

**1928**  
*Dealers  
Wholesale  
Radio  
Catalog*

**HAMILTON CARR  
CORPORATION**  
**711 W. LAKE ST., CHICAGO, ILL.**

# Electric A.C. Set

## SINGLE CONTROL

### A Real Electric 7-Tube Set Single Control Illuminated Drum

PLUG IN AND TUNE IN. THAT'S THE BY-WORD OF THE DAY. THAT'S WHAT YOU WILL SELL.

THE SENIOR 7 ELECTRIC A.C. Set is a single control set with illuminated drum ROTATING TOWARD YOU WITH NUMBERS AND LOGGING SPACE SHINING THROUGH. Has volume and clarity knobs. Simple to operate, no attention required. No hum, no noise, no distortion, no squeals nor howls. Beautiful Verdigris-green metal panel with a thick beautiful walnut panel trim. SEE PAGE 113 FOR MORE DETAILED DESCRIPTION OF THIS 7-TUBE RECEIVER. Top is matched burl walnut, well finished. 85 mil. power supply and 112 tube for power amplification.

COMPLETELY SHIELDED radio frequency unit and with audio unit using power amplification. One of the few reasonably priced socket power receivers on the market. You can sell many. REQUIRES ONLY THE TUBES AND THE SPEAKER.

#### Beautiful Cabinet—No Trimmers—Bronze Plates

The Senior A. C. Set is in a beautiful cabinet, 24 in. wide, 16 in. deep and 12 in. high. THE FINE BRONZE ESCUTCHEON PLATES are countersunk to the one illuminated drum. There are no trimmers on this set. Comes complete with cord ready to plug in.

#### Manufactured Under Patents of R. C. A. and Associates

This set is licensed under Radio Corp. of America and associate patents, insuring advantage of all of them and giving their assurance of development and the circuits.

No. 9002 Senior Electric A. C. Set, as described, without tubes or speaker. List price, **\$53<sup>75</sup>**  
\$135.00. YOUR NET PRICE.....

No. 9004 SENIOR ELECTRIC 7-TUBE RECEIVER, as described, complete with 5—type 199 tubes, 1—112 power tube, 1—genuine Raytheon 85 mil. B-H tube, 1—aerial kit, complete instructions for operation, including cord and plug, but WITHOUT loud speaker. **\$67<sup>75</sup>**  
NOTHING ELSE TO BUY. YOUR NET WHOLESALE PRICE.....  
NOTE:—SEE OUR SPEAKER BARGAINS.

## SENIOR SEVEN WITHOUT A.C. EQUIPMENT

No. 9005 For those who cannot use electric receivers, we offer the same Senior Set as described above and fully described on Page 11, without any A.C. equipment. It uses 2 power tubes instead of one, is of the same design and appearance and is pictured below. Has same shielded construction, beautiful escutcheon plate, genuine walnut trim, solid burl walnut top, power amplification, selectivity, clarity and real tone quality.

RETAIL LIST PRICE, \$75.00.....

**\$34<sup>75</sup>**

#### COMPLETE WITH BATTERIES

No. 9006 The Senior 7 Receiver, complete with 5—201A tubes, 2—112 power tubes, 1—storage "A" battery, 3—45-volt "B" batteries, 1—"D" battery, 1—aerial kit, instructions for operation. NOTHING ELSE TO BUY.

**\$59<sup>50</sup>**

**\$34<sup>75</sup>**



Buy a  
Licensed Line of Sets

5

# HAMILTON

## Junior Six Single Control



**\$70<sup>00</sup>**  
RETAIL PRICE

**your net**

**\$28<sup>75</sup>**  
**wholesale price**

**\$70<sup>00</sup> Retail Price**

**Sloping Panel Set**

### Sensational Offer

Never before has there been a single control illuminated drum quality receiver offered at anywhere near this discount. Never before has a 6-tube set of this beautiful appearance been offered at this price. Never before have you seen such beauty, such distinguished appearance, nor such a wonderful value in a radio set.

The cabinet is of walnut, finely finished with a thick solid walnut hand shaped panel behind which you have the beautiful green black soft finish metal panel. There is an escutcheon plate, bronze finish in shaded tones with two openings—countersunk up to ONE SINGLE DRUM one side with numerical divisions and the other side is left blank for logging stations.

This drum is illuminated for operation in a dark room at night and beautifying the receiver. Only a volume and clarity adjustment so that the tone quality may be to your taste. NO GEARS, NO BACKLASH. NEW CABLE METHOD OF VERNIER ADJUSTMENT.

#### Sloping Panel

For the convenience and beauty, the panel is made of the sloping type. For additional beauty a beautiful walnut is designed around the panel. You cannot obtain a more beautiful receiver at twice the price.

#### Shielded Construction

The entire base is completely shielded. The coils are solenoid space-wound of the latest design and engineered properly. NO INTERSTAGE COUPLING. The audio unit is also entirely separate. This set requires 5—201A tubes and 1 type 112 tube. The tuning condensers are MOUNTED ON ONE SHAFT AS PICTURED ON PAGE 123 and controlled by one single knob on the face of the panel. The battery cable is connected directly to the color-coded terminals. There are no binding posts for

battery connection. The size of the cabinet is 11 inches high, 15 inches deep and 21 inches wide.

#### Compare Our Prices

We ask you to compare the price of this \$70.00 list receiver, to you for only \$28.75 at our net wholesale price. Compare the values. Single control, illuminated drum, not a flat dial, beautiful green black sloping panel with thick walnut around it, fully shielded, space-wound coils, midline condensers, a selective distance-getter, complete with battery cable. We have still less expensive sets in this catalog which you will find on other pages.

No. 9019. The Hamilton Junior SIX single control receiver, without accessories, complete with cabinet as pictured. List Price \$70.00.

**\$28<sup>75</sup>**

#### With Accessories

No. 9020. The Junior Six set complete as listed above, complete with 5—201A tubes, 1—112 power tube, 3—45 volt "B" batteries, 1—6 volt 100 a. h. storage "A" battery, 1—7½ volt "C" battery, 1 complete aerial kit, nothing else for its completion except a loud speaker.

—SPECIALLY PRICED TO OUR DEALERS.....

**\$51<sup>20</sup>**

#### Ready to Plug-In

No. 9021. For Socket Power Operation, a Junior Six set as above listed, including 1—Super Power combination "A" and "B" eliminator (Raytheon type) to operate on 105 to 120 volts A.C. current only, 50-60 cycle, 5—201A tubes, 1—112 power tube, 1—7½ volt "C" battery, 1—aerial equipment, complete, ready to operate except for loud speaker....

**\$72<sup>20</sup>**

For special \$20.00 value drum speaker at more than 50% to 60% off, see page 71. See page 131 for walnut battery and speaker tables to fit this set.

**LICENSED under patents of Radio Corporation, General Electric and other patents**

## Our New Policy

For the convenience of our old customers, we have adopted a new policy of making it optional for you to pay right with order or have it shipped C.O.D.

### Pay For Merchandise When Delivered If You Please

Either send post-office money-order or express money-order. Personal checks accepted. However, if it is a large order, we will ship C.O.D. We want you to have faith and confidence in us and we want to establish relations properly with new customers as well as our old customers.

See the next page after this as to the details of how to order. If you are an old customer, you know us and need no additional information.

**Send  
No  
Money**



**We pay freight  
on orders of \$50<sup>00</sup> or over**

### Meet Your Competition

Our new policy includes paying the freight on all orders of \$50.00 or over—a new method, a new way to lend you a bigger saving than ever we offered before. Our new policy practically makes our catalog prices laid

down to your door. It lowers the cost of the goods, increases the profits and helps you meet all competition in your territory.

### Express and Parcel Post Shipments

Orders shipped by express or parcel-post go forward and are delivered to you much more quickly than freight. We will allow you what ordinarily would be the freight rate on all orders of \$50.00 or more which are shipped by express or parcel-post.

Make up an order of \$50.00, get it in one shipment and save the amount of the freight charges. If you have it shipped by freight or express you will always save the amount of the freight cost.



### We Pay The Freight

In all states except a few distant ones listed below:—New Mexico, Colorado, Wyoming, Montana, Arizona, Utah, Idaho, Oregon, California, Florida, Washington, Maryland, and New England States. If your shipment is ordered by freight, send us your paid freight bill with the order number you will find on the label on the outside of your shipment and we will allow it.

### Exceptions to This Offer

This offer does not include orders of "A" batteries, "B" batteries, insulators, cabinets only or console cabinets only or radio furniture when ordered by itself, but does include all radio sets of any kind.

### Our Terms

Though this catalog goes to firms who are highly rated, they are willing to buy for cash and take advantage of the big savings.

Shipments are made C.O.D. to any of our old customers. Orders from new customers, to be shipped C.O.D., should be accompanied by remittance as part payment. Freight shipments must be paid in full. Our prices are all f.o.b. Chicago or factory and transportation charges must be paid by you.

Because of these conditions, we are in position to offer you the extraordinary savings we do.

**HAMILTON-CARR CORP.**  
**711 W. Lake St.- Chicago, Illinois**

# Guarantee

Every item in this catalog is faithfully described. Our customers may have full confidence in our treating them fairly and squarely. We are pioneers in lower prices for better merchandise and have been established for years. Any defective merchandise will be replaced and is guaranteed by our guarantee as well as the manufacturers' guarantee. It is through fair dealing that we have established ourselves with our customers.

Do not hesitate to ask us to replace any and all merchandise which is imperfect. (Protect us by refusing to take back any USED merchandise from your customers.) The statements made on each and every article in this catalog are based on tests made and usually are underrated.



## NATIONALLY ADVERTISED QUALITY MERCHANDISE

### Quality Merchandise

It is our policy to give you the very best merchandise obtainable at the lowest possible prices you can obtain. Dealers are saving hundreds of dollars by purchasing at our low prices. Volume purchases and in some instances purchases of entire factory outputs permits us to offer you these savings.

### 24-Hour Service

It is our aim to ship every order within 24 hours and we are usually able to do so from our large stocks. This is an important factor to you.

### Cash Discount

The prices shown as your price, or shown with our stock numbers, have already had cash discount deducted, and our prices are therefore net cash, allowing no additional discount. This actually saves you, and in some instances 3% and 4% below the usual prices that you would pay for the same or similar merchandise, together with the usual jobber's so-called cash discount. Compare our net price with anyone else's and note that our net prices generally are lower.

### Your Advantage

Sets, accessories and parts are carefully tested before shipment is made and we do everything possible to please you and insure good value. We will help you and inform you as to

new developments and help you serve your customer. You have the advantage of buying the best obtainable radio merchandise at the best possible prices.

### Complete Shipments

While our stocks are most complete, there are instances where some goods are not available from the manufacturer, and where a portion of your order is omitted, notice will be sent you of such omission immediately and the rest of your order will be shipped to you at once, insuring you of prompt service on the rest of your order.

The life of our business is quick shipment and complete stock and every human and in some instances super-human efforts are applied toward this end. It is very rare that "back-orders" occur.

### We Help You Sell

Such dealers who make a real effort to get behind our low-priced line of quality receivers and push them will receive full-hearted co-operation. We will supply free of charge newspaper mats of all models of our receivers.

### Territorial Protection

While it is impossible to fully protect you from other dealers on the standard parts or kits we offer you, we are in position to do so on the sets. Dealers who are selling large quantities of our sets will receive the proper co-operation.

# Lowest Wholesale Prices

**T**HE prices in this catalog at which we sell you are for your information and quotation only and we ask that these are not divulged to any of your customers. We sell only to those who resell radio merchandise. Our prices are net and are not subject to additional discounts and show exactly what the merchandise costs you. List or retail prices are shown only as a suggestion for your resale price.

Should any list-prices be reduced, our prices will be reduced in proportion.

## How to Order

Those who have never purchased from us have never experienced the pleasure of quick shipments and service which we usually give.

Write your name and address plainly and clearly. Write the article numbers or stock numbers of the items you desire, their names and the quantity you want and the price. Send postoffice or express money-order, check or bank draft for the full amount. Use our self-addressed enclosed envelope or write your own. Be sure to write our name and address in full.

In making remittance, be certain to allow sufficient for transportation charges.

Where items are to be shipped by express, do not include transportation charges as they will be shipped collect. Should you fail to include parcel-post charges, it makes it necessary for us to ship you C.O.D. for the amount of postage and adds unnecessary expense. Should you send any excess amount, it will be immediately refunded.

Telephone and telegraph orders receive special attention. Our local and long distance phone number is Monroe 4855.

## Buy Licensed Sets

In addition to our nationally advertised accessories and parts at extraordinary reduced prices and other offers we have in this catalog on items which you will not find elsewhere, we offer a line of sets manufactured under patents owned and controlled by Radio Corp. of America, General Electric Co., A. T. & T. Co., Westinghouse Electric Co., and associated companies.

The patents owned by these companies under which these sets have been built, include the finest and latest methods of radio set construction and you are assured of a set using such patents. Do not take chances with poor sets. We offer you better sets at better prices than most dealers could buy them for.

## Read What Users Say About Our Sets and Power Units

### SUPER B ELIMINATOR

"The Super 'B' Eliminator I purchased from you about two months ago are certainly doing fine and are all that could be desired."

J. C. Stehman,  
Altoona, Pa.

### CANADA, CUBA AND MEXICO

"We have one of your Senior Radio sets and are well satisfied with it. It is the equal of any five-tube set that I have seen and better than most of them. Have logged about 125 stations from the United States, Canada, Cuba and Mexico, including about a dozen from the Pacific Coast, 6 from the Atlantic Coast, 2 from Mexico City and 2 from Havana, Cuba."

John Clausen,  
Hardwick, Minn.

### MOST WONDERFUL SET

"I received my American Radynola in first-class condition and would like to say that it is the most wonderful little set I have ever heard. I have received stations from coast to coast, also Canada and Cuba."

Sincerely,  
Lloyd M. Chubb,  
Galion, Ohio.  
Feb. 19, 1927.

### SOLD 3 SETS

January 22, 1927.

Gentlemen:

"I have sold the 3 sets I ordered from you (The Senior Deluxe) and I must say they are doing fine."

Truly yours,  
Lee J. Hastings.

### DAYLIGHT RECEPTION

"Oh, Boy! Sentinel Six. She sure works. Have gotten over six hundred miles on loud speaker in daylight, and at night can get from coast to coast. Monday, January 17, about 12:30 standard time, while three of us listened to the radio we got 5 N.O. just about time to sign off. And I have been getting over 150 stations in the last three weeks and lots more I have not logged down."

Merton Castellion,  
Tipton, Wis.

### COAST TO COAST

"I have one of your Symphonic Five sets, and I can tell you it is sure some set. I can get stations from coast to coast, Canada to Cuba."

George H. Crook,  
Saffordville, Kans.

### B ELIMINATOR

"Have one of your Eliminators bought some time ago. Would not be without it, as it increases volume and clears stations."

Edward Doaty,  
Birdsboro, Pa.

### DISTANT RECEPTION

"It may be of interest to you to know that I have had wonderful success with my Radio (the Ampliphonic), being able to get Havana, Cuba, and as far west as Denver, Colo., on an aerial strung around the room."

Beatrice M. Newman,  
Savannah, Ga.

# The Newest Six Tube Creation

## For Battery or Electric Socket Operation

*Built-in Cone Speaker - Single Control*

*Licensed under patents of*  
**Radio Corporation,  
 General Electric and  
 Associates**

### Illuminated Drum Single Control

THE newest features of radio are incorporated in this receiver. The manufacturer has disregarded cost of manufacture and turned out the finest radio set obtainable for three times the money. One small knob on the face of the panel controls one single illuminated drum on the left side of which are numerical divisions and on the right side of which is a space for logging on the drum.

The escutcheon plate on the front of the panel is a finely embossed and etched bronze countersunk toward the inside of the drum which is illuminated by two small 6-volt lamps. Only clarity and volume controls decorate the panel as additional refinements for music critics and for a little finer operation on distance stations.

### Completely Shielded

A complete brass shield encloses the radio frequency end of this set in which there are three space-wound solenoid coils properly spaced and engineered. In a separate section of the receiver is the audio frequency end with three tubes of amplification, one of which is with power transformer to permit the largest power tubes. We recommend a 112 tube in the last stage.

Above the chassis are the condensers matched in capacity and controlled by one tuning drum with a new "cable drive" rotating the drums freely without backlash, giving hairline selectivity with ease of tuning.

### Volume—Tone Quality

Tremendous volume. No distortion, no vibration and "snap-in" oscillation, no squeals, no howls, but full, clear, fully rounded tones. It is the construction, the power amplification together with the standard value, \$15.00, cone speaker built into this receiver that permits this. Real distance, too.

### Power Speaker

The speaker grill in front is lined with gold and black in a fancy design behind which is a power speaker capable of handling extraordinary volume, reproducing the low and high notes with equal clarity and quality.

### The Console Beautiful

The console is genuine walnut, 41 in. high, 28 in. wide, and 14 in. deep. Beautifully designed in shaded tones with an exquisite pattern. Around the green olive panel is the shaded walnut wood oval. Below is a beautifully designed grill, full sized, well designed, well proportioned. This cabinet would ordinarily sell for \$40.00 without set.



your net  
wholesale price

**\$46<sup>50</sup>**

No. 9007. The Grand Six-Tube Receiver, built into cabinet and built-in speaker, as pictured and described. List price, \$110.00.

### For Battery Operation

No. 9008. The Grand Six-Tube Receiver, as described and illustrated with built-in speaker complete with 5 201A tubes, 1 112 power tube, 1 6-volt, 100-A.H. storage "A" battery, 3 45-volt "B" batteries, 1 7½-volt "C" battery, 1 serial kit. Instructions for operation, ready for your customer to operate. YOUR NET WHOLESALE PRICE.....

**\$65<sup>85</sup>**

### Socket Power Operation

No. 9009. The Grand Six, as herewith described, complete, ready to plug in and operate, together with 1 Super Power combination "A" and "B" battery eliminator (Rearheon type) to operate on 105-120-volt A.C. 60hz, 50-60-cycle, 1 serial kit, 5 201A tubes, 1 112 power tube, 1 7½-volt "C" battery, and instructions, nothing else to buy. The biggest value on the market today. YOUR NET WHOLESALE PRICE .....

**\$85<sup>75</sup>**

Note:—If you want other socket-power equipment, see pages 20 and 21 for accessory combination packs.

*Protect yourself by buying Licensed Sets*

# Ampliphonic <sup>7 tube</sup> Single Illuminated Drum Control



**BEAUTIFUL  
Genuine Walnut  
CONSOLE**

**Fully Shielded  
Latest Amplification  
Method**

**Manufactured Under  
Radio Corporation  
of America and  
Associated Patents**

**Power Tube Equipped**

**Retail List Price**

**\$110<sup>00</sup>**

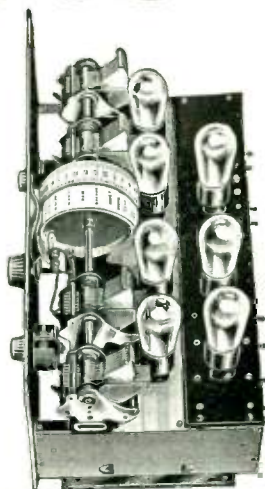
**\$52<sup>50</sup>**

## **Description of Set Console Beautiful**

**T**HIS wonder 7-tube set is cased in a beautiful walnut cabinet 39½ in. high, 24 in. wide and 16 in. deep.

Its photograph does not do it justice. Inside of the round oval is a beautiful green black soft finish metal panel on which is mounted the bronze escutcheon plates. Around the panel is finely shaded walnut veneer.

The single control knob controls one illuminated drum rotating toward you, with numerals on the left and space for logging on the right. Below is a gold silk grill opening for the extraordinary speaker of wonderful tone quality. On the right is pictured the detailed construction of the set itself. On the opposite page are the details of the set construction.

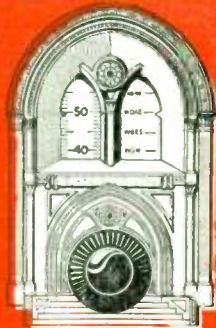


**A \$150.00 Value — Up-to-the-Minute Design**

# New Ampliphonic

The Console Set of Which  
Dealers are Selling HUNDREDS

## The World's Finest Console Set



Illuminated Single Drum Control

### Illuminated Single Drum Control

The newest method of control shown in console sets priced at \$150.00 and more is only one of the features of the Famous Ampliphonic 7. With the illuminated drum rotating toward you, numerals on the left and erasable logging on the right, you have one of the finest receivers on the market today.

### Shielded Construction

The set itself as pictured on the opposite page shows the tuning condensers all lined up. Each is adjusted to the same capacity—all controlled by the single tuning knob. Each condenser tunes a space-wound coil which are beneath the full brass shielded sub-panel placed at the proper engineering distance. The entire radio frequency unit is completely shielded from the audio frequency unit which consists of two stages of perfected resistance, coupled amplification and one stage of power amplification with a large transformer capable of handling the most tremendous volume any set can generate.

### Manufactured and Licensed Under Patents of R. C. A. and Associated Companies

The set itself is fully licensed under the patents controlled by these companies and the set is constructed with these features. You have the protection in this set that these patents have to offer.

### Beauty—Clarity

Let alone the beautiful lines, the proportions and the low price—it is clarity and tone quality which are now in demand—not only tone quality but a good range of distance and plenty of volume. Three stages of radio frequency, detector, and three stages of audio frequency, maintain extraordinary long distance, wonderful tone quality and volume.

### \$20.00 Value Speaker

This receiver has a built-in cone type speaker. The \$20.00 value unit can handle tremendous volume without distortion. It is built up in value and is particularly fitted for this receiver.

### Ampliphonic the Biggest Seller

This type of console set when looking at it from every angle in its type of construction, style, genuine walnut cabinet work, oval opening, cone speaker, two-tone shaded effects, single drum control, illuminated, shielded construction, oval walnut panel backed with metal, tremendous amplification, distance-getting qualities and tone qualities, is by far the finest, biggest and best buy at twice its list-price.

### Buy One—Sell from Sample

You need not stock many—buy one and sell from sample. Our shipments will be prompt. You can make extraordinary large profits. Take advantage of our astonishing offer.

No. 9000. We offer the Ampliphonic 7-Tube Receiver as pictured and described, our feature offer, completely crated in plywood case, shipping weight approximately 85 to 90 pounds, shipped by express or freight.

Retail List Price \$125.00

Your Net  
Wholesale  
Price . . . **\$52<sup>50</sup>**

### With Battery Equipment

No. 9001. The Ampliphonic 7 as described above, complete with 6—201A tubes, 1—112 power tube, 1—6 volt 116 A.H. storage "A" battery, 3—45 volt "B" batteries, 1—7½ volt "C" battery, 1—aerial kit and instructions, ready to operate, nothing else for your customer to buy. . . .

**\$71<sup>25</sup>**

### For Socket Power Operation

No. 9002. The Ampliphonic 7, including 1—Super-Power combination "A" and "B" eliminator (Raytheon type) to operate on 105 to 120 volts A.C. current only, 50-60 cycle, 1—aerial kit, 6—201A tubes, 1—112 power tube, 1—7½ volt "C" battery, and instructions, nothing else to buy, ready to plug in the socket.

Your Special  
Price . . . . . **\$89<sup>65</sup>**

A Millionaire's Value at a Popular List

# New Sentinel Six

## Price Reduction

**N**EVER before in the history of radio has a 2-control 6-tube receiver built into a genuine heavy walnut cabinet been offered at this price. Never before has such a tremendous value been offered to the dealers of this country. This astounding value will take the dealers by storm and this is your opportunity to get

in on the ground floor for tremendous sales and big profits for a radio set which will without question outsell any set in its class of quality and price by far. Avail yourself of our offer without delay and obtain and give the biggest value for the fewest dollars.

### The Price Talks



No. 9022. The new Famous Sentinel Six, as pictured, without accessories, sold in single lots to you at the 10-lot price. List Price, \$65.00. **YOUR PRICE**

**\$27<sup>50</sup>**

### Set Construction

The Sentinel Six is built by an organization who have been for years a factor in the radio manufacturing business. The panel is gold etched, finely embossed; knobs are made for finer tuning. No vernier dials with their usual backlash. All parts mounted on sub-base. Modified straight line frequency condensers. Three stages of low ratio audio-amplification. Bakelite sockets, solenoid coils. The latest and best features of construction are utilized in the Sentinel Six.

### Cabinet Construction

The top of this cabinet is in a slightly shaded 2-tone dark solid walnut construction. The entire cabinet is built of genuine walnut, full size 13 inches deep, heavy, massive. Cabinet alone would ordinarily sell for \$20.00. It is beautiful beyond question and it is the lowest substantial and eye-filling value in cabinet construction obtainable. Only an old established furniture factory could build it.

### Finer Tuning

Both hands tune the set. The two knobs control merely the volume and the clarity. The variable resistance is smooth and clean and permits fine volume variation. Select your stations and log them. Easy to tune.

### Complete With Accessories

No. 9023. The famous Sentinel Six Receiver complete with all accessories—6 type X-201A tubes, 2 45-volt "B" batteries, 1 4-volt 100-amp. hr. storage "A" battery, 1 4½-volt "C" battery, aerial equipment, battery cord and 1 Quality Cone Speaker.

No. 9024. Same, with all equipment except with Victor Horn Speaker instead of Cone Speaker. Your price complete either combination

**\$52<sup>50</sup>**

Note—Both the Cone and the Horn Speaker have good volume and tone quality. Specify either by ordering by stock numbers above.

### For Socket Power Operation

No. 9025. The Sentinel Six set complete with 1 Super Power combination "A" and "B" eliminator (Raytheon type) to operate on 105 to 120 volts A. C. current only, 50-60 cycle, 1 aerial kit, 5 201A tubes, 1 112 power tube, 1 7½ volt "C" battery, instruction for operation, ready to operate, including the famous Operetta Drum Speaker

**\$71<sup>50</sup>**

Nothing else for your customer to buy.

# SEVEN TUBE SINGLE ILLUMINATED SENIOR DRUM CONTROL

With Illuminated  
numbered  
and logging  
drum

Genuine  
BURL  
WALNUT



## Set Description

**A**LTHOUGH this single dial control receiver has been described in detail on other pages and its beauty has been described elsewhere, it is almost impossible for us to describe to you its appearance. We ask you to buy one and sell from sample. We ask you to stock this licensed set! We ask you to buy one and if you are not satisfied that you are in position to sell many, send it back immediately!

This is a large 17 in. deep beautiful burl walnut cabinet—wonderfully matched woods with a solid walnut panel front. Heavy construction. In the well designed opening there is a green-black soft flush panel on which rests the beautiful shaded bronze plates opening on the single illuminated drum on the left side of which is numerical spacing and on the right an erasable space for logging. A center knob on the Gothic escutcheon plate tunes the entire receiver with hairline selectivity. This is the best thing there is to be offered you in a radio set.

### Shielded Construction

The chassis is of solid brass, beautiful in appearance, enclosing the radio frequency end of the receiver under which is spaced at the proper engineering distances space-wound coils with the simplest of wiring. In a separate unit is the audio frequency end using two stages of resistance coupled amplification and one stage of power transformer rendering the most tremendous volume and a fine, silky, full, well rounded tone. There are also three stages of radio frequency, and a detector. Only a volume and clarity control on the face of the panel for your convenience. No howling, no whistling, no superscillation and still retaining the proper balance.

### Compare This With the Ordinary 6-Tube Set

No. 9005. The Senior Single Drum Illuminated Control 7-Tube Receiver in this beautiful walnut cabinet as pictured and described. A real big value which will sell like wildfire. Retail list-price, \$75.00.

YOUR SPECIAL WHOLESALE PRICE.....

Licensed Under Patents of  
Radio Corporation of America  
General Electric Co and Associates

Embossed Bronze  
Escutcheon Panel  
Plate

\$34<sup>75</sup>

\$34<sup>75</sup>

No. 9006. The Famous Senior For Battery Operation  
7 Receiver with 5—201A tubes, 2—112 power tube, 1—6 volt 100 A. H. storage "A" battery, 3—45 volt "B" batteries, 1—7½ volt "C" battery, 1—aerial kit, and instructions ready to sell your customer for immediate operation, nothing else to buy except a loud speaker.

\$59<sup>50</sup>

### For Socket Power Operation

No. 9018. The Senior 7 including 1—Super Power combination "A" and "B" eliminator (Raytheon type) for 105-120 v. A.C., 50-60 cycle, 6—201A tubes, 1—112 power tube, 1—7½ v. "C" battery, 1—aerial kit—ready to plug in the light socket

\$78<sup>75</sup>

Note: See special drum speaker value we have to offer on page 71. Also see page 131 for walnut battery and speaker tables to fit this set.

Power Tube Fully Shielded Real Tone Quality

A QUALITY SET IS BEST IN SATISFACTION

# New **MARQUIS** 8 TUBE Shielded Single control for Battery or Socket Power Operation



Your price **\$86<sup>50</sup>**

**LICENSED Under patents of  
RADIO CORPORATION of AMERICA  
and Associates**

## Genuine Walnut Console

The top is 35 in. wide and 19 in. deep. Height of console set 46 in. Two compartments below are large and roomy. Dark, thick burl walnut with exquisite bird's eye maple trimming. Amplion unit. Do not compare these with cheap consoles. This is the finest to be had, the finest to be seen.

## Details of Construction

One single drum illuminated control with numerical spacing on one side and logging space on the other.

Do not confuse this 8-tube receiver with those that squeal or howl. It is a set consisting of three stages of tuned radio frequency, a detector, two stages of resistance coupled amplification and one stage of push pull amplification completely shielded and separated.

The radio frequency end has four tuning condensers, four spaced wound coils, all operating on one shaft. This is the last word in set construction.

## Push Pull Amplification

Permits the most tremendous power without the tubes "spilling over." The finest tone modulations and tone variations. It will produce most faithfully the finest bass note to the highest. The audio amplification section alone costs more than the entire cost of many sets.

## Amplion Unit Speaker

The unit speaker has a \$17.50 value alone. Is medium pitched and its impedance will match the power tubes. Two stages of power amplification are built right into the set.

No. 9043. If you want the finest of receivers, the finest of consoles, the finest of speakers, the simplest tuning, beautiful bronze metal escutcheon plates, smooth vernier adjustment, selective sharp tuning, long distance, this is the set you should buy, and is absolutely guaranteed to be as we represent. Comes complete with coded cable. Retail list-price \$200.00. **YOUR NET WHOLESALE PRICE** **\$89<sup>50</sup>**

## Complete—Ready to Listen-In Battery Operated

No. 9044. The Marquis 8 single illuminated control receiver as described with beautiful cabinet, 6—201A tubes, 2—112 power tubes, 1—6 volt 100 A.H. storage battery, 3—45 volt "B" batteries, 1—7½ volt "C" battery, 1—aerial kit, complete instructions—Complete with built-in speaker ready to operate. **YOUR PRICE COMPLETE** **\$109<sup>50</sup>**

## For Socket Operation

No. 9045. The Marquis 8-Tube Receiver as above complete with 1—Super Power combination "A" and "B" eliminator (Raytheon type) to operate on 105 to 120 volts A.C. current only, 50-60 cycle, 6—201A tubes, 2—112 power tubes, 1—7½ volt "C" battery, 1—aerial kit, instructions—nothing else to buy, ready to plug into the socket. **YOUR SPECIAL PRICE FOR THIS COMBINATION.** **\$131<sup>50</sup>**



# The Vernon Ortho

Eight Tube

With the  
**OrthoType**  
Newcombe-Hawley  
or Platter Baldwin  
Power Speaker

Licensed under patents of  
Radio Corporation of America &  
General Electric Co. and Associates

**S**PACE limits what we could say of this beautiful console. It is of solid walnut, beautifully shaded, sturdily constructed with a beautiful grill and compartment below for "A" or "B" battery eliminators or batteries. Size is 45 in. high, 28 in. wide, and 17 1/4 in. deep.

The console doors close as pictured below over a beautiful grill and our single illuminated size console set.

## DESCRIPTION OF SET

Eight tubes, (of which two are power tubes,) four condensers operated on one shaft, tuning four latest engineer type space-wound coils. The audio power unit consists of two stages of resistance coupled amplification and two large power transformers used with the power tubes for tremendous volume and beautiful tone. All completely brass shielded.

This is a music critic's set. The front of the panel has an

No. 9026. The Famous Vernon Ortho 8. Set only—completely built into this beautiful console, including the Orthophonic type speaker with a long throat and large air column with Baldwin or Amplion unit. Retail List Price \$175.00. **YOUR SPECIAL PRICE**.....

No. 9027. For Operation With Batteries we offer the Vernon Ortho 8, as above complete with everything necessary for its operation, including 6—201A tubes, 2—112 power tubes, 1—6 volt 100 A. H. storage battery, 3—46 volt "B" batteries, 1—7 1/2 volt "C" battery, 1—aerial kit, and instructions, nothing else for your customer to buy.

## ELECTRIC SOCKET OPERATION

No. 9028. The Vernon Ortho 8 including Super Power combination "A" and "B" eliminator (Raytheon type) to operate on 105 to 120 v. A. C. current only, 50-60 cycle, 6—201A tubes, 2—112 power tubes, 1—aerial kit, 1—7 1/2 v. "C" battery, the built-in loud speaker with unit instructions, ready to plug in to socket, nothing else for your customer to buy.

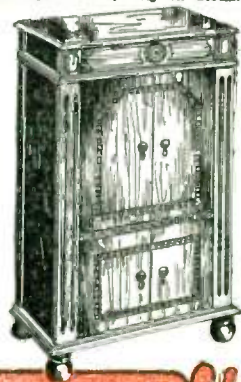
exquisite dark bronze gothic escutcheon plate, highly embossed in a window shape with two windows opening on a revolving drum which revolves towards one, on the left of which are numerical spacings and on the right is blank space for logging.

Simple to tune, still exceedingly selective, delivering tremendous volume and power with the right tone quality on distance stations. This set is amongst the finest you can buy.

**\$84<sup>50</sup>**

**\$106<sup>50</sup>**

**\$129<sup>50</sup>**



*When your customers ask for the finest*

**HAMILTON-CARR CORPORATION, CHICAGO, ILL.**

# American Radynola 6

## The Lowest Price Six-Tube Set

**T**HE American Radynola 6 stands out by itself as the leader in the field in a 6-tube set, giving tremendous volume and wonderful tone quality. It is one of the few 6-tube sets designed today where every tube has its purpose and where the three stages of low ratio audio frequency all operate to a mellow tone, better quality and greater volume.

### Selectivity and Range

No complicated controls. All knobs tuned to the same numbers. Easy logging. Simple to operate. Very selective in tuning and under actual test proved it can receive stations far above the range of most 6-tube receivers.



No. 9029

List Price  
**\$55.00**

YOUR  
PRICE

**\$19<sup>50</sup>**



## Beautiful Set Designs

The American Radynola sloping panel receiver fits most any table, as it is compact in a 7x18 size. The gold etched panel is of beautiful mahogany finish to match the hand-rubbed, dark, clear mahogany of the cabinet. The straight-line condensers and the solenoid type coils underneath the baseboard give selective tuning and quiet operation. Bakelite sockets of the latest X-type will fit 201A and X-199 tubes and the latest power tubes.

### Volume Features

This receiver uses 90 volts of "B" battery, but a loud-speaker of good quality will give all the volume necessary. This is a feature which few sets on the market will have.

It has an extra tap for 45 volts additional to use a power tube in the last socket for greater volume.

### Dealers:

Your opportunity is here. No 6-tube set has ever been priced so low. You can make more sales and more profit if you buy this set. Over 20,000 dealers in this country buy from us. What better recommendation and assurance may we give you of our backing and good quality? It is the opportunity of a lifetime for real sales, big turnover and greater profits.

Compare our price for this quality 6-tube set with any other set in line with this quality. No 6-tube set can be built at a cheaper price.

### Complete With Accessories

**9030.** This offer is made for the dealer who prefers to buy the set as a complete unit, including all its accessories. This offer includes the American Radynola 6-tube receiver, 6 type X 201-A tubes, 2 45-volt "B" batteries, 1 100 amp. hr. storage battery, 1 4½-volt "C" battery, complete aerial equipment, battery cord and 1 Quality Cone Speaker.

**9031.** Includes all of the above except a Victor horn-type speaker, as pictured on our loudspeaker pages, will be furnished instead of the cone.

YOUR  
PRICE **\$41<sup>50</sup>**  
Either  
Combination

### Suggested Accessories for Socket Power Operation

1 "A" battery eliminator (see center insert), 1 "B" eliminator, (see center insert), 5 201A tubes, 1 aerial kit, 1 7½-volt "C" battery. These items can be found on other pages of our catalog at very low prices. We suggest you might buy any combination "A" and "B" battery eliminator to take the place of the individual units.

**Note**—For other types of loud speaker, on page 71 is a special drum speaker priced very low for its wonderful quality.

See our pages on "B" battery eliminators and "A" eliminators



# 6TUBE SPANISH TREASURE CHEST TWO DIAL CONTROL

**With Baldwin Built-In Speaker—Priced**

## The War Chest

Fully 28 in. wide, 18 in. deep and 18 in. high, this War Chest is a table model with built-in long throat speaker using the Famous Baldwin Rival Unit. It is constructed of the heaviest class of walnut. Big and broad and massive. It has room for "B" batteries. See page 131 for Radio Tables.

## Set Construction

The set itself is the famous 2-knob control placed on the face of a wonderfully grained walnut panel, beautifully etched in gold. 6-tubes with colunoid coils, new modified straight line condensers, triple tuned and with three standard full size stages of audio frequency amplification. This particular type of set is moving tremendously. It is one of the biggest values.

**A \$25.00 Cabinet and a \$10.00**

## Speaker Besides the Set

This cabinet alone originally sold for \$25.00. The speaker with its Rival Unit and big tone chamber is worth \$10.00. The set chassis is worth \$24.00. It is truly an \$80.00 value. Buy one and satisfy yourself that it is the biggest buy in a 2-dial control set on the market.

No. 9013. The Famous Spanish Model 2-Dial Control 6-Tube Treasure Chest, complete as pictured and described including complete speaker—retail list value \$80.00.

**NET WHOLESALE PRICE... \$34.50**

**\$50.00 Below  
Market Value!**

## For Battery Operation

No. 9014. The Spanish 2-Dial 6-Tube Treasure Chest with built-in speaker and Baldwin unit, with 6-201A tubes, 1-6 volt 200 A.H. Storage "A" battery,

2-45 volt "B" batteries, 1-1½ volt "C" battery, 1-aerial kit, and instructions—nothing else for your customer to buy—"sell it as a unit" YOUR NET WHOLESALE PRICE

**\$49<sup>75</sup>**

## For Socket Power

No. 9015. The Spanish Treasure 6-Tube Receiver above listed with 1-Super Power combination "A" and "B" eliminator (Raytheon type) for 105 to 120 volts A.C., 50 to 60 cycle, with 6-201A tubes, 1-aerial kit, 1-1½ volt "C" battery, and instructions ready to plug in the light socket.

Your Net Wholesale Price **\$71<sup>60</sup>**

See our battery table bargains on page 131.

**Net Wholesale Price**

**\$34<sup>50</sup>**

**With Baldwin Built in Speaker**

The NEW  
**WELLINGTON**  
**Six**  
*The Beautiful*  
**Single Illuminated Control**  
**100% Shielded Console**

## What Single Control Means

WITH the Wellington Six, single-control means a single tuning control rotating all tuning apparatus with only a clarity and volume control for refinement and volume variations. Do not be deceived by other so-called single-control receivers. This is a real single tuning control. Simple to tune, simple to operate.

There is a single rotating drum, rotating toward you which is illuminated from within, spaced in two Gothic openings which are countersunk from a highly embossed bronze escutcheon plate.

## Socket Power Operation

One of the finest forms of socket-power operation is a real "A" eliminator with a real "B" eliminator. It is the safest and surest way. The manner in which this console set is sold insures steady operation of the receiver without fooling with the batteries, eliminators or anything else. Plug in once and you are through with your set having always a consistent supply of current from your light socket. This set may be bought without or with socket power equipment.

## For Battery Operation

No. 9033. The Wellington Six Console Beautiful Single Illuminated Control, including 5 201A tubes, 1 112 power tube, 1 6-volt, 100-A.H. storage "A" battery, 3 45-volt "B" batteries, 1 7½-volt "C" battery, 1 aerial kit, and instructions, nothing else for your customer to buy. **YOUR NET WHOLESALE PRICE, COMPLETE**

## For Socket Power

No. 9034. The Wellington Six single illuminated drum control, fully shielded—for socket-power operation, with built-in speaker in unit, including 1 Super-Power combination "A" and "B" eliminator (Raytheon type) to operate on 105 to 150 volts A.C. only, 50-60-cycle, 1 aerial kit, 5 201A tubes, 1 112 power tube, 1 7½-volt "C" battery, and instructions, nothing else for your customer to buy. No more attention, no hum, no noise, no grief. Raytheon "B" eliminators are known the world over and the Super-Power "A" unit is tried and found to be perfect. **YOUR NET WHOLESALE PRICE, ALL COMPLETE.....**

Retail List  
Price  
**\$125<sup>00</sup>**

Your **\$54<sup>50</sup>**  
Net  
Price

## Shielded Construction

Three stages of radio frequency, three stages of audio frequency with power amplification. Smooth vernier adjustment, green-black metal panel, modified straight-line condensers sharp tuning, battery cable attached and licensed under R.C.A. patents.

## Manufactured Under R. C. A. Patents—Licensed

This beautiful single-control radio set has wonderful tone quality. The speaker is built-in and a balanced diaphragm unit is included. Large compartments for "A" and "B" eliminators or batteries. Beautiful shaded mahogany finished cabinet. Two-toned and beautifully designed. Size of console, 35 in. high, 23 in. wide and 16 in. deep. The licensed set protects you and insures a set which has been built with the tuned radio frequency circuit.

No. 9032. The Wellington Six console set, fully described and pictured, priced at a very attractive discount, furnished in single lots at six-lot prices. Retail list price, \$125.00. **YOUR NET WHOLESALE PRICE** ..... **\$54<sup>50</sup>**

**Note:**—Should you prefer some other "A" eliminator or "B" eliminator or combination, see pages 20 and 21. You may buy the set only and all you need is 5 201A tubes, 1 112 power tube, 1 7½-volt "C" battery and 1 aerial kit. Do not be confused by any false claims of socket-power operation from such who are offering you an "A" power unit, really giving you a storage battery and a charger. This is genuine. Your customers want it. They will demand it.

# Buy a Sample and Sell From It

# Dearborn Desk with Ortho Type 68" Throat Speaker

## Socket Power Console Receiver

**T**HIS seven-tube console set may be purchased by our dealers with storage battery equipment or ready for plugging into the electric light socket. We offer the finest combination "A" and "B" eliminator on the market, requiring no attention, no grief, no hum. Nothing to replace.

## Desk Console Ortho Type

This solid walnut desk type console has a sloping desk panel when closed, a beautiful burl walnut front completely matched, highly finished and one of the finest pieces of furniture one could find today. The top is beautiful walnut. The front has two openings with gold grill in front of the longest and largest tone chamber speakers with a large Baldwin Rival or Ampliton unit. Small doors close over speaker when not in operation.

## Shielded Construction

The Dearborn Desk Model is fully shielded both the radio and audio end. Three stages of tuned radio frequency, one tuned detector, and three stages of power amplification.

## Single Illuminated Control

This is a real single tuning control receiver with a small knob operating one single drum rotating toward you with numeral spacings on the left and logging space on the right. This is not a dial, but a drum which is incorporated in \$200 and \$300 receivers. Beautiful metal bronze embossed escutcheon plate.

EVERY ONE OF THESE SEVEN TUBES HAS A FUNCTION OF ITS OWN. NO FAKE OR DUMMY TUBES. EACH ONE IS NECESSARY FOR THE OPERATION OF THIS RECEIVER, INCLUDING POWER TUBES. THIS IS A TREMENDOUS BARGAIN AT THE PRICE.

No. 9036. Dearborn 7-tube set for battery operation, including 5 201A tubes, 2 112 power tubes, 1 6-volt 100-A.H. storage "A" battery, 3 45-volt "B" batteries, 1 7½-volt "C" battery, 1 aerial kit, and instructions, ready for your customer to operate .....

## Socket Power

No. 9037. Dearborn 7-tube, as fully described, including 1 Super-Power combination "A" and "B" eliminator (Raytheon type) to operate on 105 to 120 volts A.C. current only, 50-60 cycle, 1 aerial kit, 5 201A tubes, 2 112 power tubes, 1 7½-volt "C" battery, and instructions, ready for your customer to operate...

## The Bargain of The Age



Your net wholesale price

**\$64<sup>75</sup>**

**LICENSED under patents of  
RADIO CORPORATION of AMERICA,  
GENERAL ELECTRIC CO., & Associates**

No. 9035. Dearborn Desk  
Ortho type 7-tube set. Re-  
tail price, \$175.00.  
**YOUR NET  
WHOLESALE \$64<sup>75</sup>  
PRICE .....**

**\$83<sup>25</sup>**



**Protect yourself-Buy a Licensed Set Line**

# Symphonic Five

## Cut to the Bone

**The Quality Set at the Lowest Competitive Prices**

**N**EVER in the history of radio receivers has there been offered the dealers of this country so astounding a 5-tube value as it is our pleasure to offer you.

Never before has a quality model 5-tube set as beautiful in appearance and as clean and clear in operation been offered at this extraordinary low price.

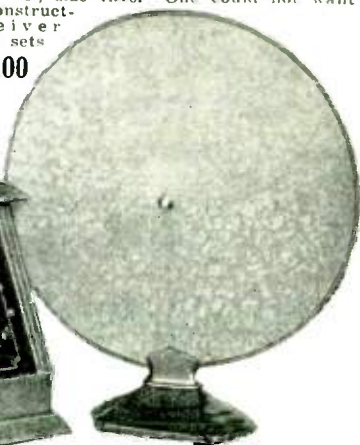
### Set Description

The Symphonic Five is built in a cabinet of brown Spanish leatheroid finish, substantial, clean, sloping panel style and well constructed. The panel is gold engraved walnut to match the cabinet. Contrasted beautifully with the black line tuning knobs. The two small knobs are for control of volume and clarity. The volume control is of the finest smooth slow variation type. Roller bearing. The condensers are of the modified straight-line frequency type, substantially constructed and of the latest design. All is sub-panel mounted using the new X-type sockets. The latest development in solenoid coils are used, permitting no losses and fine tuning. Two stages of low ratio

audio amplification with high-grade transformers offers the true amplification required for both low and high notes. Real modulated tone quality. Etched panel, size 7x18. One could not want a better constructed receiver even in sets

of \$150.00

or  
More



**Retail Price \$50.00**

## Astounding Low Price

**Lowest Price  
Highest Quality**

Do not let the low price impress you improperly. It is only through our tremendous volume in manufacturing and our factory connections, our great purchasing power and our shrewdness in buying, that we are in position to offer you this quality receiver which should wholesale for twice the price we offer it and which should retail comparatively for \$85.00.

We hesitated to price this as low as it is for fear of creating the wrong impression as to its quality.

### Thousands in Use

This is not a new set, although it has many new attractive features. Thousands of these sets are now in use and we have received unsolicited testimonials from users of this set who are so well pleased, that they want to inform us of the tremendous distances, the clear, undistorted volume, the easy tuning and the fine tone quality produced by this receiver.

No. 9049. The Symphonic Receiver without any accessories and without loud speaker as pictured herewith and as pictured on the cover of this catalog.

**Your Price**

**\$17<sup>65</sup>**

### Complete with Accessories

No. 9050. The Symphonic Five, complete with 5 type N201A tubes, 2 45-volt "B" batteries, 1 100-amp. hr. storage battery, 1 "C" battery, complete aerial equipment, 1 battery cable attached including our special free edge cone speaker, or Victor Loud Speaker.

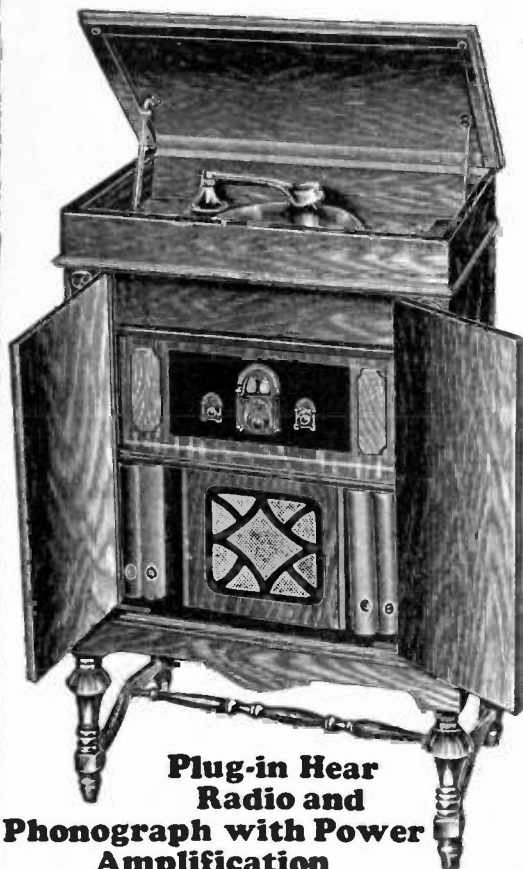
**Your Price**

**\$39<sup>50</sup>**

### For Dry Cell Operation

For those dealers who prefer to sell sets for dry cell operation, we suggest that you purchase the Symphonic Five without accessories and purchase individually from this catalog the following items: 2 45-volt "B" batteries, 6 1½-volt dry cell batteries, 1 4½-volt "C" battery, 5 UX or type X199 tubes, 1 complete aerial kit, 1 cone or horn loud speaker. Any 5-tube set will not deliver as much volume with dry cell tubes as it will with storage battery tubes, although in most instances reception is satisfactory in dry cell operation.

# Electric Phonograph Electric Radio Combination



**Plug-in Hear  
Radio and  
Phonograph with Power  
Amplification**

## Genuine Walnut Console

The finest phonograph console. Built by master craftsmen. Gracefully designed and solidly constructed. A fine piece of furniture for the most richly appointed home. Meets the great demand for the finer grade instrument. Fulfills the desire of music lovers. Most wonderful radio and phonograph performance. Beautiful appearing, wonderful performing. Extremely simple. The women and the children can easily operate it.

## Astounding Value

A \$400.00 value. Sold complete with 5 201A tubes, 1—200A detector tube and 2—171 power tubes. Complete, ready to plug in and operate.

No. 9089. 1st Value—\$400.00.

OUR SPECIAL  
OFFER—YOUR  
WHOLESALE  
PRICE .....

**\$191<sup>10</sup>**

**\$195<sup>00</sup> Less 2%**

## *The Last Word!*

**AN 8-TUBE RADIO  
SET WITH POWER  
AMPLIFIER**

**ELECTRIC SOCKET  
OPERATION**

*Together With Ortho Type  
Phonograph With Electric  
Reproduction and Amplion  
Power Speaker with Power  
Amplification*

**A**ND now! We have the latest in radio and the latest in the phonograph industries combined. Powerful electric phonograph reproduction. Reproduces the record electrically through a super power amplifier. Only with tremendous power amplification is it possible to perfectly reproduce the full musical scale, the lowest bass notes of the pipe organ, the bass viol, bass and trap drums and the full symphony orchestra. Nothing like it ever before heard with radio receivers or phonographs. Every instrument clearly defined and reproduced naturally as if the musicians were playing before you.

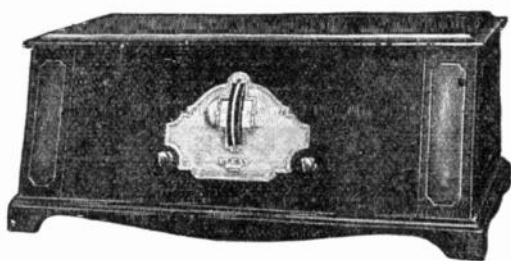
## POWERFUL 8-TUBE RADIO Single Illuminated Drum Control

The finest radio receiver ever built. Three powerful stages of sensitive radio frequency amplification, followed by detector and four stages of perfect audio power amplification. Latest push pull full wave power amplifier using the new 171 power tubes. The same power amplifier is used for both the radio and the phonograph insuring perfection of tone quality.

## Complete Electric

Electric phonograph and electric radio. Plug it in the light socket. No batteries. No chargers. No crank. Electric motor. A.C. operated entirely. A flick of a switch changes from phonograph to radio at will. Listen to your favorite records. The artists of the world will play before you as if in person or switch to the radio receiver in an instant and with one single knob tune in far away stations for dance music or any program that meets your taste. Volume controlled to any intensity at will with one small knob.

# Elkay Electric and Battery Sets



THE Elkay Set is nationally advertised and known throughout the country, using the famous Donle Truphonic Audio Amplification and Synchronized Radio Frequency Amplification. Wonderful tone quality and hairline selectivity. This is the ultimate in uni-control, simplicity in tuning and real tone quality.

## Electric Sets

The electric sets use the McCullough A.C. electric tubes. No "A" batteries, no "B" batteries, direct from socket operation. The non-electric sets permit power tube amplification.

## With Cabinet or Chassis Only

The Elkay sets are sold with and without cabinet—that is—the chassis only. A beautiful appearing quality receiver. These chassis are made to fit Pierson Consoles which you will find on pages 129 and 130 in this catalog. Nothing to change. They will fit in all Pierson Consoles.

### Battery Operation

Elkay Junior 6-tube receiver in sloping front Mahogany cabinet.  
No. 9081.

List price, \$80.00.

YOUR PRICE.....

**\$47<sup>04</sup>**

No. 9082, Junior 6-tube chassis only. Panel, 12x8½ in. Depth, 12 in. List price, \$69.50. YOUR PRICE

**\$40<sup>87</sup>**

No. 9083, Elkay Junior 7-tube.  
List price, \$92.50 YOUR PRICE..

**\$54<sup>40</sup>**

No. 9084, Chassis only for above receiver. Panel, 12x8½ in. Depth, 12 in. List price, \$82.00. YOUR PRICE .....

**\$48<sup>22</sup>**

### Electric Set

No. 9085, Elkay Electric Senior. List price, \$195.00. **\$114<sup>66</sup>**  
YOUR PRICE .....

No. 9086, Elkay Electric Senior Chassis, Panel, 8x19¼ in. Depth, 12½ in. List price, \$176.00 YOUR PRICE..... **\$104<sup>50</sup>**

The Electric Sets are pure A.C. sets requiring only six McCullough Tubes and one Raytheon B-H rectifying tube which you will find on our tube pages. They operate on 100-120 volt 60 cycle current.

See page 129 and 130 for Pierson Cabinets to fit the chassis models.

## Accessories For Battery Operation

### For 5-Tube Sets

- 5—Type 301A Tubes.
- 2—45-volt Knight "B" Batteries.
- 1—100 Amp. "A" Battery.
- 1—4½-volt "C" Battery.
- 1—Quality Aerial Kit.

No. 8608. Your Wholesale Price Complete

**\$16<sup>75</sup>**

### For 5-Tube Sets

With Power and Detector Tube

- 3—Type X201A Tubes.
- 1—Type X112 Tube.
- 1—Type 200A Tube.
- 3—45-volt Knight "B" Batteries.
- 1—100 amp. Storage "A" Battery.
- 1—4½-volt "C" Battery.
- 1—Quality Aerial Kit.

No. 8609.

Your Wholesale Price Complete

**\$21<sup>90</sup>**

### For 6-Tube Sets

- 6—Type 201 Tubes.
- 2—45-volt Knight "B" Batteries.
- 1—100 Amp. Storage "A" Battery.
- 1—4½-volt "C" Battery.
- 1—Quality Aerial Kit.

No. 8610. Your Wholesale Price Complete

**\$17<sup>50</sup>**

### For 6-Tube Sets

With Power and Detector Tubes

- 4—Type X201A Tubes.
- 1—Type X200A Tube.
- 1—Type X112 Tube.
- 3—45-volt Knight "B" Batteries.
- 1—100 amp. Storage "A" Battery.
- 1—4½-volt "C" Battery.
- 1—Quality Aerial Kit.

No. 8611.

Your Wholesale Price Complete

**\$22<sup>85</sup>**

## Operetta Drum Speaker

**\$6<sup>45</sup>**

No. 8565—The Buy of the Age. See Page 71

Retail Price \$20.00 YOUR PRICE

# Accessory Combinations

## Complete Accessory Packs

WE SHOW here and on the lower end of the opposite page many combinations of accessories for 5, 6, 7 and 8-tube sets.

These are standard combination packs which allow you big savings. We show various combinations to suit your taste. Take advantage of our offer and turn your old battery set into an electric socket power receiver by buying these combination packs at the extraordinary reductions we offer.

## To Electrify Any Receiver

### For 5 Tube Sets

- 5-Type 201A tubes @ \$1.75...\$ 8.75
- 1-Superpower "A" Eliminator 32.50
- 1-Knight "B" Eliminator... 35.00
- 1-Knight "C" Battery..... .60
- 1-Regulation Aerial Kit..... 2.00

List Value.....\$78.85

No. 8612  
YOUR WHOLESALE PRICE ..... **\$36<sup>95</sup>**

### For 6 Tube Sets

With Power and Detector Tubes

- 4-Type 201A tubes.....\$ 7.00
- 1-Type 200A Detector Tube..... 4.00
- 1-Type 112 or 171 Power Tube 4.50
- 1-Combination Superpower "A" & "B" Eliminator..... 67.50
- 1-"C" Battery..... .60
- 1-Aerial Kit..... 2.00

List Value.....\$85.60

No. 8614  
YOUR WHOLESALE PRICE ..... **\$42<sup>50</sup>**

### For 5 Tube Sets

- 5-Type 201A Tubes.....\$ 8.75
- 1-Majestic Super "B" Eliminator 29.50
- 1-Superpower "A" Eliminator 32.50
- 1-Aerial Kit..... 2.00
- 1-Knight "C" Battery..... .60

List Value.....\$73.35

No. 8613  
YOUR WHOLESALE PRICE ..... **\$39<sup>40</sup>**

## Balkite—Majestic—Super-Power

### For 6 Tube Sets

- 6-Type 201A Tubes.....\$10.50
- 1-Balkite Combination "A" and "B" Eliminator..... 59.50
- 1-"C" Battery..... .60
- 1-Regulation Aerial Kit..... 2.00

List Value.....\$72.60

No. 8615  
YOUR WHOLESALE PRICE ..... **\$40<sup>95</sup>**

### For 6 Tube Sets with Power Tube

- 5-201A Tubes.....\$ 8.75
- 1-112 or 171 Power Tube..... 4.50
- 1-Superpower "A" Eliminator 32.50
- 1-Balkite "B" 135 Eliminator 32.50
- 1-Aerial Kit..... 2.00
- 1-"C" Battery..... .60

List Value.....\$80.85

No. 8616  
YOUR WHOLESALE PRICE ..... **\$45<sup>20</sup>**

### For 6 Tube Sets with Detector and Power Tube

- 4-201A Tubes.....\$ 7.00
- 1-200A Detector Tube..... 4.50
- 1-112 or 171 Power Tube..... 4.50
- 1-Majestic Super "B" Eliminator 29.50
- 1-Superpower "A" Eliminator 32.50
- 1-"C" Battery..... .60
- 1-Aerial Kit..... 2.00

List Value.....\$80.10

No. 8617  
YOUR WHOLESALE PRICE ..... **\$41<sup>45</sup>**

### For 6 Tube Sets with Power Tube

- 5-Type 201A Tubes.....\$ 8.75
- 1-Type 112 or 171 Power Tube. 4.50
- 1-Majestic Super "B" Eliminator 29.50
- 1-Superpower "A" Eliminator 32.50
- 1-"C" Battery..... .60
- 1-Aerial Kit..... 2.00

List Value.....\$77.85

No. 8618  
YOUR WHOLESALE PRICE ..... **\$40<sup>40</sup>**

### For 7 Tube Sets with Detector and Power Tubes

- 5-Type 201A Tubes.....\$ 8.75
- 1-Type 200A Detector Tube... 4.00
- 1-Type 112 or 171 Power Tube. 4.50
- 1-Superpower "B" Eliminator 42.00
- 1-Superpower "A" Eliminator 32.50
- 1-"C" Battery..... .60
- 1-Aerial Kit..... 2.00

List Value.....\$94.35

No. 8619  
YOUR WHOLESALE PRICE ..... **\$42<sup>80</sup>**

### For 7 Tube Sets with Power Tube

- 6-201A Tubes.....\$10.50
- 1-112 or 171 Power Tube..... 4.50
- 1-Superpower Combination "A" & "B" Eliminator..... 67.50
- 1-"C" Battery..... .60
- 1-Aerial Kit..... 2.00

List Value.....\$85.10

No. 8620  
YOUR WHOLESALE PRICE ..... **\$41<sup>50</sup>**

### For 8 Tube Sets with Detector and Power Tube

- 6-Type 201A Tubes.....\$10.50
- 1-Type 200A Detector Tube... 4.00
- 1-Type 112 or 171 Power Tube 4.50
- 1-Aerial Kit..... 2.00
- 1-"C" Battery..... .60
- 1-Superpower "A" Eliminator
- 1-Superpower "B" Eliminator or
- 1-Combination Superpower "A" & "B" Eliminator..... 67.50

List Value.....\$89.10

No. 8621  
YOUR WHOLESALE PRICE ..... **\$43<sup>90</sup>**

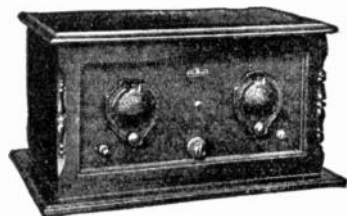
Loud speakers of real quality priced from \$3.95 to \$50.00 and more are fully displayed on pages 53 to 59, 60, 71 and 115. We have the finest selection at the right prices.

The  
New



## 1928 Models Employing Latest R. C. A. Licensed Circuits

### Battery and A. C. Operated Cabinet Model



Compact, well proportioned 5-tube set. Walnut finish cabinet. Hinged top. Size 23 1/4 in. wide by 15 in. deep by 12 1/4 in. high. Two stages of tuned R.F. detector and two Rauland Lyric Audio Transformers mounted on steel chassis.

No. 9060. List Price, \$80.00. **YOUR SPECIAL WHOLESALE PRICE** ..... **\$34<sup>75</sup>**

No. 9061. Same model for A.C. operation. List, \$90.00. **YOUR PRICE** ..... **\$52<sup>92</sup>**

No. 9062. A.B.C. Power Unit for A.C. set. List, \$45.00. **NET** ..... **\$26.46**

Raytheon 85 mil. tube extra.

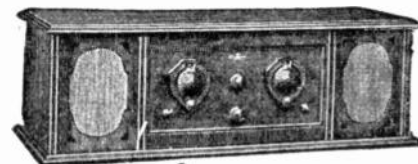
### Hi-Boy



Colonial design. Selected blended walnut. Large compartments for power units. 5 tubes with Rauland Lyric Transformers. 24 in. wide, 15 in. deep, 41 in. high. **List** \$115.00. **YOUR PRICE** ..... **\$56<sup>62</sup>**

No. 9065. List \$115.00. **YOUR PRICE** ..... **\$73<sup>50</sup>**

No. 9066. For A.C. operation. List, \$125.00. **YOUR PRICE** ....



### Compartment

Large compartments on both ends for power units. Five-tube model, two-toned beautiful walnut inlay. Removable back. 37 in. wide, 12 1/2 in. deep and 12 in. high.

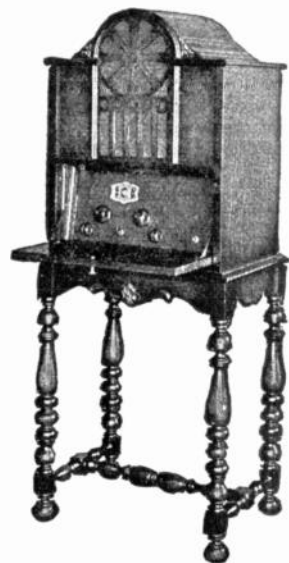
No. 9067. List price, \$90.00. **YOUR NET PRICE** ..... **\$40<sup>57</sup>**

No. 9068. Same model, for A.C. operation. List, \$100.00. **YOUR PRICE** ..... **\$58<sup>80</sup>**

### A. C. EQUIPMENT

All A.C. models on this page require the Rauland A.B.C. power unit and cannot be operated without it.

No. 9062. **List** \$45.00. **NET PRICE** ..... **\$29<sup>00</sup>**  
INCLUDING RAYTHEON TUBE.



### "Sextet"

A handsome beautifully designed console 6-tube receiver. Console of beautiful blended walnut with a superior built-in cone speaker. Indoor or outdoor antenna.

No. 9063. List, \$134.50. **YOUR PRICE** ..... **\$79<sup>10</sup>**

No. 9064. Same model, for A.C. operation. List, \$175.00. **YOUR PRICE** ..... **\$102<sup>90</sup>**



### Six Tube Cabinet

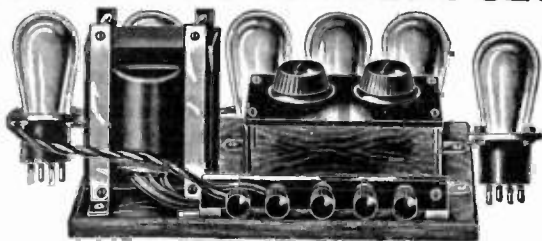
The same chassis as Sextet. Well made, walnut, handsome finish. Indoor or outdoor antenna.

No. 9069. List price, \$110.00. **YOUR PRICE** ..... **\$46<sup>45</sup>**

No. 9070. Same model, for A.C. operation. List, \$115.00. **NET** ..... **\$67<sup>65</sup>**

# ELECTRIFY YOUR OLD RADIO SETS

## MAKE ANY BATTERY SET AN ELECTRIC SET



### REAL A. C. TUBES

The tubes are the latest and newest development of the K. & H. Electric Co. After assembling the small 4x4 kit, you need only wire up the tubes as we show, make absolutely no changes in your old set, and you have an A.C. set, providing you will buy any good "B" eliminator with it for your plate current supply.

### NO "A" ELIMINATORS, NO BATTERIES, NO CHARGERS

For a 5 or 6-tube set of the old design, using storage battery, "B" batteries or chargers, we have to offer the latest and newest guaranteed development of radio which requires your purchasing the kits as shown below consisting of the

### VOLTRON A. C. TUBES

**M**UCH has been said about electrifying set with "A" and "B" eliminators. While it is quite true that a "B" eliminator with a good "A" eliminator will electrify any set, few good "A" eliminators are on the market today. What we offer here is not an "A" eliminator. We offer 5 or 6 tubes to electrify any 5 or 6 tube set together with a small kit of inexpensive parts which takes 10 minutes to wire and consists of only four items. These four items may be made up in a space of 4x4 in. In a kit with which we supply full diagram. It is very simple.

tubes and a small unit which you can wire in 10 minutes together with any standard "B" eliminator. See our full pages on Knight, Superpower, Majestic, Bakelite or any other standard type "B" eliminator for your "B" current supply or if you please you may use "B" batteries for your "B" current supply.

The tubes operate directly from your electric light socket when connected with this unit which you will wire up. The unit consists only of a special transformer, 2-20 ohm rheostats, 1-500,000 ohm resistor, 1.2 mfd. condenser and a few binding posts together with bakelite mounting strip. Nothing else necessary to eliminate storage "A" batteries. The tubes are immediately replaceable—we can supply them or they may be obtained elsewhere.

### For 5-Tube Sets

1 Essential "A" kit containing 1 transformer, 2 20 ohm rheostats, 1 500,000 ohm resistor, 1.2 mfd. condenser, 5 binding posts, mounting strips, wiring diagram, busbar wire.

No. 8838. YOUR WHOLESALE PRICE.. **\$8<sup>10</sup>**

No. 8839. 4 Volttron A. C. Electric Amplifier Tubes. List. \$3.00 each. 1 Detector Tube. List. \$6.00. YOUR NET PRICE ON ALL FIVE TUBES..... **\$11<sup>70</sup>**

No. 8840. Complete combination of above kits to electrify any old battery set, needing only "B" eliminator or "B" batteries. YOUR PRICE..... **\$19<sup>80</sup>**

### For 6-Tube Sets

1 Essential "A" kit containing 1 Transformer, 2 20 ohm rheostats, 1 500,000 ohm resistor, 1.2 mfd. condenser, 5 binding posts, mounting strips, wiring diagram, busbar wire.

No. 8841. YOUR WHOLESALE PRICE.. **\$8<sup>10</sup>**

No. 8842. 5 Volttron A. C. Electric Amplifier Tubes. List. \$3.00 each. 1 Detector Tube. List. \$6.00. YOUR NET PRICE ON ALL SIX TUBES..... **\$13<sup>40</sup>**

No. 8843. Complete combination of above kits to electrify any old battery set, needing only "B" eliminator or "B" batteries. YOUR PRICE..... **\$21<sup>50</sup>**

**R**EMEMBER! You can take any battery set and without changing one wire in your set, by using either of these combinations as shown above, you may plug in to your light socket instead of using the storage batteries or chargers. The tubes are of long life. Should you ever need to replace a tube for any reason, we show prices of individual tubes herewith. You may use either "B" batteries or any good "B" eliminator in the usual way that you would use it and

connect it to your set in the regular way. You will be in position to sell hundreds of these outfits to electrify any set in homes where there is 105 to 120 volts A.C. 50 to 60 cycle.

No. 8844. K. & H. Amplifier Tube. List. \$3.00 each. NET..... **\$1<sup>95</sup>**  
No. 8845. K. & H. Detector Tube. List. \$6.00. NET..... **\$3<sup>80</sup>**

## Latest Proven and Tested Kits and Circuits on the Following Pages

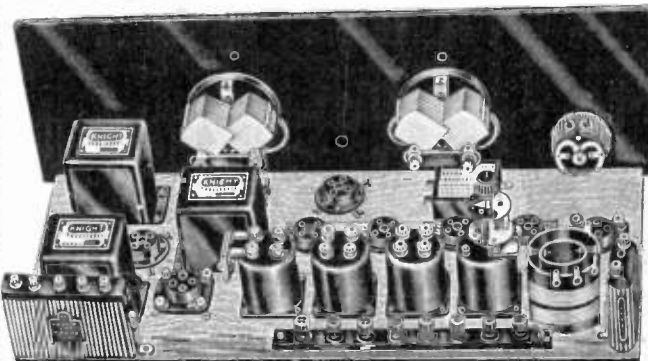
**T**HE following pages contain detailed descriptions of new 1928 circuits. Or the hundreds of kits that have been developed for the coming and past season, the most practical and efficient have been carefully selected. Only proven circuits and standard merchandise of merit are offered to you.

Our engineers have painstakingly examined and tested every circuit and every single piece of apparatus listed in the following kit and parts pages. The very best has been selected and is offered to you with our laboratories' full approval after much research.

It is a simple matter to construct any of the kits. We furnish service diagrams and layouts that anyone can readily understand. Our laboratories and service departments are always at your disposal. We will assist anyone who has difficulty in properly constructing a kit, making all necessary corrections and rewiring at a nominal charge.

## Speakers, Eliminators & Accessories Shown on Pages 53 to 81 Inclusive

# Improved Remler Best Super Nine



## Attaining World Records

**T**HE old reliable Remler Best Super 8 has developed into the new Remler Best Super 9. It is improved, modernized and offered as the ultimate in Super - Heterodyne development. It is tremendously popular.

## Powerful

## Push-Pull Amplification

The test performance of the Remler Best circuit was astounding. The new improved model with its new system of push-pull full wave power amplification sets a new standard for radio reception and quality reproduction. It is practically impossible to overload the new amplifier or cause it to distort. No need of additional power amplification. May be used with any of the new power tubes.

## Finest Tone Quality

The range of the day is tone quality. Let alone the extraordinary distance-getting values, this receiver when constructed will give the finest tone quality, the most tremendous volume, the best quality of tone that one might desire. For clarity and volume it is unsurpassed.

Efficient Remler intermediate transformers, matched and peaked at 45 kilocycles. Sharp tuning, selective, and will cut through local stations with ease. New genuine Remler twin rotor condensers. New Knight transformers.

## Easy To Wire

Furnished with full size layout and wiring diagram. Easy to assemble and simple to wire. Complete with all parts. Nothing else to buy except accessories and 7x21 in. cabinet or console of your choice.

No. 8820. Retail Price, Complete List of Parts, \$85.00.

YOUR PRICE.....

**\$44<sup>75</sup>**

## Complete List of Parts

- |  |  |
|--|--|
| 1-Bakelite 7x21 drilled panel.                 | 1-20 ohm rheostat.                       |
| 1-9x20 baseboard.                              | 2-Amperites, type 112.                   |
| 3-Remler 600 intermediate transformers.        | 1-Mica .0006 condenser.                  |
| 1-Remler 610 tuned filter transformer.         | 1-Mica .00025 grid condenser.            |
| 2-Remler twin rotor .0005 condensers.          | 1-Grid leak 2 meg.                       |
| 2-Kurz Kasch aristocrat port vernier dial.     | 1-Midget condenser.                      |
| 1-620 oscillator coupler.                      | 1-Bakelite strip with 8 binding posts.   |
| 1-4½ volt C battery.                           | 4-C battery brackets.                    |
| 1-7½ volt C battery.                           | 1-By pass condenser 1 mfd.               |
| 2-Benjamin UX cushion sockets.                 | 1-Knight K200 transformer.               |
| 1-6 ohm rheostat and filament switch combined. | 1-Pair Knight push pull transformers.    |
|  | 2-Phone tip jacks.                       |
|  | 1-Diagram, blue prints, layout, bus bar. |

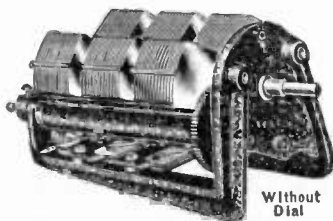
## Accessories Required

The following accessories are required and may be chosen from other pages of this catalog:

- |                            |                           |
|----------------------------|---------------------------|
| 1-Cabinet for 7x21 panel.  | 1-Box or hex type loop.   |
| 1-199 type tubes.          | 1-6 volt storage battery. |
| 2-112 or 171 tubes.        | 1-Drum or cone speaker.   |
| 3-45 volt "B" batteries or |                           |
| 1-Super "B" eliminator.    |                           |

## Remler Twin Rotor Condensers

Nationally known popular condensers specified for all the latest kits and circuits. Full 360° rotation. Spreads stations twice as far apart as the usual type condenser for ease and simplicity of tuning. Exceptional quality. Highest efficiency.



Without Dial

Single Condensers	
No. 3100.	.00035 SLW
No. 3101.	.0005 SLW
No. 3102.	.0001 SLF
No. 3103.	.00035 SLF
No. 3104.	.0005 SLF

List, each \$5.00

YOUR PRICE .....

**\$2<sup>94</sup>**

2 in Line Condensers.	
Two gang condensers furnished in .00035 type only.	
No. 3106.	2 in line SLW .00035.
No. 3107.	2 in line SLF .00035.

List, each \$12.00

YOUR PRICE .....

**\$7<sup>05</sup>**

3 in Line Condensers.	
Furnished in .00035 type only.	
No. 3108.	3 in line SLW .00035.
No. 3109.	3 in line SLF .00035.

List, each \$15.00

YOUR PRICE .....

**\$8<sup>82</sup>**

## Remler Intermediate and Filter Transformers



Genuine Remler essentials. Used in the new Remler Best Super 8 and the new Best 45 Kilocycle Superheterodyne. Adaptable to all superheterodyne circuits for greater efficiency, sharper tuning and powerful reception. The most popular long wave transformers of them all. Tuned and matched sharply at 45 kilocycles.

	List	YOUR PRICE
No. 2127. 600 Intermediate Transformer.....	\$6.00	<b>\$3.53</b>
No. 2128. 610 Tuned Filter.....	5.00	<b>2.94</b>
No. 2129. 620 Oscillator.....	3.50	<b>2.05</b>

## Remler Drum Dial

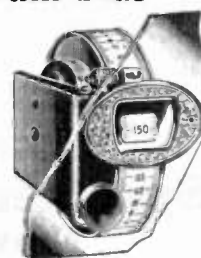
New vernier drum dial will give factory built appearance to any kit or circuit. Specified for many of the new receivers. Will take any standard make condenser. Simplifies tuning. Mounts behind panel with only window esutcheon plate and tuning knob protruding. Illuminated with miniature 6-volt lamp.

No. 2242. Right hand mounting.

No. 2243. Left hand mounting.

List, each \$4.50.

YOUR PRICE.....



# Remler

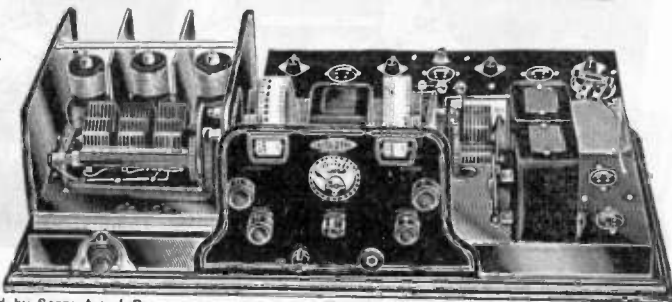
## 1928 REMLER DX INFRADYNE

### New Improved Infradyne Model

Described and specified in "Radio," "Citizens' Radio Call Book," "Radio Review and Listeners' Guide," and other leading publications.

No. 8866. Total List Value \$180.00

Your \$105<sup>84</sup>  
Price



**L**ATEST 10-tube Infradyne developed by Sargent and Remler. New, powerful circuit easily constructed with factory-built appearance and precision. Incorporates the latest developments in high grade, accurate apparatus. Basically a combination of the Remler Infradyne Amplifier, a three-stage high frequency R.F. unit tuned and matched at the factory and the new Remler tuned radio frequency amplifier. A compact unit incorporating two stages of radio frequency and detector with the new Remler three-in-line condenser completely shielded in an aluminum case. New, remarkable achievement in tuned radio frequency amplification. Remler three-in-line condenser stages both tuned R.F. stages and detector simultaneously and automatically varies the primary coupling for constant, equal transfer of energy at all wave lengths.

### Powerful, Selective Reception

The new Infradyne is the most powerful of all radio circuits combining, as it does, three stages of tuned radio frequency and three stages of intermediate radio frequency amplification. Selective and sharp tuning. May be operated as a five-tube simplified control tuned R.F. set for local reception or as a powerful ten-tube receiver for coast-to-coast distant reception at will by the flick of a switch.



### Infradyne Foundation Unit

Kit containing all that is needed for the construction of the Infradyne receiver except the radio frequency amplifier, the transformers, voltmeter, Infradyne Amplifier and cabinet.

No. 3803. List, \$52.00. **\$30.58**  
YOUR PRICE.....

### Infradyne Cabinet and Base

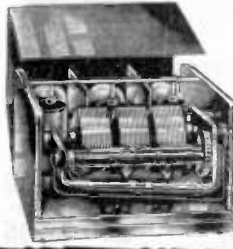
The cabinet is pure sheet copper embossed in two-tone bronze crystal lacquer with decorated wood base. Size, 11x26 in.

No. 8867. List, \$15.00. YOUR PRICE... **\$8.82**

### Remler R. F. Amplifier

A copper shielded single-dial control R.F. amplifier, completely wired. Compact unit incorporating two stages of radio frequency and detector. Can be used in combination with any audio tuned radio frequency receiver. Antenna compensator included permits complete equalization.

No. 3804. List, \$55.00. **\$32.34**  
YOUR PRICE ..



### Perfect Tone Quality

Uses the new Silver-Marshall audio transformers giving equal amplification at all frequencies for perfect reproduction. Wonderful, full, natural tone. May be used with power tubes and with highest voltage. Output transformer protects speaker from damage by heavy current.

### Simplified Control

Illuminated drum control with the Remler drum dials. Powerful multi-tube receiver with full control at the finger tips. Compact dash board type attractive etched copper control panel. New drum dials, smooth operating—no back-lash. Full 360° rotation for greatest separation. Only two main tuning controls. Attractive window and panel plate.

### Copper Cabinet

Revolutionary cabinet development. Pure sheet copper richly embossed and finished in two-tone bronze crystal lacquer. Furnished with decorated wood base size 11x26 in. Prestressed steel chassis punched for mounting all apparatus. Ease of assembly. Unexposed wiring beneath steel base. Clean, factory-built appearance. Anyone can assemble and complete this wonderful, astounding, powerful receiver as a duplicate of the laboratory model. Can actually be completely assembled and wired in a few hours' time. Furnished with complete, simple layout diagram.

### Complete List of Parts

1 Remler Infradyne Foundation Unit—contains all essential parts for the new Infradyne including bronze control panels, Remler drum dials, sockets, chokes, condensers, battery switch, resistance and all miscellaneous parts. 1 Remler Radio Frequency Amplifier—completely wired three-stage shielded amplifier with antenna compensator. 1 Remler Infradyne Amplifier. 1 Remler Infradyne Cabinet and Base. 2 8-M 220 Audio Transformers. 1 8-M 211 Output Transformer. 1 Jewell 0-5-volt Voltmeter.

Tubes for the Infradyne are 5 type 301A, 4 type X199, and 1 type 112 or 1 171.

### Remler Choke

Radio frequency choke coil used in the Infradyne and adaptable for use in any radio frequency circuit. Confines radio frequency current to the circuits in which they are intended.

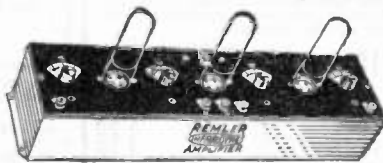
No. 2031. List, 90c. **54c**  
YOUR PRICE.....



### Remler Infradyne Amplifier

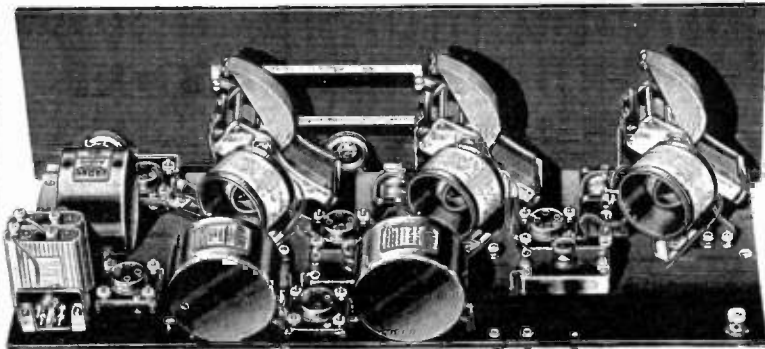
A three-stage radio frequency unit specified for the Remler Infradyne and also adapted for use in connection with practically all standard sets of the tuned radio frequency and neutrodyne type. For tubes of the CX299 type.

No. 3802. Retail List, \$27.50. **\$16.17**  
YOUR PRICE.....



ALL CASH DISCOUNTS ALREADY DEDUCTED.

# New Karas 2-Dial Equamatic



**T**HE new Karas Two Dial Equamatic is completely balanced and perfectly neutralized insuring ease in tuning and marvelously simplified control with equal and maximum efficiency over the entire broadcast wave band. Improved tone. Greater efficiency. Simplified tuning. Perfect control. The popular equamatic circuit has been vastly developed. Fully neutralized. Constant, automatic coupling.

## Entirely New

Unlike many other improved kits, is not simply improved in minor details. Every factor has been analyzed, improved and developed. The new Karas S. L. F. condensers have removable shaft, cone bearings and greater efficiency. Has a new and novel method of neutralization without loss of efficiency on high wave lengths and is sure to prove the most popular form of oscillation control yet developed.

Has the new Karas audio transformers and output filter. Tremendous volume with undistorted amplification and full. Eliminates the unpleasant, harsh, undesirable chattering of the speaker, due to the excessive "B" battery voltage. Requires 7x24 Cabinet.

## Simplified Two Dial Tuning

Two of the tuning condensers are centered on a single dial for perfect dual control of three stages without back lash, loss of efficiency or mechanical losses. Tuning to one thousandth of an inch with the new Karas micrometric dials is extremely simple. Five tubes operating to peak efficiency insure results equivalent to seven and eight-tube receivers.

### LIST OF PARTS

2-Karas type 28 Audio Transformers.....	\$8.00	\$16.00	1-2 Meg. Grid Leak.....	.45	.50
1-Karas Output Filter.....	8.00	8.00	2-Carter 2 Ohm Resistances.....	.25	.50
3-Karas type 17 Variable Condensers.....	5.25	15.75	1-Yaxley or Jones B.M. Cable Plug.....	3.50	3.50
3-Karas Equamatic Coils.....	4.00	12.00	5-Benjamin Cushion Sockets.....	.75	3.75
2 Karas Micrometric Dials 0-100.....	3.50	7.00	2-Samson Neutralizing Condensers.....	1.75	3.50
3-Karas Sub Panel Brackets.....	.70	.70	2-Sangamo .0001 Fixed Condensers.....	.40	.80
1-Karas Control System with Hardware.....	3.00	3.00	1-Sangamo .006 Fixed Condenser.....	.85	.85
2-Karas R. F. Chokes.....	2.50	3.00	2-Sangamo .001 Fixed Condensers.....	.50	1.00
1-Engraved Bakelite Panel, 7x24.....	6.50	6.50	Bus Bar-Soldering Lugs-Diagram.....	1.00	1.00
1-Bakelite Drilled Sub Panel, 9x23.....	4.15	4.15			
1-Carter 10 Ohm Rheostat.....	1.00	1.00			
1-Carter 20 Ohm Rheostat.....	1.00	1.00			
1-Yaxley Interstage Switch.....	1.75	1.75			
2-Carter Tip Jacks.....	.10	.20			
1-Sangamo .00025 Fixed Cond. with clips.....	.50	.50			

## Total Retail

\$97.90

No. 8803

Your Price

**\$57<sup>56</sup>**

## New Karas S.L.F.



either counter or clockwise dials.

No.	Cond.	List Price	Your Price
No. 1048	.00025	\$5.00	\$2.94
No. 1047	.00037	5.25	3.09
No. 1046	.0005	5.50	3.23

## New Karas Audio Transformer



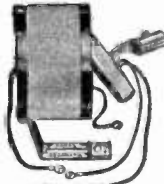
No. 1045, New Karas Audio Transformer. List, \$8.00. YOUR PRICE. \$4.71

No. 1044, New Karas Output Filter. List, \$8.00. YOUR PRICE. \$4.71

No. 1043, Karas Harmonik Transformer. List, \$5.00. YOUR PRICE. \$2.94

## Equamatic Coils

Scientifically designed for equal constant coupling over the entire broadcast range when used with extended shaft condenser.



No. 1042. Set of 3 equamatic coils including all necessary hardware for mounting. List \$12.00. YOUR PRICE. \$7.06



## Karas Orthometric

Karas Orthometric. Popular scientifically designed orthometric straight line frequency variable condenser.

No.	Cond.	List Price	Net
No. 1041	.00037	\$6.75	\$3.97
No. 1040	.0005	7.00	4.12
Extended Shaft for Equamatic			
		List	Net
No. 1039	.0001	\$6.50	\$3.82
No. 1038	.00014	6.50	3.82
No. 1037	.00025	6.50	3.82
No. 1036	.00037	7.00	4.12

No. 1035, Karas Equamatic Retard Coils. List \$1.00. Net 59c

No. 1034, Karas Sub Panel Brackets for Equamatic set of 3. List, 70c. Net.....41c

No. 1033, Karas Two Dial Control System. List, \$3.00. Net.....\$1.77

No. 1032, Karas Radio Frequency Choke 100 Mill Henry. \$2.50. Net \$1.47

No. 1031, Engraved 7x24 bakelite panel for Equamatic. List \$6.50. Net.....\$3.82

No. 1030, Drilled 9x23 bakelite sub panel for Equamatic. List, \$4.15. Net.....\$2.44

## Karas Micrometric Dial

Perfect vernier dial without back lash. Ratio 63 to 1. Can be mounted on any set with any condenser. No extra holes to drill. Diameter 4 1/4 in.



No. 1029, Clockwise 360°. List, \$3.50. YOUR PRICE.....\$2.06

No. 1028, Counter Clockwise 180°. List, \$3.50. YOUR PRICE.....\$2.06

# 6 Tube Single Control Kit

## Latest Design Simplified Control

**B**UILDERS of this new single control six tube receiver report reception over thousands of miles with full loud speaker volume. Single control permits anyone without experience to operate this remarkable receiver and bring in distant stations with ease.

## Wonderful Tone Quality

Three stages low ratio transformer coupling amplifies the weakest signal to full strength without forcing or overloading. Permits use of the new 112 or 171 power tubes. Transformers of latest design, highest quality—large coil with heavy core. Perfect amplification. Natural reproduction with any good loud speaker.

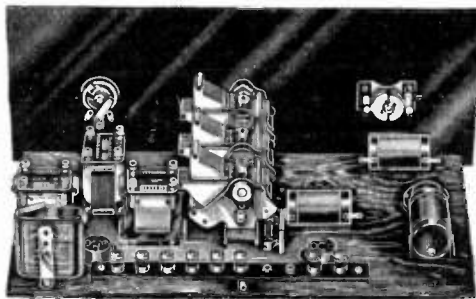
## Precision Parts

Nothing stinted in this new kit. Finest grade triple gang modified straight line frequency condenser. Rugged construction. Latest design. Accurate space wound radio frequency coils—wound with enameled wire on machine threaded genuine bakelite tubing. Inductances guaranteed accurate within one-half of one per cent. Dual midgeit condenser permits accurate phasing of tuning condenser at all wave lengths. Low losses. All material of the finest grade. Nationally known apparatus.

### List of Quality Parts Furnished

One bakelite 7x18 drilled panel, one 9x17 baseboard, one triple modified S. L. F. .00035 condenser unit, three space wound low loss coils, three low ratio audio transformers, one Cardwell dual balancer condenser, one Carter Hi-Ohm with switch 200,000 ohms, two Amco tip jacks, six bakelite UX sockets, one Micamold .00025 grid condenser, one bakelite binding post strip, six posts, one bakelite binding post strip, two posts, one grid leak 2 meg., one 4½ volt "C" battery, two brackets, screws, wire, lugs, miscellaneous. Nothing else to buy except 7x18 cabinet.

No. 8853. Complete List Value, \$35.00. YOUR PRICE.....



### Easy to Build

Full size layout diagram furnished with each kit. Shows position of parts with simplified wiring instructions. Anyone can assemble and wire this powerful six tube single control kit in a few hours time. No experience required. Non-technical diagram.

### Lowest Price—Highest Quality

We offer you the most moderate priced six tube single control kit using the best grade materials throughout that has ever been placed on the market. Do not be deceived by a cheaper assembly of mediocre parts. Compare our list of parts and the high grade of material that we furnish throughout. Priced far lower than the individual parts would cost if purchased anywhere else.

Retail \$35.00

**\$18<sup>75</sup>**

## Radio Frequency Essential Kits

New essential kits consisting of highest grade low loss modified straight line frequency condensers and latest design accurate space wound radio frequency coils.

No. 3141. Three Dial Essential Kit: 3 .00035 modified S. L. F. condenser: 3 space wound coils.....

**\$3<sup>95</sup>**

No. 3142. Two Dial Essential Kit: 1 double .00035 modified S. L. F. condenser: 1 single .00035 modified S. L. F. condenser: 3 space wound low loss solenoid coils.....

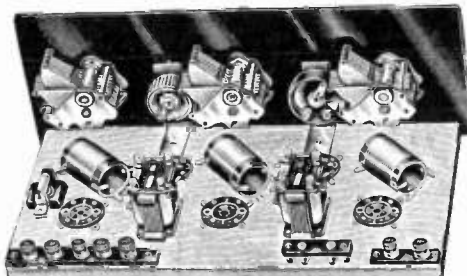
**\$4<sup>25</sup>**

No. 3143. Single Control Essential Kit: 1 triple modified S. L. F. condenser unit .00035: 3 matched space wound solenoid radio frequency coils.....

**\$4<sup>95</sup>**

No. 3144. Set of 3 Basket Weave Coils..... **90c**

## 5 Tube Radio Frequency Kit



### List of Parts Furnished with this Kit

One 7x18 drilled and decorated metal panel, one 9x17 baseboard, three modified S. L. F. .00035 condensers, three space wound low loss coils, two low ratio audio transformers, five bakelite UX sockets, one 10 ohm rheostat, one filament switch, one variable resistance 200,000 ohms, one grid condenser .00025, one grid leak 2 meg., one pair panel brackets, one binding post strip, two posts, one binding post strip, five posts, one bakelite strip, two tip jacks, screws, lugs, wire, miscellaneous, one wiring diagram.

No. 8854. Complete List Value \$40.00. Your Special Price

**\$13<sup>25</sup>**

**T**HE popular, dependable stand-by. Highly efficient with best grade parts throughout. Lowest price, lowest upkeep cost.

### Popular Reception

Many long distance records have been established with this simple five tube receiver. Highest quality. Low loss condensers and space wound coils. Best grade low ratio audio frequency transformers. Clean cut layout. Easy to wire and assemble. Complete control. Three dial individual stage tuning. Variable resistance oscillation control. Clarity control.

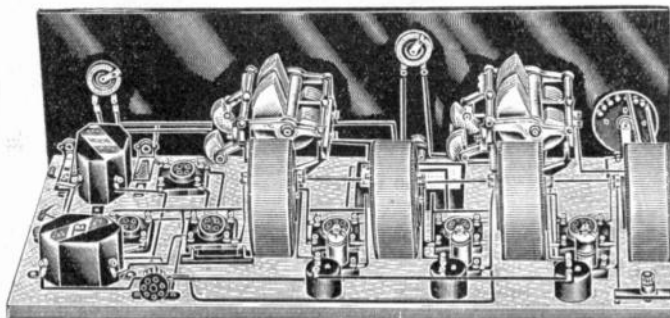
### Popular Demand

Five tube receivers represent the majority of radio sets in general use. Our low price cannot be beat. You cannot purchase this quality, carefully designed apparatus anywhere at the extremely low price that we are offering this five tube kit. Complete parts with full size layout—diagram non-technical. Simple to assemble and easy to wire within a few hours time. Your money making opportunity.

# Bremer Tully

## New Counterphase Power Six

Developed from the Famous Bremer-Tully Counterphase Six. Contains many new remarkable developments



### SIMPLIFIED CONTROL

The new power six employs three stages of tuned B. F. amplification. The additional stage makes possible far greater selectivity and greater receiving range with a short or inside aerial. The number of controls have been reduced to two. Includes power tube output. The new power tubes may be used in the output stage. Improved reception and tone quality is thus obtained with greater volume. Many new features, including new hatching condensers, Jones Multi-plug, universal sockets and wiring harness. Easy to build and assemble with the complete instructions and wiring diagram and the color coded wiring harness.

#### LIST OF PARTS

- 1—B. T. Power Six Kit.
- 1—7x24 panel.
- 1—Baseboard.
- 1—B. T. Euphonic Transformer, 2.2 to 1.
- 1—B. T. Euphonic Transformer, 4.7 to 1.
- 2—B. T. Tuning Controls.
- 1—.001 mfd. fixed condenser.
- 1—.00025 mfd. fixed condenser.
- 3—.005 mfd. fixed condensers.
- 2—1. mfd. fixed condensers.
- 1—2 meg. grid leak.

- 6—B. T. U. X. sockets.
- 1—Double circuit jack.
- 1—Single circuit jack.
- 1—Filament switch.
- 1—3 ohm Rheostat.
- 1—Single pole double throw jack switch.
- 6—Binding posts and mounting strips.
- 2—4½-volt "C" Batteries.

No. 8836. **Loose** \$  
Screws and Hookup  
Wires. Shpg. wt. 13  
lbs. List Value \$76.00

**B. T. POWER SIX ESSENTIAL KIT**  
1—T. A. Torostyle Transformer.  
3—T. C. Torostyle Transformers.  
2—L. D. 17 condensers.  
3—B. T. Mikro Mike Condensers.  
3—B. T. R. F. Chokes.  
1—B. T. 500,000-ohm resistance.  
3—1500 ohm resistances.  
1—Set colored charts  
and diagrams.  
No. 8835. **List** \$  
Price, \$41.50.....

**\$45<sup>60</sup>**

**\$24<sup>42</sup>**

### B. T. Short Wave Outfit

Essential short wave kit consisting of 4 interchangeable coils and base and one adjustable coil for 12 to 200 meters. Is in addition to the parts shown: 1 B. T. .00015, 1 B. T. .00025 variable condensers. Two stages of A. F. amplification are required in addition.

No. 8837. **List Price, \$8.00..... \$4.71**

### B. T. Lifetime Condensers

Constructed of the finest materials and have an adjustable life-time bearing. Single hole mounting. Pig-tailed rotor. Grounded frame. Heavy aluminum plates and ends.

#### STRAIGHT LINE WAVE

LENGTH		
1162	.00015	\$4.25
1163	.00025	4.50
1164	.00035	4.75
1165	.0005	5.00
1166	.0005	5.00

#### STRAIGHT LINE FRE-

QUENCY		
1166	.00025	\$5.50
1167	.00035	5.75
1168	.0005	6.00

### Multiple Condenser

Double condenser unit specified in the Counterphase. Consists of 2 .00035 units mounted on one shaft. Has trimmer compensators on each section. List, \$8.50.

1169. Double unit. **\$5.58**

### Euphonic Transformers

Scientifically constructed, they give amplification equal in quality to that obtained with impedance coupling, but only two stages are required.

No. 1160. Ratio 2.2 to 1. List Price, \$5.00. **\$2.96**

No. 1161. Ratio 4.7 to 1. List Price, \$5.75. **3.38**

### B. T. Tuning Control

Finely finished and splendid looking. Makes possible the finest degree of adjustment. One-half graduated 0 to 100 and the other 100 to 0. Used with any type condenser — clockwise or counter-clockwise.

No. 1170. **\$1.47**  
List, \$2.50..

### B. T. 3-Circuit Tuners

Bank - wound, skeleton frame, adjustable primary. Single hole or base mount. Tuned with .00025 condenser.

No. 1172. Type B. 200 to 565 meters. List, \$5.00. **\$2.94**

NET .....  
No. 1173. Type SW. 50 to 150 meters. List, \$4.00. **\$2.35**

NET .....

### B. T. Mikro Mike Condenser

Has range of from 1½ to 30 mmf. Used in the Counterphase. Can be accurately adjusted with ease.

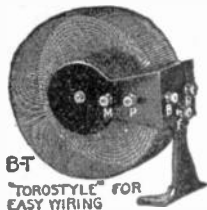
No. 1174. List Price, \$1.00..... **59c**

### B. T. R. F. Choke Coil

Used to prevent R. F. currents from entering the audio circuits. Should be used with all R. F. receivers. Specified in many kits.

No. 1171. List, 90c. **53c**

### B. T. Torostyle Transformers



Specified for the patented Counterphase Six. May be mounted close together. No losses. Substantially constructed.

No. 1175. Type T. A. Antenna Coupler.

No. 1176. Type T. C. for intermediate R. F. stages.

No. 1177. Type 4-A for 4-tube sets. **\$2.35**  
List, \$4.00....

# Improved 9 Tube Super Our Own Special Offer

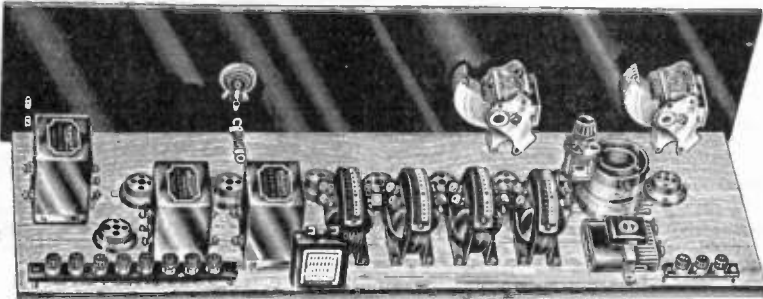
Thousands of Users Testify to this Wonder Kit

LIST PRICE  
VALUE

\$90.00

YOUR  
PRICE

36<sup>40</sup><sub>—</sub>



**S**TATIONS from coast to coast received from the loop or outside aerial! European stations during the Trans-Atlantic tests! That is the record of the quality Super-Heterodyne which comes to you with drilled panel, low-loss straight-line condensers, peaked intermediate frequency transformers and finest quality parts obtainable. Fits into 7x30 cabinet. **THIS IS THE WONDER OF THE SEASON.**

## NEW FEATURES

Nine tubes functioning to peak efficiency. Powerful, sensitive, selective and distortionless. The new nine-tube Super-Heterodyne will cut through powerful local stations and bring in the distant stations with full volume, perfect tone and enormous power.

## ULTRA MODERN

New push-pull power transformers for full wave distortionless amplification. Adapted to the new power tubes. Wonderful results obtained with 112 or 171 power tubes in the push-pull power stage. Can even be used with the super-power 210 tubes. The volume and power amplification obtainable is enormous. Uses the new Knight K200 and Knight push-pull transformers. The high efficiency and selectivity of the intermediate transformers is an established fact.

## SIMPLIFIED TUNING

New modified straight-line frequency condensers spread the stations evenly over the full scale. Only one other control for volume.

## Antenna or Loop

The nine-tube Improved Deluxe Super can be furnished with antenna coupler for antenna operation, if desired. Though powerful enough for distant reception with loop aerial, the selectivity of this remarkable receiver is in no way impaired when used with antenna.

## Complete List of Parts:

- 1—7x30 drilled panel
- 1—9x29 baseboard
- 2—Modified SLF .0005 condensers
- 1—Midget condenser
- 3—Intermediate transformers
- 1—Intermediate filter
- 1—620 oscillator
- 1—Knight K200 transformer
- 1—Pair Knight push-pull transformers
- 1—Carter 400-ohm potentiometer with switch combined
- 1—Carter .5-ohm fixed resistor
- 1—.5 mfd. by-pass condenser
- 1—4½-volt "C" battery
- 2—Benjamin UX cushion sockets
- 7—Bakelite UX sockets
- 1—Bakelite strip with three binding posts
- 1—Bakelite strip with eight binding posts
- 2—Phone tip jacks
- 1—Mica fixed condenser .0025
- 1—Mica grid condenser .00025
- 1—Grid leak, 2 meg.
- 1—Bracket for "C" battery

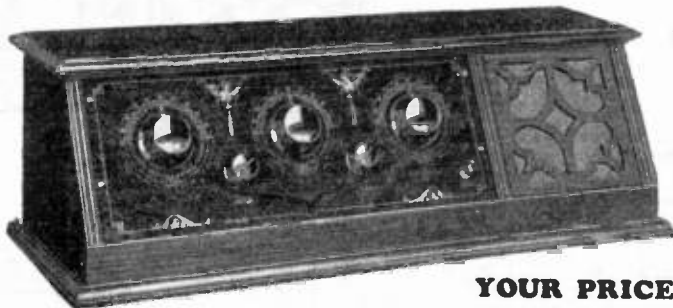
Retail List \$90 36<sup>40</sup><sub>—</sub>  
No. 8817. YOUR PRICE

No. 8818 Special Super for Antenna  
Operation Equipped with \$38<sup>40</sup><sub>—</sub>  
Antenna Coupler  
YOUR PRICE

No. 8819. Either Super complete, with Mahogany Cabinet.... \$41.90

# RADYNOLA EXCELLO SET

There has been created a tremendous demand for the Radynola Excello Table model with built-in speaker and unit. Cabinet fully 27½ in. long, hand-rubbed mahogany finished. This set is guaranteed same as the other sets we offer.



## WONDERFUL VALUE

There is no question but the Radynola Excello 5 is a wonderful value with solenoid coils, straight-line condensers and sub-panel construction. Five tubes, great volume, wonderfully selective.

## SPECIALY PRICED

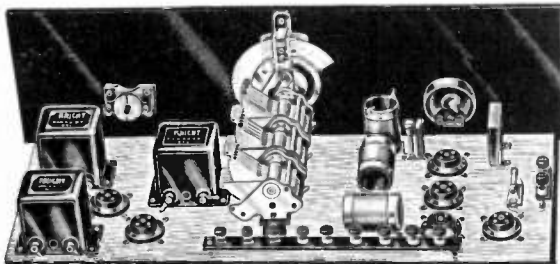
We have priced this especially low in order to put you in position to make a bigger profit on the Excello. It is complete with built-in speaker and unit.  
No. 9052. LIST PRICE \$60

YOUR PRICE

\$26<sup>25</sup><sub>—</sub>

# Single Control 7-Tube Kit Illuminated

Latest, most popular modern development. Only one efficient tuning dial. Perfect ease of operation. Powerful, selective, sensitive with power amplification. Even a child can tune in the distant stations with this newly developed receiver. Space wound inductances. Variable resistance oscillation and volume control. Illuminated dial. Tuning dial has translucent scale illuminated by a small 6 v. lamp and easily read through the attractive panel window. Wonderful tone quality. New Knight power transformer and Knight push pull full wave power transformers for use with the new 112 or 171 tubes. Carefully engineered and offered as a kit easy to assemble and simple to build.



## COMPLETE LIST OF PARTS

- 1—Bakelite 7x24 panel drilled.
- 1—9x23 baseboard.
- 1—Modified SLF triple, .00035 condenser.
- 1—Illuminated dial.
- 3—Space wound R. F. coils.
- 1—Grid condenser .00025.
- 1—Grid leak 2 meg.
- 1—Single mounting.
- 1—1 resistor.

- 1—Variable resistance 200,000 ohm with switch.
- 1—Cardwell dual midket condenser.
- 2—Bakelite UX sockets.
- 1—By-pass condenser .2.
- 1—Binding post strip with two posts.
- 1—Binding post strip with eight posts.
- 1—Knight K200 transformer.
- 1—Pair Knight push pull transformers.

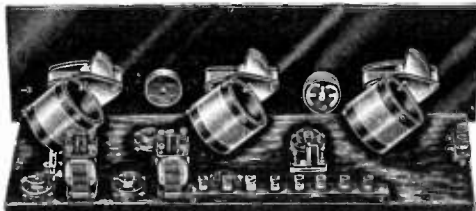
No. 8830

Total List, \$65

YOUR PRICE

**23<sup>75</sup>**

# Improved 5-Tube Neutrodyne



Genuine Hazeltine licensed neutrodyne parts. Newly developed, highly efficient, selective and powerful five tube receiver. Simple to build and construct. Free from oscillation, howls and squeals. Easily neutralized. The Neutrodyne circuit with its simplicity of operation is being adapted by more and more radio manufacturers. New improved parts. Latest developments. Selective and powerful with perfect reproduction. Full size layout diagram.

## LIST OF PARTS

- 1—Bakelite 7x24 panel, drilled.
- 1—Neutrodyne Essential Kit with neutraformers, variable condensers and neutralizing condensers.
- 5—Bakelite UX sockets.
- 1—2 ohm rheostat with filament switch.
- 1—Modulator 500,000 ohms.
- 2—Columbia transformers 3½-1.
- 3—Bakelite dials.

- 1—Fixed condenser, .001.
- 1—Grid condenser .00025.
- 1—Grid Leak, .2 meg.
- 1—Fixed condenser, .01.
- 2—Tip jacks.
- 1—Binding post strip with 8 posts.
- 1—Binding post strip with 2 posts.
- 1—Wiring diagram.
- Screws, wire, lugs, etc.

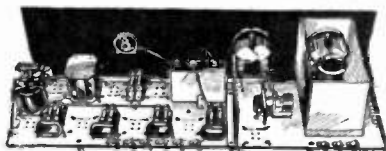
No. 8831 List Value \$48

YOUR SPECIAL PRICE

**\$19<sup>55</sup>**

# POPULAR MECHANICS Economy 9-Super

The new 1928 superheterodyne circuit described and specified in November Popular Mechanics. Designed particularly to meet the abnormal conditions of the congested Chicago district where a large number of powerful broadcasting stations are transmitting simultaneously. Selective to the utmost degree yet it is simple to tune and easy to handle. The Remier twin rotor condensers with full 360° range separate stations easily. Fully shielded oscillator prevents possibility of pick-up or interstage coupling. Resistance coupled intermediate frequency amplification. Tuned stage filter of the highest perfected type. Resistance and power transformer audio frequency for perfect



of reproduction and adaptation to any of the new power tubes. High amplification is secured with the new HI-MU tubes having extremely high amplification factor. Nationally known apparatus of quality. Genuine specified parts throughout.

## COMPLETE LIST OF PARTS

- 1 Bakelite 7x26 panel, drilled, \$5.60;
- 1 Bakelite 7x26 sub panel, \$5.10; 1 Pair SM 510 brackets, 70c; 2 Remier .0005 condensers, \$10.00; 2 Remier dials 636, \$2.00; 1 Frost 25 ohm rheostat, 75c; 1 Frost open circuit short jack, 50c; 1 Frost filament switch, 50c; 1 SM 342 midket condenser, \$1.50; 1 Benjamin UX cushion sockets, 70c; 8 Pkgs. American U-X prong contacts style A with one steel template, \$2.00; 1 SM 631 aluminum shield, \$2.60; 1 SM 110A coil,

- \$2.50; 1 SM 515 coil socket, \$1.00; 1 SM 240 audio transformer, \$6.00; 1 SM 211 filter transformer, \$6.00; 1 Sangamo or Tobe .0005 condenser with clips, 50c; 4 Sangamo or Tobe .0005 condensers, \$1.60; 2 Sangamo or Tobe .0025 condensers, \$1.00; 1 Sangamo or Tobe .00025 condenser, 40c; 1 Sangamo or Tobe .006 condenser, 85c; 1 Alcoa aluminum shield, \$2.50; 1 Tobe 1 mfd. condenser, 90c; 5 Double resistor mountings, \$2.50; 5 Tobe 100p .25 meg. resistors, \$2.50; 5

- Tobe 100p .1 meg. resistors, \$2.00; 1 Tobe 1 meg. resistor, 50c; 1 Tobe 2 meg. resistor, 50c; 2 Amerperites 3A, \$2.20; 1 Amerperite 1A, \$1.10; 1 Amerperite 112, \$1.10; 1 Wiring diagram, 25c; Screws, lugs, wire, etc., 50c; 4 lengths spaghetti tubing, 50c. Total List Price, \$68.25.

No. 8829.

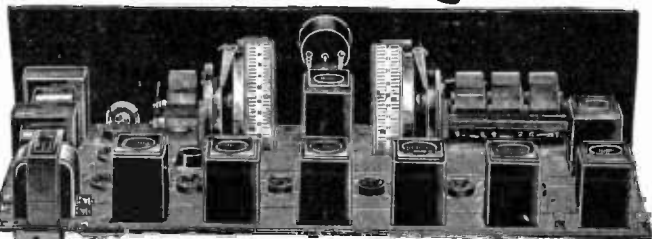
YOUR SPECIAL PRICE .....

**\$40<sup>50</sup>**

# New World's Record Super 10

## Most Powerful Receiver

THE new feature circuit employs the new Scott Selectone units and the new Remler triple condenser. The new Remler drum dials enhance its attractive design. Keen, non-critical selectivity. Tunes through local stations with practically full local volume. Cuts through the most crowded districts even where there are powerful broadcasting stations in the vicinity. Holds world's record for greatest distance with loop aerial. Holds world's record for greatest number of stations heard at a distance of 6000 miles or more. Many other records all verified and attested.



## Holds All Principal World's Long Distance Records

### Tremendous Undistorted Volume

The new 10-tube Super powerfully amplifies the weakest signals. Amplification is clear and without distortion. Does not overload or cause harshness or chattering. Wonderful tone quality. Natural with tremendous volume.

### Easy to Assemble

Complete building instructions. Full size diagrams. Quality apparatus simple to mount and build that anyone can assemble as an exact duplicate of the laboratory model. One of the most astounding receivers of the season.

#### List of Parts:

1 Formica Panel, drilled and engraved, 28x18x $\frac{1}{8}$ , \$6.70; 1 Formica sub-panel, drilled 25x18x $\frac{1}{8}$ , \$7.00; 1 Remler 3 in line condenser, No. 633, .00035, \$15.00; 1 Remler condenser, No. 638, .00035, \$5.00; 2 Remler drum dials No. 110 (1 each 110 and 110R), \$9.00; 2 Remler R.F. Choke Coils, No. 35, \$1.80; 2 Thordarson audio transformers, R200, \$16.00; 1 Thordarson output transformers, No. 76, \$6.00; 2 Selectone L.W. transformers, No. B500, \$12.00; 2 Selectone L.W. transformers, No. B510, \$12.00; 2 Selectone R.F. transformers, No. 520, \$10.00; 1 Selectone antenna coupler, No. 530, \$5.00; 1 Selectone oscillator coupler, No. 540, \$5.00; 10

Benjamin sockets (without bases) \$5.00; 1 pair Benjamin brackets, No. 8629, \$0.75; 1 Carter rheo IR-15-S ohms, \$1.50; 1 Carter rheo 30 ohms, \$1.00; 1 Carter power rheostat MW-1 ohm, \$0.75; 1 Carter Imp Pot. IR-400 ohms, \$1.25; 1 Carter fixed condenser, .00025 with grid clips, \$0.50; 1 Carter fixed condenser, .002, \$0.50; 1 pair No. 10 Carter pin jacks, \$0.20; 1 SM balancing condenser, No. 540, \$1.50; 1 Jewell Voltmeter, 0-8 volts, Pat. 135, \$7.00; 4 Tobe by-pass condensers, 1 mfd., \$3.60; 1 Tobe grid leak, \$0.50; 1 Jones 10 contact plug and 4 ft. cable type B.M., \$3.50; 40 Kellogg soldering lugs, \$0.25; 30 ft.

#### List of Parts:

Belden rubber covered hook-up wire, \$0.25; blue prints, \$0.25. Total List price, \$138.80.

No. 8811. YOUR NET PRICE \$90.22. Less 2%.....

**Total List Price \$138.80**

**YOUR PRICE**

# \$88<sup>42</sup> Net

## New Selectone Transformers

For Baseboard Mounting. Furnished in matched sets.

No. 1149. R400 Intermediate Transformer. List, \$6.00. NET.... **\$3.81**

No. 1150. R410 Tuned Filter Transformer. List, \$6.00. NET..... **\$3.81**

No. 1151. Oscillator Coupler. List, \$3.50. NET..... **\$2.28**

## New Matched Selectone Units For Sub-Panel Mounting

No. 1144. Selectone B500 Intermediate Transformer. List, \$6.00. NET..... **\$3.81**

No. 1145. Selectone B510 Tuned Filter. List, \$6.00. NET..... **\$3.81**

No. 1146. Selectone B520 Radio Frequency Transformer. List, \$5.00. NET..... **\$3.19**

No. 1147. Selectone B530 Antenna Coupling Unit. List, \$5.00. NET..... **\$3.19**

No. 1148. Selectone B540 Oscillator Unit. List \$5.00. NET..... **\$3.19**

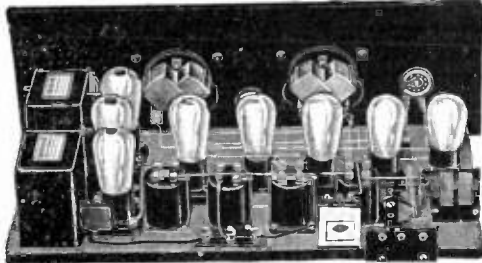


## New World's Record SUPER 8

THE popular renowned Super 8 greatly improved for superior tone quality and ease of operation employs standard Selectone base mounting long wave transformers known the world over for their efficiency. Brings in distant stations not only on silent nights but during any night of the week when weather conditions are reasonably normal. Known the world over for its efficiency. Powerful, selective with wonderful tone quality.

### Simple to Build and Construct

Full size diagrams furnished. Simple layout. Anyone can build it. Tube for tube one of the most efficient eight tube circuits ever designed.



2-Remler condensers No. 631 \$10.00  
1-Hammarlund midgeot condenser .00005 1.80  
2-Selectone transformers R400 12.00  
2-Selectone transformers R410 12.00  
1-Selectone Oscillator coupler No. 340 3.50  
2-8M audio transformers No. 220 16.00  
8-Benjamin sockets 6.00  
2-Tobe by pass condensers 1 mfd. 1.80

#### COMPLETE LIST OF PARTS:

1-Carter fixed condenser .002 \$0.50  
1-Carter HI-Ohm 500,000 ohms 2.00  
1-Carter rheostat IR 30.... 1.00  
1-Carter rheostat IR 68.... 1.50  
2-Carter fixed resistance 1 1/2 ohm .25  
3-Carter tip jacks No. 10.. .20  
1-Carter jack No. 1..... .25  
3-X. L. binding posts ..... .45

2-Kurz Kasch dials ..... \$4.00  
1-Bakelite panel 7x24x $\frac{1}{8}$ .... 3.94  
1-Wood baseboard 9x23.... 1.00  
Bus bar and lugs ..... 1.50  
Blue print ..... .50  
Retail List Price.....\$79.69  
No. 8812.

Net **\$51.80**  
Less 2% **\$50<sup>76</sup>**  
**YOUR PRICE**

# Silver Marshall



## Improved Silver Laboratory Super

The performance of the improved laboratory model Shielded Super is a positive revelation. Selective enough to actually cut side-bands of local stations and will separate local and out of town stations in many cases less than ten kilocycles apart.

The New Jeweler's Time Signal Amplifier tuned accurately at 112 kilocycles is admirably adapted as the intermediate amplifier for the new Laboratory Super. High quality audio amplification with the famous S-M 220 transformers. Adaptable for use with 201A, 240, 112 or 171 tubes, also for new A.C. tubes. Completely shielded first detector and oscillator units. Will be found listed by many at a slightly lower price without the shields. We are offering it complete, however, with shields for full efficiency. Described and specified in the Citizen's Radio Call Book and other popular publications.

### Complete List of Genuine Parts

1—Van Doorn panel and chassis unit with hardware.....	\$ 8.50	2—S-M 806 vernier drum dials.....	6.00
1—Carter .00015 condenser with clips.....	.50	1—S-M 275 R.F. choke.....	.90
1—Carter M200 potentiometer.....	.75	1—S-M 342 condenser.....	1.50
2—Carter .5 condensers.....	1.80	1—S-M 440 time signal amplifier.....	35.00
1—Carter 3-ohm rheostat.....	.50	1—S-M 550 coil socket.....	2.00
4—Carter No. 10 tip jacks.....	.40	2—S-M 111A coil.....	5.00
1—Carter pilot switch.....	.50	9—X.L. binding posts.....	1.35
1—Polyraet 2-meg. grid leak.....	.25	2—S-M 320 .00035 condensers.....	6.50
2—S-M 220 transformers.....	16.00	2—S-M 631 stage shields.....	4.00
4—S-M 511 tube sockets.....	2.00	<b>Total List.....</b>	<b>\$93.45</b>

**8801 YOUR PRICE**

**Total List \$54.95**  
**\$93.45**

## S-M UNIPAC KITS

THE NEW S-M UNIPAC KITS, complete with attractive crackle finished steel cabinets and pierced steel chassis. WILL SUPPLY "B" CURRENT FOR ANY RADIO RECEIVER, AND ALSO "A," "B" AND "C" VOLTAGES FOR THE TWO POWER TUBES used in the pack. Splendidly adapted as phonograph amplifiers in conjunction with the new electrical phonograph pick-ups displayed on another page of this catalog. A voltage regulator tube is used to maintain constant voltage.

The S-M 660-210 Push-Pull Unipac is truly the most powerful power pack that has ever been developed for radio amplification. Utilizes 2 316B rectifiers and 2 CX310 tubes in push-pull. The new 110-milliamper CX381 full-wave rectifier may be used in place of the 2 CX316B tubes. Tubes required are 2 CX316B's, 1 CX374 and 2 CX310's.

No. 1565. List. \$83.25. **YOUR PRICE \$48.95** without tubes.

No. 1564. S-M 666. The 660-210 Unipac completely assembled and wired, ready for operation. Tubes not included. List, \$93.25. **YOUR PRICE \$54.83**

**S-M 660-171 UNIPAC**  
No. 1561. The limit of power amplification obtainable with the Raytheon 84 tube is secured with this remarkable new power pack using two 171's in push-pull for full-wave power amplification. Supplies "B" current to any radio receiver as well as "A," "B," "C" voltages to the 171 power tubes used. Tubes required: 1

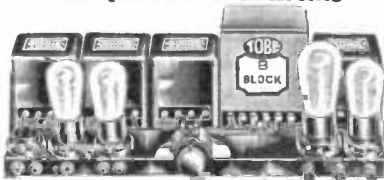
Raytheon BH 85-mill., 1 CX374, 2 CX310's. List, \$64.00, without tubes. **YOUR PRICE \$37.60**

No. 1562. S-M 660-171A Unipac, with windings for "A" and "C" power to new A.C. tubes. List, \$66.00. **YOUR PRICE \$38.85**

No. 1567. S-M 667 Unipac. The 660-171 Unipac completely wired, ready for operation. Tubes not included. List, \$74.00. **YOUR PRICE \$43.50**

No. 1568. S-M 667A Unipac. Identical to 667, completely wired, with filament winding for "A" and "C" power to new A.C. tubes. List, \$76.00. **YOUR PRICE \$44.65**

### Complete Power Pack Kits



### Filter Transformer Long Wave

No. 1097. S-M 210 Long Wave Transformer. An iron core sharply peaked long wave intermediate transformer for superheterodyne construction. List, \$6.00. **YOUR PRICE \$3.53**

No. 1096. S-M 211 Long Wave Filter Transformer. A sharply tuned air-core filter used with S-M 210 transformer. Can furnish peaked and matched with intermediate transformers. List, \$6.00. **YOUR PRICE \$3.53**



No. 1094. S-M 276 R.F. Choke. For superheterodynes or long-wave receiver tuning from 600 to 3000 meters. Inductance, 10 millihenries. List, \$1.00. **YOUR PRICE 59c**

No. 1095. S-M 275 R.F. Choke for standard receivers tuning to 600 meters maximum. Inductance, 2 1/2 millihenries. List, 90c. **YOUR PRICE 53c**



### S-M 440 Jeweler's Time Signal Amplifier

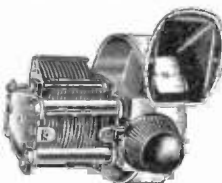


#### Superheterodyne Intermediate Amplifier

The Jeweler's time receiver is a long-wave amplifier definitely tuned to 112 kilocycles—2577 meters. Adapted to long-wave intermediate superheterodyne amplification. The selectivity of this unit is so sharp that interference from other wave lengths is impossible. Each stage is individually shielded. Simple to connect and hook, with 8 binding posts.

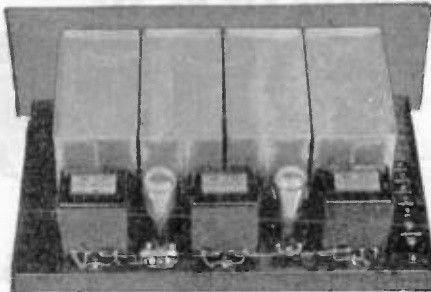
No. 1566. S-M 440 Time Signal Amplifier—In completely wired form, factory sealed. Guaranteed. List, \$35.00. **\$20.58**  
**YOUR PRICE**

### Vernier Drum Dial



No. 1098. Makes possible home-built kits with factory-built appearance. Attractive bronze escutcheon plate or window. Simple to mount for either right or left-hand condenser mounting. Dial readings controlled by panel knob. Lamp bracket for illuminating. List, \$3.00. **YOUR PRICE \$1.76**

# Silver Marshall



**Latest Shielded Six**  
**Stage Shielded—Marvelous Tone**  
**Quality—Powerful—Selective**

## IMPROVED SHIELDED SIX

THE 1927-28 improved model of the famous Shielded Six is one of the finest types of broadcast receivers ever developed in the S-M laboratories. Three stages of tuned radio frequency with sensitivity control provide peak efficiency over the entire broadcast band. Individual stage shielding prevents internal oscillation or pick up of outside noise interference. Remarkable tone quality is obtained with the highly efficient Silver-Marshall transformer. Two dial control of the three R. F. and detector stage is provided with the S-M link motion. Tuning stages are so accurately matched that no balancing or compensation is required. The receiver is assembled upon a drilled steel chassis with decorated metal panel and removable aluminum shields. Remarkably simple to construct and smooth and efficient in operation. Sufficiently selective to separate powerful local stations and bring in distant stations with ease, volume and clarity of reproduction. Equipped with new walnut vernier dials. \$55.55. List \$95.00 complete. YOUR PRICE.....

**\$55<sup>85</sup>**

No. 1093. Shielded Six Panel. Decorated metal panel 7x21 inches, pierced. List, \$8.50. YOUR PRICE..... **\$5.00**

No. 1092. Shielded Six Chassis. Type 634. Black japanned formed steel chassis, pierced for all instrument mountings. Size 12x19 1/4x1 1/4. All screws, lugs and hardware included. List \$6.00. YOUR PRICE..... **\$3.53**

## THE NEW IMPROVED SILVER COCKADAY II KIT

### SELECTIVE AND SENSITIVE

The sensitivity of the receiver is amazing—it has been designed to meet the unusual conditions found in the crowded New York and Chicago districts. An instrument capable of giving satisfactory results in either of these areas is sure to give satisfaction in any locality.

### VOLUME AND TONE QUALITY

The S. C. II will provide sufficient volume for home entertainment and dancing purposes. With average favorable conditions, stations hundreds of miles away may be received with ample loud speaker volume.

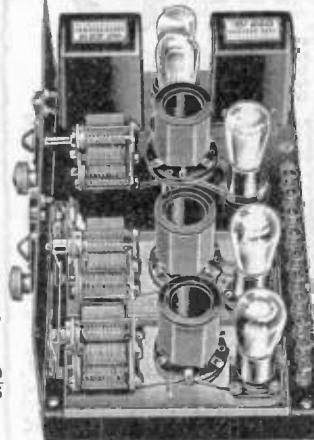
### EASY TO BUILD AND OPERATE

The kit is extremely simple to assemble because every detail of its construction has been planned with the utmost care. It is supplied with a metal chassis and panel accurately pierced for mounting all instruments.

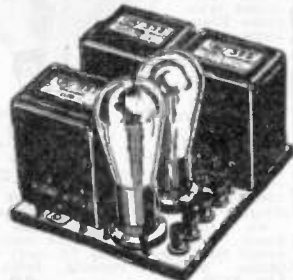
### LIST OF PARTS

1—Carter H 1/2 resistor.....	\$0.25	1—SM 116A condenser.....	\$4.50
1—Carter M200 S potentiometer	1.25	1—SM 637 link motion.....	2.00
2—Carter tip jacks.....	.20	2—SM 315 sockets.....	2.00
1—Benjamin No. 9040 UX socket.....	.75	2—SM 311 sockets.....	3.00
10—Ely binding posts: ant. ant. gnd. A + A—C—C—45 + 90 + amp. +.....	1.50	2—SM 220 transformers.....	1.60
2—National type B clockwise vernier dials.....	5.00	1—SM 116A coil.....	2.50
2—Tobe 1 mfd. condensers.....	2.00	2—SM 118A coils.....	5.00
1—Tobe .002 condenser.....	.40	2—SM 631 stage shields.....	4.00
2—SM 316B condensers.....	9.00	1—Van Dorn S. C. chassis with formed steel panel, nuts, screws, insulators and lugs.....	5.00
		Total List Value.....	\$64.35

**8802 YOUR PRICE \$37<sup>85</sup>**



## IMPROVED 652A RESERVOIR "B"



The 652 "B" Power Supply Kit contains all the parts necessary to construct a high quality "B" battery eliminator for use with any standard radio receiver. Used with any 105-120 volt 60 cycle A. C. Sufficient voltage and current to operate sets from 1 to 10 tubes. Has power output voltage of 180 v. for 171 power tube and 40 v. C bias. Also has 45 and 90 v. taps.

The CX 374 voltage regulator maintains the output of the eliminator at constant voltage regardless of load. No adjustments or variable resistances.

Has filament windings for A.C. tubes, also for filament of power tube. Complete ABC supply for any set using new A.C. tubes. Can be used

with quality resistance coupled or impedance coupled amplifiers. Complete parts included. Simple to construct and easy to install.

No. 1553. List, \$36.50. YOUR PRICE..... **\$21<sup>47</sup>**

Requires CX 374, Raytheon BH rectifier tubes not included with kit. These tubes will be found listed on the tube pages.

No. 1552. S-M 656A Reservoir "B" Completely Wired. List without tubes \$40.50. YOUR PRICE..... **\$23<sup>82</sup>**

S. M. 632 Triple Link Motion. No. 1091. List, \$2.50. NET.... **\$1.47**

S. M. 637 Double Link Motion. No. 1090. List, \$2.00. NET.... **\$1.18**

S. M. 540 Sub-Panel Brackets. No. 1089. List, 70c. NET..... **41c**

## New S.M. 240 Audio

Latest Silver Marshall Audio Transformer, new design, latest improvements, wonderful tone quality. Natural straight line amplification. Amplifies all frequencies from the lowest to the highest faithfully with great volume and no distortion. Specified in the Popular Mechanics Economy Super. Low price.

No. 1085. List, \$6.00. YOUR PRICE..... **\$3.53**

# Silver Marshall

No. 1055, S-M No. 631 Stage Shield. An aluminum case, removable top and bottom. For individual stage shielding. Size 7 1/2 x 5 x 3 1/4. Pierced to accommodate S-M variable condenser, 515 coil socket, tube socket, choke and standard by-pass condenser. List, \$2.00.  
**YOUR PRICE ..... \$1.18**

## S-M PLUG IN COILS

Interchangeable plug-in coils for covering the broadcast, the short wave and the long wave bands. All S-M coils are wound for .00035 condensers except the 117 series which require .00015 variable condensers. All coils are interchangeable to fit the S-M 515 coil socket. The ranges of various types of coils are as follows:

A types		190- 550 meters.	
B types		70- 200 meters.	
C types		30- 75 meters.	
D types		500-1500 meters.	
No.	Type	List	Net
1074	110A	2.50	1.47
1075	110B	2.50	1.47
1076	110C	2.50	1.47
1077	110D	5.00	2.94
1078	111A	2.50	1.47
1079	111B	2.50	1.47
1080	111C	2.50	1.47
1081	111D	5.00	2.94
1082	114A	2.50	1.47
1083	115A	2.50	1.47
1084	115D	5.00	2.94
1086	116A	2.50	1.47
1087	116D	5.00	2.94

No. 1073, S-M Type 101B Coupler. Bakelite stator tube with two 28 turn windings and adjustable rotor of 28 turns. Range 150-550 meters with .00035 condensers. List, \$2.50.  
**YOUR PRICE ..... \$1.47**

No. 1072, S-M 113. Unwound Bakelite form with all hardware and rotor. List, \$1.25.  
**YOUR PRICE ..... 74c**

No. 1071, S-M 515 Coil Socket. Moulded Bakelite ring with six contacts designed to take all S-M plug in coils.  
**YOUR PRICE ..... 59c**

No. 1070, S-M 340 Midget Condenser. Designed for compensating, balancing, antenna couplings, etc. Lacquered brass plated mounted on bakelite end plate. For panel or sub-panel mount.  
Maximum capacity .000025.  
List, \$1.50. **YOUR PRICE ..... 88c**

No. 1069, S-M 342 Midget Condenser. Similar to S-M 340 Midget condenser except for higher capacity. Maximum capacity .000075.  
List, \$1.50. **YOUR PRICE ..... 88c**

No. 1051, S-M No. 512 Tube Socket. For the five prong UY227 type A.C. tube. Bakelite moulded. List Price, 75c.  
**YOUR PRICE ..... 44c**

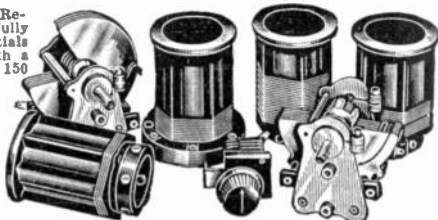
No. 1052, S-M No. 511 Tube Socket. Bakelite moulded UX plug-in type tube socket. List Price, 50c.  
**YOUR PRICE ..... 30c**

## SHORT WAVE KIT No. 635

The Type 635 Short Wave Receiver Kit contains the carefully designed and matched essentials for constructing a receiver with a wave length range of 18 to 150 meters and a practically unlimited distance range.

In addition to a set of Type 117 plug-in coils, the kit includes a 515 coil socket, 340 antenna coupling condensers and a pair of 317 tuning condensers. Complete building instructions accompany each kit showing how several circuits may be employed to suit the individual builder.

No. 1050. List Price, \$23.00.



**YOUR PRICE \$13.52**

### TYPE 117—KIT OF COILS ONLY

Set of four special coils for use with 317 (.00014 mfd.) condenser in short wave receivers (for 635 Kit). Ranges, 18 to 32, 30 to 53, 51 to 90 and 85 to 150 meters for these interchangeable sizes. Consist of grid and plate windings only for direct antenna coupling, using No. 340 condenser.

No. 1049. List Price, \$11.00. **YOUR PRICE ..... \$6.47**

## S-M Transformers



No. 1065, S-M 220 Audio Transformer. Remarkable tone quality is obtained with this scientifically designed audio transformer. Ratio 3 to 1. May be used with standard 201A or power tubes. List, \$8.00.  
**YOUR PRICE \$4.70**

No. 1064, S-M 221 Output Transformer. For use between the last power tube and loud speaker to prevent blasting or damage to the speaker from high voltage direct current.

List, \$7.50. **YOUR PRICE... \$4.41**

No. 1066, S-M Output Transformers, Type 222. An output transformer that may be used with any set without altering or changing the wiring whatsoever. Is equipped with extension cord and clip jacks so that it may be plugged into the output of any set.

List, \$8.00. **YOUR PRICE... \$4.70**

No. 1063, S-M 329 Power Transformer. For "B" eliminators for use with filament rectifier tubes. Contains two 200 volts secondary, one 105-120 volt 60 cycle primary and one center tapped 5 volt filament winding.

List, \$9.00. **YOUR PRICE... \$5.30**

No. 1062, S-M 329A Power Transformer. Designed for use with 313, 330, Raytheon or Q.R.S. rectifiers. Will furnish "A" and "C" power to A.C. power tubes. Furnished with cord and plug.

List, \$11.00. **YOUR PRICE ..... \$6.47**

No. 1061, S-M 330 Power Transformer. Designed for filament rectifier tubes for "B" eliminator.

List, \$9.00. **YOUR PRICE... \$5.30**

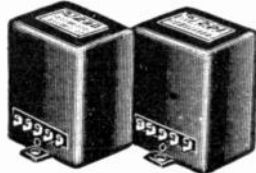
No. 1059, S-M 332 Condenser Bank. A filter condenser bank for use in "B" eliminator circuits with a ballast or glow tube.

List, \$12.50. **YOUR PRICE... \$7.35**

No. 1058, S-M 331 Unichoke. Accurately and scientifically designed to filter pulsating rectified D.C. into smooth, humless, constant current.

List, \$8.00. **YOUR PRICE... \$4.70**

## S-M Push-Pull Transformers



A stage of full wave amplification using a pair of S-M push pull transformers will efficiently handle a highly amplified signal without distortion. With the S-M push pull transformers and semi-power tubes of the 113 or 171 type enormous amplification may be secured with relatively low voltage. Only 135 to 180 volts need be used.

These are the transformers used in the new S-M Unipac and they undoubtedly will be specified in many kits List, \$10.00 sure to be popular because of high efficiency.

No. 1054, S-M 230 Input  
No. 1053, S-M 231 Output  
**YOUR PRICE, each, \$5.88**

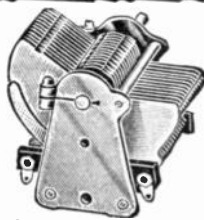
No. 1068, S-M 316 A Variable Condenser. Modified S. L. F. condenser. Lacquered brass plates. Rotor, stator plates and front and rear bearings adjustable. Removable steel shaft 3 1/2 in. long. Capacity, .00035.  
List, \$4.50. **YOUR PRICE ..... \$2.65**

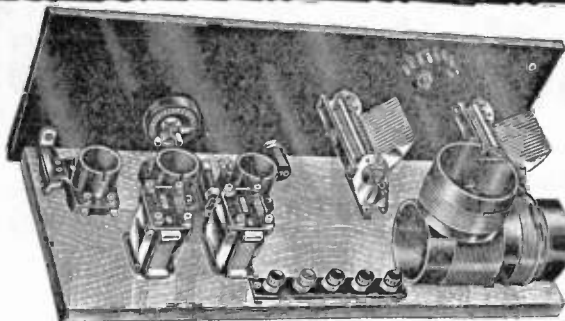
No. 1067, S-M 316B Variable Condenser. Identical to S-M 316A except with longer shaft which is 3 1/2 in. long.  
List, \$4.50. **YOUR PRICE ..... \$2.65**

No. 1066, S-M 317 Variable Condenser. Identical to S-M 316A condenser except for lower capacity for short wave tuning. Maximum capacity, .00014.  
List, \$4.50. **YOUR PRICE ..... \$2.65**

No. 1057, S-M 325 Step Down Transformer. Supplies 1 1/2 and 2 1/2 v. filament lighting A.C. tubes as well as furnishing center tapped 5 and 7 1/2 volts for the filaments of power tubes.

List, \$8.00. **YOUR PRICE... \$4.70**





## FAMOUS 3-TUBE Cockaday

The three-tube Cockaday is the ideal small set. Economical to construct and operate. The famous Cockaday circuit is sensitive and selective.

A splendid receiver for crowded districts. Easily separates local and distant stations. Ideal for rural communities because of its long range. Full loudspeaker volume obtained. Fine tone quality. Simple to construct with our diagram and layout. A fast and profitable seller.

COMPLETE PARTS	
1-7x21" Drilled Bakelite Panel.....	\$4.00
1-20x8" Baseboard.....	.30
2-4" Bakelite Dials.....	2.00
1-30-Ohm Rheostat with Knob.....	.75
1-Single Circuit Jack.....	.50
1-Switch Lever.....	.25
7-Switch Points.....	.15
2-Switch Stops.....	.05
2-Binding Posts-Ant. Gnd.....	.20
1-Binding Post Strip with Five Marked Posts, A-A-B-B-B+1.00	

Cabinet and accessories for this

2-.0005 S. L. F. Condensers.....	3.00
1-Filament Switch.....	.50
1-Cockaday Coil.....	4.00
3-Universal Sockets.....	2.25
1-No. 112 Amperite.....	1.10
1-Knight 6-1 Transformer.....	4.50
1-Knight 3 1/2-1 Transformer.....	4.00
1-.00025 Fixed Condenser.....	.35
1-2 Meg. Grid Leak.....	.25
1-Grid Leak Mounting.....	.25
1-Screws, Lugs and Bus-bar.....	1.00
1-Wiring Diagram and Layout.....	1.50

No. 8826

Total List  
Value \$35.90

Your Special Price

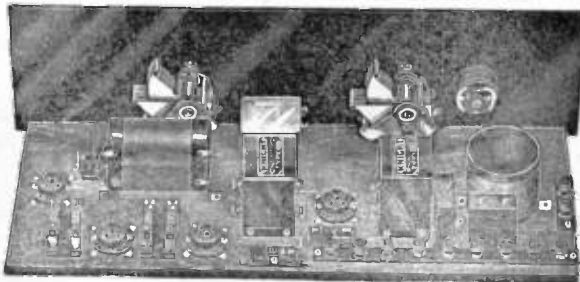
**\$12.50**

receiver will be found on other pages of this catalog.

## IMPROVED 5-TUBE BROWNING-DRAKE All of the Latest Features

Astounding results with the new Browning-Drake circuit. Great range, unusual selectivity, enormous volume and perfect reproduction. Incorporates the latest developments. Extremely low resistance radio frequency circuit. Higher efficiency than most seven and eight tube sets. Fully neutralized stage of radio frequency amplification followed by regenerative, sensitive and stable detector, two stages of resistance coupled amplification for perfection of tone and one power transformer stage adaptable for use with the new power tubes with enormous amplification. Uses new output filter choke keeping the direct current out of the loud speaker windings, protecting the speaker from damage even when used with the highest voltages. Space wound coils, low loss condensers. Easy to build.

- 1 Bakelite 7x24 drilled panel.
- 1 10x23 baseboard.
- 1 .00035 modified S. L. F. condenser.
- 1 .0005 modified S. L. F. condenser.
- 1 set space wound Browning-Drake coils.
- 1 Kurz Kasch aristocrat vernier dial.
- 1 10-ohm rheostat with switch.
- 2 stages resistance coupling.
- 1 Knight K200 transformer.



to build. Furnished with full size wiring diagram that anyone can

### LIST OF PARTS

- |                              |                                       |
|------------------------------|---------------------------------------|
| 1 Knight filter choke.       | 1 Binding post strip with nine posts. |
| 1 4 mfd. filter condenser.   | 1 Binding post strip with two posts.  |
| 2 1 mfd. by-pass condenser.  | 1 Wiring diagram.                     |
| 2 Amperites 112.             | Screws, lugs, wire, etc.              |
| 1 Grid condenser .00025.     |                                       |
| 1 Grid leak 2 meg.           |                                       |
| 5 Bakelite UX sockets.       |                                       |
| 1 .002 fixed condenser.      |                                       |
| 1 Short jack single circuit. |                                       |

No. 8827

YOUR PRICE

Total List **\$29.75**  
Value, \$77.00

## NEW LC 28 RECEIVER

Laurence Cockaday's new feature circuit described in Popular Radio. The latest, most modern Cockaday development. Fully shielded, stable in operation, simplified tuning, sensitive and selective. Cuts through and separates the most powerful local stations under practically all conditions. The four Hammarlund midline condensers mounted in gang with the new Hammarlund double drum dial provide practical single control allowing for antenna variation meeting all conditions of installation. Easy to build and assemble. Clean cut factory built appearance.

- |   |       |
|---|-------|
| 1-Yaxley cable connector plug.....                    | 3.00  |
| 4-Carter 4-ohm fixed resistances.....                 | 1.00  |
| 2-Carter "ant."- "gnd." tip jacks with imp plugs..... | .50   |
| 4-Benjamin UX cushion sockets.....                    | 3.00  |
| 1-Lynch single resistance mounting.....               | .35   |
| 1-Lynch suppressor 500 ohms.....                      | 1.50  |
| 1-Lynch suppressor 600 ohms.....                      | 1.50  |
| 1-Lynch suppressor 700 ohms.....                      | 1.50  |
| 1-Durham metallized resistor 6 meg.....               | .50   |
| 2-Tail brackets.....                                  | 2.00  |
| 1-Aluminum chassis.....                               | 7.50  |
| 4-Sets Aluminum box shields.....                      | 8.00  |
| 1-Aluminum 6x26 panel.....                            | 3.00  |
| 1-1/2" extension shaft.....                           | .50   |
| 2-SM 220 audio transformers.....                      | 16.00 |

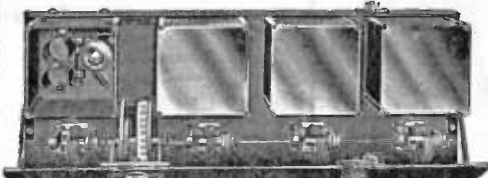
Total List \$102.20

No. 8828

Your **\$69.90**

Retail Price, \$102.20

Price



### LIST OF PARTS

- |   |          |
|---|----------|
| 4-Hammarlund midline condensers .000275.....      | \$ 18.60 |
| 1-Hammarlund double drum dial.....                | 6.00     |
| 1-Set Precision double solenoid coils.....        | 12.50    |
| 3-Samson R. F. chokes, type 125.....              | 6.75     |
| 1-Samson R. F. choke, type 85.....                | 2.00     |
| 3-Aerovox molded condensers .02.....              | 4.50     |
| 3-Aerovox molded condenser .00025.....            | .35      |
| 1-Aerovox molded condenser .00075.....            | .40      |
| 1-Carter 6-ohm rheostat with filament switch..... | 1.25     |

## PRECISION DOUBLE SOLENOID COIL

Specified for the new L. C. '28 receiver. Balanced secondary windings carefully spaced. Lowest distributed capacity. Type 4B Radio Frequency Kit consists of 8 coils. Tunes with .000275 condensers.

No. 1152. List, \$12.50. NET. **\$7.15**

# National Radio Apparatus

## National Browning-Drake Coils



This R.F. transformer designed by G. H. Browning and F. H. Drake, of Harvard University, actually produced over 90% of the mathematical amplification in tests. May be incorporated in a R.F. amplifier and detector for one stage of R.F. amplification and regenerative detector with full and efficient control of feed back. Constructed on genuine bakelite tubing threaded and space wound with enamelled wire. Slot wound primary.

No. 3006, B.D. 1 National Browning-Drake Inductance Coil. List, \$2.00.  
**YOUR PRICE ..... \$1.20**

No. 3007, B.D. 2 National Browning-Drake Tuner complete with mounting brackets. List \$6.50.  
**YOUR PRICE ..... \$3.85**

## New National Tuning Units



Regensformers Type B.D.1E and B.D.2E. Both units are used in the official Browning-Drake kit. Genuine National tuning units equipped with the latest National equitune variable condenser. Designed by S. H. Browning and F. H. Drake, of Harvard. These inductances are space wound with enamelled wire on genuine bakelite forms. Efficiently designed. Type B.D.1E includes the antenna inductance with the new .0005 National equitune condenser and National vernier type "B" dial mounted on base as a complete unit. Type B.D.2E combines the National space wound inductance with rotor coil and shaft with knob, new National .00025 equitune condenser and National type "B" velvet vernier dial.

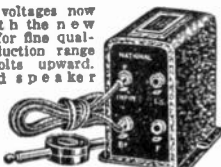
No. 3014, Type B.D.1E. List, \$10.25.....  
**Your Price ..... \$6.15**

No. 3015, Type B.D.2E. List, \$13.75.....  
**Your Price ..... \$8.10**

No. 3016, Illuminating Unit with bracket. List, 50c.....  
**Your Price ..... 29c**

## National Tone Filter

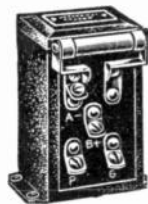
The plate voltages now required with the new power tubes for fine quality of reproduction range from 150 volts upward. The tube and speaker manufacturers recommend passing the output to the speaker through a tone filter. This tone filter contains an impedance through which the plate of the power tube is supplied and will carry as high as 35 ma. continuous without heating or deterioration. All D.C. is kept out of the speaker windings preventing them from burning out and at the same time the quality of reproduction is improved. Matches other National units, crackle finished and with 5 ft. phone cord for instant attachment to any existing set. Dimensions 2 1/2 in. wide by 4 in. deep by 1/4 in. high.



No. 2033, List, \$8.00.  
**YOUR PRICE ..... \$4.80**

## National Impedaformer Type B

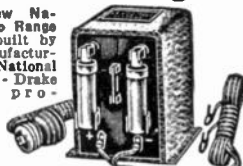
For quality amplification. Used in the official Browning-Drake kit set. Superior to all other types in quality of performance and efficiency. The National Impedaformers include grid resistance mounted directly in brackets provided with each impedance, simplifying construction. One first stage and two second stage impedaformers are required.



No. 3017, List, each, \$3.30.  
**YOUR PRICE ..... \$3.30**

## National Charger

The new National Duo Range Charger built by the manufacturer of National Browning-Drake apparatus provides an exceedingly compact and reasonably priced battery charger for six-volt batteries.



### 2 1/2 AND 5 AMP. CHARGING RATE

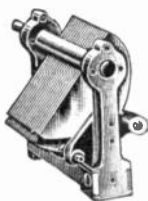
Uses the new Raytheon "A" rectifier. It may be used with one Raytheon cartridge rectifier for 2 1/2 amp. charging rate or with two of the cartridges for 5 amp. rate. Delivers a tapering charge to the batteries. The best way of charging storage batteries. Silent in operation with no moving parts whatever. Simple to install. Connect the terminals of the charger permanently to the battery and plug in the light socket.

No. 3018, Without Raytheon rectifier cartridges. List, \$10.00.  
**YOUR PRICE ..... \$6.00**

No. 3019, National 2 1/2 Amp. Charger. Uses only one Raytheon A Rectifier Cartridge. Full 2 1/2 amp. charging rate delivering taper charge. Silent. Complete with cord, plug and battery leads. Without Raytheon Cartridge. List, \$7.00.  
**YOUR PRICE ..... \$4.20**

## New National Equitune Variable Condenser

An entirely new design incorporating features not found in any other type condenser. A new design of light rigid girder-frame construction with plates shaped to give modified straight line frequency separation over the entire scale. Perfect bearings. May be coupled in gangs. Equipped with National type B velvet vernier dial.



No. 3021, .00035. List, \$7.25.  
**YOUR PRICE ..... \$4.35**

No. 3022, .0005. List, \$7.50.  
**YOUR PRICE ..... \$4.50**

## New National Velvet Vernier Dials

### TYPE B and C

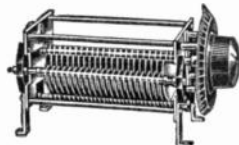
Beautiful Bakelite Vernier Dials which are easily mounted on any panel. Scale is read directly through window as shown. Smooth without backlash of any sort. Enables finest tuning. The step down ratio is variable from 6-1 to 20-1. This is a feature found in no other Vernier dials. Friction drive. No gears. Type "B" is without lamp. Type C is illuminated.



TYPE B NICKEL  
No. 3008, Clockwise 200 to 0.  
No. 3009, Counter clockwise 0 to 200.  
No. 3010, Dual 0-100-0.  
List Price, \$2.50.  
**YOUR PRICE ..... \$1.50**

TYPE C NICKEL WITH BULB  
No. 3011, Clockwise.  
No. 3012, Counter clockwise.  
No. 3013, Dual.  
List Price, \$3.00.  
**YOUR PRICE ..... \$1.80**

## Transmitting Condenser



Straight line capacity transmitting condensers used and approved by national authorities and radio engineers. Plates widely spaced for high voltage work. Highly efficient. Used by the United States Navy. Furnished with National type B vernier dials.

No. 3023, .0001-23 plate, 1/2 in. spacing. List, \$12.50.  
**YOUR PRICE ..... \$7.50**

No. 3024, .00015-17 plate, 1/2 in. spacing. List, \$7.50.  
**YOUR PRICE ..... \$4.50**

No. 3025, .00023-23 plate, 1/2 in. spacing. List, \$11.50.  
**YOUR PRICE ..... \$6.90**

No. 3026, .00045-43 plate, 1/2 in. spacing. List, \$16.50.  
**YOUR PRICE ..... \$9.90**

# Official Browning Drake

## Official Browning-Drake Kit

Official 5-Tube Receiver. In the history of radio no set or circuit has maintained the continued and great popularity of the Browning-Drake. Greater efficiency tube for tube than any other circuit. Latest improved model. Finest quality amplification. Sensitive, selective and powerful. Equal to most seven and eight tube sets. Nationally recognized as the highest degree of efficiency obtainable with radio amplification. Easy to construct with the foundation unit including bakelite panel and bakelite sub panel, all drilled and all hardware. Simple to operate—easy to build.

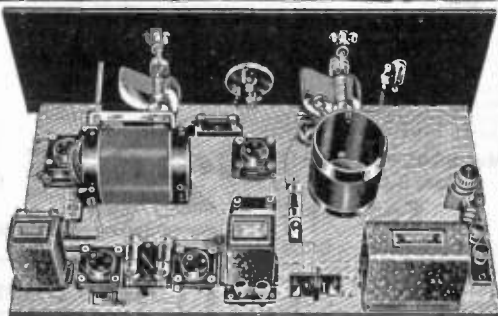
### COMPLETE LIST OF PARTS

	List
1—Browning-Drake Foundation Unit.....	\$15.00
1—Browning-Drake Kit set or 1 National Tuning Unit BD1E and 1 National Tuning Unit BD2E.....	25.00
1—National Impedafomer 1st stage.....	5.50
1—National Impedafomer 3rd stage.....	5.50
1—1 Tube Condenser.....	.90
3—.001 Tintoybe fixed condensers.....	.40
1—.00007 Tintoybe Grid Condenser.....	.50
1—Yaxley Filament Switch.....	.50

1—Yaxley 30 Ohm Rheostat.....	\$1.35
8—Ely Binding Posts.....	1.20
1—Precise Midget .0001 Condenser.....	1.25
1—Browning-Drake Neutralizing Condenser.....	1.00
1—Browning-Drake Resistance Cartridge.....	.75
1—Ampertite 5A.....	1.10
3—Resistances—Electrad or Lynch 1-1, 1-25, 1-8 meg.....	1.75
1—National Tone Filter.....	8.00

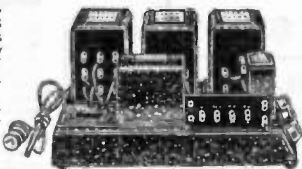
No. 6810  
Total Retail List \$69.70  
**YOUR PRICE**

**\$42<sup>50</sup>**



## National Power Amplifier and "B" Supply

Furnishes complete its own A, B and C supply as well as B supply for the balance of any radio receiver. For Raytheon B.H. tube and X-171 power tube. A National tone filter keeps D.C. out of speaker and matches its impedance to the power tube and protects speaker. 3 variable voltages ranging from 20 to 180 volts. Easily installed without re-wiring. Brings any set up to date. Eliminates all "B" battery trouble. Furnishes high quality power amplification. No. 1136. Type E I in kit form without tubes. List, \$68.00. **YOUR PRICE**.....



**\$40<sup>00</sup>**

**\$50<sup>10</sup>**

## Power Amplifier L-3

Complete three stage power amplifier and "B" eliminator. For Hi-Mu tubes in the first and second stages and 171 power tube in the last stage. Raytheon B.H. tube used. Impedance and resistance coupling for perfect amplification. Easily installed with any set.

No. 1138. L 3 Kit without tubes. List, \$78.00.	<b>\$45.95</b>
No. 1139. L 3 completely assembled and wired without tubes. List, \$89.00.	<b>\$51.88</b>

No. 1140. NATIONAL SCRATCH FILTER. For use with electrical phonograph pick-ups to subdue the amplification of needle scratch noise. List, \$5.50. **\$3.30**

No. 1141. NATIONAL POWER TRANSFORMER. For "B" eliminator with Rectron or Raytheon B.H. tube. Has 5 and 7.5 volt filament winding. List, \$16.50. **\$9.90**

No. 1142. NATIONAL FILTER CHOKE TYPE 80. Two heavy duty filter chokes designed to handle 80 mls. for "B" eliminator with B.H. tube. List, \$10. **\$5.90**

No. 1143. NATIONAL TOBE "B" BLOCK. Designed for National Power Units and amplifiers. Will handle up to 400 volts D.C. continuous. List, \$17.50. **\$10.30**

## Official B-D Kit Set

Genuine Browning-Drake tuning essentials including one space wound antenna coil mounted on .0005 National condenser and regenerator tuning coil set, space wound, mounted on National .00025 condenser with National type C illuminated dials. Specified for the official Browning-Drake Kit.

No. 1130. List Price \$25.00. **\$15<sup>93</sup>**  
NET.....

## Official Foundation Unit

No. 1131. For the genuine Browning-Drake kit consisting of Westinghouse micarta panel engraved front and sub base panel with sockets, resistance clips and all essential small parts. List, \$15.00. **\$8.95**  
NET.....

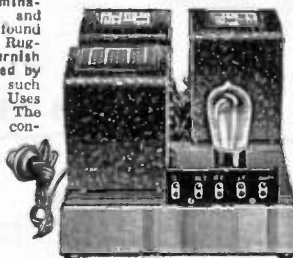
No. 1132. B-D new type neutralizing device for neutralizing the tuned radio frequency stage of the official Browning-Drake Kit. List, \$1.00. **60c**

NET.....  
No. 1133. B-D 33 ohm resistance cartridge. List, 75c. **50c**

NET.....  
No. 1134. B-D booklet "How To Build the Browning-Drake Radio Official Kit Set." List, 25c. **19c**

## National "B" Supply Unit

A new National "B" eliminator. Carefully engineered and possessing the high quality found in all National apparatus. Ruggedly constructed. Will furnish all the "B" current required by the largest set including such power tubes as 112 or 171. Uses Raytheon type B.H. tube. The filter chokes carry 80 mls. continuously without heating or altering characteristics. Chokes have high inductance. All traces of A.C. hum entirely obliterated. 3 variable voltages giving complete flexibility from 20 to 180 volts and fixed power tube voltage of 180 volts. Completely constructed without tube. No. 1135. List, \$54.00. **\$31<sup>25</sup>**  
YOUR PRICE.....



# New Aero Short Wave Kit

**N**EW short wave receiver with Aero interchangeable coils. Covers wave length 15 to 130 meters. Can be adapted to cover broadcast range from 125 to 550 meters with Aero coils 4 and 5 which are interchangeable. New Aero Int.-Zero coil covering 13 to 25.4 meters adaptable. Used by U. S. Government broadcasting stations, amateurs, and laboratories. Possible to receive short wave programs from great distances. European broadcasting heard. Popular—in universal demand. Simple to construct and operate.

**No. 8605—Total List value, \$45.85**  
**Your Price \$26.95**

Complete list of parts for New Aero Short Wave Kit, as above described.

1—Aero Short Wave Foundation Unit.....	\$ 5.75
1—Set Aero LWT 125 Coils.....	12.50
1—Aero R.F. Choke No. 60.....	1.50
2—National Type B Dials.....	5.50
1—Amsco .00014 Condenser.....	2.75
1—Amsco .00025 Condenser.....	3.00
1—Carter or Yaxley Battery Switch.....	.50
2—Carter or Yaxley 25-ohm rheostat.....	1.35
2—Silver - Marshall 511 Sockets.....	1.00
1—Benjamin Cushion Socket.....	.75
9—X-L Binding Posts.....	1.35
1—Carter .0001 Grid Condenser.....	.50
1—Carter 2-ohm Resistance.....	.15
1—Tobe Tipon 5-meg. Gridleak.....	.50
2—Thordarson 6-1 Transformers.....	9.00
Screws and Bus Bar, Blue Print.....	.25

## Universal 3 Circuit Tuner

New three circuit tuner with fixed tickler coil and adjustable primary which makes possible the adjustment to any degree of selectivity.

No. 1103. For .0005 condenser.  
 No. 1104. For .00035 condenser.  
 List, each, \$4.00.  
 Net ..... **\$2.35**

## Aero 3 Circuit Tuner

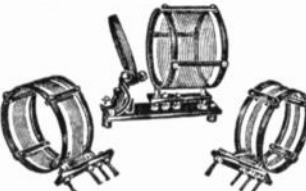
No. 1105. Three circuit tuner with adjustable tickler and variable primary. For use in standard three circuit regenerative receivers. Adjustable primary permits any degree of selectivity. Tunes 200 to 550 meters. Range, 200 to 550 meters. List, \$5.50.  
 Net ..... **\$3.23**

## Aero R. F. Chokes

Radio Frequency Chokes are in universal use. Remove cause for coupling oscillation.

List, each, \$1.50. **88c**  
 Net .....  
 No. 1107. For Receiving Sets.  
 No. 1108. For Transmitters.

## Aero Short Wave



Plug-in space wound short wave inductance on skeleton form furnished with base. Covers entire low wave range. 15 to 130 meters.

No. 1108. List, \$12.50  
 Set of 3 Coils.  
 YOUR PRICE ..... **\$7.35**

## Aero Tuned R. F. Kit

Kit of four matched, 1m proved coils. Consists of one antenna inductance with variable primary and three universal radio frequency coils. Adaptable to all type tubes. Tuning range from below 200 to above 550 meters. Wound on skeleton bakelite form. Will make any circuit better, increasing selectivity and range. The .0005 kit is specified for the Aerodyne.

No. 1109. Kit of 4 units for .0005 condensers.  
 No. 1110. Kit of 4 units for .00035 condensers.  
 List, kit of 4 coils, \$15.00.  
 Net ..... **\$8.82**

## Improved Aero Coils

New, improved Aero coils wound on bakelite skeleton forms, insuring 95% air dielectric low losses. Accurate matching adaptable to 201A, 199, 112, also the new 240 and 280 tubes. Each kit carefully matched at both ends of the broadcast band before packing. Tuning range from below 200 to above 550 meters. .0005 type specified for the new Aero No. 7. May be used in any tuned radio frequency circuit for greater selectivity, sensitivity and efficiency.

No. 1111. Set of 3 coils for .0005 condenser.  
 No. 1112. Set of 3 coils for .00035 condenser.  
 List, set of 3 coils, \$12.00.  
 Net ..... **\$7.05**

## Aero Universal Wave Trap Unit

Exceptionally adaptable for wave trap construction. Makes possible separation of broad tuning stations in crowded localities. Will also make any crystal set more efficient.

No. 1113. For .0005 condensers.  
 No. 1114. For .00035 condensers.

List, each, \$4.00.  
 Net ..... **\$2.35**

## Aero Universal Antenna Coupler

A highly efficient low loss antenna coupler with variable primary. Incorporates the famous Aero universal coil principle wound on skeleton bakelite form. Matches Aero universal three circuit tuner and Aero universal R. F. coils.

No. 1115. For .0005 condenser.  
 No. 1116. For .00035 condenser.  
 List, each, \$4.00.  
 Net ..... **\$2.35**

## Aero Interchangeable Coils

Fits into Aero interchangeable coil base supplied with the short wave kit. Tunes with same condenser. No. 4 and No. 5 coil will cover the entire broadcast band. No. 0 covers shortest workable range.

No. 1117. Coil No. 4, 125-250 meters.  
 No. 1118. Coil No. 5, 235-550 meters.  
 No. 1119. Coil No. 0, 13-28.4 meters.  
 List, each, \$4.00.  
 Net ..... **\$2.35**

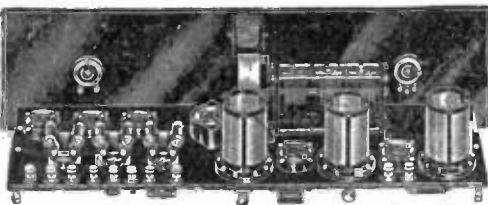
## Aero Tuned Radio Frequency Coils

Wound on skeleton bakelite forms. Efficient inductances and popular setting. For use with .00035 condensers.  
 No. 1120. Set of 3. List Price, \$12.00.  
 YOUR PRICE ..... **\$7.05**



# New Aero 7

**Described In All the Latest Publications**



power tube for volume and perfection of tone. Perfect reproduction with new type resistance coupling. Sharp selective tuning. Separates the broadest stations. Powerful astounding long range reception. Single control—on a par with the latest high-priced factory built receivers. Easy to build and simple to operate.

## Complete List of Parts

1—Aero Seven Foundation Unit.....	\$12.00
1—Aero U Twelve TRF Coils.....	12.00
1—Aero Choke No. 60.....	1.50
1—Silver-Marshall Drum Dial.....	3.00
1—Carter Battery Switch.....	.65
1—Carter 200-ohm IMP patent tlimeter.....	1.25
1—Carter 6-ohm IMP Rheostat.....	1.00
1—Carter H-1000 Resistor.....	.25
1—Carter H-1 Resistor.....	.25
1—Carter .00025 Mfd. Condenser with elips.....	.50

1—Carter .001 Mfd. Condenser.....	\$ 0.50
2—Carter .5 Mfd. Bypass Con- densers.....	1.80
10—X-L Binding Posts.....	1.50
1—Ameco Plating Socket.....	1.00
6—Ameco Plain Sockets.....	3.00
1—Ameco .0005 Mfd. Triple Con- denser.....	11.25
1—Gridleak Mounting.....	.30
1—5 Meg. Gridleak.....	.50
1—Ameco Aero Seven Resistance Kit.....	7.00
Screws and Bus Bar, Blue Print, etc.....	.25

**Total List \$59.20**

**Value**

**No. 8806**

**Your Net**

**Wholesale Price**

**\$34<sup>80</sup>**

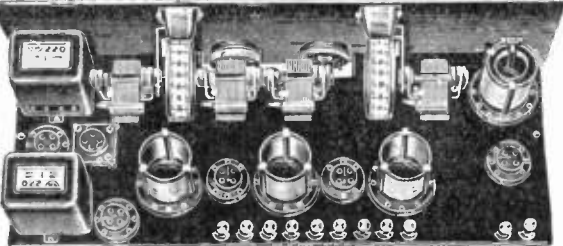
## New Aero Dyne 6

**T**HE New Aero-Dyne has a national reputation for quality performance. Simplified double control with illuminated drum dials. New Aero universal coils. New Hammarlund Midline condensers. High quality amplification with new Silver-Marshall transformers. Perfect reproduction. Ease of operation. Selective powerful reception. Simple to construct by anyone.

Tubes for the Aero-Dyne Six—5 CX-301A, 1 CX112 or 171.

## Complete List of Parts

1—Aero-Dyne Foundation Unit.....	\$12.50
1—Set of Four Aero U-16 Coils.....	15.00
2—Silver-Marshall Drum Dials.....	6.00
2—Silver-Marshall 220 Transform- ers.....	16.00
4—Hammarlund .0005 Condensers.....	20.00
1—Benjamin Cushion Socket.....	.75
5—Silver Marshall 511 Sockets.....	2.50
2—Tobe One Mfd. Condensers.....	1.80



1—.00025 Carter Grid Condenser.....	\$ 0.50
1—Tobe Two Meg. Tipon Gridleak.....	.50
1—Carter .001 Mfd. Condenser.....	.50
1—Yaxley Switch Rheostat, 6-ohm.....	1.65
1—Yaxley Potentiometer, 200-ohm.....	1.75
1—One Ohm Fixed Resistance.....	.50
1—Gridleak Mounting.....	.50
11—X-L Binding Posts.....	1.65
Screws and Bus Bar, Blue Print, etc.....	.30

**Retail \$82.05**

**Your Price**

**\$48<sup>25</sup>**

**No. 8807**

## Aero Short Wave Transmitter Coils



Inter-change-able transmitting inductances. Kit of six coils with mounting bases cover short wave band from 16.5 to 190 meters. Three sets of two coils each, 16.5 to 52 meters, 36-90 meters, 72-190 meters. All tuned with the same variable condenser—.0005 with a .00025 or .0005 condenser in series with the ground counter poise system. Ordinary single spaced receiving condensers may be used. Space wound on bakelite skeleton frame. Kit consists of adjustable primary, two mounting bases, two choke coils and three sets of grid and plate inductances.

No. 8809. List, complete kit, \$28.00. **\$16<sup>46</sup>**

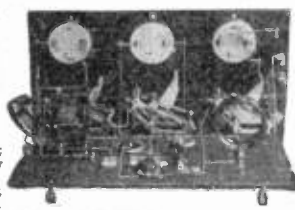
No. 1121 Aero Transmitting Kit.		List NET	
16.5-52 meters.....	Each	Set	\$7.06
No. 1122. Aero Transmitting Kit. 36-90 meters.....	Each	Set	\$12.00
No. 1123. Aero Transmitting Kit. 72-190 meters.....	Each	Set	2.35
No. 1124. 16.5-52 meter coil only.....	3.00		1.76
No. 1125. 36-90 meter coil only.....	1.00		.59
No. 1126. 72-190 meter coil only.....	1.50		.89
No. 1127. Antenna mounting base....			
No. 1128. Grid and mounting base....			
No. 1129. Choke coil.....			

## Aero Sub-Panel Brackets

No. 1100. New heavy gauge metal brackets for mounting sub-panel. In universal use. Rugged and sturdily built. List per pair, 70c. Net.... **42c**

## Aero Transmitter Kit

Aero short wave transmitter using Aero interchangeable coils. Astounding results have been recorded with this new transmitter using low power. It employs one U-X 210 type with eight volt storage battery and 650 volt B battery. Sturdily built and will safely handle the new 75 watt or two 50 watt tubes.



## Complete List of Parts

One set Aero Transmitter coils, 2010K or 4080K, or 9018K—optional.

Includes two mounting bases and two No. 248 choke coils.	
3—Karas .0005 Receiving Condensers.	1—Silver-Marshall 511 Socket.
3—Dials.	7—Binding Posts.
1—Carter P-5000—25 Grid- leak.....	1—7x18 Bakelite Panel.
2—Carter .0001 Fixed Con- densers.	1—Bakelite 10x18 Sub-panel.
2—Carter .001 Fixed Conden- sers.	2—Aero Brackets.
	Screws and wire, Blue Print, etc.

**No. 8808**

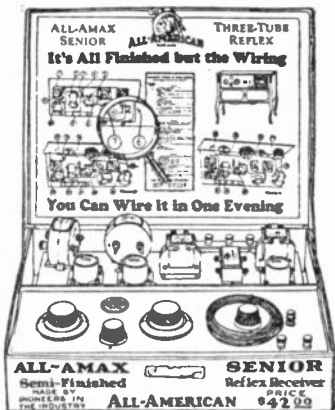
**Retail List \$44.26**

**Your**

**Price**

**\$25<sup>85</sup>**

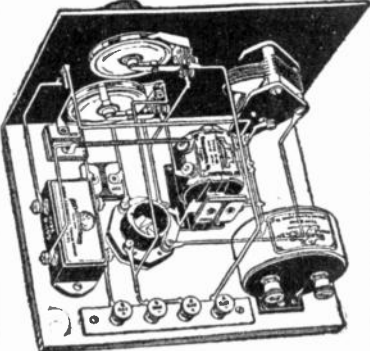
# All-American Semi-Finished Kits



## AT 60% OFF Cut to the Bone

The famous All-American All-Amax Senior and Junior semi-finished kits of which thousands are in use and have been sold—is now offered you at this ridiculously low price.

The kits consist of self-tuned radio frequency with a crystal detector. 1 tube doing the work of 3 in the 1-tube kit and 3 tubes doing the work of 5 in the 3-tube kit. Kits come complete with drilled panels and baseboards, binding posts, soldering lugs, blueprints, complete instructions ready to assemble in one evening with pliers and screw driver. Finest reception. These are Reflex kits.



## All-Amax Senior

Three-tube Reflex kit, equivalent to five in operation, using 7x18 panel, completely drilled, nothing else necessary for a complete set. The finest transformers and material are in these complete kits. They formerly sold for much more money. This is your opportunity for an extraordinary buy. Use 201A tubes.

No. 8816. LIST PRICE, \$34.00  
YOUR SPECIAL WHOLESALE PRICE

**\$13<sup>95</sup>**

## All-Amax Junior

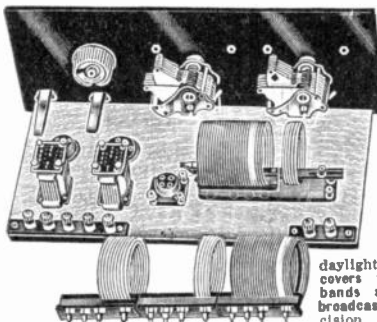
The Junior is a one-tube kit, Reflex, and when completed makes a 7x9" panel, using 1-192 tube operating off of 3 dry cells. Full instructions. When completed it will be as pictured above.

No. 8815. List price one-tube Reflex kit—A tremendous seller, \$18.00. YOUR SPECIAL WHOLESALE PRICE.....

**\$7<sup>95</sup>**

## New Short Wave Kit

20 to 550 Meters



The trend in radio during the past year has been toward short wave transmission. Wonderful records for distance have been made on the lower wave lengths especially in daylight. This receiver covers the lower wave bands as well as the broadcast ranges. A precision laboratory re-

ceiver developed for the reception of all wave lengths from 20 meters to 550 meters. Plug in coils for instantaneous change to any desired wave length band.

### LIST OF PARTS

- |  |  |
|--|--|
| 1-Bakelite 7x18 panel drilled.                   | 1-20 ohm rheostat.                       |
| 1-7x17 baseboard.                                | 1-Blinding Post strip with five posts.   |
| 1-.00014 SLF variable condenser.                 | 1-Blinding Post strip with two posts.    |
| 1-.00035 SLF variable condenser.                 | 2-Kurz Kasch aristocrat vernier dials.   |
| 1-Benjamin UX cushion socket.                    | 1-Grid leak 2 meg.                       |
| 2-Bakelite UX sockets.                           | 1-By Pass condenser .001.                |
| 1-Set short wave plug in coils 20 to 250 meters. | Blue print and diagram and bus bar wire. |
| 1-Plug in Coil 200 to 550 meters.                |  |
| 2-3 to 1 audio transformers.                     |  |
| 1-Single open circuit jack.                      |  |
| 1-Double circuit jack.                           |  |

No. 8813  
List \$40.00  
YOUR PRICE.

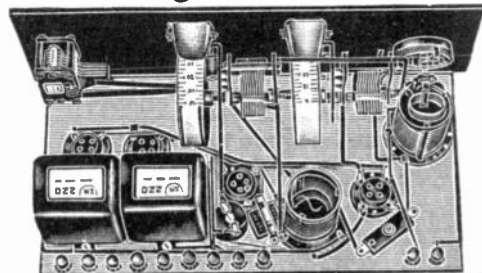
**17<sup>85</sup>**

## Short Wave Plug in Coils

Set of 3 interchangeable low loss short wave coils, complete with base. 20 to 250 meters. Tunes with one .00014 or .00017 and one .00035 condenser.

No. 1158. YOUR PRICE.....**\$3.50**  
Plug-in Coil. 250-550 meters. Interchangeable with above short wave coils. Covers broadcast range.  
No. 1159. YOUR PRICE.....**\$1.15**

## New Improved Daily News 4



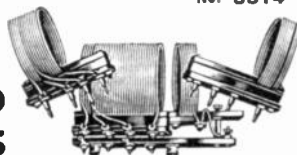
Remarkable four tube kit developed in the radio laboratories of the Chicago Daily News to meet the abnormal chaotic receiving conditions of the Chicago district. Selective and powerful. Separating stations in the most crowded district in the country it will give highly satisfactory results in any locality. Powerful—out-ranks many five tube and six tube receivers.

### LIST OF PARTS

- |                                     |   |
|-------------------------------------|---|
| 1-Aero foundation unit.             | 1-Benjamin UX socket.                     |
| 1-Set Aero coils, type U95.         | 2-Silver Marshall 220 audio transformers. |
| 2-Amsco .0005 type 1223 condensers. | 1-Carter .00025 condenser.                |
| 1-Amsco .00025 type 514 condenser.  | 1-Tube 2 meg. tipon grid leak.            |
| 2-Silver Marshall drum dials.       | 1-XL variometer Model N.                  |
| 1-6 ohm rheostat.                   | 11-XL binding posts.                      |
| 1-Kurz Kasch knob.                  | 1-Aero type 60 R.F. choke.                |
| 3-Silver Marshall 511 sockets.      | Screw assortment and bus bar.             |

No. 8814

List, \$55.40  
YOUR PRICE



**32<sup>40</sup>**

# Victoreen

## New Single Control Victoreen Universal 8 with 112 Audio Unit

**L**ATEST improved Victoreen Universal Superheterodyne. Single control. New power audio amplifier. Carefully designed and engineered. The new Victoreen Single Control Universal represents the culmination of years of research and the conscientious manufacture of precision apparatus.

### Sharp—Selective—Powerful

The intermediate transformers are air core wound, peaking sharply. Each stage is an accurately tuned filter. Interference is practically unknown with this remarkable circuit. Separates stations in the most crowded districts. Astounding long range.

### Power Amplification

The new Victoreen 112 audio unit incorporated in the new Victoreen circuit provides the latest development in modern audio amplification. Designed for the new power tubes in both stages enormous power amplification is obtained. Will accurately respond to the lowest audible frequencies. Provides

LIST OF PARTS	
4—Victoreen 170 transformers.....	\$28.00
1—Victoreen 150 oscillator.....	5.50
1—Victoreen 160 antenna coupler.....	3.50
1—Victoreen universal master control unit.....	19.50
1—Victoreen 112 audio transformer unit.....	22.00
1—Victoreen 2 ohm rheostat.....	1.20
1—Victoreen 6 ohm rheostat.....	1.20
1—Victoreen 400 ohm potentiometer.....	5.00
1—Victoreen audio control unit.....	4.50
1—Lignole 7x26 panel, drilled.....	6.00
1—binding post strip 8x $\frac{1}{2}$ ".....	.10
1—binding post strip 7x $\frac{1}{2}$ ".....	.10
1—Carter battery switch.....	.50
1—Carter No. 6 jack switch.....	1.25
8—Eby sockets.....	2.40
1—Carter single circuit closed jack.....	.55
1—Carter single circuit filament control jack.....	.70
2—Duhiller .00025 grid condensers.....	.80
2—grid leaks 2 meg.....	.80
1—Tobe .001 fixed condenser.....	.40
1—Tobe 1 enfd. by pass condenser.....	.90
7—Eby binding posts.....	1.00
1—Kurz Kasch aristocrat vernier dial.....	2.05
Screws, wire, soldering lugs.....	1.00
1—wiring diagram.....	.50

astounding perfection of reproduction. Amplifies naturally from the lowest bass to the highest treble notes.

### Astounding Sensational Results

The Victoreen Universal with master control is as powerful an eight tube radio receiver as can be designed. Hundreds of users report hearing stations thousands of miles away.

### Easy to Construct

The new model Victoreen represents a simple layout. Can be assembled in less than an hour. Easily wired by anyone. Furnished with complete layout and wiring diagrams. Factory built panel and interior appearance.

No. 8852

Total List \$105.65

**\$59.79**

Your Price

## Victoreen Transformers

Remarkably different. Each transformer is actually in itself a tuned stage. Wound on air core thus sharply peaked. Each and every transformer adjusted, matched and sealed. Specified in the new Victoreen Universal. Nationally known, nationally advertised and nationally endorsed. For range, clarity, volume, selectivity and simplicity in operation, superheterodynes using Victoreen transformers cannot be excelled. 4 No. 170 or No. 171 transformers, 1 No. 150 coupling unit, and if outside antenna is used 1 No. 160 antenna coupler.

2130. Victoreen No. 170 R. F. Transformer for 201A tubes. List \$7.00. YOUR PRICE	\$412
2131. Victoreen No. 171 R. F. Transformer for 199 tubes. List \$7.00. YOUR PRICE	\$412
2132. Victoreen No. 150 Coupling Unit. List \$5.50. YOUR PRICE	\$324
2133. Victoreen No. 160 Antenna Coupler. List \$3.50. YOUR PRICE	\$206

## Victoreen 112 Audio Transformer Unit

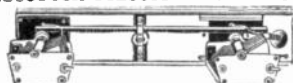
The Victoreen 112 audio unit is the latest in modern audio amplification. The first and second stage transformers have been combined in one case to conserve space and for proper location and combination. Type 112 power tubes are recommended in both stages. This unit will actually respond to the low frequency of 5 cycles per second. 16 cycles per second is the lowest limit of audible sound and few transformers will respond to this frequency. May be used as complete two stage amplifier for any receiving set. Specified in the new



No. 2134. List Price \$22.00. YOUR PRICE

**\$12.94**

## Victoreen Master Control Unit



The Victoreen Master Control Unit operates two variable condensers at single control. Small compensating condenser matches condensers at all times. Furnished with 2 .0005 variable condensers attached. The design makes possible the assembly of condensers and control in any manner desired. Because of its flexibility this unit may be used with any circuit under practically any conditions. Simplified single control for superheterodyne or tuned R. F. circuits. Specified in the Victoreen Universal and other popular circuits. No. 2135. Master Control Unit complete with 2 .0005 variable condensers. List Price \$19.50. YOUR PRICE

**\$11.48**

## Victoreen Audio Control Unit

This unit is designed to meet the popular demand for a minimum number of controls on the panel and when once regulated to furnish the proper voltage requires no further attention. It is assembled and wired with three 20 ohm rheostats for use with 201A and 199 tubes. It is designed for base or sub panel mounting. Simple to adjust for proper filament voltage for all tubes.

No. 2136. Standard. List \$4.50. YOUR PRICE

**\$2.65**

## Victoreen Manganin Rheostats and Potentiometer

Fine Vernier adjustment obtainable with the resistance unit wound with genuine Manganin wire. No matter how warm the unit becomes the resistance remains absolutely constant. Noiseless. Three terminals. Single hole mount.



	List	Price
2138 2 ohm		
2139 8 ohm		
2140 10 ohm		
2141 20 ohm	\$1.20	
2142 30 ohm		
2143 400 ohm Potentiometer		
List Price \$1.50		

**71c**

**89c**

# New Quadraformer Shielded VI

Described and Specified in Radio News

The Editor of Radio News has this comment to make upon this new receiver:

"The Quadraformer receiver offers a number of novel points. It uses a rather unique toroid, which in our estimation, is a great improvement because it gives no rise to destructive capacity effects, usually found in many doughnut-type inductances. Secondly, by shielding the toroid itself completely, additional advantages are obtained.

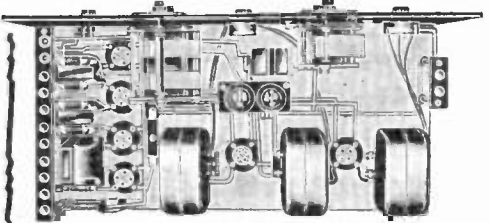
"The set was tested out in RADIO NEWS laboratories by disconnecting the aerial and ground completely. No reception was had from a nearby broadcast station less than 15 blocks away. Usually unshielded sets tested in this particular locality, if they are sensitive at all, will operate well without aerial and ground, showing that the coils in the set pick up the energy, which is exactly the thing that a good set should not do nowadays.

"The set gives excellent quality, mainly for the reason that there is no chance of interstage coupling due to the effective shielding, and outside interference entering the set is extremely small.

"The construction of this receiver is rather simple and it is easy to build by the average set constructor."

It is easy to tune—no wiggling of rheostats or oscillation controls, no squeals or distortion. It's a trouble proof set, far more sensitive and far more selective, of greater volume and more natural tone than any radio receiver you have ever heard.

Our attractive prices on this kit make it especially interesting to the set builder and dealer. The parts listed below have all been carefully selected and are especially recommended for use in this circuit.



## COMPLETE PARTS

1 Quadraformer Shielded Essential Kit including Shielded Antenna Coupler; 2 Shielded R. F. Transformers and 2 Amperitrols; 1 Sampson A. P. 3½ to 1 Transformer; 1 Amco Single .0005 Condenser; 1 Amco Double .0005 Condenser; 2 XL Varlo Densers; 1 Dubilier .5 By-pass Condenser; 1 Sangamo .01 Condenser; 1 Sangamo .001 Condenser; 1 Sangamo .00025 Grid Condenser; 2 Daven Resistance Coupled Amplifier Units with Resistors; 1 5 meg. Lynch Grid Leak; 1 Carter 10 ohm Midcat Rheostat with Switch; 2 Carter Midcat 10 ohm Rheostats; 6 1½ type Sockets; 11 XL Binding Posts; 2 Tip Jacks; 2 Kurz Kasch Vernier Dials; 1 7x21 Panel; 1 Wood Baseboard; 3 Bakelite Mounting Strips with Pillars; 28 ft. Bus Bar; 10 ft. Spaghetti; Screws and Lugs. Total List Value, \$67.60. **\$38.10**  
No. 8880. YOUR NET COST.....

## SIR OLIVER LODGE "N" CIRCUIT RECEIVER

### Two Tube Long Distance Loud Speaker Reception

A revolutionary new circuit. Entirely new principle of oscillation control. Successfully suppresses any tendency toward reradiation. Efficient in all respects—developed by the foremost engineer.

### Five Tube Results—Not Reflexed

Uses the new Emerson Multivalve and the 112 power tube. The Emerson Multivalve is actually three tubes in one. It has a single filament and three grids and three plates. One tube economy with three tube efficiency. Astounding results. A two tube receiver that will bring in stations hundreds of miles away with full loud speaker volume. Will outperform many four and five tube sets. Highly sensitive and selective. Will separate stations in the most crowded districts.

#### LIST OF PARTS

1 Bakelite 7x14 drilled panel, \$3.50; 1 7x13 baseboard, 50c; 1 Precision "N" coil kit, \$6.00; 1 modified S.L.F. 00025 variable condenser, \$3.00; 2 XL G 10 variometers, \$2.50; 2 Sanson transformers, 2-1, \$10.00; 1 Lynch double resistor mounting, 50c; 1 Lynch .1 resistor, 75c; 1 Lynch .5 resistor,

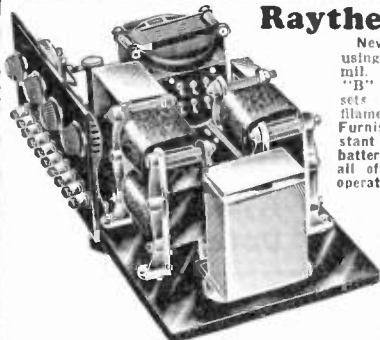


50c; 1 Lynch 1 meg. resistor, 50c; 1 Electrical variable resistance 0-500,000 ohms; 1 Carter battery switch, 50c; 1 grid condenser, .00025, 40c; 1 .01 fixed condenser, 50c; 2 Patent UX cushion sockets, \$1.30; 1 Amperite 1A, \$1.10; 1 Amperite 12, \$1.10; 1 Kurz Kasch vernier dial, \$4.00; 8 Fahnestock clips, 20c; screws, wire, lugs, etc., \$1.00; 1 wiring diagram, 75c. **\$23.90**  
No. 8877. Total List, \$40.00. **YOUR PRICE.....**

Tubes required: One Emerson Multivalve and one 112 power tube.

## PRECISION "N" COILS

No. 1189. For the Lodge "N" Circuit. Official coils for the American design of the famous Sir Oliver Lodge "N" circuit. The choice in the set is of special capacity. All three coils are equipped with special mounting brackets and diagram showing their use in the circuit. List Per Set, \$6.00. **NET PRICE, \$3.85**



## Raytheon "ABC"

New complete power unit using Raytheon "AB" 350 mil. tube for supplying "A," "B" and "C" current to set; using 201A tubes with filaments wired in series. Furnishes quiet, humless, constant power, dispensing with batteries entirely. Furnishes all of the power required to operate any receiver. Not adapted to standard type sets. May be used only with circuits with series wired filaments as designed for the new 350 mil. tube.

#### LIST OF PARTS:

1 Acme RA power transformer; 2 Acme RA filter chokes; 1

Tube Raytheon "ABC" Block, No. 1; 1 Tube Raytheon "ABC" Block, No. 2; 1 Tube buffer; 1 Bakelite socket; 1 power Clarostat; 2 Universal Clarostats; 1 C.R.L. 150 ohm potentiometer; 1 Elmenco 1000 ohm resistance; 1 Elmenco 800 ohm resistance; 10 XL binding posts; 1 10x20 base; 1 7x10 drilled panel; miscellaneous screws, lugs, wire; 1 diagram.

No. 8878. Total List, \$85.25. **YOUR PRICE \$53.30**  
Requires—1 Raytheon AB 350 Mil. Tube.

## Aero Short Wave Converter Kit

Adapts any radio receiver to short wave reception from 15 to 250 meters. Wonderful long distance results and exceptional records for long range reception have been established in short waves. The owner of any radio receiver can build this Converter at little expense and use his receiver either for broadcast or short wave reception at will. The Converter can be quickly disengaged from the radio receiver for reception from 200 to 550 meters. The same excellent results may be secured with the short wave Converter in any radio set as are being obtained with the nationally known, famous Aero Short Wave Kit. Uses only one 201A tube.

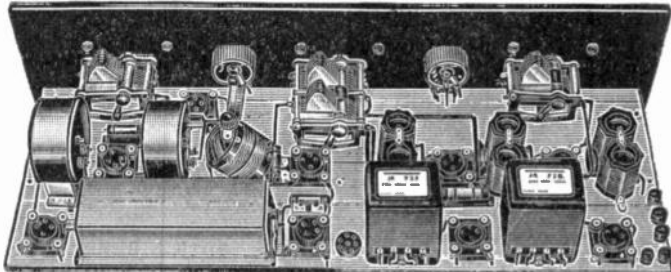
#### LIST OF PARTS

1 Aero Short Wave Tuner Kit, \$12.50; 1 Amco .00025 S.T.L. condenser, \$3.00; 1 Amco .00014 S.T.L. condenser, \$2.75; 5 Aero 60 chokes, \$1.50; 1 Carter .001 grid condenser, 50c; 1 Tube tipon 5 meg. grid leak, 50c; 1 Benjamin cushion socket, 75c; 1 Carter 25 ohm rheostat, 50c; 2 National type B dials, \$5.00; 1 7x14 panel, \$1.50; 1 7x13 sub panel, \$2.15; 1 pair Aero sub panel brackets, 70c; 1 tube base, 20c. **\$18.55**

No. 8879. Total List, \$31.55. **YOUR PRICE..**

# Camfield Super Selective Nine

Described in Citizens' Radio Call Book and Radio Review and Listeners' Guide. One of the most sensitive and selective circuits ever developed, combining many unusual features found in practically no other type receiver or kit. Tuned radio frequency, intermediate frequency amplification, band pass filtration, high quality audio amplification. Tuned radio frequency amplification of high efficiency is secured with the new Camfield duoformer coils. These provide high step-up radio frequency amplification, sensitivity, selectivity and freedom from oscillation. The high amplified signal is then converted to a lower frequency by the superheterodyne oscillator method and is further amplified through the Rusco intermediate transformers. The signal is then passed through the band pass filter so designed that a band of ten kilocycles only will enter the detector. This provides perfect selectivity, freedom from interference and permits reception from distant points with volume, clarity and power. The renowned high quality Silver-Marshall transformers make up the audio end.



## UNUSUAL FLEXIBILITY

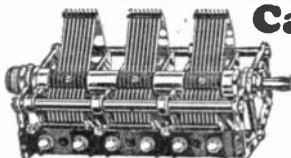
The turning of the switch on the panel converts this nine-tube powerful superheterodyne into a five-tube, two-control radio frequency receiver for reception of local stations with low battery consumption whenever desired.

## LIST OF PARTS

1—Camfield No. 251 .00025 equaltune condensers.....	\$ 5.50	2—Tobe .50 condensers.....	\$ 1.80
1—Camfield No. 351 .00035 equaltune condenser.....	5.75	2—E-M 220 audio transformers...	16.00
1—Camfield No. 352 .00035 double equaltune condenser...	10.50	1—Frost 6 ohm rheostat.....	1.00
1—Camfield 22K duoformer kit...	10.00	2—Frost 400 ohm potentiometer	2.00
1—Camfield No. 620 coupling unit	3.50	3—Kurz-Kasch vernier dials...	6.00
1—Rusco No. 10 K.C. band pass filter.....	15.00	9—Benjamin cushion sockets...	6.75
2—Rusco No. 95 K.C. I.F. transformers.....	12.00	1—Carter Midget battery switch	.50
1—Dubilier 601 .002 condenser...	.40	8—Karas brackets.....	.70
2—Dubilier No. 601G .00025 grid condensers.....	.90	2—Tube 5 condensers.....	1.80
2—Dubilier 3-meg. grid leaks...	1.00	1—Carter No. 6 jack switch...	1.45
		5—Eby binding posts.....	2.50
		1—Jones P. M. plug.....	2.50
		1—Amperite No. 3A.....	1.10
		1—Amperite No. 4A.....	1.10
		1—Drilled and engraved panel, 7x30	7.60
		1—10x29 sub panel.....	7.60
		Screws, lugs, wire, diagram.	3.00

No. 8904  
Total List Value  
**\$124.70**  
Your Price

**\$72<sup>32</sup>**



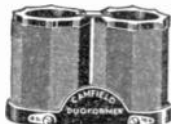
## Camfield Equaltune Condensers

New single, double and triple condensers.

Especially designed for multiple-circuit tuning with single control. Provided with special adjustment feature which makes possible the perfect equalization of all circuits after the receiver has been completely wired. Eliminates the necessity of vernier or trimmer condensers. Rotor is mounted on ball bearings.

Single Condensers			Double Condensers			Triple Condensers		
No.	List	NET	No.	List	NET	No.	List	NET
1019. .00025 \$5.50	\$3.22		1022. .00025 10.00	\$5.88		1025. .00025 14.00	\$8.25	
1020. .00035 5.75	3.38		1023. .00035 10.50	6.18		1026. .00035 15.00	8.82	
1021. .0005 6.00	3.53		1024. .0005 11.50	6.76		1027. .0005 16.00	9.41	

## Camfield Duoformer



Type 22K Duoformer kit. Perfectly matched non-oscillating radio frequency transformers. These are the

coils originally specified for the Infradyne and approved by E. M. Sargent. Specified for the Camfield Super-Selective Nine and in many other new circuits.

Camfield duoformers are wound on a twin moulded bakelite low loss ribbed frame. The utmost in selectivity and sensitivity is insured by this special design. Packed in sets of three and matched absolute uniformity.

No. 1014. Per Set of Three. **\$5<sup>88</sup>**  
List price, \$10.00.  
YOUR PRICE.....

## Rusco Intermediate Transformer

No. 1016. Specified for the Camfield Super-Selective Nine, and are designed for use with the Rusco 10 K.C. band pass filter. Sharply peaked and matched. High amplification. Low loss. Completely shielded. Used for any supercircuit.

List price, \$6.00. YOUR PRICE..



**\$3<sup>53</sup>**

## Camfield Oscillator

No. 1017. Type 23 Inductance Cell. A tapped inductance specified for the Remier Infradyne in Citizens' Radio Call Book, designed primarily for this circuit. Wound on genuine bakelite.

List \$1.50. YOUR PRICE.....



**89c**

## Camfield Coupling Unit

Oscillator Coupler, Type 620. Specified for the Camfield Super-Selective Nine, also for the Remier-Best famous superheterodyne.

The Camfield type 620 oscillator coupling unit is wound of green silk wire on black bakelite tubing. Designed for either base-board, sub-panel or panel mounting. The secondary winding is split in the center and four terminals are provided.

No. 1018. **\$1<sup>94</sup>**  
List \$3.30. YOUR PRICE .....



## Rusco Band Pass Filter

The Rusco type 10 K.C. band pass filter, as specified by the Citizens' Radio Call



Book for the new Camfield Super-Selective Nine is an entirely new development in superheterodyne filters. Perfect selectivity is obtained without mar to tone quality.

Because of the extreme selective characteristics of the filter, it is possible to use both antenna and radio frequency amplification in connection with circuits that in the past have given satisfactory selectivity only when used with a loop.

No. 1015. **\$8<sup>82</sup>**  
List \$15.00. YOUR PRICE .....

## Windsor Table Cone



**Cone Speaker Table**  
—Wonderful Quality

The Windsor Cone Speaker Console, equipped with the patented Windsor Loudspeaker Unit, is 22 inches cone diameter. Mounted on sounding board. Battery shelf in the rear for batteries, chokes and eliminators. Table is 30 inches long, 17 inches wide, standing 29 inches from the floor. Finished in beautiful walnut. Beautifully designed, well constructed cone speaker.

This speaker will give you beautiful tone quality—clearer reception. No sound loss. Avoids distortion. A tremendous bargain and one of the fastest sellers of the country.

This is your opportunity to get a combination cone speaker and radio table at our extraordinary low price.

No. 8900. List price, \$29.00.  
YOUR SPECIAL PRICE.....

**\$17<sup>05</sup>**

## Western Electric Cone Speaker

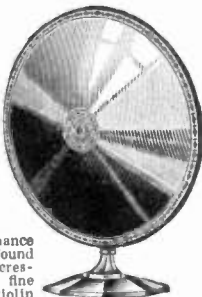
One of the original cone speakers. Genuine Western Electric product. Incomparable quality. Known and conceded as the ultimate of loud-speaker development. The Western Electric cone so vividly reproduces with perfection and fidelity that the world's artists seem to perform in your own home.

### Superior Speaker Mellow Reproduction

Proof of the wonderful performance of the Western Electric cone is found in the perfect rendition of the crescendo of the symphony, and the fine shading of the overtones of the violin and the bass viol. These shadings and overtones really are the factors that distinguish good music from the more mediocre type and usually they are hopelessly lost in the average loud-speaker.

Western Electric speakers need not be placed in so-called advantageous positions for best results. They will fill the room with music regardless of how they are placed.

No. 8901. Western Electric cone type 540-AW. Diameter, 18 in.; height, 21 in. Shipping weight, 10 lbs. Beautiful bronze base with bronze colored cone. NET.....



**\$27<sup>20</sup>**

## New Lacault L-R4 Shielded Ultradyne An Advanced 9-Tube Super As Specified in Radio News

This circuit incorporates the desirable features of the time-tried Ultradyne circuit and in addition includes the newest improved engineering features of shielding and tuning.

The single stage of shielded tuned radio frequency amplification preceding the "modulator" circuit, the most sensitive form of input, employs an automatic-constant coupling system which provides equal transfer of energy on all wavelengths.

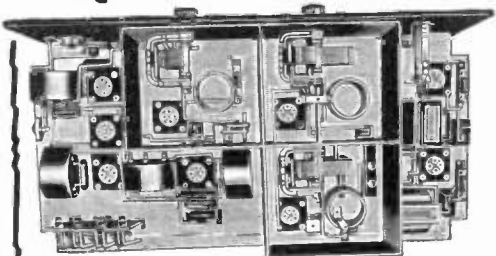
The "Uni-chokes" employed as intermediate-frequency transformers are surprisingly efficient and have a frequency-response curve far superior to that of most long wave transformers. The last stage of audio-frequency amplification employs a power tube which is capable of producing an undistorted output of great volume. All important radio and audio frequency circuits are by-passed by large fixed condensers.

The receiver consists of a stage of auto-coupled, tuned radio-frequency amplification, an oscillator, a modulator, three stages of long wave radio-frequency amplification, a detector and two stages of transformer-coupled audio-frequency amplification. The tuned radio-frequency, the modulator and the oscillator circuits are all shielded.

The set is easy to wire and operate and gives long distance reception with clearest tones.

### The Parts Used Are:

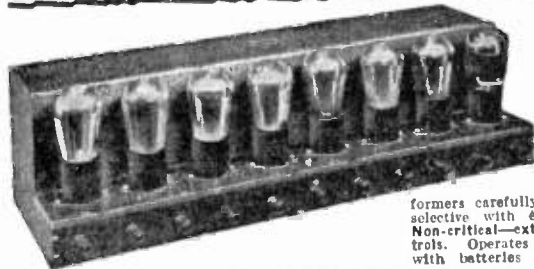
1 8x24 drilled panel. 3 Hammarlund .00035 condensers. 1 Baseboard. 3 Hammarlund shields. 2 Equalizers. 6 5 by-pass condensers. 1 1 by-pass condenser. 3 .005 by-pass condensers. 1 .001 by-pass condenser. 1 .002 by-pass con-



denser. 1 .0025 by-pass condenser. 1 RF 17 coil. 1 RF 18 coil. 1 Auto couple coil. 2 Thordarson R200 transformers. 9 Benjamin cushion sockets. 2 Marco dials. 2 20-ohm rheostats. 1 potentiometer. 6 Amperites. 9 Binding posts. 4 R.E.L. type F units. 1 Two-circuit YOUR NET PRICE jack. 1 Single-circuit jack. 1 Filament switch. 1 104-in. shaft. 1 B.P. strip. 1 4x4x4 bakelite strip. Screws, wires, bus bar, lugs, diagram.

No. 8825. Retail value, \$113.25.

**\$70<sup>95</sup>**



## Eight-In-Line Super

A new powerful superheterodyne requiring practically no wiring and a minimum amount of assembly. Completely built Eight in Line essential unit. Requires only a panel assembly for completion. Extremely simple. Highly efficient circuit. Intermediate transformer. Adaptable to power tube operation. Non-critical—extremely easy to tune with only two main tuning controls. Operates with standard 201A tubes. Will function satisfactorily with batteries or "B" eliminators.

### Easily and Quickly Assembled

Simplicity is the keynote of this new receiver. Only a few parts to assemble on the panel which is already drilled, a few wires to connect to binding posts and to batteries or power units and the instrument is ready for operation. Can be completed by anyone in an hour's time.

### List of Parts:

1—Eight in Line Unit.....\$105.00  
1—Lignole 7x24 drilled and engraved panel.....8.60  
1—Carter 10 ohm rheostat......50  
2—DeJur .0005 variable condensers.....7.00  
1—Carter filament switch......60  
1—Midget condenser .000045.....1.60

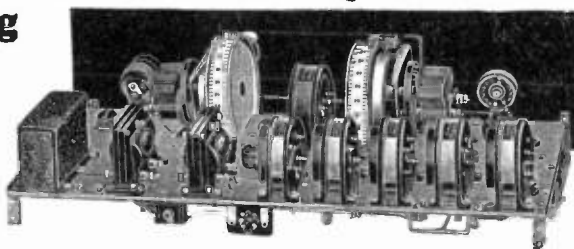
2—Kurz Kasch aristocrat venier dials.....\$4.00  
1—Carter 1 ohm resistance......16  
10 ft. flexible hook-up wire.....  
Diagram and instructions.....  
No. 8822. List, \$127.40.  
YOUR PRICE.....

Eight in Line unit only without panel assembly or tubes. May be used in combination with any desired apparatus. Complete wired essential superheterodyne unit.  
No. 8823. List, \$105.00.  
YOUR PRICE.....

**\$79<sup>50</sup>**  
**\$67<sup>50</sup>**

# Magnaformer 9-8 Receiver

**Featuring  
The  
Latest  
Citizens  
Circuit**



**Total List  
\$130<sup>60</sup>  
YOUR PRICE  
\$76<sup>95</sup>**

**S**PECIFIED in the Citizens Radio Call Book and many of the latest publications. Sensational performance—advance design. New and novel. Highest grade laboratory construction throughout. Superb tone quality with the new, unique Ferranti transformers. Amplifies all frequencies equally, naturally and with fidelity. Hair splitting selectivity cuts through local stations. Builds up weak distant signals to full local volume. Great distance getter. Remarkable non-critical sensitivity. Easy to tune. The shielded coils insure quiet operation and freedom from interstage coupling and pick-up. Double amplification per stage. Uniform amplification of all broadcast frequencies. Has latest illuminated drum dials. Attractive factory built appearance. A turn of the switch will convert the Magnaformer from a nine to an eight tube receiver at will. Established a record for distant reception.

## Easy to Build and Wire

Furnished with complete full size blue prints and assembly plans. Simple to construct a precision built instrument that ranks foremost in laboratory circuits and which is now available to amateurs and set builders as the perfection of a truly remarkable receiver designed from the best available parts.

## Powerful Superheterodyne

A new design in superheterodyne circuits. Increased tube for tube efficiency. Each stage individually sharp tuning differing from usual superheterodyne circuits where several successive broad stages proceed only one so called sharp tuning filter stage. Each individual radio frequency stage in the new Magnaformer circuit is sharply peaked. This results in utmost selectivity without interference and increased step-up amplification.

## Power Amplification

While great stress has been laid upon the efficiency of the radio frequency end of the new Magnaformer-8 the audio frequency circuit has been carefully engineered to give perfection of tone. Full power amplification is obtained. Uses the power tubes 112 and 171 in combination. The wonderful Ferranti transformers giving equal amplification and tone filter output, the results obtained are astounding. The use of output tube filter keeps direct current out of loud speaker permits the amplification of maximum voltage to the 171 tube without danger of injury to the speaker. Tremendous volume. Perfect tone quality.

### LIST OF PARTS:

1 Bakelite panel 7x26; 1 Frost 10 ohm rheostat and \$6.50; 1 Bakelite sub panel battery switch, \$1.35; 1 Frost 9x25, \$6.50; 5 Magnaformer 10 ohm rheostat, \$1.00; 1 intermediate transformers. Frost 30 ohm rheostat, \$1.00; \$42.50; 1 Unicoupler unit. 4 Frost tip jacks, 60c; 2 Amperites 112, \$2.20; 1 Yaxley cable connector, \$3.00; 1 Carter jack switch No. 6, \$1.25; 9 Benjamin UX cushion sockets 2 2-in. right angle supports, 9044, \$4.50; 1 Pair Benjamin sub panel brackets, 70c; 2 1 Wiring diagram, screws, Ferranti audio transformers, wire, lugs, etc., \$2.20. No. 8868. YOUR PRICE  
**\$76<sup>95</sup>**  
LIST, \$130.60

## MAGNAFORMERS



Precision long wave intermediate transformers. Highest grade laboratory construction throughout. Hair splitting selectivity. Adaptable to any superheterodyne circuit. Completely shielded, thoroughly protected from moisture, dirt and dust. Perfectly matched and factory sealed.

No. 3145. RP 61 Long Wave Intermediate. List, \$0.50. **\$5<sup>00</sup>**  
NET  
No. 3146. CU 71 Uni-coupler. List, \$6.50. NET **\$3<sup>81</sup>**

## New Madison-Moore One Spot Eight-Super

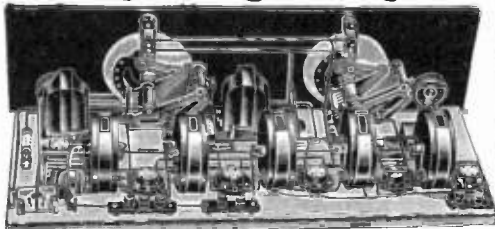
As Specified in Citizens Radio Call Book.

This circuit is built around the new one-spot transformers which are claimed to be even more wonderful than the previous Madison-Moore's and give positive selectivity at one point only on the dial and in addition higher quality and greater distance. Layout of parts produces a set which for workmanlike appearance is far ahead of anything yet designed.

### LIST OF PARTS REQUIRED



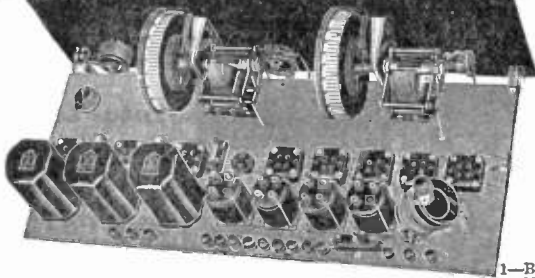
1 7x26 1/2 in. drilled and engraved front panel; 1 3/4x3 1/4 in. drilled Formica terminal strip; 2 3/4x2 1/4 in. drilled Formica terminal strips; 1 10 1/2x25 1/2 in. wooden baseboard; 1 set of 5 type HW Madison-Moore precision nuts; 1 Karas .0005 mfd. orthometric variable condenser; 1 Karas .00025 mfd. orthometric variable condenser; 2 Marco illuminated dials; 3 type UX sockets; 2 Karas harmonic transformers; 1 Frost 10-ohm rheostat; 1 Frost 20-ohm rheostat; 1 Frost filament switch; 4 type 4 Elkey equalizers with mounting; 1 type 2 Elkey equal-



izer with mounting; 1 type 4/3 Elkey equalizer with mounting; 1 Dubilier 2-meg. grid leak; 1 Tobo .00026 mfd. fixed condenser; 1 Tobo .005 mfd. fixed condenser; 2 Tobo 1 mfd. by-pass condensers; 1 Yaxley cable connector, complete; 7 Eby engraved binding posts; Wire, screws, nuts, soldering lugs, etc.

No. 8869. Total List Value, \$127.00. YOUR **\$78<sup>20</sup>**  
NET COST....

No. 3147. MADISON-MOORE ONE SPOT TRANSFORMERS. Set of five long wave sharply tuned intermediate superheterodyne transformers. List, \$55.00. YOUR PRICE. **\$32<sup>34</sup>**



## New Best's 45-KC Super

New Remler Best Superheterodyne—remodelled—improved—new developments—many new features. Selective and powerful. Tunes sharply through the most crowded districts for distant reception with power and volume. Simplified control with the new Tyrman drum dials. Easy to assemble and wire. Wonderful appearance with the drum tuning controls and beautiful etched panel escutcheon plate.

**Complete List of Parts:**

2—Camfield .0005 mfd. variable condensers.	\$11.00
2—Remler transformers 610	10.00
2—Remler transformers 600	12.00
1—Dubilier .006 mfd. fixed condenser	.35
2—Dubilier .00025 mfd. fixed condenser	.30
2—Dubilier .0025 mfd. fixed condenser	.35
1—Dubilier 1 mfd. by pass condenser	1.50
1—Dubilier 1/2 mfd. by pass condenser	1.00

1—Daven 2 megohm leak and mounting.	.85
1—Silver Marshall .00025 mfd. midgot condenser	1.50
1—Camfield oscillator coupler	2.50
1—Frost 10 ohm rheostat with switch	1.00
1—Frost 30 ohm rheostat with switch	1.35
1—Frost 25 ohm rheostat	1.00
1—Frost Jack 234	.75
1—Frost Jack 235	.85
8—Frost Sub-P panel sockets	3.20

1—Benjamin socket 9040	.75
1—Lynch No. 4 ballast resistor and mounting	1.00
1—Lynch No. 4/3 ballast resistor and mounting	1.00
14—Ray engraved binding posts	2.10
1—XL variocoupler	1.00
2—Tyrman drum dials	10.00
1—Tyrman audio frequency transformer	8.00
2—Tyrman push pull transformers	20.00
3—Karas sub-panel brackets	.70

1—Micarta 7x26x1/2 in. drilled and engraved panel	5.65
1—Micarta 10x25x1/2 in. drilled sub panel	5.75
Miscellaneous lugs, screws, wire, etc.	2.00

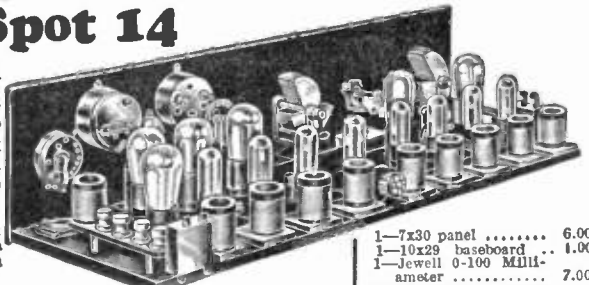
Total Retail List \$106.45  
No. 8856.  
YOUR WHOLESALE PRICE

**\$63<sup>85</sup>**

## Famous Hot Spot 14

New Melo-Heald 14 as described in the Citizens Radio Call Book

Revolutionary 14 tube superheterodyne circuit. Astounding results. Eight stages of intermediate radio frequency amplification build up the weakest distant signal to full intensity. The tone quality is superb. No harmonics. Actual single point reception. Ease of tuning. Only one oscillator setting for each station. Razor edge selectivity with two tuning controls. Economical in operation.



**List of Parts**

11—Melo Couplers	\$65.00
3—Multi Stage Meloformers	15.00
1—Melochoke	1.50
14—Cushion Sockets	10.50
1—Jones Cable Plug	4.50
8—X. L. Binding Posts	1.20
2—Sangamo .006 Condensers	1.70
1—Sangamo .00025 Fixed Condenser with Clips	.50

1—Durham 4 Mag. Metallized Grid Leak	.50
1—4 ohm Fixed Resistance	.15
1—3 ohm Semi-Fixed Resistance	.15
1—6 ohm Semi-Fixed Resistance	.15
5—Sangamo or Parvoit 1 mfd. condensers	6.25
2—Bakelite Strips	.50

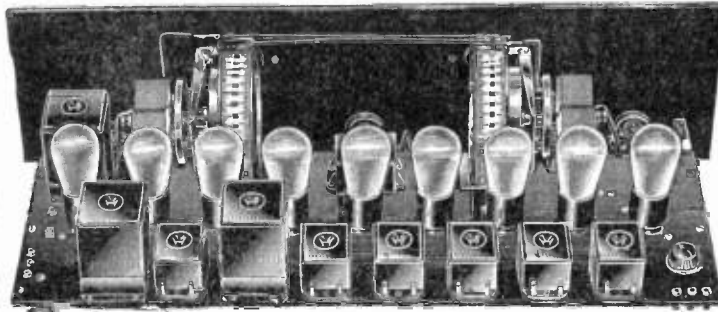
2—Hammarlund Midline .0005 Condensers	10.00
2—Kurz-Kasch Vernier Dials	4.00
1—Hammarlund midgot 9 plate Condenser	1.50
1—Potentiometer 400 ohm	.75
1—Frost 200,000 ohm Potentiometer with Filament Switch	2.10
1—Jewell Voltmeter 0, 7.5-150	9.00

1—7x30 panel	6.00
1—10x25 baseboard	1.00
1—Jewell 0-100 Milli-ammeter	7.00
Miscellaneous, screws, lugs, wire, diagrams	.50

Total List Value, \$149.45  
No. 8857—YOUR SPECIAL PRICE

**\$89<sup>90</sup>**

Tubes required for the Hot Spot 14 circuit are 8 UX 199, 5 UX 201A, 1 UX 171.



### LIST OF PARTS

**10 H. F. L. Units—List**

\$75.00. 9 Benjamin 9044 Sockets. 2 Remler Drum Dials—right and left. 2 Remler .0005 Variable Condensers. 1 Hammarlund .000045 Midgot Condenser. 1 pair Benjamin
--

8629 Brackets. 2 Carter By-Pass Condensers. 1 Carter .0005 Condenser. 2 Carter .002 Condensers. 1 Daven amp. Ballast. 1 Jones B. M. Multiplug. 1 Carter 6 ohm Rheostat with Switch. 1
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Carter 6 ohm Rheostat. 8 Carter Pup Jacks. 1 7x26 Engraved Front Panel. 1 8x24 Sub Panel. 1 Carter 200,000 ohm Hi-Ohm. Miscellaneous, screws, lugs, wire. 1 Diagram.
--

## Improved 9-In-Line

**H. F. L. SUPER-HET**  
Described in Citizens Radio Call Book and practically every other radio publication of merit. Long range. Brings in distant stations with full local volume and clarity. New audio amplifier with the new H. F. L. transformers and output transformer improves tone quality and permits the use of high voltage without injury to the loud speaker. Accurately matched intermediate transformers. Sharply cuts through powerful local stations with ease. Simplified control with the new Remler drum dials. Clean cut factory built appearance.

No. 8858. Total List Price, \$128.65. YOUR PRICE

**\$76<sup>43</sup>**

# Tyrman Ten

New laboratory model powerful coast to coast receiver. Designed in a new, revolutionary manner employing the new Kurz Kasch capacity connector which insures that each kit will be constructed as a duplicate of the laboratory model. One of the first circuits designed which can readily be standardized. Anyone can construct this powerful receiver as an exact duplicate of the laboratory instrument.

## Powerful—Selective

Tested under the most severe conditions. Definitely allows a clear ten kilocycle separation between all stations. Separates stations in districts. Powerful amplification. Multi-stage circuit builds up the weakest signals.

## Power Amplification

Employs the new Tyrman power transformers. Incorporating one stage straight power transformer followed by a stage of push pull power amplification. Each tube operates with a definite purpose at full efficiency. No overloading, no forcing. Quiet, powerful, satisfactory operation.

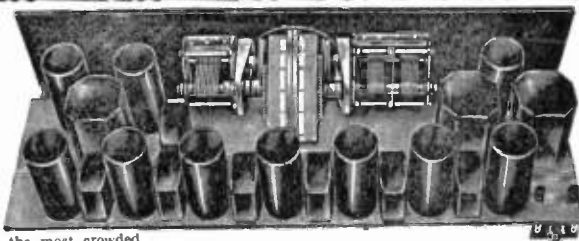
## Easy to Build

Can be assembled easily and quickly. We furnish genuine parts. Almost impossible to make wiring or hook-up mistakes. Large, plain layout-diagram furnished.

## Tyrman Transformers



No. 1153. Audio 3-1.	
List, \$8.00.	NET..... \$4.72
No. 1154. Push Pull.	
List, \$20.00.	NET..... \$11.76
No. 1155. TRF 200-560 meters.	List, \$4.00.
	NET..... \$2.36
No. 1156. TRF 160-360 meters.	List, \$4.00.
	NET..... \$2.36
No. 1157. Long Wave Intermediate.	
List, \$7.00.	NET..... \$4.12

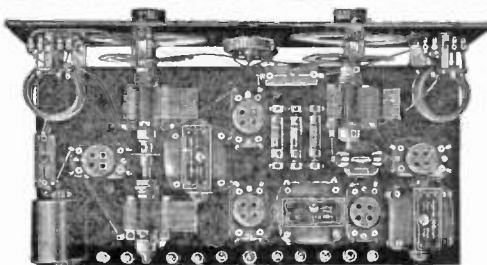


## LIST OF PARTS

2 Tyrman type 8-70 R.F. transformers, \$8.00; 1 Tyrman type 8-71 R.F. transformer, \$4.00; 4 Tyrman type 8-80 R.F. transformers, \$28.00; 1 Tyrman type 3-30 audio transformer, \$8.00; 1 pair Tyrman push pull transformers, \$20.00; 1 Tyrman double vernier drum, \$10.00; 10 Tyrman shielded sockets, \$12.50; 1 Kurz Kasch capacity connector, \$7.50; 1 bakelite 7x26 drilled panel, \$5.60; 1 bakelite 7x26 sub panel, \$4.75; 2 Benjamin brackets, \$0.75; 1 Carter 1 mfd. condenser, \$1.25; 1 Carter .5 mfd. condenser, \$0.90; 1 Carter .00025 condenser, \$0.40; 1 Carter .001 condenser, \$0.50; 1 Yaxley 669 connector, \$3.25; 1 3 meg. resistance with mounting, \$0.50; 1 .5 filament resistance, \$0.15; 1 .6 filament resistance, \$0.15; 1 Yaxley 200 ohm potentiometer, \$1.75; 2 .00005 mid-gate condensers, \$3.00; 1 Yaxley 25 ohm rheostat with switch, \$1.75; 2 binding posts, \$0.30; 1 Camfield .00035 condenser, \$5.00; 1 Camfield .00035 two gang condenser, \$10.00; 1 Yaxley 200 ohm grid resistance, \$0.25; blue print, diagrams, etc., \$5.00.

No. 8833. Total List, \$138.95, YOUR PRICE..

**\$82<sup>70</sup>**



## GENUINE LIST OF PARTS

1 set Hammarlund L.W. 3 Loftin-White coils.....	\$10.00
3 Hammarlund .0005 midline condensers.....	15.00
2-Pacent Input superaudioformers.....	15.00
1-Pacent Output superaudioformer.....	7.50
1-Pacent rheostat 10 ohm.....	7.75
5-Pacent cushion sockets.....	3.25
2-Marco 220 illuminated dials.....	7.00
1-Durham resistor, 2 meg.....	.60
1-Yaxley Jr. jack.....	.75
1-Midget battery switch.....	.50

1-Sangamo .00025 condenser.....	\$ 3.50
1-Sangamo .0001 condenser.....	
3-Sangamo .0004 condensers.....	
2-X.L. G5 variometers.....	3.00
2-Amperites, No. 1A.....	2.20
1-Amperite, No. 112.....	1.10
12-Eby binding posts.....	1.80
1-Drilled, engraved front panel....	3.25
1-Drilled sub-panel.....	4.00
1-Loftin-White foundation kit.....	6.00

Total Retail Price.....\$85.10

No. 8834

Your

Special Price

**\$54<sup>21</sup>**

## Loftin-White Kit Constant Coupling Receiver

A new and basic circuit embodying a principle in design that is revolutionary—equal amplification of radio signals over the entire wave length scale. The constant coupling permits the transform of full radio frequency energy at all wave lengths without loss resulting in ultra selectivity, unusual volume and equal efficiency at all wave lengths.

## Non-Regenerative—Radio Perfection

En'v absence of distortion, background noises, but with full volume. The circuits are perfectly synchronized and kept at resonance at all wave lengths and at the same time eliminates the undesirable characteristics of regeneration. Combines in one receiver all of the desirable features of innumerable circuits.

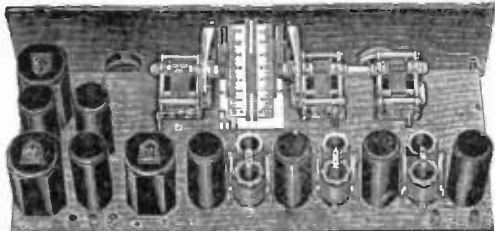
## New Camfield Duoformer Seven

Remarkable new tuned radio frequency circuit. New push pull full wave power audio amplification. Designed for stability and ease of operation. Highly selective, powerful and sensitive. Wonderful tone quality. Use any of the latest power tubes. Easy to assemble. Exceptional results. Described and specified in the Citizens Radio Call Book.

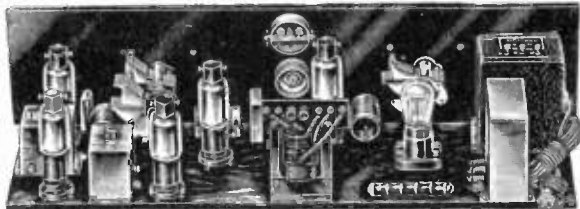
### LIST OF PARTS

1 Bakelite drilled and engraved panel, 7x26, \$5.60; 1 Bakelite drilled and engraved sub-panel, 10x25, \$5.95; 3 Camfield .00035 condensers, \$15.00; 3 Camfield duoformers, \$10.00; 1 Carter 20 ohm rheostat, \$1.00; 1 Carter 6 ohm rheostat, \$1.00; 1 C.R.L. 10,000 ohm variable resistance, \$2.00; 1 Carter battery switch, \$0.70; 1 Micamold .001 fixed condenser, \$0.40; 1 Micamold .00025 grid condenser, \$0.45; 1 Grid leak 3 meg, \$0.25; 1 Amperite type 1A, \$1.10; 1 Amperite type 4A, \$1.10; 1 Yaxley 660 cable connector, \$3.00; 5 Eby binding posts, \$0.75; 2 Amso tip jacks, \$0.75; 2 Benjamin brackets, \$0.75; 7 Tyrman shielded sockets, \$8.75; 1 Tyrman audio transformer, \$8.00; 1 pair Tyrman push pull transformers, \$20.00; 2 Tyrman drum dials, \$10.00; 1 Carter H-1000 resistance, \$0.30; 1 By-pass condenser 1 mfd, \$0.90; screws, lugs, wire, etc., \$0.50; 1 wiring diagram, \$0.25.

No. 8832. Total Retail Price, \$88.50.



**\$49<sup>85</sup>**  
Your Price



## New Sovereign A. C. Kit

**No Batteries—No Eliminators**

Complete A.C. operation is secured using the new A.C. tubes. Plug in at the light socket. No chargers, no relays, no eliminators and no batteries.

### Long Distance—Powerful A. C. Reception

Built in the latest circuit. Two dial control. Space wound most efficient low loss solenoid radio frequency coils. New high quality power audio transformers. Perfection of tone quality. Wonderful reproduction. High amplification.

#### Complete List of Parts

1—Bakelite 7x30 panel; 1—9x29 base; 1—Modified S.L.F. .00035 condenser; 1—Modified S.L.F. double .00035 condenser; 3—Space wound R.F. coils; 5—Bakelite UX sockets; 1—Bakelite UV socket; 1—Power rheostat 200 ohms; 1—Variable resistance 200,000 ohms; 1—Volume control; 1—A.C. switch; 1—Power trans-

former; 1—Thordarson 171 compact; 1—171 filter condenser bank; 1—171 tapped resistance; 2—Knight power transformers; 1—0-1 volt voltmeter; 1—.5 by-pass condenser; 1—1 mfd. by-pass condenser; 2—Tip jacks; 2—Kurz Kasch vernier dials; 1—.00025 fixed condenser; 1—Single mounting; 1—Grid leak 2 meg.; 1—.002 condenser; 5—Sovereign A.C. tubes.

### Wonderful Tone Quality—No Hum

The Sovereign A.C. tubes are quiet and humless in operation. The new power transformers amplify equally over the full musical scale producing natural, full, rounded tone. This powerful A.C. kit is simple to build and operate. Furnished with layout and wiring diagram.

1—Raytheon BH tube; Screws, wire, lugs, etc.; 1—Wiring diagram.  
No. 8874. Total Retail List, including Tubes, \$118.90.

**Your Price** **\$70<sup>95</sup>**  
Including Tubes

## Electric Bodine- Phasatrol Six

Latest Bodine circuit with the new Q. R. S. "ABC" Supply Unit for complete electrical operation. No batteries or relays are required.

### Non-Oscillating

Complete with Phasatrols. The latest improved method for suppressing oscillation without loss of efficiency. No squeals or howls. Powerful amplification. Long range reception. Hair line selectivity without critical oscillation controls.

### Simplified Control

Double illuminated drum control. Three powerful stages of radio frequency amplification followed by power audio amplification. Easily assembled with factory built appearance.

#### List of Parts

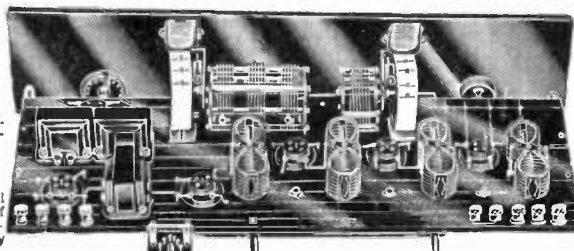
1—Amsco .00035 three gang S.T.L. condenser; 1—Amsco .00035 single S.T.L. condenser; 2—Fixed condensers .002; 2—Fixed condensers .00025; 4—By-pass condensers .5; 1—By-pass condenser 1 mfd.; 1—Grid leak 3 meg.; 1—Single grid leak mounting; 3—Phasatrols; 2—Halldorsen audio transformers; 1—Hal-

dorsen output transformer; 1—Bodine antenna coil T 35; 3—Bodine R.F. coils T 135; 1—Carter 100 ohm rheostat; 1—Carter 20 ohm fixed resistance; 1—Carter A.C. switch; 1—Yakley cable connector; 1—Frost 50,000 ohm variable resistance; 2—SM drum dials; 6—SM 511 sockets; 3—Benjamin brackets; 9—XL binding posts; 1—7x28 drilled and engraved panel; 1—9x27 drilled sub-panel;

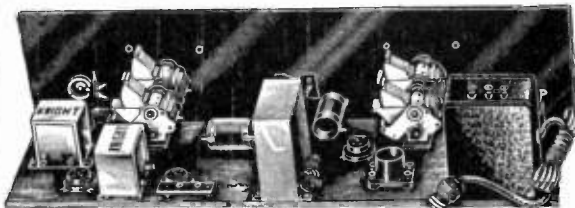
el; Miscellaneous lugs, screws, wire; 1—Wiring diagram.  
No. 8875. Retail Total List, \$89.25.

**Your Price** **\$55<sup>85</sup>**

See page 49 for ABC power unit for operating this kit.



## New Seven Tube A. C. Electric Kit



### Power Amplification

New Knight power transformers. Highest quality amplification. Perfectly reproduces the full musical scale naturally with fidelity. 180 volts supplied to power tube for full efficient operation.

#### List of Parts

1—Bakelite 7x30 panel; 1—9x29 base-board; 2—Double modified S.L.F. .00035 condensers; 1—Thordarson 171 compact; 1—Filter condenser bank; 2—Tapped resistances; 4—Space wound radio frequency coils; 6—Bakelite UX sockets;

1—Bakelite UV socket; 1—Cardwell dual balancer; 2—Knight power audio transformers; 1—200,000 ohm variable resistance; 1—A.C. switch; 1—Modulator 500,000 ohms; 1—Grid condenser .00025; 1—Grid leak 2 meg.; 1—Bakelite terminal strip; 2—Tip jacks; 2—Kurz

Complete A.C. electric operation without batteries, chargers, relays, eliminators. Build this powerful kit in a few hours time. Plug it in the light socket for coast to coast reception.

### Powerful Reception

New design feature circuit. Highly efficient in every detail. New space wound low loss solenoid coils. Latest modified straight line frequency condenser of highest quality. New power transformers for perfection of reproduction. Nationally known apparatus throughout. Uses 199 tubes wired in series with 171 or 112 power tube and Raytheon BH rectifier. Furnishes complete its own "ABC" supply. Requires no additional eliminators, batteries or other supply units. A complete A.C. electric kit. Nothing else to buy other than tubes and loud speaker.

### Sensitive—Selective

3 stages of highest quality radio frequency amplification followed by power audio. Coast to coast reception. Stations thousands of miles away heard with full loud speaker volume. Simplified two dial control. Latest design vernier tuning dials used. Highest quality kit.

Kasch vernier dials; Screws, wire, soldering lugs; 1—Diagram.  
No. 8876. Total List, \$75.00.

**Your Price** **\$44<sup>10</sup>**

**Tubes Required—5 Cunningham CX-299, 1 CX-171, 1 Raytheon BH Tube.**

# New Improved Hammarlund Hi-Q Six

No. 1928. Latest design improved Hammarlund Roberts Hi-Q Six. Wonderful factory built appearance. Clean cut accurate apparatus. New illuminated drum control. Highest Quality—new, accurate, efficient, modern apparatus throughout.

## Completely Shielded

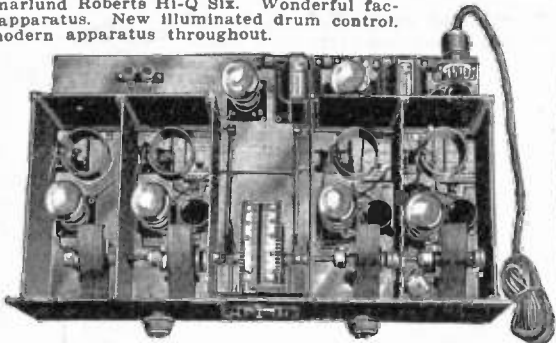
Incorporates the new auto couple coils with each stage individually shielded, the new design Hammarlund midline condensers separating stations equally and the Samson high quality symphonio transformers for perfect reproduction.

## Wonderful Results

Powerful, selective. Simple to tune with great amplification and natural reproduction. Long distance reception. Cuts through local stations.

## Simple to Assemble

Furnished with foundation unit including drilled and engraved panel, Van Doorn steel chassis, aluminum shields and all necessary hardware. Assembles easily with the least amount of time and effort. Popular and efficient. Complete easily followed instructions furnished.



## ONLY GENUINE SPECIFIED PARTS

2 Samson Transformers, \$15.00; 4 Hammarlund .0005 Midline Cond., at \$5.50, \$22.00; 4 Hammarlund HIQ Six Auto Couple Coils (Cod HQ-64) at \$3.00, \$12.00; 4 Hammarlund RFC-85 Radio Frequency Choke Coils at \$2.00, \$8.00; 1 Hammarlund Illuminated Drum Dial, \$6.00; 1 Hammarlund .001 mfd. Bakelite Fixed Condenser, 50c; 1 Hammarlund .00025 mfd. Bakelite Grid Condenser with clips, 50c; 1 Carter No. 1R-6 Imp Rheostat, 6 ohm, \$1.00; 1

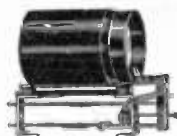
Carter Imp Battery Switch with knob, 75c; 1 Durham Metallized Resistor, 2 megohms, 50c; 3 Parvoit 1/4 mfd. Series A Condensers at \$1.00, \$3.00; 2 Amperites No. 1A at \$1.10, \$2.20; 1 Amperite No. 112, \$1.10; 6 Eby Universal Sockets at 40c, \$2.40; 3 Eby Engraved Binding Posts at 15c, 45c; 1 Xaxley No. 660 Cable Connector and Cable, \$3.00; 1 Hammarlund-Roberts HIQ Six Foundation Unit, \$15.50.

Stock No. 8872. Retail, \$98.90

Your Net Price **\$54<sup>76</sup>**

No. 1181. Hammarlund HI-Q Six Foundation Unit, Ltd., \$15.50. YOUR PRICE... **\$10.07**

# Hammarlund Auto Couple Coils



No. 1182. HQ-1 auto couple coil including mounting bracket and cam. List each \$3.50. NET..... **\$2.06**

No. 1183. HQ-6. New HI-Q 6 auto couple coil. List each \$3.00. Net... **\$1.78**

No. 1184. Stroboddyne Coils. Set of 3. List, \$10.00. NET..... **\$5.95**

No. 1185. Lottin - White coils. set of 3. List, \$10.00. Net..... **\$5.95**

No. 1186. Hammarlund Shield. List, \$2.00. NET..... **\$1.20**

No. 1187. New HI-Q Complete Shield. List, \$6.00. NET..... **\$3.55**

No. 1188. Hammarlund Equalizer. List, 50c. NET..... **30c**

## Q. R. S. 400 Mill. "ABC" Supply

New power supply unit designed to furnish complete "ABC" current to receivers using 201A tubes wired in series. Ideally adapted to the power supply unit for the new electrically operated Bodine-Phasastrol Six. Cannot be used with radio receivers wired in the usual way. It is essential that the filaments of the tubes be wired in series for adaption to this new "ABC" unit.

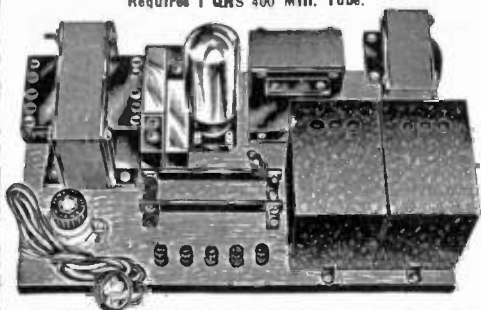
### LIST OF PARTS:

- 1—Thordarson power transformer type T 2251.
- 1—Thordarson double choke type T 2029.
- 1—400 mill. filter condenser block.
- 1—400 mill. buffer condenser.
- 1—Bakelite socket.
- 1—Electric lamp socket.
- 1—amp. tube.
- 5—Binding posts.
- 2—Carter No. 401 resistance unit.
- 1—15x30 Baseboard.
- 1—Diagram and miscellaneous.

No. 8871. Total List, \$73.00. YOUR PRICE.....

**\$43<sup>80</sup>**

Requires 1 QRS 400 Mill. Tube.



## Trav-ler Portable

### SINGLE CONTROL BUILT-IN SPEAKER

The TRAV-LER weighs only 24 pounds completely equipped, and has the volume and quality of reproduction which puts it far in the lead in this type of receiver. Low price and unusually high standard of quality.

The TRAV-LER Portable 5 is the result of exhaustive tests and experimenting, and no expense has been spared to produce a high class set of real quality as well as portability. The very best of materials and workmanship insures real satisfaction.

### Operates Anywhere

Simply place the loop aerial, which is contained in the cover on top of set, turn on the switch and the receiver is ready to operate, whether you are at home or en route on train, auto or boat.

### Distant Reception—Volume

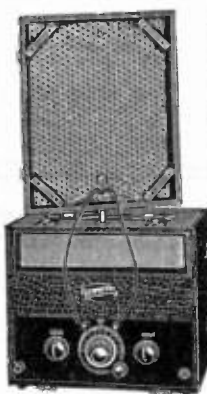
The TRAV-LER Portable 5 combines small size with ease of portability, sweet tone, ample selectivity, strong volume, distance and low price.

A sturdy, neat-appearing, black leatherette cabinet, which contains all the equipment. Excellent material and workmanship is built into this luggage to withstand wear.

Size over all, 8 1/2 by 10 by 12 1/4 inches. Single-Dial Control. Built-in Loud Speaker. Two Stages of Radio Frequency Detector. Two Stages of Audio Amplification. Loop Aerial.

No. 8902... Set only. List price, \$65.00. NET..... **\$38<sup>25</sup>**

Accessories recommended for use with TRAV-LER: 5 CX289 Type Tubes, 3 Dry Cell "A" Batteries, 4 2 1/2-Volt "B" Batteries. No. 8903. List value, \$18.75. NET..... **\$11<sup>85</sup>**



# New 8-Tube Stroboddyne

**Developed by R. E. Lacault and Radio News and Listener's Guide**

An entirely new circuit operating on a new and original principle, out-performing many of the most efficient superheterodynes ever developed. Stations come in at but one point on the dials. Tremendous volume with no distortion. Revolutionary adaptation of superheterodyne principle. Nothing else like it. We furnish original parts as specified.

## Fully Shielded

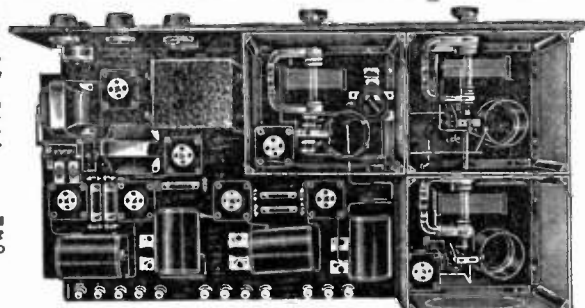
Each individual radio frequency stage is completely and fully shielded. Allows for highest stepup efficiency and powerful radio frequency amplification.

## Ease of Operation

Simplified tuning control with only two major tuning dials. Genuine National vernier dials with variable ratio feature used. Separates powerful near-by stations. Brings in distant stations with full volume.

### Genuine Parts:

3 Hammarlund .00035 midline condensers, 1 Hammarlund special tapped auto couple coil, 1 Hammarlund special auto couple coil, 1 Hammarlund regular auto couple coil, 4 plug-in R.F. units—R. E. Lacault, 5 matched fixed condensers, 3 Hammarlund shields, 2 Samson Symphonic transformers, 1 Interstate output filter, 1 Samson R.F. choke, 1 Cardwell dual balancer, 3 Carter 20 ohm rheostats, 1 Carter 400 ohm potentiometer, 4 Dubilier



### Simple to Build

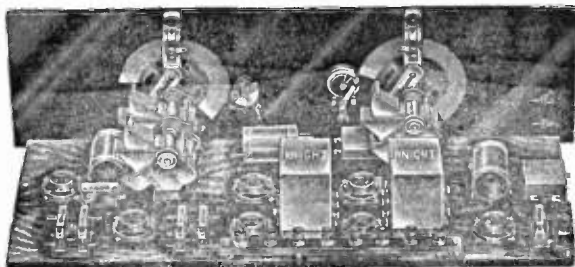
Anyone can construct this new modern powerful receiver. Furnished with full complete instructions. All parts as specified.

No. 8963. Total List,

**\$125<sup>00</sup>**

Your Price

**\$75<sup>13</sup>**



### Precision Apparatus

Low loss space wound coils. Accurate modified S.L.F. condensers. Illuminated tuning controls. Latest push pull transformers. Anyone can tune this powerful receiver.

### List of Parts

1 7x24 drilled bakelite panel, 1 9x23 baseboard, 1 single .00035 condenser, 1 double .00035 condenser, 2 illuminated dials, 1 midset condenser, 1 200,000 ohm resistance with switch, 3 space wound R.F. coils, 2 stages resistance coupling, 1 pair Knight push pull transformers, 8 bakelite UX sockets, 2 1 mfd. by pass condensers, 1 .00025 grid condenser, 1 .002 condenser, 1 2 meg. leak, single mounting, 1 .1 resistor, 2 tip jacks, 1 binding post strip, 2 posts, 1 binding post strip, 8 posts, screws, wire, lugs, miscellaneous.

## New 8-Tube Two-Dial Illuminated Control Kit

Powerful Modern Radio Receiver. Builders of this new receiver have reported sensational long distance reception. Sharp tuning. Selective. Cuts through crowded districts. Reserve power for coast to coast reception.

### Wonderful Tone

Highest quality latest design audio power amplification. Two stages resistance coupling for fidelity of tone. New push pull full wave power amplification gives fidelity of reproduction of any instrument or orchestra.

No. 8964. Total Retail

List, **\$57<sup>50</sup>**

Your Net Price

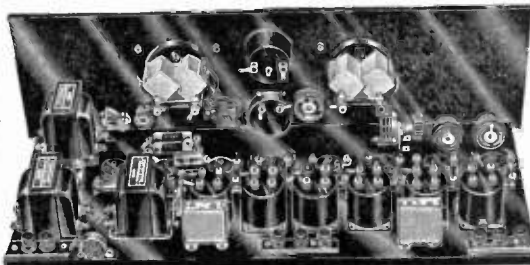
**\$28<sup>50</sup>**

# The Best Lincoln Nine

New remarkable superheterodyne. Super selectivity. Powerful distant reception. Perfect natural tone quality. Unusual stability. Incorporates nationally known equipment of the highest and most efficient type. Uses the newly designed Lincoln long wave low resistance air core transformers carefully and accurately matched resulting in high radio frequency amplification without distortion and selectivity to the utmost degree.

### List of Parts

2 Remler .0005 condensers, 9 Benjamin UX cushion sockets, 2 Carter midset rheostats 20 ohm, 1 Carter midset 3 ohm rheostat, 1 C. R. L. 50,000 variable resistor, 1 Carter closed circuit jack, 1 Carter open circuit jack, 1 Carter filament switch, 1 Jewell Pat. 335 0-50 milliammeter, 2 Kurz Kasch aristocrat vernier dials, 1 Jones B.M. multi-plug, 1 Lincoln oscillator coupler, 5 Lincoln intermediate transformers, 1 Aerovox .0025 fixed condensers, 2 Aerovox 1 mfd. by pass condensers, 1 Aerovox .0005 grid condenser, 8 Eby engraved binding posts, 2 Thordarson R200 transformers, 1 Thordarson R76 output transformer, 1 midset condenser, 1 7x24 drilled panel, 1 9x23 baseboard, 2 Amperites 112, 1 grid leak 3 meg., miscellaneous screws, wire, etc.



No. 8965. Total List, \$126.00.

YOUR PRICE .....

**\$74<sup>95</sup>**

# POWER PACKS

## Thordarson Power Packs

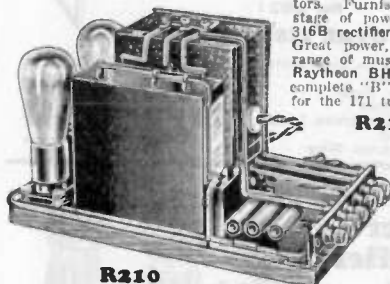
Complete "ABC" supply for power amplification. Combined power amplifiers and "B" eliminators. Furnishes "B" current for any receiver from the light socket and also a highly efficient stage of power amplification. The 210 power pack uses the 316B rectifier, 374 voltage regulator tube and 210 power tube. Great power, enormous volume permits reproduction of full range of musical frequencies. The 171 power pack uses the Raytheon BH tube and the new 171 power tube. Furnishes complete "B" current to any radio receiver and "ABC" supply for the 171 tube.

### R210 Power Supply "B"

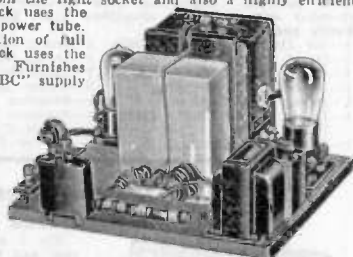
#### Eliminator Only

No. 8846. List of Parts: 1 Thordarson power compact R 210, 1 210 filter condenser block, 1 8000 ohm fixed resistance, 2 10,000 ohm fixed resistances, 1 1000 ohm resistance, 2 bakelite UX sockets, 7 binding posts, strip, baseboard, screws, wire. Instructions. Requires 1 316 B tube and 1 374 tube. Total List Value, \$40.50.

YOUR PRICE..... **\$24<sup>30</sup>**



R210



R171

### R210 Power Amplifier and "B" Supply

No. 8847. Power Supply and Amplifier combined. In addition 1 Thordarson R200 transformer, socket for R210 tube and Thordarson R76 output transformer. Needs 1 316 B tube, 1 374 Voltage Regulator and 1 210 tube. Total List Value, \$54.00.

YOUR PRICE..... **\$32<sup>20</sup>**

### R171 Power Supply and Amplifier Combined "B" Eliminator and Power Amplifier

No. 8848. Consists of 1 Thordarson 171 compact, 1 171 filter condenser bank, 1 171 tapped resistance, 2 bakelite sockets, 1 Thordarson 106 choke, 1 2 mfd. filter condenser, 2 1 mfd. by-pass condensers, 1 4 post terminal strip, 1 bakelite strip, 2 tip lugs, 1 9x11-inch baseboard, screws, wire, 2 lengths spaghetti tubing. Requires 1 Raytheon B. H. tube, and 1 171 power tube. Total List Value, \$41.00.

YOUR PRICE..... **\$24<sup>10</sup>**



### Thordarson Power Compacts

Power pack essentials for 171 and 210 power amplifiers. Consists of power transformer, filter chokes, filament winding and buffer condenser in one case with cord, plug and terminals. Specified for the 171 and 210 power packs.

No. 8850. R210 Power Compact. List, \$20.00. YOUR PRICE..... **\$11<sup>88</sup>**

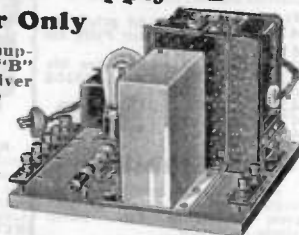
No. 8851. R171 Power Compact. List, \$15.00. YOUR PRICE..... **\$8<sup>82</sup>**

### R171 Power Supply "B" Eliminator Only

No. 8849. For supplying complete "B" current to any receiver also "ABC" voltage to 171 power tube.

Consists of 1 Thordarson 171 compact, 1 171 filter condenser bank, 1 171 tapped resistance, 1 bakelite socket, 2 1 mfd. filter condensers, one 2-post terminal strip with posts, one 5-post terminal strip with posts, screws, lugs, wire, 2 lengths spaghetti tubing. Total List Value \$33.80.

YOUR PRICE..... **\$21<sup>28</sup>**



### Dongan Power Supply Transformers

#### Power and Filament Heating Transformers

No. 2099. Transformers.

Power supply transformers for Raytheon 8A 350 mil. tube, ABC power pack. For supplying A, B and C voltages to 201A tubes. 700 volts center tap, 300-400 mls. 5 volts center tap, 1 amp. 4 volts, 5 amp. List, \$15.00. NET

No. 2098. Power supply transformers for Q. R. S. 400 mil. tube ABC power supply. 750 volts center tap, 300-400 mls. 5 volts center tap, 1 amp., 4 volts, 5 amp. List, \$15.00. NET

No. 2097. Double choke for use with the Raytheon 350 mil. transformer or Q. R. S. 400 mil. transformer. Two chokes built into one metal case. For ABC power supply unit. List, \$15.00. NET

#### Filament Heater Transformers

No. 2096. For UX-210 tube. 7 1/2 volts, 1 1/4 amp. center tap. List, \$2.50. NET

No. 2095. Filament heater for UX-112 or UX-171 power tube. 5 volts, 1/2 amp. center tap. List, \$2.50. NET



### Knight 30 Henry Choke

New filter choke for "B" eliminators and power amplifiers. High capacity—will pass 85 milliamperes without heating. Ideal as output filter with 4 mfd. filter condenser for keeping D. C. out of loud speaker windings. Highest quality choke for "B" eliminator filter. Scientifically designed for removing all trace of A. C. hum in "B" eliminator circuits. Two 30 Henry chokes must be used for "B" eliminator work with standard filter condenser bank. Sturdily assembled. Clamped laminations. Dio formed case.



No. 3005. List, \$5.00

YOUR PRICE..... **\$2<sup>30</sup>**

### AMERTRON POWER TRANSFORMERS

No. 2094. Type P. F. 52. For use with 210B tube for supplying high voltage in an eliminator or power pack for the CX-310 power tube. Also for supplying proper voltage to rectifying and power tubes. Specified for Amertron Power Pack, L. C. 27 and Amertron Automatic Power Com-

pack. List Price, \$18.00. YOUR PRICE..... **\$12<sup>50</sup>**



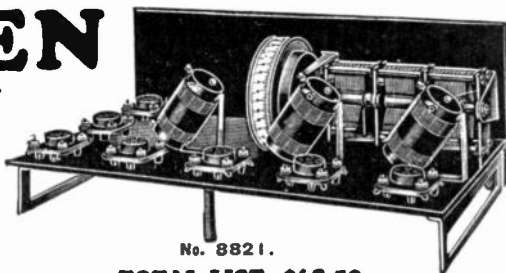
# 1928 DAVEN

## Improved BASS NOTE SEVEN

### Latest Single Control Bass Note Kit

Designed for perfection of amplification, natural reproduction and marvelous tone quality. An extraordinary combination of the finest grade of nationally known apparatus resulting in a perfect single control, accurate, selective, powerful, long distance receiver. Sensational long distance results have been recorded with the new simplified kit. Simple to assemble. Easily and quickly wired.

- |                                  |                            |
|----------------------------------|----------------------------|
| 1—Set Daven No. 95 R.F. Coils    | 1—Daven No. 4 Ballast      |
| 1—Daven 3-K Kit                  | 1—Daven No. 1 Ballast      |
| 1—Daven Type A Condenser         | 7—Benjamin Sockets         |
| 1—Daven No. 50 Mounting          | 3—Carter Resistances       |
| 1—Daven 2 Meg. Glistor           | 1—Sangamo .00025 Condenser |
| 1—Daven Special R.F. Transformer | 1—Sangamo .002 Condenser   |
| 1—Daven R.F. Choke               | 1—Triple Condenser         |
|                                  | 1—Remier Drum Dial         |



No. 8821.

**TOTAL LIST, \$68.50**

**YOUR PRICE**

**\$40<sup>30</sup>**

- 3—1 mfd. By Pass Condensers  
1—Battery Cable  
1—Drilled Sub Panel  
4—Carter Tip Jaks  
6—Binding Posts, Screws, Lugs, Washers, Etc.  
1—25 ft. Roll Acme Wire



### Daven Resistance Amplifier Kit 3K

For 3 stages of amplification and for those who prefer self-assembly. All resistors and grid leaks are included (no sockets). Contains three Daven No. 42 Resistance-Couplers, fitted with

coupling condensers of proper capacity.

No. 1190. List, \$8.00. **NET \$4.70**

### Daven Glistors

The new type Daven resistors. Guaranteed accurate.

No.	Megohms	List price, 75c	Your Price 45c
4264	.1		
4265	.25		
4266	.5	List Price 50c	
4267	1.	<b>YOUR PRICE</b>	
4268	2.		
4269	5.		
4270	10.		

**30c**

### Grid Stabilizers

Used in the grid circuit of radio frequency tubes to suppress oscillation. Fits Daven single mounting.

No.	Ohms	List each 75c	NET
4258	300		
4259	300		
4260	400		
4261	500		
4262	600		
4263	750		

**46c**

### New Daven Tubes



The new Daven Hi-Mu tubes greatly improved. Designed for aiding reception with all types of radio receivers. Scientifically designed and carefully manufactured. Non-microphonic.

#### MU 20

No. 128. 6-volt ¼ amp. needs no rheostat. Sensitive detector and wonderful amplifier for first and second audio stages.

List, \$2.25. **\$1.54**

NET .....

#### MU 6

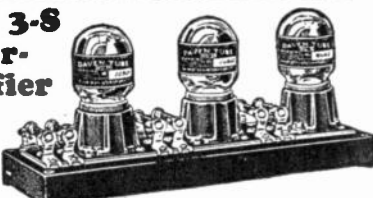
No. 129. Power tube for last audio stage. 6-volt ¼ amp.; requires no rheostat.

List, \$4.50. **\$3.09**

NET .....

### Daven 3-8 Super- Amplifier

The famous improved, 3-stage resistance coupled Super-Amplifier with new type completely



Daven glistors, built. Can be connected in any receiver or substituted for the old type amplifiers. Daven Hi-Mu tubes are recommended, but not furnished with this kit.

No. 1191. List, \$15.00. **YOUR PRICE \$8.82**

### Daven Ballast



Automatically controls tubes without rheostats. Requires no attention. List price \$1.00, without mountings for 6-volt ¼-amp. tubes.

For 301A Tubes:

4254	1	4256	3
4255	2	4257	4

**YOUR PRICE 45c**

### Daven Couplers



Supplied without resistance. Fixed condensers are mounted in the bakelite molded base of the coupler. One couples with the proper resistances required for each resistance amplifier stage. Single coupler for resistance or grid leak mountings without condensers.

No. 1192. Single coupler. List Price, 35c.

**YOUR PRICE 21c**

No. 1193. Double coupler. List Price \$1.50. **YOUR PRICE 89c**

### Daven Coupling Condensers

Bakelite molded blocking condensers for resistance coupled amplifiers.

No. 1194. Type A. List \$1.00. **NET 59c**

No. 1195. Type B. List, 1.00.

### Daven Anti-Motorboater



No. 1196. A new perfected efficient device. The new Daven anti-motorboating device permits the use of the Daven Super-Amplifier or any resistance coupled amplifier with standard "B" eliminators without motorboating. Perfected by Daven engineers, solves a persistent and annoying problem. Easily installed with any resistance amplifier. Simply take out the middle grid leak and insert the cartridge which is wired with long flexible leads to the Anti-Motorboater. Complete instructions with every box.

**List, \$4.00 YOUR PRICE \$2.36**



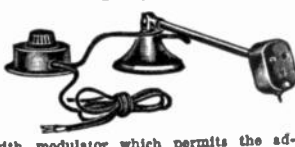
### Manual of Daven Amplification

No. 1197. Latest edition of the most complete treatise on the important subject of resistance coupling. Contains many circuit diagrams and describes fully the application to any set or circuit. Contains technical data sheets. A gold mine of information. A rapid seller wherever displayed. List Price, 25c.

**YOUR PRICE 17c**

### Daven Electrical Phonograph Pick-Up

No. 1198. New Daven device which permits the reproduction of phonograph records through any radio or through the Daven Super-Amplifier alone. Wonderful reproduction is obtained by virtue of the perfect amplification of the record. Furnished with adjustment to any volume.



modulator which permits the adjustment to any volume. **List, \$17.50**

**YOUR PRICE \$10<sup>30</sup>**

# Symphonic Free Edge Cone

A \$9.50 Retail Value for \$3.85

## Marvelous Tone Quality

A REMARKABLE new 16-inch free edge cone speaker. Scientifically designed to cover the lowest and highest frequencies of the musical and audible scale. The new sensitive unit with its oversized heavy magnet responds to the slightest impulse. It will faithfully reproduce the barely audible low frequencies of the pipe organ or the base viol. The sturdy, heavy, adjustable unit will not rattle or chatter at the higher frequencies. It is almost impossible to overload this new unit.

## Beautiful Design

The cone diaphragm is made of beautiful alligator leatherette parchment paper. Its coloring and design is attractive and its appearance will harmonize with the settings of the finest furnished home. The braided edge of the cone gives it a rich finishing touch. The metal stand with an artistic leaf design is finished in a soft harmonious shade to blend with the color scheme of the cone.

## Tremendous Volume

The new power unit of the Symphonic Cone is built to deliver enormous volume and is adjustable to the volume suitable for any type receiving set and any home.

## Remarkable Low Price

The Symphonic Free Edge Cone is priced to you unbelievably low. Its regular list price is \$9.50 but on a basis of comparison with most speakers it is well worth \$18.00. We have chosen the Symphonic Cone as a leader in its field. Its beauty and its efficiency will sell it on sight for profits in excess of what is possible with most lines of merchandise.



## New 20-Inch Cone

Large superb free edge cone speaker. Diameter 24 inches. Beautifully finished. Wonderful tone quality. Deep natural tone.

No. 8630. Special value. List Price \$25.00

YOUR SPECIAL PRICE.....

**\$5<sup>95</sup>**

Retail  
List

\$9.50

Your  
Price

No. 8529

**\$3<sup>85</sup>**

## American Bell Quality HEADPHONES



**\$1<sup>10</sup>**

Splendid headphones of laboratory standard. High resistance, super sensitive. Moulded caps, aluminum and moulded shells. Adjustable. Reproduces with fine tone. A high priced headphone at a remarkable reduction. With 5 foot cord.

6501—2,000 ohms.

List price .....\$3.00

YOUR  
PRICE

**\$1<sup>10</sup>**

6502—3,000 ohms.

List price .....\$4.00

YOUR  
PRICE

**\$1<sup>39</sup>**

## Frost Phones

No. 6507. 2,000 ohms.

List, \$3.00.

PRICE ..... **\$1.76**

No. 6508. 3,000 ohms. List,

\$3.50. Aluminum

Shells. YOUR PRICE... **\$2.06**

No. 6509. 3,200 ohms. List

Price, \$6.00. Bakelite

Shells. YOUR PRICE. **\$3.52**



## Baldwin Phones

Exceptional quality finely balanced diaphragm mica phones. Supersensitive.

No. 6506. List,

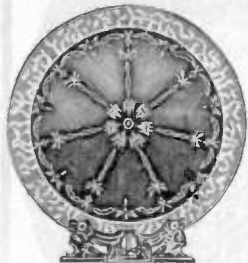
\$0.00.

YOUR PRICE...

**\$5<sup>29</sup>**



# Wall and Cabinet Cones

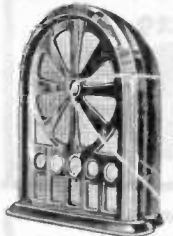


## O'Neil Speaker

No. 8508. Stand. 18½ in. high and has a diameter of 17½ in. Frame is five-ply laminated wood which serves as a resonator. Artistically finished in jade green with bronze crackle finish and verdigris shading.  
List \$12.75. YOUR PRICE **\$7.50**

## O'Neil Jr. Speaker

No. 8502. New 14-inch CONE SPEAKER. Decorated cone. Baffleboard adds depth and timbre. 17 in. high. Retail \$8.50. YOUR PRICE **\$5.00**



## All American Lorel Cone

New All American Lorel Cabinet Type Cone Reproducer in beautifully finished cabinet. Reproduces the delicate overtones, high troubles and low basses. This model reproducer represents the latest loudspeaker refinements. Vividly reproduces all tones at any volume.  
No. 8510.  
List \$25.00.  
YOUR PRICE **\$14.70**

## New Acme Single

### Free Edge Cone

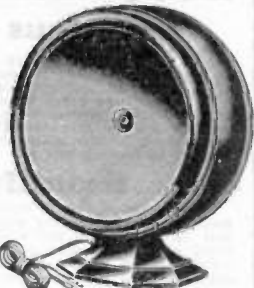


Faithful reproduction, beautiful graceful appearance. The metal case acts as a sound chamber. Will handle the output of any power amplifier. Attractively finished in green and bronze.

No. 8501. List \$14.50. NET....  
**\$8.53**

## Acme Double

### Free Edge Cone



No. 8500. Improved and developed. More popular than ever. Has two full floating 14-inch cones actuated by the marvelous Acme unit built and designed to stand the heavy current of power tubes and power amplifiers.  
List, \$25.00.  
YOUR PRICE **\$14.70**

## Magnavox Cone Speaker

No. 8509. New Warwick Model. Permanent magnet type cone speaker which permits greater power with full "B" current for 112 or 171 power tube without overheating, chatter or harshness at full volume. A striking beautiful burl walnut circle mounted on dark mahogany base with an inner circle backed with beautiful silk grill. Height 18 in., width, 13½ in. Complete with 10 ft. cord.  
List \$27.50.  
YOUR PRICE **\$16.27**



# STEVENS SPEAKERS



cord for hanging on wall.  
No. 8505. List \$35.00. YOUR PRICE **\$20.58**

## Model B 27

No. 8506. A specially designed 17-inch Burtex diaphragm. Similarly finished and attractively hand rubbed. Stands 21¼ in. high. Similar in appearance to model illustrated. List \$25.00.

YOUR PRICE **\$14.70**

## Model C T 27

A full 17-inch Burtex conoidal diaphragm. Equipped with the exclusive Stevens armature unit with two point suspension and specially designed output transformer. Frame finished in hand rubbed Jasper brown mahogany. Burtex diaphragm finished in subdued gold bronze. Height over all 22¼ in. This is the identical model as illustrated. Supplied with elegant picture

## Model A 27

No. 8507. A full 14½-inch Burtex seamless diaphragm built on the famous Stevens conoidal principle. List \$18.50. YOUR PRICE **\$10.88**

The frame and base is similar but not identical in appearance to the type illustrated.

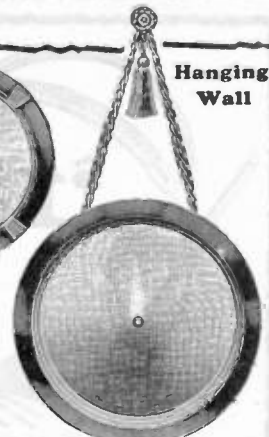
## Candela-bra Model E T 27

Beautiful pierced standard, 5½ feet high. Graceful and filigreed, with relief designs. Encircled by an elegant Jasper brown mahogany finished frame hand rubbed to beautiful sheen. Its full 19-inch Burtex diaphragm is finished in gold bronze. Actuated by the specially designed Stevens armature unit — built in output transformer. Can safely be used with or without power amplifiers of high voltage without damage to speaker windings. Equipped with 20 ft. extension cord.  
8503.

Retail \$65.00  
Your Price **\$38.22**



## Hanging Wall



The Stevens Burtex conoidal hanging wall model, 22 in. in diameter, finished in hand rubbed Jasper brown mahogany. May be used with or without power amplifier without injury to windings. Furnished with a beautiful silk picture cord with hanging rosette and a decorative tassel.

No. 8504.  
List \$45.00  
YOUR PRICE **\$26.46**

# Camco Speakers

## Pedestal

No. 8528. A 16-in. cone speaker formed at 30° angle. Beautiful alligator leatherette paper cone. Highly finished, hand rubbed mahogany frame, 4-piece pedestal.

New adjustable power unit will take output of most powerful amplifiers

## EASEL

No. 8525. Beautiful alligator leatherette paper cone in a high grade mahogany hand rubbed frame. Cone 16 in. in diameter actuated by adjustable power unit with large magnet and broad surface apex attachment. Beautiful tone quality. Covers the full musical range. Wonderful appearance, sells on sight. List, \$12.50.

Your Price **\$7<sup>35</sup>**

## New Wall Model

No. 8524. Combination table and wall type cone speaker. A masterpiece in appearance and efficiency. A remarkable cone speaker designed to beautify the home as well as to reproduce accurately with fidelity of tone, full volume and timbre.

16-in. diameter cone with a beautiful rubber mahogany frame with cord and easel. The cone is copper color with gold high lights and has a gold braided edge.

Adjustable unit for any volume. Has back baffle board for full resonant tones and overtones. Complete with 5 ft. cord and tassel. List, \$16.25. YOUR PRICE **\$9<sup>55</sup>**

# Thorola Speakers

## NEW THOROLA CONE

No. 8523. The new free edge cone Model 11 is an entirely new Thorola development. The diaphragm is 16 in. in diameter. Made of parchment like material, gold trimmed, reinforced edge actuated by the new Thorola low pitched unit having a large oversized magnet and a balanced armature. Extremely sensitive and capable of reproducing the entire range of musical frequencies. Pedestal and base of beautiful wood turnings highly polished and finished in French walnut. List, \$10.00. YOUR PRICE **\$5<sup>88</sup>**

## NEW THOROLA HORN

No. 8526. Full rich tones of the whole range of voice and musical instruments are faithfully reproduced. Enormous volume without blasting or chattering. Has the new improved Thorola balanced armature unit.

The No. 4 has mica diaphragm, 14-in. pure bakelite bell trimmed with gold band. The No. 15 is built on the same principle with oversize magnet special alloy diaphragm, non-adjustable. Bakelite bell, 1 1/2 in. in diameter. Brilliant black with gold band.

No. 8526. No. 4 Thorola Speaker. List Price, \$25.00. YOUR PRICE **\$14<sup>70</sup>**

No. 8527. No. 15 Thorola Speaker. List Price \$15.00. YOUR PRICE **\$8<sup>82</sup>**

## NEW THOROLA CONE Model 18

No. 8522. Establishes a new standard of tone quality heretofore unattainable. The tone of this speaker is supreme.

The back of the cone is drum shaped, protecting the diaphragm and the unit mechanism and acting as a reflector. The front is protected with a plywood grill beautifully finished in antique walnut and backed with a heavy drawn wire screen, cloth covered finished in old gold. The unit has an oversized magnet with impedance control condenser matching the speaker to power tubes and designed to withstand high "B" voltages. List Price, \$25.00. YOUR PRICE **\$14<sup>70</sup>**

# Teletone Speakers

## Tip-Table Cone

No. 8520. The new Teletone Model 70 Tip-Table Speaker serves a double purpose of a wonderful cone speaker and a beautiful piece of furniture. It is a finely finished, hand rubbed, two tone mahogany table, the top of which may be tilted to an upright position. A free edge Teletone cone speaker designed to satisfy the most critical. The resonant depth of overtones is accentuated by the sounding board. Reproduction is true and life like. Volume is great and the cone is adjustable for handling power amplifier output without overloading.

List \$40  
Your Price **\$23<sup>52</sup>**

## Teletone Cone

No. 8521. Built like a violin. The new Teletone Model 68 Speaker is an advanced cone type speaker enclosed in a mahogany grill and sounding board. Gives marvelous life like production enhanced by the sounding board which adds depth and timbre to the overtones. Beautifully finished in two tone African mahogany, hand rubbed. The graceful design of the grill work lends charm wherever it is placed in the finest furnished home.

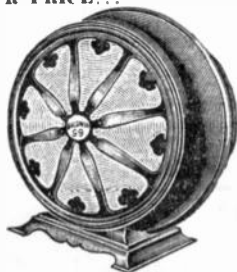
List \$25  
Your Price **\$14<sup>70</sup>**

# CONE SPEAKERS

## Baldwin 99 Drum

Equipped with new genuine Nathaniel Baldwin balanced armature mica diaphragm unit. Long spiral tone chamber of non-vibrating composition adds depth, timbre and reality to the reproduced music and speech. The shading overtones which distinguish the fine music of noted artists are fully brought out. All enclosed by an attractive metal casing with graceful front grill. The speaker is tested at the factory with a 210 power tube at 400 volts. It gives clear volume without rattling, chattering or blasting on the most powerful sets and power amplifiers.

8511. Retail **\$16<sup>76</sup>**  
List \$28.50.  
**YOUR PRICE...**



## New Patent Cone



Wonderful tone quality. Double parchment cone of the fixed edge type with driving unit within the cone. Responds to frequencies as low as 50 cycles. Balanced armature type. Reproduction is natural and faithful without hollowness and will handle output of power amplifiers without rasp or chatter. Attractive appearance. Neutral color harmonizes with any surroundings. Well finished metal base. Diameter, 17 in.

8518. Retail List **\$13<sup>23</sup>**  
\$22.50  
Your Price .....

## Cone Speaker Unit

New large cone speaker unit. Heavy magnet. Sensitive windings. Heavy driving rod. Wonderful tone quality. Natural reproduction obtained. No. 8535. **YOUR PRICE.... \$4<sup>50</sup>**

## Baldwin Concert

The largest Baldwin speaker. Equipped with latest design Baldwin Unit. Formerly \$35.00 list. It is nationally known for its efficiency, volume and perfect reproduction. A tremendous sales offer.



8512  
Your Price **\$14<sup>69</sup>**  
List Price \$25.00

# New Amplion Cone and Cabinet Speakers



**Cabinet Cone**

## Amplion Shield

Height, 22 inches.

No. 8517.  
List, \$67.50. **\$39<sup>69</sup>**  
YOUR PRICE ....



**Amplion Shield**

Amplion is known the world over as the standard of fine loud speakers. Faithfully reproduces the musical scale in full, resonant tone. Both speakers are encased in rich, polished, hand rubbed two-tone mahogany cabinets. The cone speaker is a marvelous reproducer. The Patrician cabinet has a 4 ft. air column equipped with the wonderful Amplion adjustable unit.

8513. Cabinet Cone. } 8514. Patrician.  
List \$30.00. } List \$50.00. **\$29<sup>40</sup>**  
YOUR PRICE .... } YOUR PRICE ....

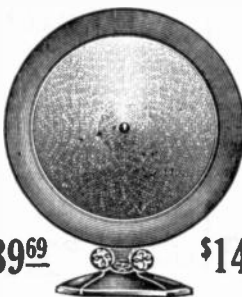
## Amplion Shield and Fireside

Two new, beautiful Amplion speakers. Gracefully and artistically designed. Ornamental and attractive appearance. New process embossed walnut panel, attractively curved, combining grill front and back.

## MARVELOUS TONE

Both speakers are equipped with the new balanced armature unit with straight bar magnets of finest English Tungsten steel. Beautiful speakers. Will ornament the finest, most tastily fitted home. Reproduce faithfully, naturally and perfectly. Distinctive performance. No distortion. Great volume.

## Amplion Lion Cone



**\$39<sup>69</sup>**

**\$14<sup>70</sup>**

For quality reproduction the new Amplion cone employs a new principle in cone construction. It combines a 14-inch cone mounted on an 18-inch sound board extended toward the center at the back of the cone to form a resonating chamber. The new MA 1 unit, cone and sound board are assembled on a rigid bronze bracket with a bronze base. The sound board is finished in dark walnut. 8515. Model A. C. 20. List \$25.00. **\$14<sup>70</sup>**  
YOUR PRICE .....



**Patrician**

## Amplion Fireside

Height, 38½ inches.

No. 8570. List, **\$57<sup>33</sup>**  
\$97.50. YOUR PRICE



**\$57<sup>33</sup>**

**Amplion Fireside**

# Utah Speakers



## Utah Junior Cone

New Utah 13-in. Cone Speaker. Wonderful tone quality covering the full range of musical and audible frequencies. Reproduces the low and high notes with faithfulness and without distortion. Sensitive to the weakest signals. Will handle enormous volume without chattering or rasping. Stands 15 in. high. Attractively finished.

No. 8536. Retail List, \$10.00.

**\$5<sup>88</sup>**  
YOUR PRICE .....



## Utah Drum

The new No. 16 drum speaker. Marvelous tone quality, wonderful appearance. Beautifully finished. Stands 16 1/2 in. high, 14 in. wide. Graceful grill with silk backing. Equipped with famous Utah unit.

No. 8531. Retail List, \$16.00.  
**\$9<sup>40</sup>**  
YOUR PRICE....



## New Utah Cone

Beautiful new cone speaker encased in graceful, artistically designed cabinet. Wonderful tone quality, natural reproduction. New unique design. Equipped with famous Utah unit. Height, 18 in. Finely finished.

No. 8532. Retail List, \$30.00.  
**\$17<sup>64</sup>**  
YOUR PRICE....



## Newcombe-Hawley

Drum speaker that meets the need for a quality reproducer of compact size. An entirely new scientific principle of tone reproduction and does not contain a conventional cone or horn, but a new long tone chamber of exponential development, which achieves an extraordinary quality of reproduction. Beautiful in appearance. Attractive bronze finish. Equipped with genuine latest matched Nathaniel Baldwin unit.

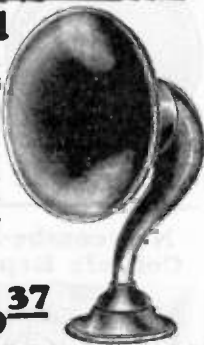
No. 8535. Retail List, \$32.00.  
**\$18<sup>82</sup>**  
YOUR PRICE .....

## Utah Standard

Became famous in one year because of its splendid performance. Classed with the finest. The extra large Utah unit in the speaker is responsible for the vivid reproduction of low notes and overtones. Large Standard Model.

No. 8537.

Price, \$22.50. **\$13<sup>37</sup>**  
YOUR PRICE .....



## Timmons Cone

NEW POWER CONE SPEAKER. A new scientific development. The new Timmons principle of eccentric cone with off-center actuating unit reproduces naturally the entire range of frequencies. Great volume. New power unit designed for heavy duty for the output of power amplifiers and power tubes without overloading or distorting. Beautifully finished. Decorated with graceful ship design. For either table or wall. Size over all, 28x22 1/2.

No. 8540. Retail List, \$30.00.  
**\$17<sup>64</sup>**  
YOUR PRICE .....



## Burns Speakers

The Burns speaker with its concert unit has gained wide popularity. It is a splendid reproducer nationally known and advertised.

No. 8538. With black Pyralis flare. List Price, \$22.50.

**\$13.23**  
YOUR PRICE.....

No. 8539. With mahogany fluted flare. List Price, \$25.00.

**\$14.70**  
YOUR PRICE.....



## Temple Drum

4 1/2-FOOT AIR COLUMN. The Temple Drum Speaker has an especially designed air column 54 in. long. Acoustically perfect. Furnished with large Baldwin balanced armature type unit which responds to the weakest signal. Covers the full musical scale—the highest and lowest portions of audible sound. It recreates every tone from a whisper to a full symphony orchestra or band faithfully.

No. 8534. Retail List, \$29.00.  
**\$17<sup>05</sup>**  
YOUR PRICE .....



## New Burns Cone

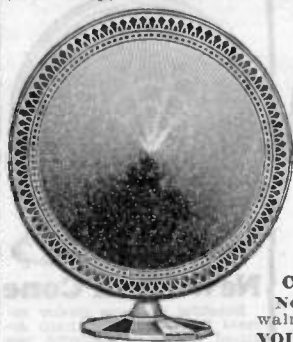
Latest model Burns speaker. Scientifically developed cone encased in hand rubbed, finely finished, two tone cabinet. Exceptional appearance. Wonderful, natural tone quality.

No. 8533. Retail List, \$22.50.  
**\$13<sup>23</sup>**  
YOUR PRICE .....



# Knight Cone Speakers

Embodies latest scientific acoustical developments. Famed for their deep, natural tone and their ability to reproduce faithfully. Vividly reproduces with perfection and fidelity. The cone diaphragm is of the double bellows type with a scientifically designed power unit which responds equally to all musical frequencies. This results in natural reproduction of the lowest and highest portions of the musical scale in an astounding manner.



## Wonderful Tone Quality

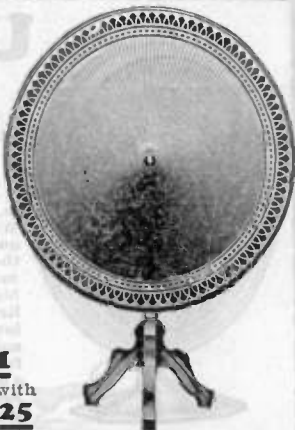
Will carry power without distortion, rasping or chattering. Brings out the shading overtones that distinguish good music. Beautiful in appearance. Finely finished and strikingly decorated.

### ENORMOUS VOLUME

No. 8550. 20 in. Cone. **\$1360**  
List \$25.00. YOUR PRICE

No. 8551. 36 in. Wall Type **\$2231**  
Cone. List, \$50.00. YOUR PRICE

No. 8552. 36 in. Pedestal Cone complete with walnut tripod stand. List, \$60.00. **\$2425**  
YOUR PRICE.....

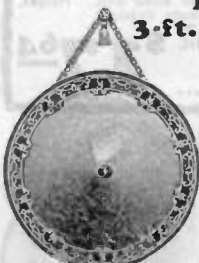


## ENSCO

### 3-ft. Cone Kit

Build your own 3 ft. cone speaker. Complete parts for constructing marvelous speaker which faithfully and naturally reproduces with enormous volume including Enson unit, cone speaker paper, metal Apex and extension pin, wood brackets and all hardware with instructions. Packed complete.

No. 8555.  
List \$11.00.



YOUR PRICE..... **\$695**

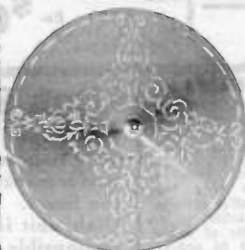
## Newcombe-Hawley Console Reproducers



Beautiful console and table reproducers fitted with the new Newcombe-Hawley marvelous 86-inch tone chamber, giving flawless reproduction. Reproduces perfectly every sound from a whisper to the full voiced volume of a massed orchestra. Sensitive beyond comparison. All models are equipped with the genuine Nathaniel Baldwin unit. SONATA CONSOLE. As illustrated. Large enough to use with any table set. Plenty of room for batteries, etc. Attractive mill work. Genuine 5-ply walnut, hand rubbed and beautifully finished. Height 34 in., width 36 1/2 in., depth 16 1/2 in. No. 8558. List \$75.00. **\$4410**  
NET

OPERA CONSOLE. To be used as table for the average set. Does not take batteries as space is used by 86-inch tone chamber. Beautifully designed and built of genuine highest grade 5-ply walnut. Height 33 in., width 28 1/2 in., depth 16 1/2 in. No. 8557. **\$3822**  
List \$65.00. NET.....

## New PENN Cone Speaker Kits



3 Foot Double Cone. Easy to build by anyone. Compare with the highest priced 3 ft. speaker on selling for 4 or 5 times its cost. Wonderful tonal quality. enormous volume. Complete

with four pole sensitive unit, decorated and marked front cone, back cone, ribs, clasp, metallic braid, mounting bracket, hardware, cement and instructions. Easy to build.

No. 8553. List, \$13.50. **860**  
Lots of 3, \$7.94 each. YOUR PRICE, EACH....

### PENN SINGLE CONE

3 Foot Cone. Includes decorated and marked cone paper, four pole Penn unit, unit mounting, brass arm, Apex, all hardware and instructions. No. 8554. List, \$10.50. **670**  
Lots of 3, \$6.48 each. YOUR PRICE EACH.....

## 3-ft. Giant Cone Kit



Anyone can build this high quality 36 in. hanging wall model cone speaker. Each kit contains adjustable power speaker unit, ready cut parchment cone paper with braid, cement, 15 ft. connecting cord, gold wall cord, and ornamental cut out design. Complete simple instructions for building.

No. 8556. List \$9.00. **410**  
NET.....

## VICTOR De Luxe

This new Victor De Luxe model reproduces high and low notes with equal clarity and no distortion. Tremendous volume. Faithful reproduction. The biggest bargain of the year.

### Beautiful Tone Quality

The tone quality of the Victor De Luxe speaker is beyond peer. Its exquisite rendition of the most beautiful concert is unquestionably puts it in a class by itself. It is beautifully finished in mahogany. Die cast crinkle finish throat and high finish mahogany bell. Complete with adjustable unit and 5 ft. cord.

LIST PRICE, \$12.50

8560  
YOUR SPECIAL PRICE **\$565**

## Adjustable Unit



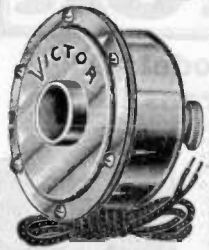
8561 - Extra large model  
List price \$20

Your Price

**\$675**

ALL CASH DISCOUNTS ALREADY DEDUCTED

# Loud Speaker Units



## VICTOR ADJUSTABLE UNIT

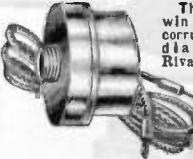
The Victor unit has been manufactured for quality speakers. We offer it at a remarkably low price. The price, however, does not indicate its value, and it can be sold at a substantial profit. The adjustable feature permits variation for tone clarity. The unit is very sensitive and will deliver full volume without distortion.

No. 6515. List Price, \$6.00.

**YOUR SPECIAL PRICE**

**\$1.69**

## Baldwin Units



The famous Baldwin Unit with the corrugated balanced diaphragm. New Rival Model with extra large diaphragm, large magnet and windings.

No. 6516.

Type C Unit.

List

**\$2.94**

price, \$5.00. **YOUR PRICE...**

No. 6517. Type H-2, completely shielded. List, \$6.50.

**YOUR PRICE...**

**\$3.82**

No. 6518. Type H-1, unshielded. List, \$6.00.

**YOUR PRICE...**

**\$3.53**

No. 6519. Rival Model, unshielded. List, \$7.00.

**YOUR PRICE...**

**\$4.12**

No. 6520. Rival Model, shielded. List, \$7.50.

**YOUR PRICE...**

**\$4.49**

## Ekko Adapters

Ekko Adapters adapt loud speaker units to any type phonograph.

No. 6503. Ekko No. 1, for Edison phonograph. Net.....

**17c**

No. 6504. Ekko No. 3, for Columbia, Pathe, and Jewell style tone arms. Net.....

**14c**

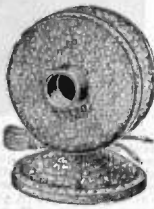
No. 6505. Ekko No. 4, for Brunswick phonograph. Net.....

**20c**

## Utah Unit

The same extra large unit as used in the renowned Utah speakers. Corrugated diaphragm. Extra large magnet and windings. Reproduces the entire scale with fidelity and volume. Furnished with base, as illustrated. No. 6522. List Price, \$10.00.

**YOUR PRICE.. \$5.88**



## Rubber Adapter

Two-inch flexible rubber tube. The rubber adapter will connect unit to any type phonograph.

No. 6526.....

**5c**

## Ekko Double Adapter



For adapting phones for loud speaker operation on a phonograph. Also to use two different units on a phonograph.

No. 6513. Single adapter. \$0.59

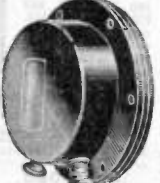
List, \$1.00. **YOUR PRICE.....**

**1.27**

No. 6514. Double adapter. List, \$2.00. **YOUR PRICE.....**

## Burns Adjustable Unit

No. 6521. Famous for its faithful reproduction of the entire musical scale. Adjustable for volume and clarity. Standard and nationally known. A special price offer. List price, \$10.00. **YOUR SPECIAL PRICE.. \$5.88**



## Utah Piano Unit



No. 6530. Makes a radio reproducer of any piano. Uses the full musical resonance of the sounding board of the piano to achieve the most marvelous orthophonic tone quality radio has ever known. Reproduces voice, instruments, high and low notes in a marvelous manner. Simply screw on to sounding board of any piano.. 25-ft. cord included. List, \$10.00.

**NET..... \$5.88**

## Phone Speaker Cord

Flexible speaker cord of high quality. Adaptable to any standard speaker or unit.



No. 6527. 5 ft.—Straight tips

—Singles. List, 35c. **NET.....**

**19c**

No. 6528. 5 ft.—Straight tips

Double. List, 50c. **NET.....**

**30c**

## New Thorola Unit

No. 6523. An entirely new development. Oversize magnet, balanced armature type non-adjustable unit. Ideal for phonograph adaptation. Sensitive as a headphone to the weakest signals. Rugged. Will handle full volume tone without blasting or chattering. Deep pitched melow tone covering the entire range of musical frequencies. List, \$6.00.

**YOUR PRICE..... \$3.53**



## Amplion Dragon

The world's standard. Conceded the finest of all loud speakers. Finer tone quality is not obtainable from any speaker. Heavy metal throat crackle finish. Tremendous volume. Beautiful mahogany finished panel flare, 20 1/2 inches high, 14 1/2 inches diameter. Conduit and Unit crystalline-enameled. Famous "Dragon-shaped" sound conduit. Hinged base permits tilting horn to any angle. World-famous for unequalled sensitivity, clarity, naturalness and volume without distortion over entire musical range.

No. 8516. Type AR19.

List Price

**\$42.50**

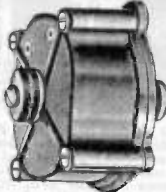
**YOUR PRICE**

**\$25.00**

**\$25.00**



## Amplion Concert Unit



No. 6524. New reproducing unit enclosed in bakelite—the finest of its type. Extraordinary volume without necessity of power amplifier. Covers the complete musical range. Ideal for phonograph installation. Has adjustment nut for adaption to any type radio receiver. Furnished complete, with cord.

List, \$12.00.

**NET.....**

**\$7.05**

# "B" ELIMINATOR

## Kingston "B" Current Supply



New improved Kingston "B" Eliminator using the genuine Raytheon BH tube. Perfectly quiet without noise, vibration or hum. Has three voltage terminals adjustable over a wide range making possible any desired voltage from 5 to 180. Handsome metal case finished in satin black. Size 9 in. long, 5 1/4 in. wide, 8 1/4 in. high. Type 2—for sets using 8 tubes or less, including the 112 power tube. Type 2A—for sets larger than 8 tubes or using the 171 power tube.

No. 8037. Type 2—150 volt maximum for 8 tubes. List Price, \$35.00. **\$20<sup>58</sup>**

No. 8038. Type 2A—For 1 to 12 tube sets, 180 volt. maximum. List Price, \$42.50. **\$24<sup>99</sup>**

## KODEL "B" TRANSIFIER



Lowest priced dry "B" eliminator. Will accommodate all five and six tube sets. No hum. Contains no liquids. Requires no adjustment. Absolutely noiseless in operation. Has detector and 90 volt tap also negative terminal. Small and compact. Clean, attractive appearance. Pressed steel case. Uses CX 313 type tube.

No. 8044. List, \$14.50. **\$8<sup>53</sup>**

YOUR PRICE WITHOUT TUBE

## Burns "B" Eliminator



High Voltage. Handles all sets including those using the 171 power tube in the last stage. Delivers 180 v. at 50 mills with ample reserve power. Equipped with Raytheon "BH" 85 mil. rectifier. Has detector, amplifier and power taps. Variable adjustments control detector and amplifier outputs. Noiseless and dependable. For 110 volts A.C., 50-60 cycle.

No. 8042. List Price, \$47.50, Including Raytheon "BH" tube. **\$27<sup>93</sup>**

No. 8043. For all sets up to seven tubes with 112 power tube. Maximum voltage, 135. List, \$35.00. **\$20<sup>58</sup>**

with Raytheon "BH" Tube. YOUR PRICE....

## All American Socket "B" Power

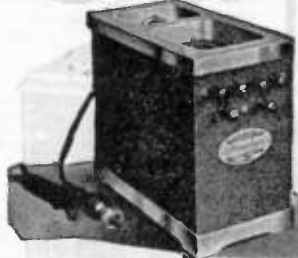


Raytheon type "B" Eliminator has two variable controls regulating the detector and intermediate voltages. For either Raytheon type "B" or "BH" tubes. Has detector, intermediate and amplifier taps with high-low switch for regulating current output. Used with type "B" tube for 5 and 6 tube sets not using power tube. Capacity up to 60 mills at 135 v. with "BH" tube for 112 power tube and 35 mills at 180 v. for 171 tube. 8 1/4 in. long, 7 in. high, 3 in. wide. Fits in practically any compartment. For 110 volt, 50-60 cycle.

No. 8041. List Price, \$27.50, without tube. **\$16<sup>17</sup>**

YOUR PRICE

## Mayolian "B"



Mayolian "B" Eliminator for radio receivers using seven tubes or less and requiring plate voltage not exceeding 180 volts. Has detector, intermediate and "B" amplifier plus taps with two variable controls. For 110 volt, 50-60 cycle A.C. current. Requires Raytheon "BH" tube.

No. 8035. List Price, \$36.50, without tube. **\$21<sup>47</sup>**

No. 8036. New Mayolian Heavy Duty "B" for receivers having any combination of regular and power tubes. Four terminal voltages, two of them variable. List, \$51.50, without tube. **\$30<sup>28</sup>**

YOUR PRICE

## All American Constant "B" Power Supply



The universal type "B" eliminator for all types of sets. Has 45 v. +, 67 1/2 v. +, 90 volts + and power taps. Has two variable controls governing detector and intermediate voltages. Will deliver up to 180 v. with Raytheon "BH" tube for UX 171 power tube. Dimensions are 9 in. long, 7 in. wide and 5 1/4 in. high. Furnished in attractive metal crystalline finish container.

No. 8039. Type A1, 110 volt A.C., 50-60 cycle. List Price, \$31.50, without tube. **\$18<sup>52</sup>**

No. 8040. Type A3, 110 volt A.C., 25-40 cycle. List Price, \$36.50, without tube. **\$21<sup>46</sup>**

YOUR PRICE

## Acme E 1 "B" Eliminator For 1 to 12 Tube Sets

Furnished complete with Raytheon full wave rectifier tube. Constant, noiseless "B" power direct from the light socket. Acme apparatus known the world over for its efficiency. Has variable controls, detector and intermediate voltages. Has high voltage for power tube. Will furnish sufficient voltage and current for operation of 112 and 171 power tubes. Furnished with high-low switch making possible two ranges of voltages with both adjustments. Small and compact. Designed so it will fit in practically any compartment even where space is limited. Only 3 1/4 in. wide, 8 1/4 in. deep and 7 1/4 in. high. Attractive tan finish case. Complete with cord and plug and leads. Instantly installed. A splendid power supply furnishing unlimited power at unvarying voltages without hum or distortion. For 110 volt, 50-60 cycle A.C. current. Complete with Raytheon tube.

No. 8034. List, \$50.00. **\$29<sup>40</sup>**

YOUR PRICE



# Raytheon Eliminator

## Knight Raytheon "B"

The new Knight Raytheon "B" entirely eliminates "B" batteries and furnishes a steady constant current for radio receivers from an A. C. electric light source. This new powerful eliminator is equal to the best and better than any within \$10.00 of its cost.

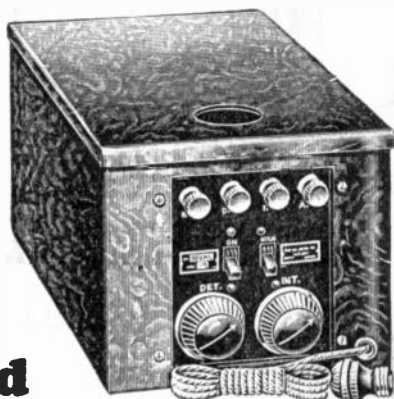
## Up to 150 Volts —No Noise

It will operate 8 tubes, including power tubes. Two variable adjustments control any voltage. Has the finest filter circuit and the finest materials throughout, entirely eliminating possibility of humming.

## Thousands Are Sold

Thousands of these eliminators are being sold at prices up to \$50.00. Make big profits. The beautiful dull green finished metal case with the etched panel helps sell it. Will fit in small compartment, size 6"x10"x5 1/4". Two switches control high and low voltages. Complete rubber-covered cord and plug. Equipped with the now famous Raytheon Tube to operate from 110 volts, 50 or 60 cycle, A. C. current.

Take advantage of our special offer. Never has there been any such value. Compare our price. This Eliminator could not have been built better. Complete with instructions.



C8062 List \$35.00

Your Price

**\$15<sup>65</sup>**

with Raytheon Tube

## KINGSTON COMBINATION "AB" SUPPLY UNIT



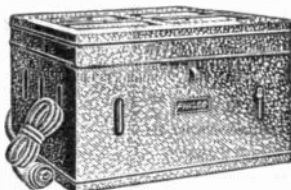
Fully automatic, this power unit is a combination of the famous Kingston "B" Current Supply and the Kingston "A" battery charger with full automatic control. "A" and "B" currents to the set are automatically controlled by the radio set switch. Used with any standard "A" battery making a complete power unit that is absolutely quiet, satisfactory and fully automatic. Size 9 1/4" in. long by 9 1/4" in. high by 5 1/4" in. wide. For 50-60 cycle, 110-120 volt A.C. current.

8060. Type "AB" 2 for sets up to 8 tubes including 112 power tube, 150 volt "B" maximum.

List Price, \$55.00... **\$32<sup>34</sup>**  
Your Price

8061. Type "AB" 2A for sets of 1 to 12 tubes including 171 power tube max. 190 volts "B." List Price, \$62.50... **\$36<sup>75</sup>**  
Your Price

## New PHILCO Socket Power "A" and "B"



The New Philco "A" and "B" Eliminator furnishes power from the electric light socket for the filament and the plate of vacuum tubes. Entirely automatic. Equipped with automatic relay switch controlling the "A" and "B" Eliminator direct from the radio set switch. Accommodates the new power tubes. Recommended for any circuit. Entirely humless. For 110 volt 50-60 cycle A.C.

No. 8057. For 5-volt tubes. Type 686. List, \$69.50. **\$45<sup>15</sup>**

Your Price

No. 8058. For 3-volt tubes. Type 463. List, \$58.50. **\$38<sup>00</sup>**

Switch Type Your Price

## MAYOLIAN "A-B" ELIMINATOR



New Mayolian Combination "A" and "B" Eliminator designed to operate radio receiver direct from the light socket. It employs the newest development in "A" current supply units, an extremely efficient filter in combination with the new type "A" Raytheon rectifier. The Mayolian heavy duty "B" Eliminator is included in the unit to serve as a source of "B" supply. Dependable full socket operation. Designed for any type of receiver regardless of the number or type of tubes. Requires one Raytheon BH tube and two Raytheon type "A" cartridge rectifiers. For 110 volt, 50-60 cycle A.C. current.

No. 8059. List \$75.00 without tubes and rectifiers..... **\$44<sup>10</sup>**

Your Price

# BALKITE POWER EQUIPMENT

## Trickle Charger

Model K at new low price. Charging rate,  $\frac{1}{4}$  ampere for 8V or 4V batteries from 110-120V. A.C. 50-60 cycles. For 6 tubes or less. Ideal for small capacity batteries. Charging rate tapers.

No. 8012. List \$7.50. Less 40%, \$4.50. Less 2%, YOUR PRICE..... **\$4.41**

## New Model "N" Two Rate Trickle



A new, large trickle charger of increased capacity to serve large sets and power tubes. Has two charging rates—.5 and .8 amperes. May be used as a continuous trickle charger or as intermittent charger or with automatic relay. For sets up to 8 tubes including power tubes. Has large jar with 16 oz. water capacity. Requires less attention than the smaller charger. May be used with small capacity batteries. Delivers a tapering charge. Operates from 110-120 A.C. current.

No. 8013. 50-60 cycle model. List \$9.50. Less 40% **\$5.59**  
\$5.70. Less 2%  
YOUR PRICE..... **\$5.64**

No. 8014. 25 cycle only, \$11.00. Less 40%, \$6.60. Less 2%, YOUR PRICE..... **\$6.47**

## Charger Model "J"

The large full rate and trickle charger model. The standard rapid radio battery charger for either 4 or 6-volt "A" batteries. Has two charging rates. Trickle,  $\frac{1}{4}$  amp. and heavy duty,  $\frac{1}{2}$  amp. Sufficient to serve the largest or smallest battery or set. Noiseless in operation. Visible electrolyte level. Large jar makes addition of water necessary only infrequently. 110-120-volt A.C.

No. 8015. 50-60 cycle. List \$17.50. Less 40%, \$10.50. Less 2%, YOUR PRICE .... **\$10.29**

No. 8016. 25-40 cycle— $\frac{1}{4}$  amp. high rate. List \$19.50. Less 40%, \$11.70. Less 2%, YOUR PRICE **\$11.47**

## Balkite "AB" Eliminators

Replaces both "A" and "B" Batteries and Supplies "A" and "B" Current Direct from the Light Socket. Balkite batteryless "AB." A complete batteryless electric radio power unit replacing both "A" and "B" batteries entirely. Not a "battery and charger combination." Complete in itself and requires no accessories of any kind. Is turned on and off at the electric light switch.



## Balkite "A" Eliminator

Replaces "A" Batteries Entirely and Supplies "A" Current from the Light Socket.

A complete batteryless power unit supplying noiseless uniform "A" Current. Complete in itself and requires no accessories of any sort. Operates only when the set is in use.

Noiseless in operation. No hum. No tubes to burn out or replace. Current output is uniform and constant. Does away with batteries, chargers, relays and switches. Requires no adjustments. This unit will serve practically all standard sets wherever a six volt battery is now used. Rated output 8 volts 2 amp. For 110-120 A.C. 50-60 cycles.

No. 8017. List \$32.50. Less 40% **\$19.11**  
\$19.50. Less 2%... YOUR PRICE



## Balkite "B" Eliminators

### Improved Model "B" W

Replaces "B" batteries entirely and supplied "B" current from the light socket.

Popular low priced model recommended for sets having five and six tubes or less requiring maximum of 87 to 90 volts. Has separate tap for detector. Operates from 110-120 A.C. 50-60 cycle.

No. 8018. List \$22.50. Less 40%, \$13.50. Less 2%, YOUR PRICE.... **\$13.23**



## New Model "B" 135

A new improved "B" eliminator for practically any set including sets using 112 type power tube. Improvements include an extremely high capacity condenser with a resulting remarkably smooth unfluctuating uniform output. Delivers 40 milliamperes at 135 volts. No adjustments. Noiseless—no hum. Taps for detector, intermediate and amplifier voltages. For 110 volt 50-60 cycle A.C.

No. 8019. List \$32.50. Less 40%, \$19.50. Less 2%, YOUR PRICE.... **\$19.11**



## Balkite "B" 180

A new improved universal model Balkite "B" eliminator for all multibute sets using any number of tubes and any type power tube including 112 and 171. Smooth unfluctuating uniform output. Sufficient high voltage delivery for great power amplification. Has intermediate taps for smaller sets. Output 55 milliamperes at 180 volts. For 110-120 volt A.C. 50-60 cycle.

No. 8020. List \$39.50. Less 40%, \$23.70. Less 2%, YOUR PRICE.... **\$23.23**



Balkite "AB" consists of Balkite "A" and Balkite "B" in one housing. Noiseless in operation. No hum. Has no tubes to burn out or replace. Current output is constant and uniform. No adjustments. Once connected, it requires only addition of water once every 3 or 4 months. All connections to the set made inside the case.

Balkite "AB" Model 6-135. Output 6 volts 2 amperes "A" current, 40 milliamperes at 135 volts "B" current. Will serve practically any standard set using standard 201A tubes with 112 power tube. For 110-120 volt A.C. 50-60 cycle.

No. 8021. List \$59.50. Less 40%, \$35.70. Less 2%, YOUR PRICE **\$34.99**

Balkite "AB" Model 6-180. Output 6 volts 2 amperes "A" current, 55 milliamperes at 180 volts "B" current. Will serve any standard multibute or smaller set using 6-volt tubes including 112 and 171 power tubes. For 110-120 A.C. 50-60 cycle.

No. 8022. List Price, \$67.50. Less 40%, \$40.50. Less 2%, YOUR PRICE..... **\$39.62**

# Super Power

## "B" Eliminator

**WITH GENUINE RAYTHEON TUBE AND  
VOLTAGE REGULATOR "GLOW" TUBE**

**High Voltage-Heavy Duty**

The new Model 180 Super-Power "B" Eliminator is rated at 180 volts maximum—85 milliamperes total current delivery with Raytheon B-H tube.

**\$18<sup>95</sup>**

**Voltage Regular Tube  
No Adjustments  
Constant Output**

**T**HE new Super-power "B" Eliminator is equipped with voltage regulator or glow tube which maintains constant voltage output at all terminals regardless of load or line variation. Easier to attach than "B" batteries. The voltage is there—plainly marked on the binding posts and remains constant and positive without variation. No blindly turning of adjustment knobs to secure proper voltages. Expensive high resistance meters not needed to measure the output voltage because no adjustments are at all necessary. The new voltage regulator tube has solved all "B" eliminator difficulties making the Super-Power "B" Eliminator easier to install than a set of "B" batteries with greater efficiency, high voltage and constant power.

**Adaptable To All Sets  
1 To 15 Tubes And  
Power Tubes**

May be used with any radio receiver on the market. It will actually supply sufficient current for 15 tubes and in addition 3 or more power tubes or, if desired, 3 112 and one 171 power tubes or one 112 power tube and 2 181 power tubes in push pull in addition to the regular tubes. Has five voltage output taps—Negative, Detector, 90 volts+, 135 volts+, 180 volts+. The detector tap will supply the proper voltage for 201A, 200A or 199 detector tube. The 90 volt tap will properly supply the voltage requirements of any set from 67½ to 90 volts. 67½ volts has been designated by many manufacturers as the radio frequency voltage to be used with their sets because of A. C. line variation. With the new voltage regulator tube used in the Super-Power "B" Eliminator, fluctuating voltage is entirely eliminated. No other eliminator is so universally adaptable to all types of radio receivers, kits and circuits as the New Model 180 Super-Power "B" Eliminator.

**Quiet Operation - No Hum**

The greatest engineering effort and scientific skill designed the filter circuit which makes possible enormous power, heavy current and high voltage without noise of any sort. Each eliminator is carefully and thoroughly laboratory tested with the most efficient and delicate instruments and apparatus to detect the slightest trace of hum. Exhaustive tests are also made for voltage and current delivery. May be used with the most sensitive receivers and loud speakers under heavy load without trace or suggestion of hum.

**No Motor Boating**

The Super-Power "B" Eliminator will not cause "motor boating" in quality amplifiers of the resistance and impedance coupled type. "Motor boating" caused by eliminators is generally due to voltage variation. The use of the voltage regulator tube with genuine Raytheon full wave B-H rectifier tube maintains constant output voltage which does not overload the amplifier or vary with current drain or consumption.



**Economical To Operate**

Costing less than a good set of heavy duty "B" batteries, the New Superpower "B" Eliminator dispenses with "B" batteries entirely. It is a permanent power unit and will supply continuous constant voltages to any radio receiver at all times without care or attention at a cost of barely more than a few cents a month on the electric light bill. It actually draws less than half the current of the average electric light lamp. It is used only when the set is in operation. It contains no chargers or acids or liquids of any sort.

**Compact Satin Finished  
Metal Case**

The case of the eliminator is made of heavy gauge steel durably and beautifully finished in deep dull dark green. It is extremely pleasing and simple in appearance with only the five binding posts and on-off switch and the rubber covered cord with plug protruding. Only 10 in. deep by 5 in. wide by 7 in. high. No larger than a single heavy duty "B" battery.

**Unbelievably Low Priced**

The New Super-Power "B" is a completely built eliminator complete with Raytheon B-H tube and voltage regulator tube, a bigger and a better value than the highest priced eliminator on the market. We offer it to you at a price far below that which you would pay for the cheapest unknown product on the market. We offer the Super-Power "B" Eliminator under our guarantee of faith and service. It is the most astounding bargain for the radio season of 1928. It is unequaled at any price.

**Retail \$42.00**

No. 8033.

YOUR PRICE.....

**\$18<sup>95</sup>**

# Superpower "A-B" A and B Eliminator

Genuine "A-B" Eliminator



**Complete "A"  
and "B" Socket  
Power**

**No Batteries  
6 volts - "A"  
180 volts - "B"**

**Raytheon "B"  
With Voltage  
Regulator Tube**

**Noiseless  
-No Hum**

**\$36<sup>50</sup>**

**No Controls**

**Complete With Raytheon Tube and  
Voltage Regulator Tube—Ready to Install**

Unfailing constant "A" and "B" power direct from the light socket for any radio set. Perfect filtration. Smooth, constant, quiet power always available. Never failing.

## Not a Battery Charger Combination

The Superpower "A" and "B" Eliminator is a genuine eliminator. It contains no batteries of any sort. It is a perfect rectifier, not an adaptation of battery, charger and relay with resulting dissatisfaction. It is definitely a genuine complete "A" and "B" Eliminator. It constantly delivers six volts "A" current to the radio set and up to 180 volts "B" current. Enormous power delivery. Maximum "B" voltage 180 volts.

### All Sets Up to 10 Tubes Including Power Tubes

The Superpower "A-B" will furnish sufficient current for the filaments of ten tubes. The "B" current is equipped with five output "B" taps—negative, detector plus, 90 volts plus, 135 volts plus, 180 volts plus. This will supply the proper "B" voltage for any radio receiver and any combination of tubes including 112 and 171 power tubes and will even furnish sufficient voltage for these power tubes in push pull. Think of it!—perfect, permanent, dependable socket power for any set and all tubes.

### Constant Power—No Adjustment Voltage Regulator Glow Tube

No knobs to adjust—no variable voltages. New voltage regulator tube holds the output voltages constant regardless of A.C. line variation or load. The voltages shown on the output taps are the identical voltages that will always be delivered. No blindly turning of knobs, guessing at voltages or paralyzing tubes. The "A" circuit has a new heavy duty filter and delivers a constant output of six volts at all times. Practically fool proof. The only dependable full socket power that you can rely upon for electrical set installation. Full satisfaction. No servicing.

### Instantly Installed

Connected to any radio receiver in a few minute's time. No changing of wiring or altering of circuit. No measuring with meters or other instruments. Connect the set wires to the Superpower "A-B" and plug in the light socket. All voltages marked. Encased in substantial, heavy gauge metal cabinet richly finished in deep dark dull green.

### This Is Your Opportunity

No other accessory will enjoy as great popularity for the 1927-1928 radio season as the SUPERPOWER "A-B" ELIMINATOR. Every feature will sell it. Its appearance, its performance, its reliability, its power, its simplicity, voltage regulator tube control and its remarkable low price. No other eliminator on the market has this exceptional combination of features. You cannot overlook this opportunity for making money!

No. 8075 **\$36<sup>50</sup>**  
Retail List  
**\$67.50**  
Your Price

## ELECTRIFY ANY RADIO SET

# Latest "A.C." ELECTRIC 7 Console Set

**NO BATTERIES  
NO CHARGERS  
NO ELIMINATORS  
NO HUM**

**Single Illuminated Drum Control**



**\$74<sup>65</sup>**

**Just Plug into Electric Light Socket**  
**Ampliphonic 7 SENIOR A.C.**

**A Reliable Plug-In  
Set at the Right Price**

**The Power Speaker**

This A. C. set operates at 105 to 120 volts A.C. current only, 50-60 cycle. It requires no batteries, no chargers, no eliminators. It delivers tremendous volume with no distortion. Its power amplification permits fine tone quality. All that need be done is plug in and tune your set.

It is one of the few receivers on today's market which does not have the harness wiring and makeshifts that are now being used for A.C. sets. It uses standard Radio Corp., Cunningham or similar standard tubes.

## Set Description

A FULLY BRASS SHIELDED SET, shielding the audio from the radio frequency unit, preventing interstage coupling and unnatural howls and squeals and distortion. The class of shield which appears to be one of the best according to the Bureau of Standards.

The audio frequency end uses resistance and power transformer amplification, permitting power tube and delivering good volume and fine tone quality.

The A. C. supply is filtered and electrified through as FINE A FILTER SYSTEM AS IS OBTAINABLE TODAY. It is the electric set deluxe.

## The A. C. Electric

**No. 9016**—THE A.C. ELECTRIC AMPLIPHONIC 7-TUBE A.C. SET, complete as pictured and described in all its fine construction and beautiful appearance at a special price and discount comparable with sets priced much higher. It is our tremendous purchasing power that enables us to offer you this. List Price \$175.00.

YOUR NET WHOLESALE PRICE

**\$74<sup>65</sup>**

While we specify genuine Amplion speaker, there are two or three types of power speakers we build in with this receiver. Either the Amplion or other types of power speakers of very fine tone quality, all of which are priced when resold alone at about \$20.00 and more. They will deliver beautiful tones regardless of whether they are low or high pitched. They are basically built for tonal reproduction and good volume without distortion.

**Manufactured Under Patents of  
Radio Corporation of America  
and Associate Companies**

The chassis in this set is manufactured under patents of the Radio Corp. of America, General Electric Co. and associated companies.

The circuit and the other patented features render this set the latest model and protect the dealer from possible infringements. We suggest that our dealers handle a line of licensed sets for their protection.

## Complete Ready to Operate

**No. 9017**—THE A.C. ELECTRIC 7-TUBE AMPLIPHONIC RECEIVER, as pictured and described, complete with built-in cone speaker, same as above except with 5-199 tubes, 1-112 power tube, 1-85 mil. genuine Raytheon tube, 1-aerial kit complete with cord and cable, ready to plug in, including instructions for operation, NOTHING ELSE NECESSARY FOR ITS OPERATION. YOUR NET WHOLESALE PRICE.

**\$87<sup>65</sup>**

## Genuine Walnut Console De Luxe

Made of genuine walnut, full size, 40 in. high, 24 in. wide and 16 in. deep. Real dark with light shaded tones around speaker opening and around oval panel opening. Genuine walnut top and sides—post construction. Open back. Beautiful design, latest model. A TRULY WONDERFUL—AN EXQUISITE CONSOLE DESIGN.

## Panel Design

Instead of the square awkward panel so customary in the old design receivers, this beautiful Verdi-green panel is set behind the rich walnut oval opening. The panel has a beautiful embossed bronze Gothic escutcheon plate counter-sunk to the illuminated single drum, on one side of which has numerical divisions and the other side, ample space for logging.

## This Is Beauty Itself Single Illuminated Drum

The single illuminated drum is mounted on the inside shaft and rotates easily and freely. It HAS THE NEW VERNIER CABLE ARRANGEMENT for selective tuning without backlash. Volume and clarity controls produce marvelous tone quality and tremendous power.

**A TRULY  
A.C. ELECTRIC  
PLUG IN SET—  
NO ATTENTION  
REQUIRED**

**Genuine Walnut Console and Genuine Amplion Cone Built in Speaker**



**SINGLE  
ILLUMINATED  
DRUM CONTROL**  
*Completely Shielded*

**\$57<sup>25</sup>**

*This set is  
Licensed  
under patents of  
Radio Corp. of America  
General Electric and Associates*

# Marshall Wells

## SEVENTUBE PERIOD DESIGN

**The Season's Sensation!**

GENUINE SOLID MAHOGANY CONSOLE RECEIVER, fully described in detail on pages 126 and 127, capable of having all "A" and "B" batteries or eliminators enclosed. Also a secretary's desk.

### Single Drum Control

Single illuminated drum control. Beautiful escutcheon plate in bronze. Verd-green panel. FULL BRASS SHIELDED 7-TUBE RECEIVER. Four tuning condensers, 4 space-wound shielded coils. Power amplification with power tube and power transformer.

### Electrical or Battery

#### Equipped

No. 9010 MARSHALL-WELLS 7-tube period console design receiver, complete as pictured. **\$57<sup>25</sup>**  
RETAIL LIST PRICE, \$135.00.  
YOUR NET PRICE.....

No. 9011 MARSHALL-WELLS set as described above, including 6 201A tubes, 1 112 tube, 1 storage battery, 3 45-volt "B" batteries, 1 7 1/2-volt "C" battery, 1 aerial kit, instruction for operation, ready to operate. **\$76<sup>80</sup>**  
YOUR SPECIAL PRICE.....

### Socket Power Operation

No. 9012 MARSHALL-WELLS 7-tube period console receiver as pictured, with 1 real Super-Power combination "A" and "B" eliminator for 105 to 120 volts A.C. current, 50-60-cycle, 1 aerial kit, 6 201A tubes, 1 112 power tube, 1 "C" battery, with instructions for operating, READY TO PLUG IN THE LIGHT SOCKET FOR STEADY ELECTRIC OPERATION. **\$95<sup>75</sup>**  
YOUR NET PRICE.....

# SPANISH WAR CHEST 6TUBE



### Two Dial with Baldwin Unit Built-In Speaker

A FEATURE SELLER! 28 in. wide, 16 in. deep and 16 in. high, this Spanish War Chest is a table model with built-in, long throat speaker using the famous Baldwin Rival unit. BUILT OF HEAVY WALNUT, broad, massive—a treasure chest. Room for "B" batteries.

A beautiful table model 2-dial, 6-tube console receiver with wonderfully grained walnut panel beautifully etched in gold. A TREMENDOUS BARGAIN, A REAL WONDERFUL BUY. YOU CAN SELL MANY. See page 13 of this catalog for detailed description.

No. 9013 SPANISH 6-TUBE WAR CHEST with receiver as described. **\$34<sup>50</sup>**  
RETAIL PRICE, \$80.00. YOUR PRICE.....

No. 9014. The Spanish 2-dial receiver, complete with 6 201A tubes, 1 storage battery, 2 45-volt "B" batteries, 1 "C" battery, 1 aerial kit, instructions, ready to operate. **\$49<sup>75</sup>**  
YOUR PRICE.....

### SOCKET POWER

No. 9015 THE SPANISH TREASURE CHEST with 1 Super-Power combination "A" and "B" eliminator (Raytheon type) for 105 to 120 volts A.C., 50-60-cycle, with 6 201A tubes, 1 aerial kit, 1 "C" battery, with instructions. READY TO PLUG IN THE LIGHT SOCKET. YOUR NET **\$71<sup>60</sup>**  
WHOLESALE PRICE.....

NOTE—See our battery table bargains on page 123.

**\$34<sup>50</sup>**

# The Genuine SUPER POWER \$16<sup>65</sup> "A" Eliminator

*Not a charger battery combination*



### Electrifies Any Radio Set

The new Super-Power "A" eliminator is a complete "A" eliminator supplying "A" current direct from the light socket TO OPERATE ANY RADIO RECEIVER, LARGE OR SMALL. It delivers constant, unvarying, smooth, humless current at 6 volts for receivers using 201A or power tubes.

THIS IS NOT A COMBINATION BATTERY AND CHARGER. It contains a wonderful filter system and gives humless current and may be used in place of an "A" battery, giving better results than storage battery. Can be used with any good "B" eliminator for complete electrification of any set.

### Dependable Power, Easily Installed, Low Priced

Anyone can install the Super-Power "A" eliminator in a few minutes. NO CHANGES NECESSARY TO YOUR SET. Immediate operation. No tubes, no charges, no noise. It does not deteriorate and is fool-proof in operation. NO CHARGING.

This is the lowest priced "A" eliminator on the market. This is your opportunity to make real money. This eliminator is extremely popular and is guaranteed to operate—by ourselves as well as the manufacturer—on up to 10 tubes.

This eliminator operates from the light current anywhere from 105 to 120 volts, 50 to 60-cycle, A.C. It comes complete in attractive dark green finished metal case with cord and plug and carrying handle. Size, 6x10 1/4 x 8 1/4 in., high over all.

No. 8001 List price, \$35.00. YOUR NET WHOLESALE PRICE.....

**\$16<sup>65</sup>**

**No Tubes  
No Hum  
No Batteries  
No Chargers  
No Noise**

*The Best "A" Eliminator at the Lowest Price*

# SUPER POWER RAYTHEON EQUIPPED "B" ELIMINATOR

KNIGHT ELIMINATOR

NO ADJUSTMENTS



### Knight Eliminator

No. 8002 Knight Eliminator as pictured on the left with two variable controls for all sets up to 6 and 7 tubes, will deliver 90 to 150 volts for 201A or 112 tubes. Thousands in use. Absolutely noiseless. Economical to operate, satin green finish case, extremely low priced. More fully described on Page 58.

List price, \$32.00 WITH GENUINE RAYTHEON TUBE. **\$15<sup>75</sup>**  
YOUR NET WHOLESALE SALE PRICE.....

### Super Power "B"



*Equipped with Voltage Regulator "Glow" Tube*

**\$15<sup>75</sup>**

No. 8003 RAYTHEON EQUIPPED with voltage regulator tube. No adjustments, constant output, quiet, no hum—the finest eliminator at any price. DELIVERS 180 VOLTS FOR SETS UP TO 15 TUBES. The best eliminator on the market. Complete, with full instructions. See description in detail, Page 55.  
List price, \$40.00. **\$18<sup>95</sup>**  
YOUR WHOLESALE PRICE .....

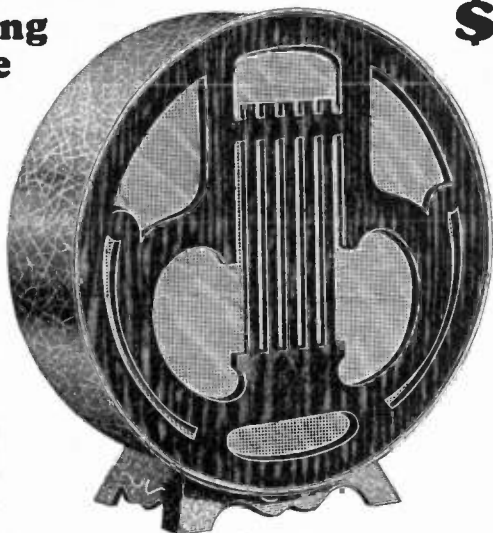
**\$18<sup>95</sup>**

# Operetta Drum Cone

**\$20.00 Retail Value Now**

**Full Floating  
Free Edge  
Cone**

**\$ 6<sup>45</sup>**



**Superior  
Tone  
Quality**

**T**HE new Operetta Drum Cone Speaker is a masterpiece of acoustical development. Consists of a wonderful free edge cone speaker encased in an attractively finished heavy gauge non-vibrating aluminum drum.

The Operetta drum embodies the reflex principle of vibratory reproduction.

It brings to radio the deeper and higher tones so frequently missing in radio amplification and reproduction. The scientifically developed free edge cone is actuated by the new Operetta unit, built of the finest materials with large heavy magnet and sensitive windings. The unit responds to the faintest impulses of energy, reproducing to full volume the weakest signals from distant stations.

## Rich Decorative Design

The aluminum drum is beautifully finished in tuscan bronze gold, crackle crystalline. It has a gracefully designed highly finished and polished wood grill with attractive silk backing.

The graceful lines and simple elegance of this new speaker makes it harmoniously adaptable to the finest and most tastily finished home.

The new reflex principle adapted to the Operetta Drum Speaker brings out the full depth and timbre of the mightiest organ or the full symphony orchestra. One can listen to the Operetta Drum Speaker hour after hour without tiring—no strain or fatigue in trying to get the full tones. All the rich sonorous tones of the orchestra—all the subtle inflections

of the human voice—these are reproduced naturally and with fidelity with the new Operetta drum.

The overtones are not lost as is often the case with the average reproducer. The lowest and highest portions of the musical scale are reproduced by this new speaker which responds to the full audible scales.

## Power Amplification

The new Operetta unit is actually tested on 400 volts at the factory, and will handle this heavy voltage. The Operetta drum speaker may be used with the largest power amplifier. It will not blast, overload or chatter when used with power amplifiers, power packs or the largest most powerful radio receiver.

It will easily handle the strongest highly amplified signal without distorting. Its performance is unequalled. Its many features of merit are unsurpassed.

## A \$20.00 Value

The Operetta drum regularly retails at \$20.00. We are introducing it to our dealers at a discount for greater than 50 per cent. The speaker will sell on sight. It is beautiful in workmanship, design and finish. Its tone quality is marvelous. This is a real opportunity for live dealers to cash in on popular demand, big profits, volume sales. The greatest speaker bargain ever offered to radio dealers.

## The Buy of The Season

Nowhere can you find a \$20.00 speaker offered to you at such great discount. Not an obsolete speaker being swamped on the market. The most modern type of reproducer.

This offer is our manner of establishing profitable merchandising for our dealers.

**Your Price**

**Genuine  
\$20<sup>00</sup>  
Value**

**No. 8565  
Retail List Price \$20.00**

**\$ 6<sup>45</sup>**

# RCA-Cunningham TUBES

## ALL OF THE LATEST TYPES



### CX301A—UX201A

Amplifier and Detector. A general purpose tube. 5 v.  $\frac{1}{2}$  amp. Used as R.F., audio amplifier or detector with storage battery and 20-30 ohm rheostat. Fits all standard sockets. 25-45 v. detector. 67 $\frac{1}{2}$ -90 v. amplifier.  
No. 101. List..... \$1.20  
\$1.75. Net.....

C299—UV199  
CX290—UX199

Popular 3 v. Detector and Amplifier for dry cell operation and small 4 v. storage batteries. A general utility tube for R.F., A.F. amplification and detector. Used in many superhets, multi-tube and portable sets. 30 ohm rheostat required. CX or UX will fit X type sockets only. UV or C fit small 190 sockets only. Fil. voltage 3 v., .06 amp. Plate 45-90 v.

No. 103. C299 or UV199.  
List \$2.25.  
Net..... \$1.54

No. 104. CX299 or UX199.  
List \$2.25.  
Net..... \$1.54

### CX220—UX120

Dry Cell Power Tube. A 3 v. power tube for last audio stage in dry cell sets. Max. plate 120 v., "C" 22 $\frac{1}{2}$  v. Draws .125 amp. at 3 v. Operates from 4 $\frac{1}{2}$  v. dry cell series or 4 v. battery with 30 ohm rheostat. This power tube increases volume and improves tone quality without distorting. For superhets and other multi-tube dry cell sets. Fits only UX sockets.  
No. 110. List \$2.50. Net..... \$1.71

### CX313—UX213

Full Wave Filament Rectifier for "B" Eliminators. Output of 65 millamp. at a max. of 220 v D.C. Used in many standard "B" eliminators. Will supply voltage and current output to operate average multi-tube set with semi-power tube. Fits standard UX sockets.  
No. 114. List \$5.00. Net..... \$3.43

### CX316B—UX216B

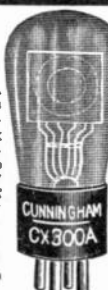
Half Wave Filament Rectifier. Used in standard power packs and power amplifiers to supply high voltage for CX310 tube. Output of 65 millamp. at max. of 550 v. A.C. A long life tube for power amplifiers. Fits standard UX sockets.  
No. 115. List \$7.50. Net..... \$5.15

### CX381—UX281

New R.C.A. and Cunningham Half Wave Rectifier. Has greatly increased output over 316B delivering maximum current of 110 millamp.—A.C. plate max. 150 v. Filament 7.5 v. A.C. Filament 1.25 amp. 2 tubes may be used with proper equipment for full wave rectification for output of 200 millamp. at 850 v.—sufficient for amateur transmission or energizing filaments of tubes in series. Fits standard UX socket.  
No. 117. List \$6.50. Net..... \$4.52

### CX300A—UX200A

New Sensitive Detector. 5 v.  $\frac{1}{2}$  amp. New gas content detector is extremely sensitive to weak or distant signals. In popular demand. Substitute for 301A detector in any set, greatly increasing range and sensitivity. 20-30 ohm rheostat off 6 v. battery. Plate 45 v.  
No. 102. List \$4.00. Net..... \$2.75



### The New A. C. Tubes

The recently announced R.C.A. and Cunningham new A.C. Tubes for operation direct from the alternating current light line through a step down transformer. These tubes can not be substituted in the average radio receiver. A.C. tubes can be used only in circuits designed for them. No batteries are required. Filaments are heated directly from the A.C. home lighting system through a special transformer. Kits and sets designed and equipped for the new A.C. tubes are listed on other pages of this catalog.



CX326—UX226  
A.C. Amplifier. For R.F. and A.F. amplification stages in circuit designed for A.C. operation. 1 $\frac{1}{2}$  v. A.C. filament drawing 1.05 amp. CX326 not recommended as detector but used in multi stages of R.F. and A.F. amplification. Fits standard and UX sockets. D.C. plate. 90-180 v. max.  
No. 112. List \$3.00. Net..... \$2.05

### CY327—UY227

A.C. Detector and Amplifier. An A.C. heater type with a cathode—a metal thimble coated with active material and activated through a separate internal heating element. Draws 1.75 amp. at 2 $\frac{1}{2}$  v. A.C. CY327 intended as detector tube in combination with CX326. May also be used for R.F. amplification though not generally recommended. Has a special five prong base and requires a special socket. D.C. plate 45-90 v.  
No. 113. List \$6.00. Net..... \$4.12

### CX374—UX874

Voltage Regulator Tube. This tube is a D.C. ballast holding the output of "B" eliminators constant regardless of load or variations in circuit. Whether an eliminator is used with 1 or 8 tubes—output is maintained at proper voltage. No variable adjustments of eliminator necessary. Used in all popular power amplifiers and power packs in combination with rectifying tubes CX313, 316B, 380 and 381 and with non-flament rectifiers.  
No. 118. List \$5.50. Net..... \$3.77

### C377

Protective Tube. Eliminates the possibility of accidental burning out of tubes due to short circuit. Special double contact bayonet base.  
No. 120. List \$1.75. Net..... \$1.20



## Power Tubes

### CX371—UX171

Power Tubes for Last Audio Only. Also in stage of push pull for enormous power output.  $\frac{1}{2}$  amp. at 5 v. 10-15 ohm rheostat off 6 v. battery. Plate 90 v. 180 v. "C". 16.5-40.5 v. Will handle enormous input without distorting. Great power output with low impedance matching most loud speakers. Fits standard and UX sockets.  
No. 108. List \$4.50. Net..... \$3.08



### CX112—UX112

Semi-Power Tube for Audio. Use in last stage or two in push pull.  $\frac{1}{2}$  amp. at 5 v. 10-15 ohm rheostat off 6 v. battery. Its use in the audio improves tone quality and increases volume. 90 v. 157.5 v. plate. Generally 135 v. is ideal. C. v. 7.5-10.5. Fits standard and UX sockets.  
No. 107. List \$4.50. Net..... \$3.08

### CX310—UX210

Super Power Amplifier. Power output exceeding 100 times the output of CX-301A can be obtained. Efficient operation requires plate 425-550 v. May be used with plate voltage of 135 v. for "B" battery operation. Operated from 6 v. storage battery without rheostat or 7.5 A.C. source. "C" 9-35 v. With high voltage use with output transformer or impedance to protect loud speaker. For new popular power amplifiers. Fits all standard or UX sockets.  
No. 109. List \$9.00. Net..... \$6.18

### CX340—UX240

New R.C.A. and Cunningham Hi-Mu Tube for resistance coupled and impedance coupled amplifier. Only used in first and second stages of resistance or impedance coupled amp. where high amplification tubes are necessary. Followed by a power tube of the CX112 or CX371 type. Draws .25 amp. at 5 v. 6 v. storage battery source with 20-30 ohm rheostat. Plate max. 180 v. "C" 1 $\frac{1}{2}$  v. Fits standard and UX sockets.  
No. 111. List \$2.25. Net..... \$1.54

### CX380—UX280

New Full Wave Rectifier with high voltage and current output. Maximum D.C. output of 125 millamp.—A.C. plate max. 800 v. Filament 5 v. A.C. Filament 3 amp. Standard UX base.  
No. 116. List \$5.50. Net..... \$3.77

### C376

An A.C. Ballast Tube to regulate input voltage across the primary of "B" eliminator transformers with special equipment designed for it. Will hold the primary voltages constant regardless of variations in the A.C. house lighting circuit. C376 requires mogul socket.  
No. 119. List \$6.50. Net..... \$4.46

### WD11—C11—C12—CX12

Efficient Detector and Amplifier. Uses 1.1 v. and 25 amp. Operates with single 1 $\frac{1}{2}$  v. dry cell with 10-20 ohm rheostat. Plate v. 22 $\frac{1}{2}$ -45 v. detector. 45-90 ampifier.  
No. 105. C12, CX12 all standard or UX sockets. List \$2.50. Net..... \$1.71

No. 106. WD11, C11 special type socket. List \$2.50. Net..... \$1.71

HAMILTON-CARR CORPORATION, CHICAGO, ILL.

# Knight Tubes Better Than the BEST

**K**NIIGHT TUBES SELECTED BY US FOR THEIR SUPERIORITY. STANDARD OF PERFECTION. THEY ARE NATIONALLY KNOWN.

Knight tubes will satisfy you and they will satisfy your customers. Tested to rigid specifications. Quality products. Bakelite bases with milled prongs. The plate, grid and filament elements are doubly supported. Non-microphonic. Will stand up better than the best on the market.



## Our Testing Facilities

At great expense we have installed and incorporated a system of testing all tubes under actual operating conditions. Each Knight tube is tested in such a manner that the full worth of the tube may be predetermined. We ship no tubes that are not fully tested. This protects you and your customer. Our procedure is costly but it enables you to handle a complete line of tubes with the full assurance of satisfaction.

## A Quality Tube Insures Better Reception

No. 226. TYPE X301A  
Amplifier and Detector.  
List, \$1.75.  
NET .....

**84c**

No. 227. V199. List, \$2.25.  
No. 228. X199. List, \$2.25.  
NET .....

**95c**

No. 229. TYPE X120. Dry  
Cell Power Tube. List, \$2.50.  
NET .....

**\$1.10**

No. 230. TYPE X200A.  
New sensitive detector.  
List, \$4.00. NET .....

**\$1.65**



No. 234. TYPE X240. New  
Hi-Mu tube. List, \$2.25. NET.

**\$1.05**

No. 235. TYPE X12. Dry  
cell detector and amplifier.  
List, \$2.50. NET .....

**\$1.05**

No. 236. TYPE X213. Full  
wave filament rectifier.  
List, \$5.00. NET .....

**\$2.40**

No. 237. TYPE X216B.  
High voltage half wave filament  
rectifier. List \$7.50. NET

**\$3.75**

No. 238. TYPE X281. New  
high voltage half wave rectifier.  
List, \$9.50. NET .....

**\$4.50**

No. 239. TYPE X280. New  
full wave rectifier. List, \$5.50.  
NET .....

**\$2.60**

No. 240. TYPE X374. Voltage  
regulator tube. List, \$5.50.  
NET .....

**\$2.60**



## Power Tubes

No. 231. TYPE X112. Semi-  
power tube for audio amplifier.  
List, \$4.50. NET .....

**\$1.85**

No. 232. TYPE X171. Power  
tube for last audio stage  
only. List, \$4.50. NET .....

**\$1.85**

No. 233. TYPE X210. Super-  
power amplifier. List, \$9.00.  
NET .....

**\$3.95**

**Lots of 50 Assorted Tubes — 10% Additional Discount**

## Emerson Multivalve Three Tubes in One



Specified for the famous  
Lodge N circuit. Has one  
filament, three grids and  
three plates. It may be  
used in any standard  
socket, the extra connections  
being made on the  
binding posts provided on  
the tube base. Complete  
diagrams and instructions  
included with each tube.  
Plate voltage 45-135 volts.  
Filament 5v. 1/4 amp.

No. 241. List.  
\$6.50.  
NET ..... **\$3.82**

## UX Adapter

Adapts UX199 tubes  
to all standard and  
universal sockets.  
Genuine moulded  
bakelite. Perfect con-  
tact. A necessity.  
Special price.



No. 2325. List  
\$6.25.  
YOUR SPECIAL PRICE..

**15c**

## New McCullough AC Tubes



For new A.C. operated sets.  
Requires no storage battery or  
dry cells for filament lighting.  
Operates directly from the  
house lighting current through  
step down transformer. Quiet  
operation. No hum. Non-micro-  
phonic. Better tone quality.  
No burn-outs. Extremely rugged  
with long life.

No. 242. List \$3.43

\$5.00 YOUR PRICE **\$3.43**

No. 243. McCullough AC Power

Tube. List, \$7.50.

YOUR PRICE **\$5.15**

## New Sovereign AC Tubes

Requires no "A" batteries for  
filament operation. Heater type.  
Operates direct from the house  
lighting current through a step  
down transformer. May be used  
to convert any radio receiver to  
an A.C. operated set. Long life.

No. 245. A.C. Tube. List,  
\$5.00.

YOUR PRICE **\$3.19**

No. 246. A.C. Power  
Tube for last audio stage. List,  
\$6.00.

Your Price **\$3.81**

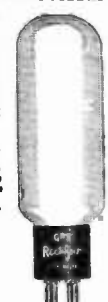


## Q. R. S. 400 Mill. Rectifier

New full wave gaseous  
rectifier with ionizer. Specified  
for the new ABC packs.  
With proper apparatus will  
supply complete A, B and  
C voltages for any sets using  
201A tubes with series  
wired filaments. See our Kit  
pages.

No. 244. List, \$7.00.

YOUR PRICE **\$4.12**



## Quietron Tube Cap

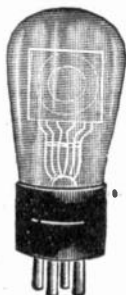


A metal cap that will  
fit all standard or  
X-201A, 200 and 112  
type tubes. Reduces  
howling caused by vibration.  
Effectively  
muffles tube vibration.

No. 2326. **\$3.3c**  
YOUR PRICE

HAMILTON-CARR CORPORATION, CHICAGO, ILL.

# HYLON TUBES — THE PROFIT MAKER



Wonderful tube value. High quality tubes of all the popular types built up to a standard. Manufactured under contract for us and tested under conditions that warrant your receiving a tube worth a great deal more than the price we ask. Highest quality offered at a low price for your profit. Has ruggedly supported elements, genuine thoriated filament—may be rejuvenated. Molded bakelite base. Non-microphonic. The best of materials used and built with precision and care.

## LOW PRICE—LONG PROFIT

Sell tubes that net you a substantial profit. Take advantage of your servicing calls by profiting by the sales that you make. Your money making opportunity.

YOUR SPECIAL PRICE, EACH

No. 200. X201A. Standard detector and amplifier. List, \$1.75 ..... **65c**  
 No. 201. X199. Dry cell detector and amplifier. List, \$2.25 ..... **75c**  
 No. 202. X200A. Super-sensitive detector. List, \$4.00 ..... **\$1.40**

YOUR SPECIAL PRICE, EACH

No. 203. X112. Power tube. List, \$4.50 ..... **\$1.40**  
 No. 204. X171. Power amplifier. List, \$4.50 ..... **1.40**

**Lots of 50 assorted tubes additional 10% discount**



**What Users Say** Gentlemen: "I own and operate Radio Station 9 BK1 at Maxwell, Iowa. Some time ago I bought a Hylon X201-A tube and I have used it on the average of 4 hours a day ever since. The tube is overlanded all the time and from 8 to 10 volts A.C. is used on the filament. I have worked both coasts in day-time so you can see yourself that these tubes are super quality. I have been telling my friends about your tubes and they said that they would have me send for their tubes after this."

HOWARD H. TROUP, Maxwell, Iowa.

## Carter Adapters

Carter adapters are in general use and provide a simple means for using the new tubes in many of the older receivers.



No. 2320. TYPE 3A ADAPTER—for adapting UX and CX type tubes for W.D. 11 sockets. List, 50c. **YOUR PRICE.. 30c**  
 No. 2321. TYPE UX2—for adapting UX199, UX201A or any UX tube to old style UV199 type socket. List, 75c. **YOUR PRICE.. 45c**

No. 2322. TYPE 171—for adapting UX112 or UX171 power tubes to old type 201A or navy type base. Furnished with leads to provide additional B and C voltage to power tubes without altering the wiring of the set in any way. List, \$1.00. **YOUR PRICE.. 59c**



## Naald Connecterals

No. 2323. TYPE 920—For adapting UX120 or any X type tube to UV199 socket. List, \$1.25. **YOUR PRICE..... 75c**

## ZETKA TUBES



Clear glass tubes evacuated by new process. Eliminates tube noises and microphonic disturbances. Longer life, clearer reception. Oxide filament.

No. 208. ZP201A. Fil. voltage 5. current ½ amp. Plate 45-90 volt. List, \$2.50. **NET ..... \$1.47**

No. 209. Z200A. Super-sensitive detector. Fil. voltage 5. Fil. current ½ amp. Plate 45 volt. List, \$4.00. **NET ..... \$2.36**

No. 210. Z112. Power amplifier. Fil. voltage 5. Fil. current ½ amp. Plate 90-157.5 volt. List, \$4.50. **NET..... \$2.65**

No. 211. Z171. Power tube. Fil. voltage 5. Fil. current, ½ amp. Plate 90-180v. List, \$4.50. **NET..... \$2.65**

No. 212. Z171. Power tube. Fil. voltage 5. Fil. current, ½ amp. Plate 90-180v. List, \$4.50. **NET..... \$2.65**

No. 213. Mu 6. List, \$4.50. **YOUR PRICE \$1.35**

No. 214. Set of three. Two Mu 20—One Mu 6. SPECIAL ..... **\$3.25**

## New Raytheon Tubes



Designed for "B" battery elimination and used in practically all standard "B" eliminators. Type "B" has a maximum output of 150 volts at 80 mills. Type B.H. will deliver 180 volts at 80-120 mills with transformer and chokes designed for this high voltage and current.

No. 205. Type B. List Price, \$4.50. **YOUR PRICE..... \$2.65**

No. 206. New Type B.H. List Price, \$4.50. **YOUR PRICE 2.65**

### New 350 Mil. Tube Type B A

Designed for A, B, C elimination. With this tube and the proper equipment which is listed on other pages of this catalog it is possible to operate the radio receiver direct from A.C. house lighting current. Supplies A current for the filament of tubes wired in series and B and C current at the required voltage for any amplifier.

No. 207. List Price, \$7.50. **YOUR PRICE ..... \$4.41**



## Resistance Coupled Tubes

It is unnecessary to sacrifice volume for quality with resistance coupled amplifiers. Use the new Hi-Mu tubes for greater amplification, purer tone, more volume and less distortion. MU-20 for first and second stages, has an amplification factor of 20. MU-6 is a power tube for the last stage to handle enormous volume without overloading.

No. 212. Mu 20. List, \$2.25. **YOUR PRICE \$1.05**

No. 213. Mu 6. List, \$4.50. **YOUR PRICE \$1.35**

No. 214. Set of three. Two Mu 20—One Mu 6. SPECIAL ..... **\$3.25**



## Concert Master Copper Shielded Tubes

Completely encased in a copper shield. Protects tube from breakage, shields elements. Prevents howls, squeals and microphonic noises. Will fit any set.

	List	NET
215. X201A	\$2.50	<b>\$1.47</b>
216. X199	2.50	
217. 200A Detector	4.50	
218. X112 power tube	4.50	<b>\$2.65</b>
219. X171	4.50	

## CECO TUBES

Nationally known radio vacuum tubes of merit and quality. Made in one of the largest plants in the world devoted exclusively to the manufacture of radio tubes.

No. 220. Similar to standard X201A tubes. List, \$1.75. **NET..... \$1.03**

No. 221. X199 type. List, \$2.00. **NET..... \$1.18**

No. 222. Type H Detector Tube. List, \$2.50. **NET..... \$1.47**

No. 223. Type K Radio Frequency Amplifier. List, \$3.00. **NET... \$1.77**

No. 224. Type F. Similar to type 112 power tube. List, \$4.50. **\$2.65**

No. 225. Type J71 Power Amplifier. List, \$4.50. **NET..... \$2.65**

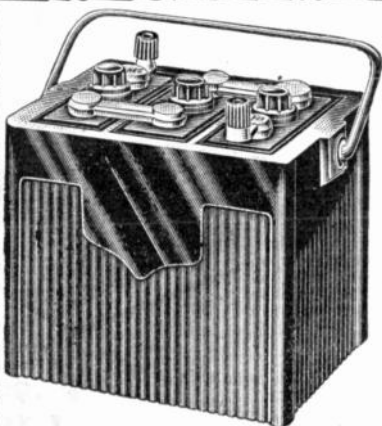


## McDonald Howl Arrestor



No. 2324. Fits right over radio tube. Prevents vibration, microphonic noises. Practically a necessity. Should be used on every tube in the receiver. Greatly improves reception and stops oscillation. List, 75c. **NET ..... 45c**

# Guaranteed Storage Batteries



## HEAVY DUTY— LEAK PROOF 3-Year Guarantee

A high capacity, thick plate, sturdy rubber cased battery. Solid construction. Sealed cells. Correctly rated, at one ampere continuous discharge rate. Shipped crated and fully charged; rigid lead at its grids; genuine Port Orford cedar insulators. New low prices. All six volt. Shipping weight, 40-75 pounds.

No.	Volts	Ampere Cap. at Radio Rates	YOUR PRICE
8601	6	80	\$6.95
8602	6	100	8.44
8603	6	120	9.21
8604	6	140	10.37
8605	6	Thinner plate, special 100 amp. 11 plate	7.45

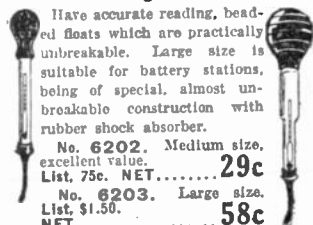
### Beede Test-a-Bat



A new convenient, safe and clean way of testing and checking storage batteries. Mounts directly on any storage battery. Simply press the button and the pointer will indicate if battery needs charging or if charging, whether fully charged. Complete with all attachments.

No. 6201. List \$1.05  
List \$1.75. NET \$1.05

### Leader Hydrometers



Have accurate reading, beaded floats which are practically unbreakable. Large size is suitable for battery stations, being of special, almost unbreakable construction with rubber shock absorber.

No. 6202. Medium size, excellent value. List, 75c. NET.....29c  
No. 6203. Large size. List, \$1.50. NET.....58c

### Hydrometer Floats



No need to throw away the old hydrometer. Just remove the bulb and insert a new hydrometer float.

No. 6204. List, 25c. NET.....17c

### Battery Connector



Fasten to post of any auto storage battery to adapt it or use with radio set. Has binding screw for connecting lead wire. Perfect contact always.

No. 6205. Each.....8c  
Ten for.....70c

### Charge Indicator "A" BATTERY



Even the most inexperienced radio enthusiast can note at a glance whether his A battery is charged. It shows when the A battery is in need of charging or when it has been charged to capacity. Indispensable to battery service stations in servicing A batteries for their patrons. It is a neater and safer means of determining the condition of the A battery. The charge indicator is practically the same in appearance as the pocket voltmeter or ammeter.

No. 6206. List Price, \$1.50. NET.....74c

### Battery Clips



Non-corrosive. Make positive connections. Easily attached to wire. Clips onto any size storage battery terminal. Lead covered.

No. 6207. Large Size. Two for.....18c

### Rubber Battery Mat



Set your battery on this mat and avoid any possible chance of injury to rugs or furniture. Takes largest size battery. Acid proof.

No. 6208. List, \$1.00. NET.....36c

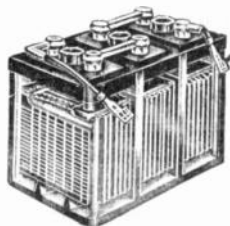
### Connecting Clips

For connecting lead wires to "B" batteries, blinding posts on sets, etc.

No. 6209. Neat nickel finish. Dozen.....38c  
No. 6210. Pee Wee, copper finish. Very small, compact size. Dozen.....38c

No. 6211. Lead covered, for storage "B" batteries. Dozen.....38c

### Universal Glass Case Battery



Medium capacity batteries, especially adaptable for use with trickle charger or as a power supply. Hook up a trickle charger with a glass case battery permanently and eliminate battery and charging worries. Glass case batteries are acid and leak proof. Easy to determine when batteries need water. Capacity 40 amps., 6 volts for all storage battery tubes. Equipped with Fahnestock connectors.

No. 8606. List \$8.95  
Price, \$15.00. YOUR PRICE.....

### Universal Four Volt Storage "A" Battery

Small storage battery for operating dry cell or 199 type tubes. Dispenses with dry cell "A" batteries and their expensive replacement. Especially adaptable for use with trickle charger as a constant "A" power supply unit. Small 2 1/2 x 3 1/4" wide by 6 1/2" high. 30-amp. hour capacity at 1/2 amp discharge.



No. 8607. List Price, \$8.00. YOUR PRICE.....\$4.40

# BURGESS BATTERIES



Burgess batteries are known the world over for their efficiency. Nationally advertised. Unusually long life. These batteries are absolutely dependable. You can rely upon their giving splendid service over months of use. Each battery individually tested. Stocks always fresh.

No.	Type	Fac. No.	Size	Price
5701.	22½-volt, B small, flat....	4156	3½x2 x2½	\$1.02
	List, \$1.50			
5702.	22½-volt, B medium, flat, 5156		4½x2½x2½	1.19
	List, \$1.75			
5703.	22½-volt, B large, flat, 2156		6½x4 x3	1.30
	List, \$2.00			
5704.	22½-volt, B small, upright 5158		2½x2½x4	1.13
	List, \$1.75			
5705.	22½-volt, B large, upright, 2158		4½x3½x7	1.30
	List, \$2.00			
5706.	45-volt, upright, 5308		2½x4½x5½	2.18
	List, \$3.25			
5707.	45-volt, B large, flat, 2306		7½x6½x3	2.44
	List, \$3.75			
5708.	45-volt, B battery, large, 2308		3½x8½x7	2.45
	List, \$3.75			
5709.	45-v., heavy duty upright, 10308		8½x4½x7½	3.30
	List, \$4.75			
5710.	4½-volt, C small, plain, 5360		2½x ¾x2½	.26
	List, 40c			
5711.	4½-volt, C large, tapped, 2370		4 x1½x3	.41
	List, 60c			
5712.	7½-volt, C medium, tapped 5540		4 x ¾x2½	.58
	List, 85c			
5713.	1½-volt, dry cell A..... 6A		2½x6	.37
	List, 50c			

## Reliance "A" Battery

No. 5714. Our enormous distribution on batteries enables us to buy these in large lots at a saving.

We pass this reduction on to you, offering high-grade dry cell batteries at a remarkably low price. Used for dry cell tubes. 1½ volts each high test. Stock always fresh. List Price, 60c.

YOUR PRICE .....

**30c**



## Belden Fused Battery Cord

Five-wire color-coded battery cord, 6 ft. long, with fuse. Eliminates fire hazards from crossed wires. \$1.50

No. 2527. List, \$1.50

YOUR PRICE .....

**89c**

No. 2528. Extra "B" Battery Fuse.

Three for, No. 2529. Extra "A" Battery Fuse. 45c

Three for 30c



## "B" Battery Meter

Test your "B" batteries with this special "B" battery tester. Know their condition and when they are in good shape. Our special recommendation. Combination also tests 1½-volt "A" batteries. Tests all "B" batteries.

No. 2079. 0-50 volts.....

No. 2080. Combination voltam-

meter, 0 to 35 amps, and 0

to 50 volts.....

**55c**

**75c**



# EVEREADY "B" BATTERIES

Nationally known Eveready batteries. Long life, quiet operation. Quality "B" batteries. Always fresh stocks. Eveready No. 767 or No. 772 recommended for sets having less than five tubes. For five-tube sets or larger Eveready No. 770, heavy duty, or No. 486 layer built should be used. Use proper size batteries with your receiver and reduce battery expense 50 per cent. Much so-called static is actually caused by poor, run-down, noisy "B" batteries. Eliminate noises in your radio receiver by using good batteries having long life and low resistance.

Stock Fac.

No.	No.	Type	YOUR PRICE
5715.	763	22½-volt, small, flat.	
		List Price	\$ .99
5716.	768	22½-volt, medium, flat.	
		List Price	1.19
5717.	766	22½-volt, large, flat, tapped.	
		List Price	1.35
5718.	764	22½-volt, upright.	
		List Price	1.18
5719.	767	45-volt, large, flat, tapped.	
		List Price	2.50
5720.	772	45-volt, large, upright.	
		List Price	2.50
5721.	770	45-volt, heavy duty, upright.	
		List Price	3.29
5722.	486	45-volt, heavy duty. "Layer Built" upright.	
		List Price	3.45
5723.	771	4½-volt, "C", tapped.	
		List Price	.39
5724.	7111	1½-volt, Dry Cell, "A."	
		List Price	.35



## Battery Lead Tags

Tags for marking battery wires. In great demand. All battery leads should be properly tagged.

Set of 14, marked Ant., Gnd., A-, A+, B-, B+, B+ Det, B+ Amp, C-, C+, B+ 22V., B+ 45V., B+

90V., B+ R.F.

No. 4001. Price, per set.....

No. 4002. Ten sets.....

**7c**

**65c**

## Jones Cable Lug

4 ft. five-wire battery cable, color-coded and rubber-covered. One terminal of each cord is held in a common container, which is adaptable for board-mounting. Tinned ends of the cord protrude from the container for easy soldering. A perfect battery cable.

No. 2532. 4-foot Jones Cabelug.

List, 60c. Net.....

**36c**

No. 2533. 8-foot Jones Cabelug.

List, 75c. Net.....

**44c**



## 5 and 7 Wire Multicolucord

Each wire color-coded. Makes quick hook-up possible. Code colors prevent mistakes and burning out of tubes.

Stripped and soldered.

2530. 5 wire.

Heavily in-

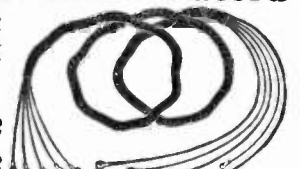
sulated .....

2531.

7-wire .....

**25c**

**39c**



# Heavy Duty "B" Batteries

Manufactured for us by a nationally known manufacturer under contract. Built to the highest standard under the most rigid specifications. High quality. Long life. Quiet. The best "B" batteries on the market. Full test voltage.

## KNIGHT "B" Batteries

Profit making batteries. Highest quality at lowest prices. Nowhere can you find this quality "B" battery at such low prices. Your opportunity to cash in and make money on accessories. Profit by your battery sales with greater satisfaction. Complete stocks always fresh.

### Large Upright 45 volt



The popular battery for all five, six tube and smaller sets. Large cells. Perfectly insulated. Long life. Upright styles takes up minimum amount of space. Tap-

ped at 22 volts. Size 8x7x3. No. 5725. YOUR PRICE **\$1<sup>65</sup>**

### Upright 22½ volt

Large cells. Long life battery designed for use where space is limited. Ideal for portable sets and all sets where batteries are self-contained in the cabinet. Fast moving popular battery. 4x3x6. No. 5726.

YOUR PRICE **82<sup>c</sup>**

### Heavy Duty 45 volt Upright



Designed and recommended for use with multi-tube receivers. Extra long life. Extra large cells and precision construction means many months additional service. Should be used with all six tube sets and larger and wherever power tubes are used.

Much longer life with power tubes than the smaller sized batteries. Size 8½x4½x7¼. No. 5727. YOUR PRICE **\$2<sup>16</sup>**

### 4½ volt "C"

For use in all the modern and all multi-tube sets. "C" battery reduces "B" battery consumption, increasing the length of normal "B" battery life and insuring amplification without distortion. Recommended by all tube manufacturers. Should always be used with power tubes. Large cells. Long life. No. 5728. YOUR PRICE **23<sup>c</sup>**



### New Tungar Charger

Latest model Tungar charger. 2 and 5 amps. charging rate. Equipped with new type Tungar bulbs. This charger requires no acid and does not cause interference. 110 volt, A. C.

No. 8046. 60 cycle, 5 amp. List Price, \$24.00. YOUR PRICE **\$15.60**  
No. 8047. 60 cycle, 2 amp. List Price \$14.00. YOUR PRICE **9.10**  
No. 8048. 25 cycle, 2 amp. List Price, \$22.00. YOUR PRICE **14.30**

### New Genuine Tungar Bulbs

New type Tungar 2 Amp. Bulb. No. 125. List Price, \$4.00. YOUR PRICE **\$2.76**  
New type Tungar, 5 Amp. Bulb. No. 126. List Price, \$8.00. YOUR PRICE **5.50**  
No. 127. Tungar Lamp Tube for Trickle Charger. List Price, \$4.00. YOUR PRICE **2.76**

### Tungar Trickle Charger



The new Tungar trickle charger, manufactured by the General Electric Company, will charge 6 or 4-volt batteries at ½ amp. rate.

Requires absolutely no attention. Silent in operation. No acid or water. Will not overcharge. Highly recommended and in popular demand.

Requires less space than any other type trickle charger. For use with low amperage battery, 30 to 60 amp. Used with any 4 or 6-volt storage battery. Has adjustable charging rate.

No. 8051. List Price, **Your \$6<sup>50</sup>**  
\$10.00. Price

### Rectifying Bulbs

Rectifying Bulbs for Tungar Rectigon and general bulb type chargers.

No. 122. 1-amp. For tricklechargers.	No. 123. 2-amp. Rectifier.	No. 124. 5-amp. Rectifier.
<b>\$2.69</b>	<b>\$2.69</b>	<b>\$5.40</b>

# CHARGERS

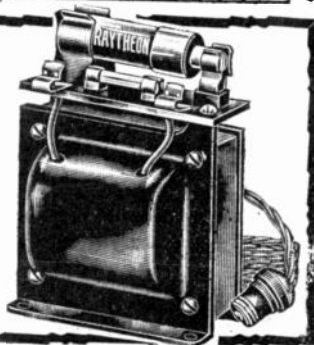
## Knight 2½ Amp. Dry Charger

Full rate 2½ amp. charger. Not a trickle charger. Complete with the new Raytheon "A" dry cartridge rectifier. Simple, fool proof. Quiet. No acids, no bulbs, no moving parts. Full satisfaction is obtained with this new full rate charger. Will charge any storage battery to full capacity over night. Small and compact. Will fit anywhere. Requires no attention. The most popular charger type of the season. No other full rate charger on the market can be offered at such a low price. Here is money making opportunity. Charges are the most important of all radio accessories. Sell in large quantities. A universal need and demand. Profit at this remarkable low price.

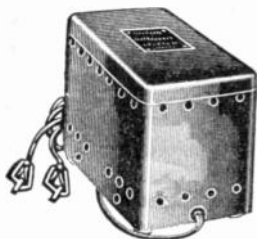
**No. 8023—List \$12.00**  
Complete with Raytheon  
Cartridge Rectifier

**Your  
Price**

**\$6<sup>35</sup>**



## Elkon Chargers



A full three-ampere charger for radio and automobile batteries. Bone dry. Silent in operation. Requires no attention, no adjustments, no acids, liquids, tubes or moving parts. Delivers a full three-ampere charge tapering to two amperes as the battery reaches full charge. Always ready—never failing.

**No. 8026. List, \$17.50.**

**Your Price \$10<sup>29</sup>**

### ELKON RECTIFYING UNITS

Replacement dry rectifier units for the Elkon chargers.  
**No. 8027. Trickle rectifying unit. List, \$1.25. Net.....74c**  
**No. 8028. Three-amp. rectifying unit. List, \$6.00. Net. \$3.55**

## Elkon Trickle Charger

Automatic battery charger, bone dry, no acids, no moving parts. Same description as above.

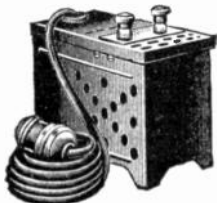
**No. 8055. 50-60 cycle. Retail Price, \$7<sup>95</sup>**  
**\$13.50. YOUR PRICE.....**

## KUPROX CHARGERS

New revolutionary development in rectifiers. Supplants all types of electrolytic bulb and vibrating electrifiers and chargers. Nothing to adjust, nothing to wear out. Will last indefinitely.

### Trickle Chargers

**No. 8049. Kuprox Trickle Charger. Retail Price, \$10.50. YOUR PRICE..... \$6.18**  
**No. 8050. Kuprox Trickle Charger. 110 to 120 volts, 25-40 cycle A.C. Retail Price, \$12.00. YOUR PRICE..... \$7.05**



### KUPROX HOMECHARGER

Well known homecharger. Will charge at 3 amp. rate. Dry, no hum, with famous Kuprox unit.  
**No. 8052. 110 to 120 volts, 50-60 cycle. Retail Price, \$18.50.**

**YOUR PRICE ..... \$10.88**

**No. 8029. Kuprox Homecharger for 25-40 cycle. Retail Price, \$20.00. YOUR PRICE.. \$11.76**

### Recharge Your "B" Batteries

Recharge your dry "B" batteries and make them last endlessly with this Trickle "B" Recharger. Full instructions.

**No. 8032. 110-120 volts, 50-60 cycle. Retail Price, \$10.00. YOUR PRICE..... \$5.88**

## KUPROX Replacement Units

Make any trickle charger or standard charger a dry bulbless, quiet, charger with this unit. Makes bulbs, liquids and acids obsolete. Will double former charging rate. Full rate. Full instructions. Will supplant rectifying unit in all classes of chargers.

**No. 8031. Retail Price, \$4.50. YOUR PRICE.....**

**No. 8037. Dry metallic unit for replacing bulbs to screw into socket. Retail Price, \$4.50. YOUR PRICE.....**

**\$2<sup>35</sup>**



**\$2.35**

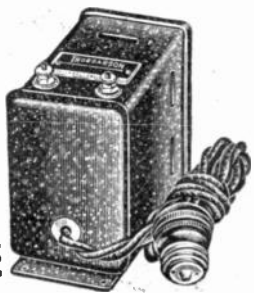
## Thordarson Charger

Battery charger R175. A radically new battery charger sound in principle, proven in performance. Full 2 ampere rate. Dry. Needs no attention. Uses new Raytheon cartridge rectifier. Only 2¼ in. wide, 5¼ in. long and 4¼ in. high over all. It is offered at a popular price. Will bring the average battery to full charge over night. No vibrating parts. Entirely noiseless. The charger will last indefinitely.

**No. 8030. List, \$12.50. with Raytheon "A."**

**Your Price**

**\$7<sup>35</sup>**



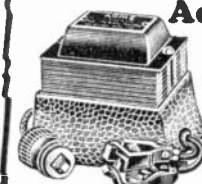
## Acme "A" Charger

Acme has developed a new type charger that is far ahead of the usual type. No acid, no filament, no liquids. Uses the new Raytheon A cartridge rectifier. The A.C. 6 is a 2½ ampere half wave charger. A.C. 7 is a full wave 5 amp. charger. Small and compact. Quiet in operation, requires no attention. Attractive in appearance with crackle finished cast base. Complete with cord and plug and battery leads with clips.

**No. 8053. A.C. 6. 2½ amp. charger with one Raytheon A unit. List \$12.50. YOUR PRICE.....**

**No. 8054. A.C. 7. 5 amp. charger with 2 Raytheon A units. List, \$18.00. YOUR PRICE.....**

**\$7.35**  
**10.59**



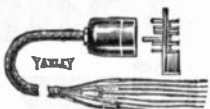
## Raytheon "A"

The Raytheon "A" is a 2½ ampere half-wave rectifier. Two cartridges may be used for full wave rectification delivering 5 amperes. Its normal life is well over 1000 hours actual operation.

**No. 8024. Raytheon "A." Your Price \$2<sup>65</sup>**  
**List, \$4.50.**

## Yaxley Cable Connector Plug

For instant connection of all batteries, aerial and ground to set. Installed right in set, specially for the kit builder. Mounts on the base panel, sub-panel on back of the cabinet.



No. 2361. List, \$3.00. **\$1.76**  
NET .....

## Jones Multiplugs

Jones Multiplug affords a modern method of connecting batteries, power units and radio and ground wires to the receiver. Makes possible instantaneous connection or disconnection. Consists of seven wires all color-coded and with markers. Finished with acid-proof lacquer. Type P.M., for panel mounting.



No. 2362. With 4-ft. cable. List, \$2.25. NET.. **\$1.35**

No. 2363. With 8-ft. cable. List, \$2.50. NET.. **\$1.50**

Type B.M., for base mounting. Wires are soldered to the back of the B.M. socket which is screwed onto the base or sub-panel.

No. 2364. With 4-ft. cable. List, \$2.50. NET.. **\$1.50**

No. 2365. With 8-ft. cable. List, \$2.75. NET.. **\$1.65**

## Type W. B.

Consists of Multiplug socket mounted on standard switch plate or receptacle cover for use in dealer's demonstration rooms or for permanent home installations where batteries are in basement or wall space.

No. 2366. With 4-ft. cable. List, \$1.75. NET.. **\$1.05**

No. 2367. With 8-ft. cable. List, \$2.75. NET.. **\$1.65**

Type B.P. Adaptable to any set now equipped with binding posts. No soldering is necessary. Adapts any set for Multiplug connection.

No. 2368. With 4-ft. cable. List, \$2.75. NET.. **\$1.65**

No. 2369. With 8-ft. cable. List, \$3.00. NET.. **\$1.75**

## 2 and 3 Way Plug

Used for connecting eliminator, "A" power unit, or both, to light circuit and also connect electric lamp to the same socket. Screws into any light socket.



No. 2381. Two-Way Plug. YOUR PRICE..... **21c**

No. 2382. Three-Way Plug. YOUR PRICE..... **46c**



## Extra Tap

Designed to double the capacity of a single Pin-Type receptacle, made of fine, polished composition. No. 2383. **15c**  
NET .....



## Trio Tap

A three-way pin-type cluster with standard parallel prongs to fit into any flush receptacle. No. 2384. **11c**  
NET ....

## Rex Relay

An automatic relay for trickle charger, storage battery and "B" eliminator with receptacle and full instructions for attaching. Automatically starts the battery charger and turns "B" eliminator off when set is not in use and reverses this operation when set is to be used. This is not a cheap relay, but one that is priced right for positive results. Just what you will sell in quantities.



No. 2370. List **\$1.25**  
price, \$3.50. YOUR NET PRICE.....

## Yaxley Automatic Power Control

An automatic relay for controlling the "B" eliminator and charger automatically from the radio switch. Pure silver contacts. Perfect electrical connections. Thoroughly dependable.



No. 2371. Type 444—series type. For sets with current draw equal to 4 199 tubes up to 11 201A tubes. List, \$5.00. NET **\$2.94**

No. 2372. Type 445—multiple type. No voltage drops. May be used with any set and any number of tubes. List, \$6.00. NET **\$3.53**

## Brach Controlit Switch



An automatic relay for "A" power supply and "B" eliminator. Automatically switches "B" eliminator and "A" power supply on or off as the set is switched on or off. Entirely automatic.

No. 2373. R6, for 6-volt sets. No. 2374. R4, for 4-volt sets. List, each, \$4.50. **\$2.65**  
YOUR PRICE.....

YOUR PRICE.....

## Full Automatic Relay



A standard "A-B" relay for use with trickle chargers and "B" eliminator. Particularly desirable because of its compactness. Automatically controls charger and "B" eliminator from the set switch. For sets with 6-volt. batteries.

No. 2375. List, \$3.50. NET..... **\$2.27**

## Super Automatic Radio Power Control

A new automatic relay control switch. Controls the battery, the charger and "B" eliminator from the set switch. Automatically turns the charger off and the battery on when set is turned on.

Automatic cut-off permits use of 2-amp. or larger chargers. Automatically cuts charger off when the battery is fully charged. Impossible to overcharge battery. For sets using 6-volt batteries.

No. 2376. List, \$7.50. NET.. **\$4.80**

## Socket Plug

A two-piece socket plug for screw or wall socket outlet. A well made, two-piece socket at a special price.



No. 2385..... **7c**

## Lamp Cord Connector



For lamp cord extensions. Quickly makes or breaks contact. Used for coupling two lengths of lamp cord.

No. 2386. YOUR PRICE... **19c**

## BEAVER

### Battery Cord Plug



Five-contact battery cord plug and socket. Instantaneously connects or disconnects all batteries from receiver. Plug and socket are keyed to prevent improper connection.

No. 2387. A special offer. List price, \$1.50. YOUR PRICE **55c**

No. 2388. Complete, with 5-wire cable. YOUR PRICE... **95c**

## Extension Cord Set



Has 6 feet of No. 18 twisted pair lamp cord. Brass shell socket on one end, two piece

separable plug on other end. No. 2389. Each..... **63c**



## Mica Fuse Plug

15-amp. quality fuse plug with clear mica window. Replacement fuses in universal demand.

No. 2390. Each.... **3c**

## Reliable Automatic Relay

Reliable, automatic power control switch for use with trickle charger and "B" eliminator. Automatically turns on or off either or both, as required. Its use advised with every "B" eliminator.



No. 2377. List price, \$2.00. YOUR PRICE... **\$1.19**

No. 2378. For sets using 199 tubes..... **\$1.48**

## Jewell A B Relay

An automatic switch which controls eliminator and trickle charger. Makes any set fully automatic. Simply switching on the set automatically switches the eliminator on and the charger off. Makes possible remote full automatic control of battery, charger and eliminator.

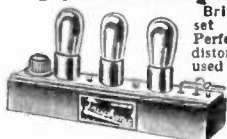


No. 2379. Type 593, for sets using 5 or more 3-volt tubes.

No. 2380. Type 595, for sets using 4 or more 5-volt tubes. List, \$5.00.... **\$3.19**

# Power-Audio-Radio Complete Amplifiers

## Na-Ald Truphonic Power Amplifier



Brings any radio set up-to-date. Perfect tone, undistorted. May be used with the new power tubes for clear, life-like reproduction.

Can be installed in any set and used with "B" batteries or "B" eliminator. Output filter protects from injury when power tubes and heavy current are used. Just the thing for use with the new electrical phonograph pickups.

No. 2120. List, \$25.00. NET.....

**\$14<sup>70</sup>**

## Truphonic Catacomb Assembly

For the set builder. Consists of a standard truphonic power amplifier with a moulded socket panel with six or seven sockets. This enables anyone to build a six or seven-tube radio receiver with the truphonic amplifier. May be adapted to any circuit.

No. 2121. With six sockets. List, \$25.00.

**\$14<sup>70</sup>**

NET No. 2122. With seven sockets. List, \$27.00.

**\$15<sup>88</sup>**

NET

## Paragon Amplifier



New three-stage double impedance coupled amplifier. Perfection of reproduction obtained. Quadruple amplification without overloading, distorting or blasting. Can be installed with any radio set for improved tone quality and power amplification. Furnished with seven-wire cable for instant attachment to any set. Uses Hi-Mu or 201A tubes.

No. 2123. List, \$25.50. Without tubes. YOUR PRICE **\$15.50**

## Acme Power Amplifier

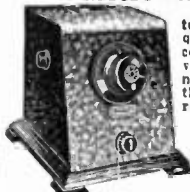
New Acme Power Amplifier Type PA1. Consists of a single stage of resistance coupled amplification with an impedance leak, a filament lighting transformer and an automatic "C" supply. For use with 112 or 171 power tube. Can be installed with any radio receiver. Increases volume, improves tone quality. Does not include a "B" eliminator. Supplies its own "A" and "C" voltage from the light socket and it may be used with any battery or eliminator installation. Meets the popular demand for a medium priced power amplifier for simple installation, increased volume, improved tone quality. Automatic "C" supply insures correct "C" voltage for the power tube regardless of the variable "B" supply. 135 to 150 volts recommended for 112 power tube, 150 to 180 volts recommended for 171 power tube.



**YOUR PRICE \$7<sup>35</sup> NET**

No. 4511. List, \$12.50

## Walbert Penetrola



Add a stage of tuned radio frequency to any receiver. Increase the volume of all signals. Incorporates the Walbert Isofared Circuit. Comparable to adding two stages of radio frequency. Entirely eliminates re-radiation.

No. 4512. List price, complete, \$35.00.

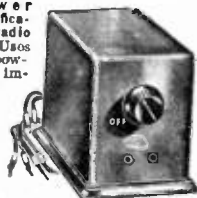
**\$22.35**

YOUR PRICE.....

No. 4513. Penetrola essential kit without cabinet. List price, \$15.00. YOUR PRICE... **\$9.00**

## Centralab Tone Amplifier

Adds a power stage of amplification to any radio receiving set. Uses new 171 or 112 power tube for improved tone quality and increased volume. Does not include a "B" eliminator. Can be used with any set, any eliminator or with dry batteries. Tone filter protects the speaker. Attached to any set without change.



No. 2124. List price, \$16.00. without tube.... **\$9.50**

## Sonatron Amplifier

Resistance coupling for tone quality. Added to any old receiver greatly improves tone quality. Easily and quickly connected to any receiver. Equipped with one HI-MU 30, one HI-MU 20 and one HI-MU 6 for storage battery, or one HI-MU 23, one HI-MU 19 and one HI-MU 9 for dry cells. Furnished, complete, ready for operation, including tubes.

No. 2125. With 6-volt tubes. List, \$20.00. YOUR PRICE.. **\$10.60**

No. 2126. With 3-volt tubes. List, \$20.00. YOUR PRICE.. **\$10.60**



# Walker Audio and Radio Amplifier



## Walker Vari Unit

A radio frequency amplifier adaptable to practically any use. The Vari-Unit can be used as a stage of neutralized I.F. amplification—a detector with or without regeneration—a stage of straight R.F. amplification—as an oscillator—as a station selector—a superheterodyne first detector or a wave meter. Many other uses are also described in the instructions furnished. When used with any receiver-storage battery, dry cell or A.C. type—it may be adapted as a stage of tuned R.F. for greatly increased selectivity. Increases the audibility of distant signals fully a hundred times. The lithographed aluminum case serves as an external and interstage shield. May be removed from the case for cabinet mounting. Size, 7x7x5 in. Used with loop or antenna.

No. 4514.

**LIST PRICE \$20.00**

**YOUR PRICE \$11<sup>88</sup>**

## Walker Audio Unit

A new improved audio amplifier which may be used with the Walker Vari-Unit or with any radio frequency set. Beautiful lithographed aluminum case. May be removed for cabinet or console installation. The Audio Unit is furnished in two types. One uses two stages of extremely high efficiency transformer coupling. Faithfully reproduces without distorting and with considerable volume. Has external volume control. The second type is a three-tube amplifier consisting of one stage of transformer coupling and a stage of push-pull or full wave power amplification. Results obtained are remarkable. The combination of full wave amplification in the final stage with power tubes of the 112 or 171 type makes possible a quality audio amplification difficult to equal.

No. 4515. 2-tube Audio Unit. List price, \$20.00.

No. 4516. 3-tube Audio Unit. List price, \$35.00.



**\$11<sup>88</sup> \$20.58**

# KNIGHT POWER AMPLIFIER

## and "B" Eliminator

New complete power amplifier for use with any receiver. The deep bases of the pipe organ, the bass viol, bass and trap drums are properly reproduced. Brings out the notes and instruments never before heard with any radio set.

### Push Pull Full Wave Power Amplification

Latest design using the new push pull power transformers with 2 171 power tubes and Raytheon BH tube. Delivers a tremendous output which is even greater than the super power 210 tube. Will handle the greatest amplified signal without distorting.

### Complete "B" Elimination

Furnishes constant, unfailing, unvarying, humless "B" supply to any receiver and complete "A", "B", and "C" voltages to the two 171 tubes. Dispenses with "B" batteries entirely.

### No Adjustments—Voltage Regulator Tube

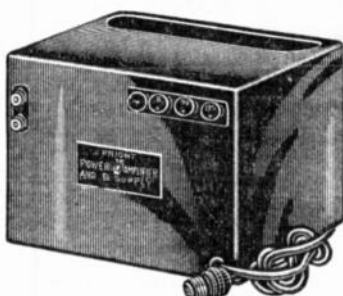
Uses the new voltage regulator glow tube. No adjustments at all are necessary. Voltages remain constant under all conditions regardless of load or line variation. Has detector tap, 90 volt tap and power amplifier tap.

### Easily and Quickly Installed

Entirely enclosed in an attractive dark dull satin green finish heavy gauge metal case. May be connected to any set as quickly as a set of "B" batteries. Once plugged into the light socket requires no attention.

### Electrical Phonograph Amplifier

May be used with new electrical pick-ups and any phonograph and loud speaker for power reproduction of the new electrically cut records. Amazing beauty of tone quality.



### ASTOUNDING LOW PRICE

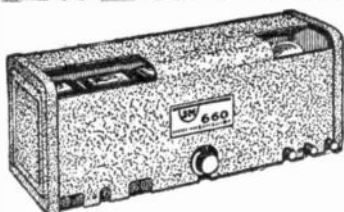
Cash in on the present big demand for power amplifiers. We offer you the latest type with the latest developments that will modernize all receivers. Our low price for this quality amplifier is unequalled.

No. 8071. List \$75.00

without tubes.

YOUR PRICE

No. 8072. Your net price, complete with one Raytheon BH tube, one Raytheon Voltage Regulator Tube or one CX 374 Voltage Regulator, and two CX 371 power tubes. **\$34.95** **\$45.95**



### S-N 660-210 Unipac

No. 1565. Uses two 210 super-power tubes in push pull, one 216B rectifier and one CX374 voltage regulator. The most powerful power pack ever developed for radio amplification. List, \$83.25, without tubes.

YOUR PRICE

**\$48.95**

### S-M666

No. 1564. 660-210 Unipac completely assembled and wired ready for operation. Super-power amplifier. List, \$93.25, without tubes.

YOUR PRICE

**\$54.85**

## Silver-Marshall Unipacs

### Power Amplifier and "B" Eliminator

Newly designed super-power amplifiers. Push pull amplification with the 210 and 171 tubes. Furnishes complete "ABC" supply for the power tubes and "B" supply for any receiver.

### Great Power—Wonderful Tone

Powerizes and modernizes any radio receiver. Splendidly adapted as phonograph amplifier for use with the electrical pick-ups. Amplifies naturally and with enormous volume. No change is necessary in the wiring. Can be instantly installed. Voltage regulator tube maintains constant voltage output regardless of load or line variation. Complete assembly with metal base and attractive crackle finished metal case. Easily assembled and quickly wired. Anyone can build a Unipac Kit in an hour's time. Full instructions.

### S-M 660-171 Unipac

No. 1561. 171 power pack. Uses two 171 power tubes in push pull, one Raytheon BH tube and one CX374 voltage regulator. The limit of power amplification obtainable with 171 tubes. List, \$64.00, without tubes. YOUR PRICE

**\$37.60**

### S-M 667 Unipac

No. 1567. Completely wired 660-171 Unipac. Ready for operation. List, \$74.00, without tubes. YOUR PRICE

**\$43.50**

## POWERIZERS

### Power Amplifier and Eliminator

#### Model PXY1

New improved power amplifier. Power amplification for perfection of reproduction. Wonderful tone quality. Can be attached to any receiver for an added stage of power amplification. Uses the 210 superpower tube and the new CX380 rectifier. Furnishes complete ABC power to power tube and B and C power to the radio set. Filament winding will also supply A current to sets using new A.C. tubes.

No. 8090. List, \$80.00, without tubes. YOUR PRICE

**\$36.00**

#### Model PX2

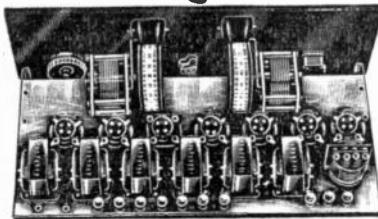
Complete two-stage power amplifier. Will replace any audio system for greatly improved tone quality. Ideal for use with electrical or magnetic pickups for phonograph amplification. Uses the new A.C. amplifier CX388 and the superpower amplifier 210, also new rectifier CX380.

No. 8091. List, \$75.00, without tubes. YOUR PRICE

**\$45.00**



## Thompson Super 7



New, powerful, seven-tube super-heterodyne. Marvellous results. Selective, powerful and sensitive. Wonderful tone quality with the new Halldorson overtone transformers. Equal to many ten or twelve-tube receivers.

#### LIST OF PARTS

1 SM 340 midgeet condenser, 6 SM sockets, 2 SM drum dials, 1 pair SM brackets, 1 Carter filament switch, 2 Carter imp jacks, 1 Carter 2 ohm resistance, 1 Carter 3 ohm resistance, 1 Carter 30 ohm rheostat, 1 Tube .005 condenser, 1 Tube 1 mfd. condenser, 1 Tube .002 condenser, 1 Tube .0025 condenser, 1 Tube .001 condenser, 2 Halldorson No. 540 transformers, 1 Halldorson No. 641 filter, 2 Halldorson overtone audio transformers, 1 Halldorson overtone output transformer, 1 7x21 drilled and engraved panel, 1 9x20 sub panel drilled, 1 Lynch 3 meg. grid leak, 1 Lynch resistor mounting, 2 Camfield .0005 condensers, 10 XL binding posts, 1 Ellis oscillator coupler, 1 Benjamin cushion socket, bus bar wire, screws, logs, diagram.

No. 8870. Total List \$79.70.

YOUR PRICE

**\$47.80**

No. 1180. No. 2 Ellis Antenna Coupler, for use instead of loop. List \$3.00. NET

**\$1.95**

# Latest Radio Books and Diagrams

## Radio News Superheterodyne Book



No. 4301. The interesting Super-Heterodyne theory is fully described in a manner clearly understood by the average layman. It is easier to build and operate a receiver when the principles of the circuit

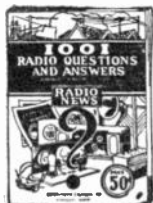
are clearly understood. Constructional details and diagrams clearly given. 48 interesting illustrated pages.  
List, 50c. **YOUR PRICE 32c**

## Radio Log and Call Book

No. 4302. Keep a log of the stations you hear. Contains 48 pages of all American and foreign stations, listed by call letters, location and wave lengths. Space for logging all stations. Contains constructional data and operating and installation instructions.

**YOUR PRICE 19c**

## 1001 Questions Answered



No. 4303. Every known hook-up and circuit is described in detail in this recently published book. Recent circuits and developments are fully covered. Clearly printed

diagrams and full details of each circuit described.  
List, 50c. **YOUR PRICE 32c**

## Latest Radio Review and Listener's Guide

No. 4304. A list of all radio broadcasting stations, completely revised and up to date. A review of all of the more important radio circuits and improved models. Contains valuable information and data. 200 pages, over 300 illustrations.

**YOUR PRICE 35c**

## How to Make a Neutrodyne

No. 4305. Constructional details of the most popular R. F. circuits, includes circuit diagram, panel layout and template. Complete data, details and instructions. A simple matter to build a Neutrodyne with this detailed guide.

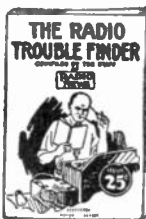
**List, 50c. YOUR PRICE 32c**

## 150 Radio Hook-Ups

No. 4306. One of the fastest sellers of all radio books. Gives diagrams, details and hook-ups of all efficient circuits. 56 pages illustrated.

**List, 25c. YOUR PRICE 17c**

## Radio Trouble Finder



No. 4307. It is easy to locate troubles with this handy book. Trouble shooting and repair offers source for big profits. This book will help you to make money. Covers every detail of modern receivers. Every dealer

and set owner should have a copy. 47 illustrated pages.  
List, 25c.

**YOUR PRICE 17c**

## Tips for Radio Amateur Constructors

No. 4308. Solves many constructional problems. Especially layout and design. Every set builder needs this book. 48 pages, of valuable information.

**List 25c. YOUR PRICE 17c**

## Radio News Amateurs' Hand Book



No. 4309. Latest publication of the amateurs' handbook. Previous issues gained great popularity with amateurs, fans and set builders. New issue is up to date and explains all of the

recent developments. A big seller and a handy book for the dealer and amateur. Diagrams, blue prints and information. 112 pages illustrated.

**List, 60c. YOUR PRICE 35c**

## Radio Encyclopedia

No. 4310. A complete radio reference. Not a dictionary — an encyclopedia covering every phase of radio transmission and reception and allied subjects. Authentic. Contains 549 photographs, drawings and diagrams. 168 pages describing all modern and old reliable circuits. Explains all radio apparatus. Anyone can understand it. Covers radio from A to Z. Finely bound. Beautiful gold stamped covers.

**List \$2.00. YOUR PRICE \$1.45**



## New Citizen's Radio Call Book

No. 4311. A complete list of radio stations with locations, wavelength, maps and log sheets. A complete review of new radio receivers and circuits with full details of each. List of parts and constructional data given as well as diagrams. This is the very latest issue of this popular publication. A big seller. Hundreds of pages.

**List, 50c. YOUR PRICE 35c**

## Television

No. 4312. All about the fascinating new science of television which magically transmits pictures and photographs by wire and radio. Up to the minute. Explains the new principles of television in a non-technical manner that any one can understand. Attracting world wide interest. You can sell hundreds of this brand new book.

**List, 50c. YOUR PRICE 32c**

## Neutrodyne and All About It

No. 4313. The famous Neutrodyne circuit is clearly described. Every bit of information that anyone can possibly want to know is given. Completely describes the Neutrodyne theory and hook-up in detail. 52 illustrated pages.

**List, 25c. YOUR PRICE 17c**

## Tuning Your Set

No. 4314. The tuning of some receivers is sometimes difficult to the average person to understand. This book explains the fundamental principles of tuning in radio receivers. Explanations are clear and easily understood. Entirely non-technical. Includes instructions on most circuits. 48 pages illustrated.

**List, 25c. YOUR PRICE 17c**

## How to Make a Wave Trap and Clarifier

No. 4315. Complete instructions and diagram explaining the construction of an efficient effective wave trap for reducing interference and separating broad tuning stations. A good wave trap will obliterate the background of interfering stations improving tone quality and removing a cause of distortion.

**List, 25c. YOUR PRICE 17c**

## Knight Tone Filter



New output tone filter. Improves tone quality. Protects loud speaker. Keeps direct current out of speaker windings. Permits the use of high voltage a and current with new power tubes. Recommended for all the new circuits. Large core.

Heavy windings. Beautifully finished enameled case. Knight quality. Lowest price, popular seller.

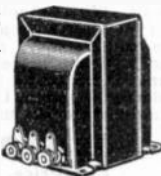
No. 3004. List \$5.00. **\$2.35**  
YOUR PRICE.....

Filter Choke Type 98. 30 Henry Choke for "B" Eliminator Filter. Will pass 85 mills. for Raytheon B. H. tube.

No. 3005. List, \$5.00. **\$2.30**  
YOUR PRICE.....

## Thordarson Autoformer

No. 2028. A form of impedance coupling that has gained great popularity. Three stages are required, but output is greater than two transformer stages and quality is better than ordinary transformer coupled amplifier. List, \$5.00. Single.



YOUR PRICE..... **\$2.94**  
Set of 3. YOUR PRICE..... **\$8.82**

## Thordarson 196 Choke

30 Henry Choke for "B" Eliminator filter circuits and as output filter with 4 mfd. condenser. Keeps direct current out of loud speaker windings. Improves tone quality.

No. 2029. List, \$5.00. **\$2.94**  
YOUR PRICE.....

## Amerchoke Type 854



Scientifically designed impedance for use in "B" eliminator filter circuits. High current carrying capacity. May be used in practically any type "B" eliminator. Also used for by-passing direct current from the loud speaker with a by-loud speaker of approx. 4 mfd. Protects tone quality.

pass condenser of approx. 4 mfd. Protects tone quality.

No. 2030. List Price, \$4.00 **\$3.80**

## Remler R.F. Choke

R. F. choke coils are specified for more and more circuits. Limits R. F. currents to circuits where intended. Prevents high frequency R. F. currents from entering A. F. section, causing distortion. For use in any radio frequency, superhet. or reflect circuit. Also for the bakelite case. Only 1 in. in diameter and 1 in. depth.



No. 2031. List Price, 90c. **54c**  
PRICE.....

## Muter R.F. Choke

A new choke used and specified in many circuits and kits for confining R. F. currents to their respective circuits. Prevents R. F. feedback through batteries and eliminators. Black moulded bakelite case. Single hole mounting.

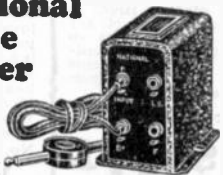
No. 2032. List, \$1.00. **60c**  
NET.....

## National Tone Filter

Improves tone quality. Keeps direct current out of loud speaker.

2 mfd. condensed built-in. 5-ft. cord and attractive crackle finished case.

No. 2033. List \$5.00. **\$4.80**  
YOUR PRICE.....



## Samson Impedance

New audio impedances for quality amplification. Helical wound for low distributed capacity. New Dual Impedances remarkable development, covers full range of audio frequencies.



No. 2034. Dual Impedance, Type D. List \$5.00.....NET **\$2.94**

No. 2035. Output Impedance, Type O. List \$5.00.....NET **2.94**

No. 2036. Grid Impedance, Type G. List \$4.50.....NET **2.60**

No. 2037.—Plate Impedance, Type P. List \$5.00.....NET **2.94**

No. 2038. Push-Pull Output Impedance, Type T. List \$5.00.....NET **2.94**

## Samson Chokes



Audio and radio frequency choke coils. Smooths out current in audio and radio frequency circuits. Reduces distortion and noise or "static" caused by rundown or noisy batteries. Keeps current in that part of the circuit where it is intended and prevents audio frequency oscillation.

No. 2039. Audio Choke, Type 8. List, \$3.25. NET **\$1.60**

No. 2040. R. F. Choke, Type 85. List, \$2.00. NET **1.30**

No. 2041. R. F. Choke, Type 125. List, \$2.25. NET **1.45**

No. 2042. R. F. Choke, Type 500. List, \$2.75. NET **1.75**

## All-American Trio Impedance

For use in the Rauland Trio Uses a Rauland Lyric Transformer in the first stage, Rauland Trio type R-300 impedance 2nd stage, and type R-310 in the 3rd and final stage. Full amplification is secured without sacrifice of efficiency. List Price, \$6.00. (EACH)



2043. R-300. YOUR PRICE **\$3.52**

2044. R-310. YOUR PRICE **\$3.52**

## Sprague Tone Control

An entirely new principle of tone and volume modulation. Gives tone flexibility to set and speaker and greater volume capacity to the speaker. Absorbs a share of static and tube noises insuring clearer and truer tone quality. Makes possible full benefits of the new power tube by matching its impedance to the speaker. No changes in set wiring are necessary. Rugged and moisture proof construction. Handsome bakelite case.



No. 2045. List Price, \$3.50 each. NET..... **\$2.10**

## Acme Z 2 Impedance

No. 2022. Amplifying Impedance, List, \$4.50. NET **\$2.55**

## Acme Z 3 Impedance

The Z 3 unit is a single stage amplifier unit consisting of a coupling unit and condenser with impedance leak. Used by replacing 1 stage of audio transformer in 2 stage amplifier. The Z 3 is just right for Hi-Mu tubes.

No. 2021. List, \$5.00. **\$2.94**  
NET.....

## Muter Clarifier

Tone Filter. Improves tone quality and volume. Protects loud speaker windings and permits high voltage from power tubes. Has binding posts and phone cord. Easily attached without changing wiring. Highly enameled metal container. Size, 4 in. high, 4 in. long, 2 1/2 in. wide.



No. 2023. List Price, \$5.00. **\$2.94**  
\$5.00. YOUR PRICE.....

## Amsco Orthophone



A new Output Filter. Connects between the last tube of rectifier amplifier and the loud speaker. Keeps heavy D.C. out of the windings. Reduces rattling, chattering and distortion. Connects without changing wiring.

No. 2024. List Price, \$5.00. **\$3.53**  
YOUR PRICE.....

## Na-Ald Truphone



Individual Na-ald dual impedance truphone couplers. Brackets included for mounting. Can be used with any set, kit or circuit. Quality amplification with power adaptability.

No. 2025. 1st stage coupler. No. 2026. 2nd or 3rd stage coupler. No. 2027. Output unit.

List each, \$5.00. NET..... **\$2.94**

ALL CASH DISCOUNTS ALREADY DEDUCTED



## Our Shielded Specials

Columbia transformers are of high quality, carefully made with large cores of silicon steel and large windings. Furnished in high and low ratio types. For greatest amplification without sacrifice of tone quality. These transformers are equal to the finest and are offered to you at a remarkable low price only because they are products of our own manufacture. They may be used in any circuit with splendid results. Unshielded sub-panel transformers are made to the same specifications for manufacturer's use.

### SHIELDED

List Price, \$4.50

2100  
2101  
2102

3 1/2 to 1  
6 to 1  
2 to 1

**98c**

### SUB-PANEL

List Price, \$3.00

2103  
2104  
2105

6 to 1  
3 to 1  
2 to 1

All Ratios

**90c**

## Silver Marshall Transformers

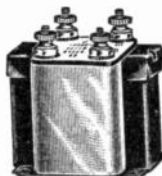
New high quality audio transformers used and specified in the latest kits and circuits. Highest efficiency. Wonderful quality.



- No. 1065. RM-220 Audio. List, \$8.00. NET. **\$4.70**
- No. 1064. RM-221 Output. List, \$7.50. NET. **4.41**
- No. 1056. RM-222 Output, with tip jacks and cord. List, \$8.00. NET. **4.70**
- No. 1054. RM-230 Push Pull Input. List, \$10.00. NET **5.88**
- No. 1053. RM-231 Push Pull Output. List, \$10.00. NET **5.88**

## Thordarson Transformers

Thordarson transformers are the standard for many manufacturers. They are excellent electrical instruments and the manufacturers stand behind them with years of experience.



Amplification without distortion.

- No. 2108. 3 1/2 to 1. List, \$4.00. **Your Price \$2.35**
- No. 2109. 6 to 1. List, \$4.50. **2.65**
- No. 2110. 2 to 1. List, \$5.00. **2.94**

## New Thordarson Push Pull



New large push pull transformers. Matches the R200 and auto-former. For full wave power amplification.

- No. 2111. List price per pair, \$16.00. **Your Price \$9.40**

## Ferranti Transformers

High amplification ratio with flat curve. Ferranti brings out the fundamental frequencies of low tones. Transformer step up efficiency with impedance and resistance tone quality. Consistent amplification over the full musical range. Two types. Type A.F. 3 for the best available transformer results ratio 3 1/2 to 1.



- No. 2112. A.F. 3. List Price, \$12.00. **Your Price \$7.06**
- No. 2113. Type A.F. 4, a transformer far superior to the average, ratio 3 1/2 to 1. List Price, \$8.50. **Your Price \$5.00**

## Dubilier Duratran

No. 2115. A self-tuned radio frequency transformer that does not require a tuning condenser. Highly recommended for reflex receivers.



- List Price, \$4.00. **Your Price \$2.35**

## Acme R. F. Transformer

The Acme R. F. Transformer is selftuned for radio frequency or reflex circuits. Especially for the Acme 4 and 5-tube receivers.



- List Price, \$3.00. **Your Price \$1.76**
- 2116. R-2, 1st stage. Net
- 2117. R-3, 2nd stage. Net
- 2118. R-4, 3rd stage. Net

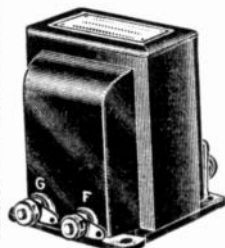
## Sterling Power Output Transformer



Protects loud speaker from high voltage used with power tubes. Should be used with all radio sets whether or not power tubes are in use. Improves tone quality. Can be instantly connected to any set. Need not be installed in set proper.

- No. 2106. List Price, \$5.00. **Your Price \$2.94**

## Thordarson R-200 Transformer



The latest product of the Thordarson Electric Mfg. Co. It is a large transformer with a heavy iron core. The ratio is low and the windings large. It has the flattest curve of any transformer that has been on test. Amplifies the lower musical scale as well as the higher portion with the overtones. Specified for many new circuits.

List Price, \$8.00

- 2107 **Your Price \$4.71**

## New Karas Audio

Highest quality audio transformers. Most recent development. Latest design. Clear undistorted amplification. Completely shielded. Easily mounted. Long lugs for ease of wiring, permits subpanel mounting. Completely impregnated. Unaffected by heat and moisture. Specified for the new equiamatic and many other new circuits.



- No. 1045. List, \$8.00. **Your Price \$4.71**

# Knight Transformers

## Audio

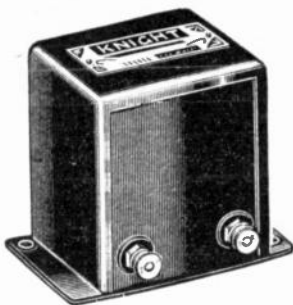
New, large, scientifically designed, high quality audio transformers. Perfect amplification—natural, quality reproduction over entire musical scale from the lowest bass to the highest treble notes. Highest grade, large, heavy core of finest silicon steel. Fast selling, modern transformers—the finest transformers ever designed for amplification.

No. 3001. Knight Audio K200. List, \$10.00. YOUR PRICE.....

**\$3.45**

No. 3002. Knight Output Transformer, designed to keep the direct current out of the loud speaker windings. List, \$6.00. YOUR PRICE....

**\$2.95**



## Push Pull

These new push-pull transformers make possible a quality of power amplification heretofore never reached. Will handle the output of successive stages of audio frequency amplification without distortion. Used with power tubes of the 112 or 171 type with from only 135 to 180 v., as great or greater power amplification may be secured than is obtained with the large power tube UX210 with over 400 v. Keeps the direct current out of the loud speaker, protecting it from excessive voltage.

No. 3003. Per Pair. List price, \$15.00. PRICE .....

**\$6.85**

## New Jefferson Concertone



No. 2015. List, \$6.00. NET .....

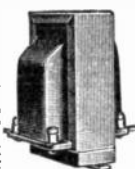
**\$3.53**

No. 2016. Jefferson Output Filter. Keeps the heavy D.C. out of speaker windings. Improves quality. List, \$6.00. NET .....

**\$3.53**

## Pacnet Superaudioformer

High quality audio amplifier for any audio circuit. Supplies an unusually high degree of equal amplification over the entire range of sound frequencies. May be used in power amplifiers with plate voltages even up to 450 volts. Input type for first, second or third stages and Output type for coupling loud speaker to the amplifier output keeping the direct current out of the speaker windings, protecting them from damage.



No. 2017. Superaudioformer, Input Type.

**\$4.41**

No. 2018. Superaudioformer, Output Type. List, each, \$7.50. NET..

## Amertran DeLuxe



Equal amplification over the full musical scale. Remarkable results are due to special alloy core material, providing high inductance needed for normal amplification of the fundamental bass notes. They are well made and designed to

give long, dependable service. Metal case and embedded in a solid compound sealing from climatic and moisture changes.

No. 2019. 1st stage. YOUR PRICE List, \$10.00 .....

**\$6.85**

No. 2020. 2nd stage. List, \$10.00 .....

## Acme Audio

No. 2010. Acme MA2 Transformer. New popular transformer for greater amplification without distortion. Gives practically equal amplification over the entire audio scale. High primary impedance. Ratio, 5 to 1. List, \$6.00. NET....

**\$3.53**

No. 2011. Acme A2 Audio Transformer. High efficiency for small size audio transformer. Low ratio. List, \$3.00. NET..

**\$1.76**



## Karas Harmonik

No. 1043. This is the famous all-ratio transformer. The first of its kind developed for better tone quality. Reproduces high and low notes equally well without distortion. Fully shielded. One of the highest grade transformers on the market.

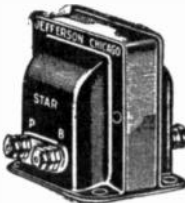


List Price, \$5.00. Your Price .....

**\$2.94**

## Jefferson Star

New Jefferson Star Transformer fully sealed in new, well finished metal case. Small. Compact. Nationally known for its electrical efficiency. A fine transformer with a comparatively flat curve. A splendid value.



No. 2013. 3-to-1.

**\$1.63**

List, \$2.75. NET.....

No. 2014. 6-to-1.

**\$1.77**

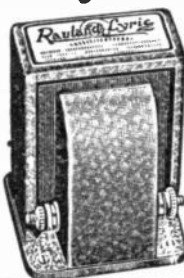
List, \$3.00. NET.....

## Rauland Lyric

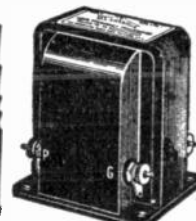
No. 2001. For music lovers. This transformer has been designed for perfect amplification. No portion of the musical scale is slighted.

**YOUR PRICE**

**\$5.29**



## All-American



All-American transformers are nationally known. They have been standard for years. Fully shielded and electrically perfect.

No. 2002. 3-to-1. List, \$4.50. YOUR PRICE

**\$2.65**

No. 2003. 3-to-1. List, \$4.50. YOUR PRICE

**2.65**

No. 2004. Push-Pull, per pair. List, \$10.00. YOUR PRICE

**5.88**

## Samson

Famous helical wound transformer. The coil is extra large and the core is heavy and of fine grade iron. This type transformer insures perfect amplification without distortion. The entire transformer is hermetically sealed.



No. 2005. 6-1. List, \$5.00. YOUR PRICE.....

**\$3.19**

No. 2006. 3-1. List, \$5.00. YOUR PRICE.....

**3.19**

No. 2007. Symphonica. List, \$10.00. YOUR PRICE....

**6.37**

No. 2008. Symphonica Push-Pull, per pair. List, \$19.50. YOUR PRICE.....

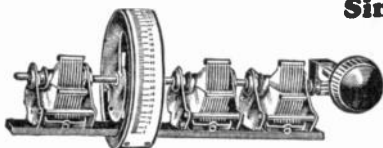
**\$12.52**

No. 2009. Push-Pull Input Type X. List, \$5.50. NET.....

**3.50**

# Variable Condensers

## TRIPLE CONDENSER DRUM ASSEMBLY Illuminated Drum for Single Control



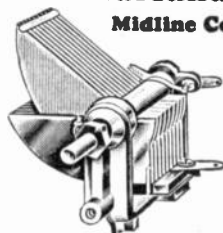
The latest most modern condenser development. Practical single control. Low loss efficient triple condenser. Modified S.L.F. Precision gear assembly. Vernier micrometric action. Translucent drum

scale illuminated from behind with miniature lamp. Anyone can assemble a single control set with this remarkable unit. Condensers accurately matched, need no trimmers. Capacity each section .00035. Recommended for use with our space wound inductance. Furnished with miniature lamp and attractive panel escutcheon plate.

No. 3089. List, \$15.00. **YOUR SPECIAL PRICE**

**\$4<sup>95</sup>**

## Hammarlund Type Midline Condensers



A scientific precision condenser. Specially shaped plates for easy tuning in low waves. Adjustable ball-bearing rotor shaft. Rugged, compact; can't warp. Removable shaft permits ganging.

No.	Cap.	List	Net
No. 3060.	.00035	\$5.00	\$3.00
No. 3061.	.00035	4.75	2.85
No. 3062.	.00025	4.50	2.70
No. 3063.	.0001	4.25	2.55

### MULTIPLE GANG MIDLINE TWO GANG

No.	Cap.*	List	Net
No. 3064.	.00025	\$7.00	\$4.20
No. 3065.	.00035	8.00	4.80
No. 3066.	.0005	8.50	5.10

### THREE GANG

No.	Plates	Cap.*	List	Net
No. 3067.	11	.00025	\$10.00	\$6.00
No. 3068.	17	.00035	12.00	7.20

\*Capacities given are for each unit.

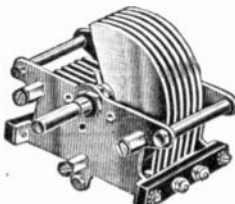
## Amsco Allocating S.L.F.



A straight line frequency condenser of unusual type. Constructed with the utmost care and precision. Aluminum frame, and soldered plates with flexible pig-tailed connection. Nationally advertised and specified in most circuits. A wonderful seller.

No.	Cap.	List	Net
No. 3069.	.0003	\$2.75	\$1.76
No. 3070.	.00035	3.00	1.95
No. 3071.	.0005	3.50	2.06
No. 3072.	.00035 Double Unit.		
List, \$6.00.	NET.....		3.53

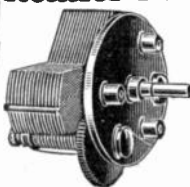
## Genuine Cardwell Taper Plate Series E



Modified S.F.L. characteristics secured with a semi-circular plate, varying in thickness. The plates are of extremely heavy gauge tapering in thickness. The condenser is so sturdy mechanically as to withstand the roughest usage. Its electrical efficiency is superior. Nationally known.

No.	Cap.	List	Your Price
No. 3073.	.00015	\$4.00	\$2.65
No. 3074.	.00025	4.25	2.75
No. 3075.	.00035	4.75	3.00
No. 3076.	.0005	5.00	3.70

## Remler Twin Rotor



Nationally known Remler. The most popular of the mail. Specified for the Intradyn, Nine in Line 6, World's Record Super, Remler Best and many others. 360° rotation for greater separation. Low loss. General.

No.	Cap.	List	Net
No. 3100.	.00035 S.L.W.		
No. 3101.	.0005 S.L.W.		
No. 3102.	.00014 S.L.F.		
No. 3103.	.00035 S.L.F.		
No. 3104.	.0005 S.L.F.		
List, each, \$5.00.			
YOUR PRICE.....			

## Remler Standard Dial

No.	List	Net
No. 3105.	\$1.00.	
YOUR PRICE.....		<b>59c</b>

## De Jur



Accurate matched variable condensers. Low minimum capacity. Hardened life time bearings. Furnished in single, double and triple units.

No.	Single Units	List	Net
No. 3077.	.00014	\$3.00	\$1.75
No. 3078.	.00025	3.00	1.75
No. 3079.	.00035	3.25	1.90
No. 3080.	.0005	3.50	2.05

## Double Condenser Units



No.	Double Units	List	Net
No. 3081.	.00035	\$6.50	\$3.80
No. 3082.	.0005	7.00	4.10
No.	Triple Units	List	Net
No. 3083.	.00035	\$ 9.75	\$5.60
No. 3084.	.0005	10.50	6.00

## Improved

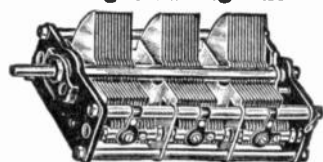
## Hammarlund Jr.



New midge condenser. Low loss. Carefully and accurately designed. Highest quality.

No.	MC	List	Net
3094.	MC 5-18 mfd.	\$1.50	\$0.88
3095.	MC 9-32 mfd.	1.50	.88
3096.	MC 11-50 mfd.	1.75	1.03
3097.	MC 15-65 mfd.	2.00	1.18

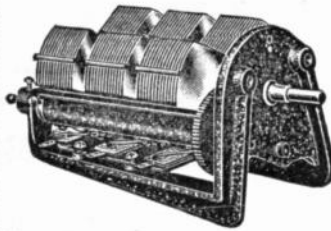
## Amsco S.T.L. Straight Tuning Line



Especially designed modified straight line frequency condenser which allocates stations on the dial in equal wave length divisions. Rugged construction. Perfect bearings, single hole mounting. Each section has a variable compensating condenser which may be adjusted to phase the entire radio frequency circuit. Shielded.

No.	Single Units	List	Net
No. 3085.	.00025	\$3.00	\$1.76
No. 3086.	.00035	3.25	1.95
No. 3087.	.0005	3.75	2.20
No.	Double Units	List	Net
No. 3088.	.00035	\$6.50	\$3.81
No. 3089.	.0005	7.50	4.41
No.	Triple Units	List	Net
No. 3090.	.00035	\$ 9.75	\$4.56
No. 3091.	.0005	11.25	7.60
No.	Quadruple Units	List	Net
No. 3092.	.00035	\$13.00	\$7.65
No. 3093.	.0005	15.00	8.82

## Remler Twin Rotor Condensers



New Remler single, double and triple condensers, 360° for greater separation. Welded corrugated plates. Double rotor. Genuine bakelite gears. Double and Triple units have balancing condensers. Mounted on die cast aluminum frame, crackle finished. Furnished in either S. L. F. and S. L. W. types. Without dials. Specified for all the latest kits and circuits.

No. 3100.	.00035 S.L.W.	} Single List \$5.00 Each	} YOUR PRICE	<b>\$2.94</b>
No. 3103.	.00035 S.L.F.			
No. 3101.	.0005 S.L.W.			
No. 3104.	.0005 S.L.F.			

### REMLER TWO IN LINE CONDENSER

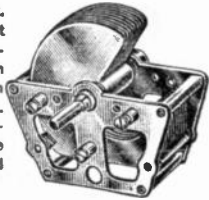
No. 3106.	.00035 S.L.W.	List, \$12.00.	YOUR PRICE	<b>\$7.05</b>
No. 3107.	.00035 S.L.F.	List, \$12.00.	YOUR PRICE	<b>\$7.05</b>

### REMLER THREE IN LINE CONDENSER

No. 3108.	.00035 S.L.W.	List, \$15.00.	YOUR PRICE	<b>\$8.82</b>
No. 3109.	.00035 S.L.F.	List, \$15.00.	YOUR PRICE	<b>\$8.82</b>

## Pearl S. L. B. Condenser

Straight line broadcast. An accurate instrument with low minimum, ruggedly constructed with ball bearings. Aluminum and brass construction. Milled stator plates. Single hole and three hole mount. Specially priced at lowest discount.

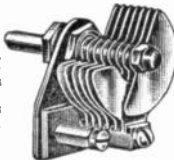


No.			NET
3110.	Cap. .00035.	List, \$3.50	<b>95c</b>
3111.	Cap. .0005.	List, \$4.00	
No. 3112. .00035, Two-Gang. List, \$6.50.			<b>\$1.95</b>

## Cardwell Balancet

### Midget Condenser

For use in balancing or phasing multiple condensers, neutralizing, controlling super-heterodyne regeneration and as a means for compensating antenna variation. Sturdy plates of heavy gauge brass, nickel plated. Hardened steel bearing. Single hole mounting.



No. 3123.	Cap. .000015.	List \$1.25.	} <b>80c</b>
No. 3124.	Cap. .000025.	List 1.25.	
No. 3125.	Cap. .000035.	List 1.25.	
No. 3126.	Cap. .000040.	List 1.50.	} <b>96c</b>
No. 3127.	Cap. .000050.	List 1.50.	

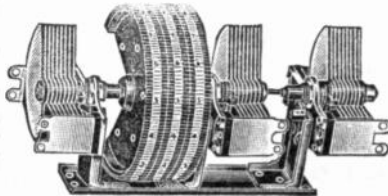
## Variable Condenser

No. 3113. All 3 units are evenly matched and balanced. Two compensators so that any unit can be adjusted to balance up any variation in any part of the circuit or coils used. Each condenser .00035 capacity. Furnished complete with 3 in. bakelite dial and bakelite knobs on adjusters. Straight line characteristics. Extends 6 1/4 in. back of panel, 5 in. wide, 3 in. high when plates are unmeshed .....

**\$8.40**



## NA-ALD Localized Control Units



Multiple Condenser units on a straight shaft. Speedometer type controls for convenient manipulation. Control can be placed flush with panel. Escutcheon plate included. Makes fine looking job. Straight line condensers of best quality used. Condenser units capacity .00035.

No.			NET
No. 3114.	Double cond.	List \$8.00.	NET..... <b>\$4.70</b>
No. 3115.	Triple cond.	List \$10.00.	NET..... <b>5.88</b>
No. 3116.	Quadruple cond.	List \$15.00.	NET..... <b>8.81</b>

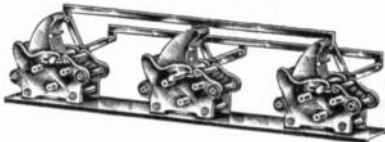
## TRIPLE CONDENSER—SINGLE CONTROL

Unique, efficient, reliable three-gang condenser. Three condensers operate in unison with remarkable new lever action coupling. Positive accurate synchronization. No belts or gears or friction drive. Cannot slip or get out of alignment. Reliable, accurate, matched condensers for positive single control. Condensers are modified S.L.F. for straight line separation. Adjustable bearings. Rugged construction. Electrically efficient. Easily installed with any kit or circuit. A remarkable value. Capacity, each section, .00035.

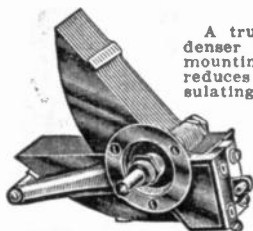
No. 3117.  
List \$12.00

YOUR  
PRICE

**\$5<sup>25</sup>**



## Pacent S. L. F.



A true S. L. F. condenser with one hole mounting. Small frame reduces absorption. Insulating material is isolantite, having high dielectric value. The plates are permanently aligned.

No. 3098.	Cap. .00035.	List, \$3.50.	NET	<b>\$2.00</b>
No. 3099.	Cap. .0005.	List, \$4.50.	NET	<b>2.63</b>

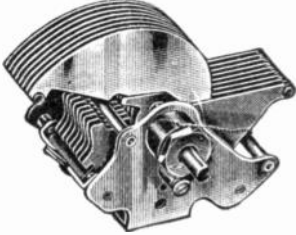
HAMILTON-CARR CORPORATION, CHICAGO, ILL.

World Radio History

# Variable Condensers

## Modified S. L. F. Condensers

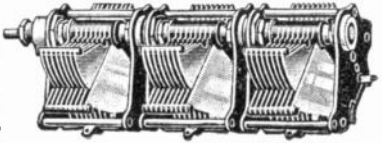
Latest scientific design. Equal broadcast separation. Rugged construction. Rotor and stator plates rigidly spaced. Adjustable rotor. Removable shaft permits ganging in double, triple or larger sections. New frame allows base, sub-panel or single-hole mounting. Brass construction. Life-time cone bearings. A tremendous value. Specially priced at one-half regular prices.



No. 3033.	5 in.	long for 2 gang.	10c
No. 3034.	8 in.	long for 3 gang.	15c
No. 3035.	10 1/2 in.	long for 4 gang.	20c

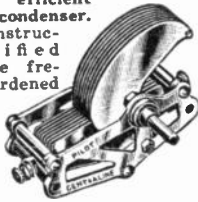
### Extra Shafts

		Retail List	NET
No. 3027.	Single .00035		90c
No. 3028.	Single .0005	\$3.00	
No. 3029.	Double .00035	\$6.00	\$1.95
No. 3030.	Double .0005		
No. 3031.	Triple .00035	\$9.00	\$2.90
No. 3032.	Triple .0005		



## Pilot Centraline Capacigrad

New small efficient variable condenser. Sturdy in construction. Modified straight line frequency. Hardened bearings. Shaft extends through rear end plate permitting the coupling of condensers in gangs with condenser adapter.



	LIST	YOUR PRICE
No. 3036. .00017.	\$1.90.	95c
No. 3037. .0003.	2.10	\$1.05
No. 3038. .00035.	2.30.	\$1.15
No. 3039. .0005.	2.50.	\$1.25
No. 3040. Coupling Unit or Adapter. for Ganging Condensers. List \$50.....		25c

## Benjamin S. L. F.

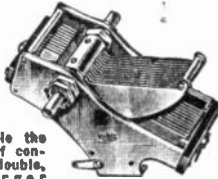
New straight line frequency small compact condenser. Ball bearing. Low loss. Brass dipped plates. Highly efficient.



No.	List	NET
3041. .00025	\$3.50	\$2.06
3042. .00035	3.75	\$2.20
3043. .0005	4.00	\$2.35

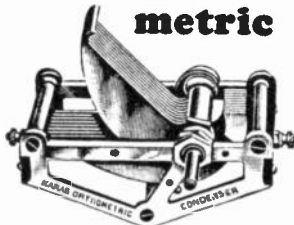
## New Karas S. L. F.

New straight line frequency condenser. Sub-panel, base-board or single hole mounting. Removable shaft feature makes possible the ganging up of condensers in double, triple or larger units. Scientifically designed plate separates stations equally over entire wave length range.



No.	List	YOUR PRICE
3044. .00025	\$5.00	\$2.96
3045. .00037	5.25	\$3.09
3046. .0005	5.50	\$3.23

## Karas Orthometric



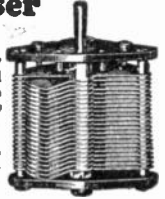
Straight line frequency condenser of high development. Ruggedly constructed. Brass plates. Laboratory instrument. Cap. .0014. 7 Plate.

No. 3047. List. \$6.50. NET.....	\$3.81
Cap. .00025.	
No. 3048. List. \$6.50. NET.....	\$3.81
Cap. .00037.	
No. 3049. List. \$6.75. NET.....	\$4.07
Cap. .0005.	
No. 3050. List. \$7.00. NET.....	\$4.12

## Bakelite End Condenser

A very sturdy heavy aluminum alloyed plate condenser, which is perfectly spaced to insure smooth, even, reliable capacity. End plates genuine bakelite. High grade workmanship throughout and a very unusual value. All condensers fitted with 1/4 in. shaft.

No. 3051. 11 plate. .00025.....	60c
No. 3052. 17 plate. .00035.....	70c
No. 3053. 21 plate. .0005.....	72c

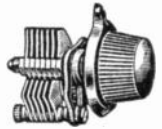


## Pilot Neutrograd

### Midget Condenser

Efficient neutralizing or balancing condenser. Adaptable as trimmer for phasing multiple condensers or as super regenerative control.

No. 3054. .000025	List	47c
No. 3055. .00005	\$1.00	



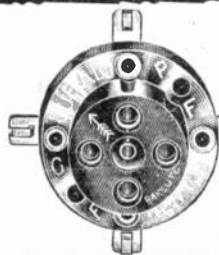
## Chelton Midget

Low loss midget condenser. Especially adapted for vernier control, balancing condenser, compensator or loop regeneration control for Superheterodyne, brass plates and aluminum end plates.



Panel Mount	
No. 3056. 9-plate .000035.	89c
No. 3057. 13-plate .000045.	
Base Mount	
No. 3058. 9-plate.	\$1.03

# Sockets That Sell



## Bakelite Special UX Socket

A small general purpose UX socket for use with all new tubes. Save space in wiring. Genuine bakelite with side wiping contacts. No socket noises—contacts are always firm. An exceptional offer for a high-priced socket. UX sockets are specified for all of the new circuits. Solder Points extended.

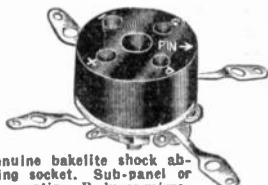
List Price 50c

Your Special Price

**14c**

No. 2201

## Bakelite Cushion



Genuine bakelite shock absorbing socket. Sub-panel or base mounting. Reduces microphone tube noises.

No. 2202. NET PRICE..

**18c**



## Tyrman Shielded Socket

Helps stabilize the radio circuit eliminating whistles, howls and microphone noises. The shields are of heavy aluminum stock. The insulating parts are of genuine moulded bakelite. Mounts with one screw.

No. 2203. List \$1.25. NET

**74c**

## Hoosick Universal Socket



A quality socket for UV or UX six-volt type tubes. Also for UX199 with adapter. Genuine bakelite. Phosphor bronze springs insure good contact. A genuine bargain.

No. 2204. List, 60c. YOUR PRICE.....

**22c**

No. 2205. 199 Socket. List, 40c. YOUR PRICE.....

**15c**

Benjamin Subpanel without base for direct subpanel mounting.

No. 2206. For 1/2 in. panel. List, 50c. YOUR PRICE.....

**30c**

No. 2207. For 3/4 in. panel. List, 50c. YOUR PRICE.....

**30c**

Five Prong Sub-panel Socket. No. 2208. For 1/2 in. or 3/4 in. panel. List, 90c. YOUR PRICE.....

**53c**



## Frost UX

Square compact UX socket for all UX tubes. Genuine moulded bakelite. Phosphor bronze spring contact.

No. 2215. List Price, 40c. YOUR PRICE

**24c**

## Frost Sub-Panel

No. 2217. List, 40c. YOUR PRICE.....

**24c**



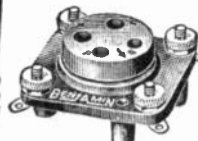
## Remler UX

The Remler socket is nationally known. It is compact and easily connected in any circuit. Moulded bakelite. Fits all UX tubes. Specified for many circuits.

No. 2209. List Price 50c. YOUR PRICE.....

**30c**

## Benjamin UX Cleartone



Spring cushion suspension reduces microphone tube noises. For all UX and UV base tubes. Specified in the new circuits. Nationally known and advertised. A big seller.

No. 2210. List Price, 75c. YOUR PRICE.....

**45c**

No. 2211. 201A. List, \$1.00. YOUR PRICE.....

**49c**

No. 2212. 199. List, \$1.00. YOUR PRICE.....

**49c**

No. 2213. 5 Prong Type X. For A.C. detector tube. List, \$1.20. NET

**77c**



## Amsco Floating

Small cushion type UX socket. An exceptional value. Genuine moulded bakelite. Shock absorbing.

No. 2214. List \$1.00. YOUR PRICE.....

**59c**

## New Eby Socket

May be mounted above or beneath sub-panel. Sub-panel wiring is possible either way. Three-point wiping spring contact full length of tube prongs. Beautifully moulded with new stippled finish. Top exactly the same size as tube base. Nationally advertised.



No. 2218. List price, 40c. YOUR PRICE.....

**24c**

## Bakelite UX Socket



Genuine molded bakelite socket. Positive wiping contacts. For sub-panel or baseboard mounting. Mounts to baseboard with single screw. A real value.

No. 2219. List price, 50c. YOUR PRICE.....

**17c**

## B.T. UX Cushion

The new B.T. rubber cushion socket protects tubes against jars. Tubes do not become microphone and howl. B.T. products nationally known for efficiency.



No. 2220. List price, 75c. YOUR PRICE.....

**44c**

## Pacent UX Cushion

Shock absorbing anti-capacity. Suspended on springs, prevents microphonics. Special construction reduces capacity between contacts. No losses. Perfect contacts. A big special.



No. 2221. List price, 65c. YOUR PRICE.....

**39c**

# Latest VERNIER DIALS

## Genuine Bakelite Vernier



A handsome efficient vernier dial that makes possible sharp easy tuning and close adjustment. Genuine molded bakelite with fine black satin finish. Friction drive. No gears, no back lash. Vernier ratio 10 to 1. Ample space for logging stations. 4 in. in diameter, dual calibration

0-100-0. Simple to install on any set. Pleasing in appearance with finely milled knob.

2222. Retail, \$1.00. **49c**  
YOUR PRICE .....

## New B. M. S. Diamond Vernier



Metal vernier dial. Smooth friction drive. Combines ease of tuning with decorative design. Beautiful antique finish. Dual reading — clockwise and counter clockwise. Simple to install on any radio set, improving its appearance and simplifying tuning.

2223. Retail \$1.00. **58c**  
NET .....

## Eby Shielded

Vernier dial for micrometric tuning. Friction drive. No back lash, no gears. Will operate any type condenser. Simple to mount. Beautifully molded bakelite. Has a complete metallic shield reducing the possibility of hand capacity. Hair line indicator. Dual reading 0-100-0.



2224. List \$2.50. YOUR **\$1.47**  
PRICE .....

## Bakelite Pointer Rheostat Knob

Genuine Bakelite finely finished small pointer knob for rheostat or oscillation control. The pointer is gold etched and the knob is finely tapered and milled. Improves set's appearance.



2225. Black ..... **15c**  
2226. Walnut ..... **17c**

## Rheostat Knob

Genuine molded Bakelite rheostat knob with etched arrow pointer. Finely finished and polished. Finishes off the appearance of any panel.



2227. Black ..... **12c**  
2228. Walnut ..... **12c**

## Kurz-Kasch Vernier Dial

THE Kurz-Kasch Dials have well earned the name "Aristocrat of Dials." This new black, highly polished bakelite vernier dial is novel and beautiful in design. The vernier action is smooth and the reduction high, enabling extremely fine tuning. The popular friction method of reduction is employed, thus the movement is smooth without play or back lash. Popular, beautiful and efficient. Easily mounted to any set.

No. 2229 200 to 0.  
No. 2230 0 to 200. List Price **\$2.00**  
No. 2231 100-0-100.

YOUR PRICE **\$1.18**  
\$1.20 Less 2%



## B. M. S. Vernier Dial



Bakelite moulded. The dial has readings through the window. Logging space is provided in two additional windows. Fine adjustment. Dual reading. Furnished with socket for illuminating bulb. List Price \$1.50. YOUR PRICE...

2232. 0-100-0 Black. **88c**  
2233. 0-100-0 Mahogany.

## Pilot Art Dial

New Deluxe model moulded bakelite art dial. Beautiful in appearance and design. Will enhance the appearance of any radio set panel. Has velvet vernier friction drive which has no back lash and does not slip. Sturdy and substantial it will easily carry and control ganged condensers of two and three sections. Simple to mount on any panel. Dual reading for clockwise or counter clockwise condensers.



2234. List 95c. **55c**  
Net .....

## Etched Dial Plate

2235. For use with pointer knobs. Finely etched brass plate with accurate, sharp graduations. Easily mounted on any panel. Especially recommended for use with the Bakelite pointer knob. Improves the appearance of set. Aids tuning by its sharp, easily read scale.



**30c**

## Pilot Vernier Drum



New drum dials attractive in appearance. Provide high and low ratio vernier action for fine tuning. Easy to attach with any condensers. Smooth action, no back lash. Condensers can be mounted on both sides of drum. Furnished with beautiful escutcheon plate.

2236. Single Drum. List, \$3.75. YOUR PRICE ... **\$2.20**  
2237. Double Drum. List, \$7.00. YOUR PRICE... **4.10**

## Karas Micrometric

A fine vernier, 63 to 1 ratio. Genuine black bakelite. Gold inlay markings. No back lash. Will not wear out. A fine tuning control that is absolutely accurate. Calibrated in 200 divisions. Diameter, 4 1/4 in.



No. 2240. 0-100. **\$2.06**  
No. 2241. 100-0. List \$3.50  
YOUR PRICE .....

## B. M. S. Vernier Dial

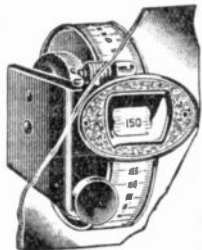
We are making a remark a big special offer of this high priced quality dial. This is a dial that you can sell in quantities and use as a real leader. Beautifully etched brass. Has 15 to 1 reduction. Simple to mount. No holes to drill. Replace the old dials on any set with this new vernier tuning dial. Our big special. Clockwise and counter clockwise.



2238. 0-100. **46c**  
2239. 100-0.  
YOUR PRICE.....

# Vernier and Drum Dials

## Remler Drum



A new popular condenser control. Will drive all standard makes of condensers, single or in gangs of 1, 2 or 3 spiral gear drive. No back lash. Mounts behind panel and is lighted from a small six volt lamp. Head-inks are clearly made through an embossed dial escutcheon plate which adds beauty to the panel. Positive and simple control. Only the knob protrudes through the panel with the escutcheon plate immediately above it. Ideal for use with Remler condensers of all types. Mounting template is included. Furnished in two styles from mounting condensers to right or left of drum.

No. 2242. Right hand mounting.  
No. 2243. Left hand mounting.  
List, \$4.50. **YOUR PRICE.....**

**\$2<sup>65</sup>**

## Tyrman Vernier Drums



No. 2244. Tyrman Double Drum Control. A new genuine molded bakelite dial with two beautiful silver etched drums. Adaptable for all popular condensers. Furnished with beautiful escutcheon plate of attractive design. List, \$10.00. **NET**

**\$5.88**

## Tyrman Single Drum

No. 2245. Identical to the double vernier drum except that it does not have the dual feature. Provides single control for ganged condensers. Furnished with beautiful figured escutcheon plate. List, \$5.00. **NET**

**\$2.94**

## Genuine Bakelite Dials



Genuine molded Bakelite. Beautifully finished tapered milled knob, just fits the fingers, deeply etched, enamelled calibrations accurately and sharply made. All dials matched. An extraordinary

and wonderful value at our special price. For 1/4 in. shaft. Has long set screw.

No. 2246. Black, 2 inch.....

No. 2247. Mahogany, 2 inch.....

No. 2248. Black, 3 inch.....

No. 2249. Mahogany, 3 inch.....

No. 2250. Black, 4 inch.....

No. 2251. Mahogany, 4 inch.....

**22c**

## Bakelite Pointer Knobs



Genuine Bakelite molded with pointer. Finely tapered and milled knob. Fits 1/4 in. shaft. Pointer gracefully tapered and gold etched. Exceptional value. 2 1/2 in. diameter with 1/2 in. pointer.

No. 2252. Black.....

No. 2253. Mahogany.....

**15c**

**17c**

## Hammarlund Drum

No. 2254. New drum dial specified for the latest III-Q kit and many new circuits. Vernier tuning. Simplified control. Beautiful design. Gives factory built appearance to any kit. Nationally popular. Furnished with attractive finely finished escutcheon plate. List, \$6.00. **NET**

**\$3.53**



## Bakelite Vernier Knob



posite page.  
List, 50c. **NET..... 25c**

No. 2255. Genuine bakelite finely milled, highly polished vernier knob. Provides ease of micrometric vernier control with sets having etched panels. Adaptable for use with the etched dial plate illustrated on the op-

## Replacement Bulbs

No. 2256. Tiny Mazda lamps for all types illuminated vernier and drum dials. Also for Pilot Lites and switches. Works off 6-volt battery.

**YOUR PRICE..... 15c**

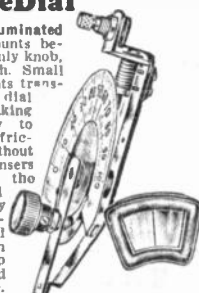
## Illuminated Vernier Dial

A finely made dial for mounting behind panel. Illuminates through translucent scale through an attractive panel window. Provision is made for mounting all single, double and triple standard types of condensers. May be used with any type kit. The condenser mounts right on the dial which in turn is mounted behind the panel with only the tuning knob, the window and the switch appearing on the panel. The switch controls the small six volt lamp which is furnished with the dial.

Friction drive. No gears, no back lash or play. The dial figures are large with fine degree calibration. Has finely milled attractive knob. A real value made to sell at a high price. A special offer. No. 2262. List price, \$2.00, including lamp.

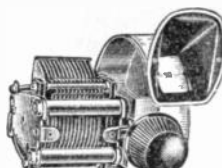
## Pilot-LiteDial

Electrically illuminated vernier dial. Mounts behind panel with only knob, protruding through. Small electric lamp lights translucent scale of dial and window, making the figures easy to read. High ratio friction drive without back lash. Condensers mount right on the dial. Universal for practically any type condenser. Furnished complete with miniature lamp and simplified drilling template.



No. 2257. List, \$1.75. **95c**  
**NET**

## Silver Marshall Drum



New 805 vernier drum dial furnished with attractive brass panel bezel or window. Simple to mount. Suitable for any type standard shaft condenser. Universal. Controlled by panel knob. May be illuminated. Furnished with lamp bracket. Attractive in appearance and very efficient.

No. 2258. List, \$3.00. **NET..... \$1.76**

## Marco Illuminated Dial

With exception of the small knob and window, the entire dial is mounted behind the panel. The calibrated scale is translucent. A small light is mounted behind scale, illuminating it through the window.

No. 2259. 0 to 100.  
No. 2260. 100 to 0.  
No. 2261. Marco 360° illuminated. For Remler Condensers. List Price, \$3.50.

**YOUR PRICE..... \$2.05**



**89c**

## Slotted Tuner

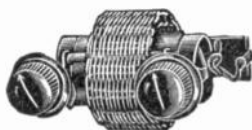


Three circuit tuner wound on skeleton form. Measures only 2 1/2 in. long by 2 3/4 in. in diameter. May be installed at great saving of space. Highly efficient. Lowest losses. Tuned with .0005 condenser. No. 2263. NET ..... **97c**

## Slotted R. F. Coil

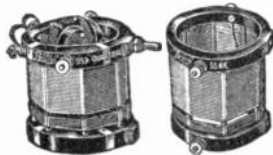
Radio frequency or antenna coil wound on skeleton form to match the baby slotted tuner. Highly efficient. May be used in the popular circuits with the tuner where single stage of T.R.F. and regenerative detector is specified. Tuned with .0005 condenser. No. 2264. NET..... **59c**

## Transcontinental Duotrol



A new, compact, efficient, low loss, three circuit tuner. Self-supporting silk wound windings, basket weave air core. Lowest losses. Highest sensitivity. Has variable primary and variable tickler coil with two controls. This permits ease in controlling selectivity and sensitivity. Tuned with .0005 condenser. No. 2265. NET... **\$2.65**

## Bruno 99 Tuner and 99 Radio Frequency Coil



Specified for the "Diamond of the Air" and other popular kits. Colored silk wire wound on quartzite glass rods imbedded in bakelite frame. Highly efficient and recommended. The tuner may be used wherever 3-circuit tuner is specified. For use with .0005 condenser. 99 Tuner and R. F. Coupler perfectly matched.

No. 2282. 2 ft. 99 Tuner. List, \$5.40. **\$3.22**

No. 2283. 2 ft. 99 R. F. List, \$3.00. **\$1.75**

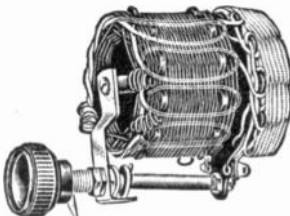
## Sickles Shielded Coils



Sickles efficient diamond-weave R.F. coil completely shielded in non-magnetic metal case. For use in any tuned radio frequency circuit. With these coils, a sensitive and selective circuit can be constructed easily and simply by the amateur set builder.

No. 2276. List, \$2.00 each. **\$1.27**

## Baby Low Loss Three Circuit Tuner



Efficient basket weave three circuit tuner. Lowest distributed capacity. Highly efficient. An exceptionally sensitive and selective receiver can be constructed with this coil. Silk windings. Self-supporting. Air core mounting. No losses. Single hole construction. Tuned with .0005 condenser. No. 2269. NET..... **98c**

## Space Wound Solenoid Coil



Enamel on threaded bakelite tubing. Matched low loss. Very efficient. Selective. Used with .00035 condensers. May be used in units of three with three-gang, single-control condensers.

No. 2270. Per Set of 3. NET **\$1.10**

## Midget Solenoid Coils

Space-wound with enameled wire. Accurate and efficient with lowest losses. Small and compact in size. Wound on 1 1/4-in. formalite tubing. Furnished with mounting brackets. Matched and may be used with triple-condenser for single-control. Tuned with .00035 condenser. No. 2271. Set of 3. NET... **95c**

## Uncle Sam Low-Loss Tuners

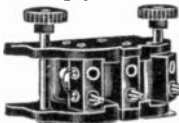


Three-circuit tuner, very selective. Windings red, white and green silk. Distance stations sharply tuned. Our special price offer on this low-loss tuner.

No. 2277. Used with .0005 condenser. .... **90c**

No. 2278. Antenna coil used in some circuits with above tuner ..... **45c**

## De Forest Licensed Coil Mounting



Bakelite moulded. For honeycomb coils, long and short wave work. Popular with amateurs and short wave fans.

List Price  
No. 2279. 3-Coil Mounting.....\$5.00  
No. 2280. 2-Coil Mounting..... 3.50  
No. 2281. Inside Coil Mounting. 6.00

**YOUR PRICE** **\$1.40**

## Sickles Diamond Weave Coils

Highly efficient coils, practically self-supported. Sickles coils specified for Aristocrat and other circuits.



No. 2273. Aristocrat Coils. List, \$8.00. NET..... **\$5.30**  
No. 2274. Roberts Coils. List, \$8.00. NET..... **\$5.30**  
No. 2275. Browning-Drake Coils. List, \$7.50. NET..... **\$4.95**

## Space Wound Plug in Coils



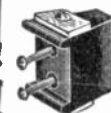
A new, revolutionary design in tuning inductances. Space-wound on threaded bakelite tubing with bakelite base with prongs that fit in any UX tube socket. Enables anyone to construct efficient, compact, neat appearing set to manufacturers' standard. The wiring is made to any UX socket terminals—only necessary to plug in the coils. Combines neatness, appearance, high efficiency and simplicity. Tuned with .00035 condenser. Furnished in matched sets of three. No. 2272. Y O U R PRICE, **\$1.58**

## Birnbach Bakelite Tuner

A three circuit tuner wound on bakelite for use with .0005 condenser. 200 to 550 meters.

No. 2265. List, \$2.00. **\$1.20**  
No. 2267. Bakelite R. F. Coil to match. NET... **75c**

## Honeycomb Coil Plug



No. 2398. Genuine bakelite plug for mounting honeycomb coils on base or panel. Will fit all standard mountings. **YOUR PRICE** ..... **25c**

## Fibre Coil Strap

For use with above plug for mounting unmounted honeycomb coils.

No. 2399. 2 ft. length. **8c**

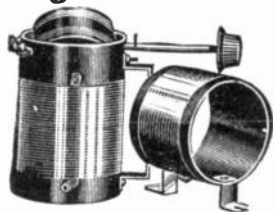
## Honeycomb Coils



Columbia honeycomb coils nationally known. Fit standard mountings. Moulded bakelite. Low distributed capacity.

No.	Price, Un-mounted	No. of Turns	No. Mounted	Price
2284.	\$0.26	25	2293.	\$0.68
2285.	.29	35	2294.	.70
2286.	.31	50	2295.	.72
2287.	.35	75	2296.	.75
2288.	.40	100	2297.	.79
2289.	.42	150	2298.	.81
2290.	.80	1,000	2299.	1.25
2291.	1.33	1,250	2300.	1.80
2292.	1.55	1,500	2301.	1.90
				Wavelength range—14,500-26,500

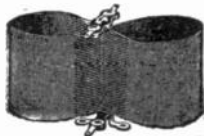
## Space Wound Brown- ing-Drake Coils



No. 2302. New, improved tuner and antenna coil adaptable to the Brown-ing-Drake circuit. Space wound with enameled wire on threaded bakelite tubing. Fur-nished with brackets for base or sub panel or mounting on variable condenser. Antenna coil tunes with .00035 condenser. Regen-erative tuner with tickler and long shaft with knob tuned with .00035 condenser. Highest quality inductances. Efficient and accurate.

List, \$5.50. NET..... **\$3.35**

## Bodine Twin Coils



A new remark-able confined field coil which will increase the efficiency of any tuned R. F. circuit. Reduces possibi-  
lity of interstage coupling and pick-up. Simple to control oscillation. High step-up coupling makes the circuit more sensitive to weak distant signals. Specified for many of the latest kits. May be used for multi stages of tuned radio frequency. Buy a set of three.

No. 2303. Type T 35 tunes with .00035 condenser. List \$6.00.

**YOUR PRICE per set of three \$3.75**

## Space Wound Tuner



No. 2304. Latest de-sign three circuit tuner. Small and compact. Space windings machine threaded. Highest efficiency, greatest induc-tance. List \$2.50. NET...

**\$1.10**

## Space Wound R.F. Coil

No. 2306. Accurately matches the space wound three circuit tuner. May be used in connection with it in circuits specifying single stage R. F. and re-generative detector. Space wound with enameled wire. Small and compact.

List \$1.50. NET..... **65c**

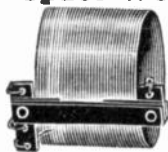
## Short Wave Tuner

No. 2305. Low loss three circuit tuner. Ideally suited for short wave kits. Wave length from 37 to 150 meters. Tuned with .0005 condenser. Compact in size. Lowest losses. High efficiency. Single hole mounting.

NET..... **\$1.09**

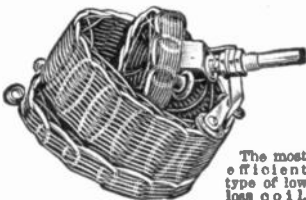
No. 2307. 180° variometer. NET. 99c  
No. 2308. 180° variocoupler. NET. 99c

## Space Wound Coils



No. 2309. New low loss, accurately matched coils. Wound on trans-parent celluloid tub-ing. Practically self-supported. Lowest dielectric losses. Low distributed capacity. Matched inductance permits use with ganged condensers for single con-trol. Tunes with .00035 condenser. Bake-lite brackets with lug ter-minals. List, set of 3, **\$1.15**  
\$3.00. NET.....

## Selecto Three Circuit Tuner



The most efficient type of low loss coil. Bureau of Standards specifies loose basket-weave windings as ideal coil form. This type winding has least losses. Self-supporting. No losses. Pigtalled. An exceptional offer. More than 50% dis-count on this fast seller.

No. 2311. List \$2.50. **99c**  
**YOUR SPECIAL PRICE.**

## Benjamin Lekless Coils



The latest prod-uct of the Benjamin Electric Co. These coils have a closed field, thus prevent-ing magnetio or inter-stage coupling. Practically self-sup-porting with losses reduced to a mini-mum. Close induc-tures tremendous amplification.

List Price, \$7.50 per set of 3.

No. 2310. Set of 3 matched coils for use with .00035 condenser.

**YOUR PRICE..... \$4.41**

## Basket Weave Coils



Low loss self-supported coils for radio frequency circuits. No dielectric losses. Minimized distributed capacity. Color coded primary and secondary. For use with .00035 condenser. Easily mounted.

No. 2312. Set of 3. **95c**  
**YOUR Special Price**

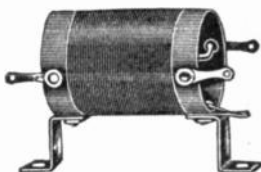
## Low Loss Solenoid Coils



Quality material. Not to be confused with many cheaper coils on the market. Carefully and accurately wound and matched. Low resistance. High induc-tance. Used in all standard R. F. cir-cuits. Tune with .00035 condensers. Low loss coils of this type make possible so-lid reception. Matched coils can be efficiently used with gang condensers for single con-trol. No. 2313.

Set of 3..... **\$2.35**

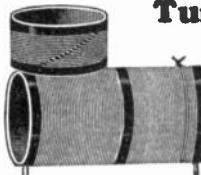
## Space Wound R.F. Coils



Accurate space wound tuned radio frequency coils. Wound with enameled wire on threaded bakelite tubing machine spaced. Accurately matched. Low loss. High efficiency. These new space wound coils are the standard of efficiency and comparison. May be used with multi-gang condensers for single control. Tuned with .00035 condensers. Extremely low price for high quality efficient induc-tances. May be used with any tuned radio frequency circuit. Sold singly and in matched sets of three.

No. 2314. Each, Retail, **40c**  
\$1.00. NET.....  
No. 2315. Set of 3, **\$1.20**  
Retail, \$3.00. NET.....

## Cockaday 4-Circuit Tuner



The Cock-day four-circuit tuner for all Cockaday receivers. Wound with double white cotton wire on fibre tubing. Com-plete parts for this circuit sold elsewhere in this catalog.

No. 2316. **\$1.95**  
PRICE.....

## Harkness Reflex and Counterflex Coils



Especially designed for the Harkness Reflex circuit. These are quality coils. Silk wound on genuine bakelite tubing. Easily mounted on con-densers.

No. 2317. List Price, per pair, \$2.00. **YOUR 98c**  
PRICE.....

Counterflex coils, as shown.  
No. 2318. List Price, per pair, \$4.00. **\$1.85**  
**YOUR PRICE.....**

## Shielded R. F. Coils



Space wound with enamel wire. Most efficient form of induc-tance. Each coil completely shielded in copper can which is sufficiently spaced from coil to prevent eddy current losses, interstage coupling and pick up. Coils may be mounted close together in any position. Cans crystallite finished with mounting legs. List, \$7.50.

No. 2319. Set of 3. **\$3.95**  
**YOUR PRICE.....**

# Aerovox Filter Condensers



## Aerovox Filter Blocks

Standard filter condenser blocks for the popular eliminator kit and power packs.

No. 1296. TYPE B220. For eliminators using the Raytheon "B" or similar gas filled 60 mfd. rectifying tube with a power transformer of no load output not exceeding 200 volts, each side of center tap. Consists of 15 mfd. tapped, common—2-2-8-1-1. List, \$10.00. NET...\$6.70

No. 1299. TYPE ABC 421. For ALC power supply using tubes of the Raytheon BA-350 MA type. Consists of 19 mfd. tapped, common 4-4-8-1-1-1. List, \$25.00. NET...\$14.60

No. 1297. TYPE BH 320. For eliminators using the Raytheon "B" or similar 60 or 85 mil. gas content rectifying tube with a power transformer of no load output not exceeding 300 volts, each side of center tap. Consists of 14 mfd. 1 tap p.d., common 2-2-8-1-1-1. Adaptable for Thordarson 171. Pack, List \$11.00. NET \$6.30

No. 1300. TYPE AM 600. For eliminators and power amplifiers having a power transformer of no load output not exceeding 540 volts, such as the Amertran P.F. 52. Consists of 10 mfd. tapped, common 2-4-4. List, \$15.00. NET...\$8.60

No. 1301. TYPE TH 642. R210 BLOCK. For the Thordarson R210 power compact and eliminators of similar type. Consists of 11 mfd. tapped, common 2-2-2-1-4. List, \$15.00. NET...\$8.60

## Aerovox Buffer Condensers



Type 446 consists of two .1 mfd. type 400 sections. For transformers with each half of the secondary delivering not more than 250 volts AC.

No. 1291. Type 446. List, \$1.50. NET

**84c**

### TYPE 1046

Consists of two .1 mfd. type 1000 sections. Can be used safely with any type eliminating transformer.

No. 1293. Type 1046. List, \$2.75. NET

**\$1.55**

### TYPE 646

Consists of two .1 mfd. type 600 sections. For transformers with each half of the secondary delivering not more than 375 volts AC.

No. 1295. Type 646. List \$2.00. NET

**\$1.10**

## Dubilier Micadon Type 601



Adopted by many of the leading set manufacturers and widely used by amateurs everywhere because of consistent, dependable accuracy. Best grade India sheet mica insulation and metal foil placed between pieces of genuine bakelite and sealed under pressure. Each condenser is individually tested and capacity marked.

No.	Cap.	Mfd.	List	NET
No. 4047.	.0001	30c		
No. 4048.	.00025	30c		<b>19c</b>
No. 4049.	.0005	30c		
No. 4050.	.001	35c		
No. 4051.	.002	35c		<b>22c</b>
No. 4052.	.0025	35c		
No. 4053.	.003	50c		
No. 4054.	.004	50c		<b>32c</b>
No. 4055.	.005	50c		
No. 4056.	.006	50c		

### Dubilier Grid Condenser

Accurate Mica fixed condenser with clip for grid leak mounting.

No. 4091. .00025 with clips

No. 4092. .0005 with clips

**24c**

### Aerovox Bakelite Molded Condensers

Genuine bakelite molded accurate condensers. Molded under terrific pressure. Accurate capacities, unaffected by heat or temperature changes. Moisture proof. Guaranteed accurate within 10%.



No.	Cap.	Mfd.	List	NET
No. 1333.	.0001	35c		
No. 1334.	.00015	35c		
No. 1335.	.00025	35c		<b>19c</b>
No. 1336.	.00025	35c		
No. 1337.	.0005	35c		
No. 1338.	.001	40c		
No. 1339.	.002	40c		<b>22c</b>
No. 1340.	.005	60c		
No. 1341.	.006	70c		<b>39c</b>
No. 1342.	.01	90c		<b>52c</b>

No.	Cap.	Mfd.	List	NET
No. 1343.	.0001	35c		
No. 1344.	.00025	35c		<b>22c</b>
No. 1345.	.0005	35c		

### X. L. Condenser



Small variable neutralizing and balancing condenser. Micrometer adjustment allows accurate capacity setting.

No. 1346. Model N Neutralizing.

List, \$1.00. NET

**59c**

**X. L. Grid Condenser**

No. 1347. (1) .00025 to .005 mfd.

No. 1348. (2) .00025 to .005 mfd.

No. 1349. (1) .0003 to .0001 mfd.

List, \$1.50 each. NET

**88c**

## Micamold Condenser

Moulded of genuine bakelite under pressure of 50 tons. This expensive moulding process makes possible a fixed condenser that will not warp, short or vary in capacity.



No.	Cap.	List	Price
4057	.0001	\$0.35	18c
4058	.00025	.35	18c
4059	.0005	.35	18c
4060	.001	.40	21c
4061	.002	.40	21c
4062	.0025	.50	24c
4063	.005	.60	32c
4064	.006	.70	39c

### Micamold Grid Condensers

4093	.00025	\$0.45	20c
4094	.0005	.45	20c

## Sangamo Condenser

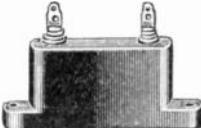
The nationally known moulded bakelite condenser unaffected by heat or moisture.

No.	Cap.	List	Price
4079	.00025	\$0.40	27c
4080	.0005	.40	27c
4081	.001	.50	32c
4082	.002	.50	32c
4083	.005	.70	45c
4084	.006	.85	55c

Grid Mtg. clips, List, 10c per pair. YOUR PRICE..... **7c**

## New Dubilier Molded

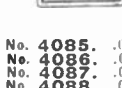
The new Dubilier molded condenser takes minimum panel space. Can be attached directly to metal sub-panel. Moisture proof. Accurate in capacity.



No.	Cap.	List	NET
No. 4065.	.00025	45c	26c
No. 4066.	.0005	45c	26c
No. 4067.	.001	50c	33c
No. 4068.	.002	50c	33c
No. 4069.	.0025	50c	33c
No. 4070.	.005	70c	46c
No. 4071.	.006	85c	57c

## Dubilier Micadons 700

New Dubilier Micadon for 1927. Completely enclosed in an aluminum case. Unaffected by moisture or temperature.



No.	Cap.	List	YOUR PRICE
No. 4085.	.00025	40c	26c
No. 4086.	.001	45c	
No. 4087.	.002	45c	<b>29c</b>
No. 4088.	.0025	45c	
No. 4089.	.005	65c	39c
No. 4090.	.006	80c	48c



## Aerovox By-Pass

For continuous duty at not to exceed 200 v. D.C. In general use as by-pass condensers and filters. Encased in short, easily mounted can.

No.	Cap.	Mfd.	List	NET
No. 1266.	.05	\$0.55	\$0.30	
No. 1267.	.01	.60	.34	
No. 1268.	.05	.70	.40	
No. 1269.	.1	.75	.43	
No. 1270.	1.	.90	.62	
No. 1271.	2.	1.75	1.00	

## SPRAGUE MIDGET CONDENSERS

High voltage midget condensers. Tested to 1500 volts. The efficiency of these new midget condensers is almost unbelievable. Half the usual size and a quarter the weight. Suitable for continuous operation at 1000 volts D.C. Easy to wire with new type pre-soldered lugs.

No.	Cap.	List	NET
1350.	.0001	35c	
1351.	.00025	35c	<b>20c</b>
1352.	.0005	35c	
1353.	.001	40c	
1354.	.002	40c	<b>23c</b>
1355.	.0025	40c	
1356.	.005	45c	
1357.	.006	45c	<b>27c</b>
1358.	.01	55c	
1359.	.02	75c	
1360.	.05	85c	
1361.	.1	1.00	<b>59c</b>



# TOBE FIXED BY PASS AND FILTER CONDENSERS

# TOBE

Accurate condensers for by pass, eliminator, filter and power amplifier work. Tobe condensers are accurately rated at their proper working voltages. Ratings are conservative. Long life. Specified in all the new popular circuits.

## Tobe Filter and By-Pass Condenser

Working voltage up to 300 volts. D.C. Accurate ratings. Perfectly and rigidly constructed, allowing little variation in rated capacity. Case of matt-finished aluminum; very compact and neat in appearance.

No.	Cap.	List Price	NET
1201.	.1	\$0.60	\$0.36
1202.	.25	.70	.42
1203.	.5	.75	.45
1204.	1	.90	.54
1205.	2	1.75	1.04
1206.	4	3.50	2.10

## Tobe 400 Line

Designed for continuous operation on 400 volts D.C. Suitable for "A," "B," and "C" Eliminators using Raytheon, Q.R.S. 85 mil. or 2 16B tubes. Short Path type. Very compact. Strong lugs for connections. Attractive silver finished case.

No.	Cap.	List Price	NET
1209.	1	\$2.00	\$1.18
1210.	2	2.75	1.65
1211.	4	4.50	2.65

## Tobe 600 Line

Operate continuously on 1,000 v. D.C. Stand high voltages of Amertran, Thordarson and other power packs. Silvered terminals arranged to permit compact bank wiring. Two larger sizes are 5 inches high, 5 1/2 inches wide, 1 1/4 and 3 inches deep.

No.	Cap.	List Price	NET
1213.	1	\$2.00	\$1.18
1214.	2	2.50	1.50
1215.	3	3.50	2.10
1216.	4	6.00	3.60

## Tinytobe Condensers

The smallest condensers made. So light that no other support than the bus wire to where they are attached is required. Case is 1/4 in. wide, 1 1/2 in. high, 1/4 in. thick in .0001 size. For constant operating voltage not over 500 v. D.C.

No.	Cap.	List Price	NET
1219.	.0001	\$0.35	\$0.21
1220.	.00025	.35	.22
1221.	.0005	.35	.23
1222.	.001	.40	.24
1223.	.002	.40	.26
1224.	.003	.40	.26
1225.	.004	.40	.26
1226.	.005	.45	.27
1227.	.006	.45	.28
1228.	.01	.55	.33
1229.	.02	.60	.48

## Tobe 765 "B" Block

For use with Raytheon or Q.R.S. 85 mil. and similar tubes where plate supply currents do not exceed 300 volts D.C. Contains one 8 mfd., two 2 mfd. and two 1.0 mfd. Easy connecting terminals at bottom of silvered metal case.

No. 1207. List, \$11.00. NET, EACH.....\$6.53



Tobe Interference Filter

Motors in the home such as are used on washing machines, oil burners, ice machines, sewing machines, etc., cause unpleasant interference with radio reception. This device makes possible the elimination of all such interference. Easily installed and a sure remedy. Simple installation instructions supplied. Here is a big sale opportunity.

No. 1212. List, \$15.00. NET.....\$8.82

## Tobe 210 and 171 Condenser Blocks

Designed especially for Thordarson 210 and 171 Amplifiers (see page 21). Terminals exactly match terminals on Thordarson Power Contacts. Have proper combination of filter and by-pass condensers.

No. 1217. Tobe No. 210. Capacity 2-2-0-1-4 mfd. List, \$13.00. NET.....\$7.65  
No. 1218. Tobe No. 171. Capacity 8-2-2-0-1-1 mfd. List, \$12.00. NET.....\$7.06



Veritas Resistors

Especially designed for B Eliminators, transmitting grid leaks and resistance audio amplification. Capable of radiating 4 to 5 watts continuously without change or deterioration. May be soldered directly into circuit or fits standard grid lead mounts.

No.	Resist.	List NET
1230.	2,000 ohms	\$1.10 65c
1231.	5,000 ohms	1.10 65c
1232.	7,500 ohms	1.10 65c
1233.	10,000 ohms	1.10 65c
1234.	50,000 (1/20 meg)	.90 54c
1235.	100,000 (1/10 meg)	.80 48c
1236.	250,000 (1/4 meg)	.75 45c
1237.	500,000 (1/2 meg)	.75 45c
1238.	1 megohm	.75 45c

## Dubilier Filter Condensers



Heavy duty filter condensers accurately rated.

TYPE 902 400 volts D.C. working voltage continuous duty. The popular eliminator condenser. In general use with Raytheon type eliminators.

No.	Cap.	List Price	NET
1239.	1 mfd.	\$2.50	\$1.47
1240.	2 mfd.	3.50	2.07
1241.	4 mfd.	5.50	3.30
1242.	6 mfd.	7.50	4.50

Rated 600 D.C. working voltage continuous duty. Recommended for use with power amplifiers and "B" supply where working voltages range from 400 to 600 volts direct current as with most 210 power packs.

No.	Cap.	List Price	NET
1243.	1 mfd.	\$3.00	\$1.79
1244.	2 mfd.	5.50	3.26
1245.	4 mfd.	9.50	5.66
1246.	6 mfd.	11.50	6.80

## Dubilier By Pass and Filter

The new Dubilier condensers with their special mounting feet. Occupy little space.

### TYPE 907

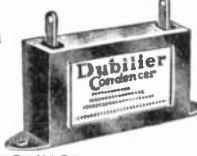
D.C. working voltage 160 volts. In general use as by-pass condensers and in impedance or resistance coupled amplifiers wherever low voltage is used.

No.	Cap.	List Price	NET
1249.	1 mfd.	\$0.80	\$0.47
1250.	.25 mfd.	.90	.53
1251.	.5 mfd.	1.00	.60
1252.	1 mfd.	1.50	.89
1253.	2 mfd.	2.00	1.19

### TYPE 908 FILTER CONDENSER

Same design as 907 described above. Rated at 400 volts D.C. working voltage. Tested filter condensers for use with "B" eliminators and power amplifiers where the voltage does not exceed 400 volts.

No.	Capacity	List Price	NET
1254.	1 mfd.	\$1.00	\$0.59
1255.	.25 mfd.	1.10	.65
1256.	.5 mfd.	1.25	.74
1257.	1 mfd.	2.00	1.19



## Aerovox Filter

Type 400—Rated at 400 volts D.C. working voltage continuous duty. Non-inductive. Correctly rated.

No.	Cap.	Std. Mfd.	NET
1272.	.1	\$0.55	
1273.	.25	.58	
1274.	.5	.60	
1275.	1	.70	
1276.	2	1.00	
1277.	4	3.00	
1278.	6	4.10	
1279.	8	6.20	
1280.	10	6.60	

## Aerovox Filter—Type 600

Rated at 600 volts D.C. for continuous duty. For high voltage "B" eliminators and power amplifiers. Ideal for use with 210 power packs. Non-inductive. Accurately rated. High insulation resistance.

No.	Cap.	Std. Mfd.	NET
1281.	.1	\$0.88	
1282.	.25	.75	
1283.	.5	1.00	
1284.	1	1.50	
1285.	2	2.85	
1286.	4	5.20	
1287.	6	6.70	
1288.	8	10.60	
1289.	10	11.95	

## Acme Parvot Condensers Series A. By Pass-Filter

Designed for operation on direct current circuits in which a maximum working voltage of 400 is used and on alternating circuits in which the maximum A.C. working voltage does not exceed 285. Acme by pass and filter condensers formerly marketed under the name "Sangamo."

No.	Cap.	Mfd.	NET
1321.	.25	\$0.55	
1322.	.5	.65	
1323.	1	.81	
1324.	2	1.45	
1325.	4	2.65	

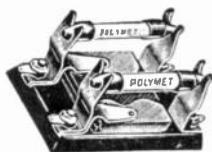
## Series B. Filter Condenser

High voltage filter condensers for use in power supply units and packs. Minimum D.C. working voltage 800. Formerly marketed under the name "Sangamo."

No.	Cap.	Mfd.	NET
1327.	.1	\$0.81	
1328.	.25	.97	
1329.	.5	1.28	
1330.	1	1.62	
1331.	2	2.26	
1332.	4	3.56	

# Resistances, Kits and Grid Leaks

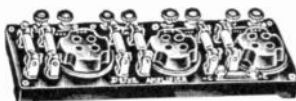
## Polymet 3-Stage Resistance Kit



A very efficient resistance amplifier can be constructed with the Polymet 3-stage kit. The kit includes all necessary mountings, condensers and resistors furnished in separate units. Very easily mounted on the sub-panel or base of any receiver. The full benefits are obtained with this kit. Hi-Mu tubes are recommended.

No. 3128. List Price, \$4.00. YOUR PRICE, **\$2.29**

## De Jur Wired Amplifier



A completely built resistance amplifier at a remarkably low price. Insures perfect tone quality. All of the advantages of the

new cone speakers are obtained. This assembled moulded bakelite 3-stage amplifier includes all resistances and condensers. No. 3129. List \$8.00. YOUR PRICE .....

**\$4.65**

## Bretwood Grid Leak



A variable grid leak of quality. Highly recommended. Vernier control and noiseless. 0 to 10 megohms. No. 3130. List, \$1.50. YOUR PRICE ..... **98c**

No. 3131. Bretwood De Luxe with Grid Condenser. List, \$1.75. YOUR PRICE.. **\$1.10**

## Mountford Plunger Leak



A variable grid leak that may be mounted between the clips of any standard grid condenser. No. 4004. List, 50c. YOUR PRICE ..... **24c**

## Eagle Plunger Leak



An efficient variable grid leak. Fits any standard grid leak mounting. 0 to 50 megohms. No. 4005. List, 75c. YOUR PRICE ..... **35c**



## Freshman Grid Leak

A nationally popular variable grid leak. 0 to 5 megohms.

No. 3132. Without condenser. YOUR PRICE..... **44c**  
No. 3133. With .00025 condenser. YOUR PRICE..... **56c**

## Resistance Mountings



No. 4006. Single mounting. Price..... **12c**  
No. 4007. Double mounting. Price..... **19c**



## Bradley-leak

The nationally known variable grid leak. Smooth in operation.  $\frac{1}{4}$  to 5 megohms.

No. 3134. Without condenser. List, \$1.85. NET. **\$1.20**  
No. 3135. With .00025 condenser. List Price, \$2.20. NET..... **1.44**

## Micamond Grid Leaks and Resistors



Bakelite grid leaks moulded under 50-ton pressure. Accurate and stay accurate. Not affected by moisture or temperature.

No.	Value	List	Net
4008	.1—List, 70c.		39c
4009	.25.....		45c
4010	.5.....		YOUR PRICE
4011	1.....		
4012	2.....		
4013	5.....		
4014	10.....		
4015	10.....		

**22c**

## Lynch Metallized Resistors

Metallized resistance sealed within glass tube. A constant electric conductor. Unaffected by temperature or moisture. Noiseless. Approved by leading authorities.

No.	Value	List	Net
4016	.5.....	50c	
4017	3.....		
4018	2.....		
4019	1.....		
4020	.5.....		
4021	.25.....		
4022	.1.....		
4023	.05.....	.75c	
4024	.025.....		
4025	.005.....	\$1.00	
4026	.002.....		

**30c**  
**45c**  
**60c**

## Lynch Single Resistor Mounting

No. 4027. Genuine bakelite base, heavy phosphor bronze nickel plated contacts. List, 35c. NET **23c**

## Lynch Double Resistor Mounting

No. 4028. List, 50c. NET **33c**

## Lynch Grid Suppressors

Special resistance units designed for use in tuned radio frequency circuits to suppress oscillation and improve reception without broadening tuning.

No.	Ohms	No.	Ohms
4029	100	4034	800
4030	200	4035	1000
4031	300	4036	1200
4032	500	4037	1500
4033	800	4038	1800

Complete with mounting. List Price, \$1.50. YOUR PRICE... **98c**

## Poly Resistors



For resistance coupled amplification. Very accurate.

Stock No.	Megohm	List Price	YOUR PRICE
4039	.1	50c.	27c
4040	.25	25c.	14c
4041	.5	25c.	14c
4042	1	25c.	14c

## De Jur Planofier Unit Resistance Coupled Kit

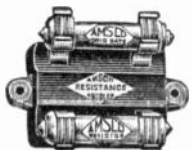


Consists of three resistance coupled molded bakelite base units with all necessary resistors and condensers. Three stages tested and matched for their consecutive stages. Simple to construct. An efficient three stage resistance coupled amplifier. Wiring diagram included.

No. 3136. List \$2.55. \$4.50. NET..... **\$2.55**

## Amsco Resistance Coupled Kits

The Amsco kit contains all of the necessary essentials for a 2 or 3 stage resistance amplifier, including mounting, rheostat, condensers and resistors. Easily wired. Amsco special sockets included.



No. 3137. List \$9.00. YOUR PRICE ..... **\$5.30**  
No. 3138. 2-Stage Kit. List \$6.50. .... **3.82**

## De Jur Mountings

Genuine moulded Bakelite base. Patented nickel phosphor bronze clips. Double mounting has a space provided for condenser.



No. 3139. Single Mounting. List Price, 25c. .... **15c**  
No. 3140. Double Mounting. List Price, 40c. .... **21c**

## Tubular Grid Leak



A glass enclosed, fully sealed grid leak. Accurate resistances. A quality product. Special price. List Price, 20c.

4043. 1 megohm ..... YOUR PRICE  
4044. 2 megohms ..... **10c**  
4045. 3 megohms .....  
4046. 5 megohms .....

## Carter Midget



Small, compact, very efficient. Metal body. List Price, 80c.

No. 3501. 2-ohm...  
No. 3502. 6-ohm...  
No. 3503. 10-ohm...  
No. 3504. 20-ohm...  
No. 3505. 25-ohm...  
No. 3506. 30-ohm...

YOUR PRICE **29c**

No. 3507. 400-ohm Potentiometer. LIST, 75c. NET..... **44c**

## Carter Midget With Filament Switch



Consists of standard metal frame Midget rheostat with filament switch springs attached.

No. 3507. 2-ohm...  
No. 3508. 3-ohm...  
No. 3509. 6-ohm...  
No. 3510. 10-ohm...  
No. 3511. 15-ohm...  
No. 3512. 20-ohm...  
No. 3513. 25-ohm...  
No. 3514. 30-ohm...  
No. 3515. 50-ohm...  
No. 3516. 75-ohm...

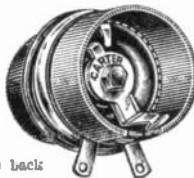
List, \$1.00

YOUR PRICE .. **59c**

No. 3517. Carter Midget Potentiometer with Filament Switch. 400-ohm. LIST, \$1.25. NET.... **74c**

## Carter Hi-Watt

A rheostat of exceptional heavy construction designed to meet the demand for a rheostat to carry 20 watts. Recommended for use with new A.O. tubes. 2 1/2 in. in diameter, projects back of panel 1 in.



No. 3528. 2-ohm...  
No. 3529. 8-ohm...  
No. 3530. 6-ohm...  
No. 3531. 100-ohm...  
No. 3532. 150-ohm...  
No. 3533. 250-ohm...

List Price, \$1.50

YOUR PRICE ..... **89c**

## Frost De Luxe Metal Rheostats

New heavy duty rheostats wound on genuine, flexible bakelite. Smooth in operation. Metal frame.



No. 3611. 2-ohm...  
No. 3612. 3-ohm...  
No. 3613. 6-ohm...  
No. 3614. 10-ohm...  
No. 3615. 15-ohm...  
No. 3616. 20-ohm...  
No. 3617. 25-ohm...  
No. 3618. 30-ohm...  
No. 3619. 50-ohm...

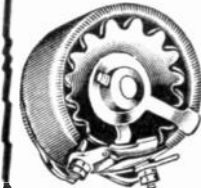
List, 75c.

NET **45c**

FROST DELUXE POTENTIOMETER. No. 3629. 400-ohm. List, \$1.00. NET..... **59c**

## Frost De Luxe Bakelite Rheostats

Genuine molded bakelite. Resistance wound on flexible bakelite strip. Smooth acting. Noiseless.



No. 3655. 2-ohm...  
No. 3656. 3-ohm...  
No. 3657. 6-ohm...  
No. 3658. 10-ohm...  
No. 3659. 15-ohm...  
No. 3660. 20-ohm...  
No. 3661. 25-ohm...  
No. 3662. 30-ohm...  
No. 3663. 50-ohm...

FROST BAKELITE POTENTIOMETER

No. 3664. 400-ohm. List, \$1.25 each. NET.....

## Our Metal Rheostat

Sturdy, accurate, heavy duty rheostat. Metal frame. Ruggedly constructed. Noiseless in operation. Complete, with knob.

No. 3571. 4-ohm...  
No. 3572. 6-ohm...  
No. 3573. 10-ohm...  
No. 3574. 20-ohm...  
No. 3575. 25-ohm...  
No. 3576. 30-ohm...  
No. 3577. 40-ohm...

List. **75c each**  
YOUR PRICE

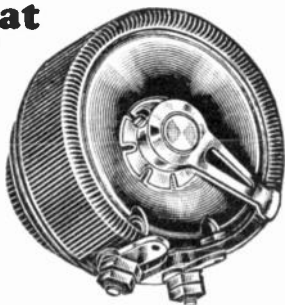
**27c**

## Metal Rheostat with Filament Switch

No. 3578. 4-ohm...  
No. 3579. 6-ohm...  
No. 3580. 10-ohm...  
No. 3581. 20-ohm...  
No. 3582. 25-ohm...  
No. 3583. 30-ohm...  
No. 3584. 40-ohm...

List, \$1.10 each  
YOUR PRICE

**42c**



## Carter Heavy Duty Midget

Of rugged construction, small, compact and thoroughly reliable. Will dissipate 6 watts and is exceptionally smooth operating.



No. 3585. 2 ohms.  
No. 3586. 3 ohms.  
No. 3587. 6 ohms.  
No. 3588. 10 ohms  
No. 3589. 15 ohms.  
No. 3590. 20 ohms.  
No. 3591. 25 ohms.  
No. 3592. 30 ohms.

List, each, 75c.  
YOUR PRICE

**44c**



THE SELF-ADJUSTING Rheostat

Automatic filament control. Dispenses with rheostats entirely. Furnished for all tubes. The fastest seller on the market and specified in all circuits. Complete mounting.

No. 3551. For 1199 tube, 4-volt.  
No. 3552. For 1199 tube, 6-volt.  
No. 3553. For 1120 tube, 4-volt.  
No. 3554. 1A. For 1201A or 200A tube  
No. 3555. 1 1/2. For 1120 or 171 or 2201A  
No. 3556. 3A. For 3201A tubes  
No. 3557. 5A. For 4201A tubes  
No. 3558. 6A. For 5201A tubes

List Price \$1.10

YOUR PRICE... **64c**

## Carter Hi-Ohm With Filament Switch

Consists of standard Hi-Ohm with filament switch attached.

No. 3599. 10,000 ohms.  
No. 3600. 50,000 ohms.  
No. 3601. 100,000 ohms.  
No. 3602. 200,000 ohms.  
No. 3603. 300,000 ohms.  
No. 3604. 500,000 ohms.

List, \$2.50.

YOUR PRICE

**\$1.47**

Carter Hi-Pot with Filament Switch. Identical to the Carter Hi-Pot, has filament switch attached.

No. 3605. 10,000 ohms. List price, \$2.75.  
No. 3606. 50,000 ohms. YOUR PRICE  
No. 3607. 100,000 ohms.  
No. 3608. 200,000 ohms.  
No. 3609. 300,000 ohms. **\$1.62**  
No. 3610. 500,000 ohms.



## Carter Hi-Pot Volume Control

Volume control or modulator. Potentiometer similar to the Hi-Ohm, with third terminal.



List Price \$2.25

YOUR PRICE

**\$1.32**

## Carter Hi-Ohm Volume Control

All metal frame, self-cooling. A non-inductive high resistance volume control. Has carbonized resistance element which is wire-wound for protection.

No. 3593. 10,000 ohms.  
No. 3594. 50,000 ohms.  
No. 3595. 100,000 ohms.  
No. 3596. 200,000 ohms.  
No. 3597. 300,000 ohms.  
No. 3598. 500,000 ohms.

List price,

**\$2.00 each**

YOUR PRICE

**\$1.18**

## Carter Imp Rheostat

Small, efficient rheostat. Smooth and noiseless in operation.

List Price, \$1.00.



No. 3605. 6-ohm. YOUR PRICE

No. 3606. 10-ohm.

No. 3607. 20-ohm.

No. 3608. 25-ohm.

No. 3609. 30-ohm.

**59c**

No. 3610. 400-ohm Potentiometer. List, \$1.25. NET..... **74c**

## C. R. L. Radiohm and Modulators



Variable non-inductive resistance for controlling oscillation in R. F. circuits. Full variation with single turn of knob. Positive contact. Noiseless.

No. 3694.	2,000 ohm max.	
No. 3695.	50,000 ohm max.	
No. 3696.	100,000 ohm max.	
No. 3697.	200,000 ohm max.	
No. 3698.	500,000 ohm max.	
List, \$2.00.		
NET.....		<b>\$1.18</b>
No. 3699. C.R.L.	400 ohm	
Potentiometer. List,		<b>\$1.20</b>
\$2.00. NET.....		
No. 3700. C.R.L.	2000 ohm.	
Potentiometer. List,		<b>\$1.20</b>
\$2.00. NET.....		

## C. R. L. Radiohm with Filament Switch

No. 3701.	0-200,000 ohms.	
No. 3702.	0-500,000 ohms.	
List, \$2.30.		
NET.....		<b>\$1.35</b>

## C. R. L. Modulator

Special 3-terminal variable resistance, volume control. Used in impedance, transformer or resistance coupled amplifiers.

No. 3703.	250,000 ohm max.	
No. 3704.	500,000 ohm max.	
List, \$2.00.		
NET.....		<b>\$1.18</b>
C. R. L. Switch Type Modulator with "A" Battery Switch.		
No. 3705.	250,000 ohms max.	
No. 3706.	500,000 ohms max.	
NET.....		<b>\$1.35</b>

## Carter Wire Wound Resistance Units



In general use replacing rheostats or for reducing voltage where 199 and 201A tubes are used in combination controlled by one rheostat.

No.		
4246.	4 ohm	List 15c
4247.	6 ohm	
4248.	8 ohm	<b>YOUR PRICE</b>
4249.	10 ohm	
4250.	20 ohm	
4251.	25 ohm	<b>10c</b>
4252.	40 ohm	
4253.	50 ohm	

## C. R. L. Heavy Duty Variable Resistor

A new unit that provides smooth, accurate voltage control for "B" eliminators. Full variation with single turn of the knob. Will dissipate up to 20 watts. 100,000 ohm for the detector. 50,000 ohm for intermediate and amplifier controls. Bakelite knob for single hole panel mounting.



No.	Ohms	List, \$2.00
3729.	10,000	NET
3730.	50,000	
3731.	100,000	<b>\$1.18</b>
3732.	500,000	

## Electrad Tonatrol

The new variable resistance volume control or modulator.



Non-inductive. High current capacity. No. 3707. Tonatrol standard volume control. List, \$1.50. NET..... **89c**  
No. 3708. Tonatrol type W. S. with filament switch. List, \$2.00. NET..... **\$1.20**

## Electrad Royalty Variable Resistance



Variable high resistance oscillation or volume control. Wire wound on genuine bakelite base. High current carrying capacity. Resistance remains constant at every point. No. 3709. Type J 0-200,000 ohms. List, \$1.50. **90c**  
No. 3710. Type L 0-500,000 ohms. List, \$1.50. **90c**



## PILOT RESISTOGRAD

A new non-inductive quiet variable resistor for use as voltage regulator with "B" eliminators. Oscillation control, volume control or modulator, regenerative control or as variable grid leak. Hermetically sealed in molded bakelite case assuring perfect insulation.

The range is from practically zero to 30 megohms. No. 3675. List, \$1.25. NET..... **68c**

## Elkay Equalizer



Automatic filament control. Controls any type of tube from 6-volt battery source. All for use with 6-volt battery. No. 3670. For 1 201A tube. No. 3671. For 3 201A tubes. No. 3672. For 1 112 tube. No. 3673. For 1 199 tube. No. 3674. For 2 199 tubes. List price, each, with mounting, 75c.

Your Price **45c**

## C. R. L. Modu-Plug



A volume control-phone plug combined. Can be substituted for any standard phone plug. Obtains better tone quality. Controls volume from whisper to maximum. Standard type is for sets with jacks. Cord type for sets without jacks but with speaker binding posts. Has 24 in. phone cord. The "easy chair" has 20 ft. of cord for remote control of volume. No. 3711. Standard Modu-plug. List, \$2.50. **\$1.48**  
No. 3712. Cord type Standard Modu-plug. List, \$2.50. **\$1.78**  
No. 3713. Easy Chair Modu-plug. List, \$3.00. **\$1.78**

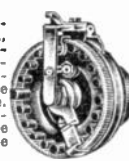
## Poly Claroplug



For improving loud speaker reception. Frocts loud speaker. List, \$1.50. **89c**  
No. 3714. Your Price

## Yaxley Rheostats

Air cooled bakelite rheostat, smooth, quiet action with an extremely close adjustment. Base is of bakelite. Has spring pigtail. Complete with bakelite knob.



No. 3641.	2-ohm	List, \$1.35.
No. 3642.	3-ohm	NET
No. 3643.	6-ohm	
No. 3644.	10-ohm	
No. 3645.	15-ohm	<b>80c</b>
No. 3646.	20-ohm	
No. 3647.	25-ohm	
No. 3648.	30-ohm	

## Yaxley Potentiometer

Air cooled potentiometer of the same construction as the Yaxley rheostat. No. 3649. 400-ohm. List, \$1.75. NET..... **\$1.03**

## Clarostat Universal

No. 3689. Carrying capacity, 20 watts. For standard "B" eliminators and used as oscillation and volume control. Range, 200-5,000,000 ohms. List, \$2.25. NET..... **\$1.43**

### Power Type

No. 3690. For heavy duty with voltage power packs and "A" power units using 350 or 400 mill. rectifiers. Carrying capacity, 40 watts. Range, 200 to 100,000 ohms. List, \$3.50. NET..... **\$2.23**



## Frost DeLuxe Variable Resistances

New bakelite cased variable high resistance. Positive roller contact. Smooth, noiseless. Oscillation or volume control.



No.	Ohms	
3715.	2,000	2 terminal List, \$1.75
3717.	10,000	NET
3718.	25,000	
3719.	50,000	<b>\$1.05</b>
3720.	100,000	
3721.	200,000	
	500,000	
No. 3722.	Ohms	3 terminal List, \$1.75
3723.	200,000	NET
	500,000	<b>\$1.05</b>

## Frost DeLuxe Variable Resistance with Switch



No.	Ohms	
3724.	50,000	2 terminal List, \$2.10
3725.	200,000	NET
3726.	500,000	<b>\$1.29</b>
No. 3727.	Ohms	3 terminal List, \$2.10
3728.	500,000	NET
		<b>\$1.29</b>

## Carter Heavy Duty Resistors



Used for reducing filament voltages and as stabilizers in grid circuits.

No.	Ohms	
4228.	1 ohm	
4229.	2 ohm	
4230.	4 ohm	List, 25c
4231.	6 ohm	
4232.	10 ohm	<b>16c</b>
4233.	20 ohm	
4234.	30 ohm	
4235.	50 ohm	
4236.	100 ohm	List, 30c
4237.	300 ohm	Your Price
4238.	500 ohm	<b>19c</b>
4239.	1,000 ohm	
4240.	10,000 ohm.	List, 50c
4241.	20,000 ohm.	List, 60c
NET.....		<b>32c</b>

## Tobe Tipon Resistors



No.	Resistance	
4242.	.1 meg.	Permanent resistor in vacuum. 45c
4243.	.25 meg.	NET
4244.	.5 meg.	30c
4245.	1 meg.	30c
4246.	2 meg.	30c
4247.	5 meg.	30c
4248.	10 meg.	30c
4249.	20 meg.	30c
4250.	50 meg.	30c

## Mountford Kroblak Resistance



Sturdy, dependable, with resistance units of rugged construction. Rated accurately. Built to stand up under all "B" eliminator conditions and with power packs and amplifiers when the proper wattage is used.

10 Watts Resistance	20 Watts
3737 750 ohms	3744
3738 1,000 ohms	3745
3739 2,000 ohms	3746
3740 3,000 ohms	3747
3741 5,000 ohms	3748
3742 10,000 ohms	3749
3743 12,000 ohms	3750
10-watt. List each,	59c
\$1.00. NET.....	
20-watt. List each,	89c
\$1.50. NET.....	
No. 3751, 10-watt.	
List, \$1.25. NET.....	74c
25,000 ohms.	
No. 3753, 20-watt.	
List, \$1.75. NET.....	\$1.00
50,000	
No. 3752, 10-watt.	
List, \$1.50. NET.....	89c
No. 3754, 20-watt.	
List, \$2.00. NET.....	\$1.18

## Kroblak Resistance Kits

Kit of resistance specified for the Thordarson 171 and 210 Power Compact.

No. 3755, Type M 210 for R 210 Power Compact. \$2.65  
List, \$4.50. NET.....

No. 3756, Type M171 for the R 171 Power Compact. \$1.18  
List, \$2.00. NET.....

## 171 TAPPED RESISTANCE



No. 3757, A single resistance unit for the Thordarson R 171 tapped at the proper resistance specified for this new power compact. Provides simple and efficient means of installing power resistors. Easy to mount. List, \$2.15.

NET ..... \$1.27

## Pilot Micrograd



New neutralizing condenser. Low capacity—adjustable—suitable for neutralizing adjustable by pass antenna series, grid or bridge balancing condenser. Genuine bakelite. Accurately adjustable by hand screw driver. Also for phasing or matching multiple condensers.

	List	YOUR PRICE
1309.....000006 to .00005	\$0.75	45c
1310.....000045 to .0005	.85	50c
1311.....00015 to .002	1.00	54c

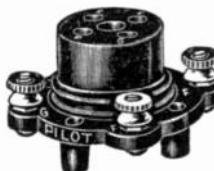
## Pacent Balcon



No. 1312, A balancing condenser especially designed for tuned R.F. circuits or where capacity balance is desired. Two nickel-plated electrodes enclosed in glass tube with split brass tubing to adjust capacity. Radion base.

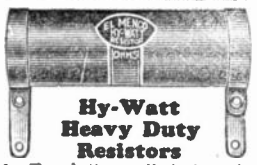
List, 40c. NET..... 26c

## Pilot Cushion Socket



No. 1313, Fine, bakelite molded shock proof UX socket. Prevents tube microphonies. One piece phosphor bronze spring contacts. List, 50c.

YOUR PRICE... 29c



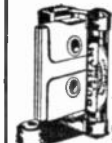
## Hy-Watt Heavy Duty Resistors

For battery eliminator circuits. Capable of withstanding high current loads without change. Non-inductive. Silver plated contacts eliminate all arcing. 12 watt capacity.

No.	List	NET
3758, 100	\$1.25	\$72c
3759, 500	1.25	
3760, 1,000	1.50	\$89c
3761, 2,000	1.50	
3762, 5,000	1.50	\$1.10
3763, 10,000	1.50	
3764, 25,000	1.50	
3765, 50,000	1.50	
No. 3766, 100,000		

ohms. List, \$2.00. NET.....

## Durham Grid Resistor



Made of molded insulation. Two holes for panel or baseboard mounting. Can be used for resistance coupling. Without condenser and without resistor.

No. 3767, Single Mounting. List, 50c. NET..... 30c

No. 3768, Single with Condenser Mounting. List, 65c. NET..... 39c

## Durham Metallized Resistors



A high resistance element scientifically perfected. Metallized glass core.

	Ohms	List Each,
4178,	500	\$1.00
4179,	750	NET,
4180,	1,000	65c
4181,	1,500	
4182,	2,000	
4183,	100,000	List Each,
4184,	150,000	75c
4185,	200,000	NET,
		49c
4186,	.25 meg.	List Each,
4187,	.5 meg.	50c
4188,	1. meg.	NET,
4189,	2. meg.	32c
4190,	2.5 meg.	
4191,	3. meg.	
4192,	5. meg.	

No. 1307, TYPE 992-BA. For A.B.C. Eliminator using Raytheon BA tube. "C" voltage for UX171 or UX112 power tube. 2,025 ohms—tapped 15,000 ohms. List, \$1.05. NET..... 67c

No. 1308, TYPE 996-QRS. For giving all the A.B.C. voltages for eliminator using QRS 400 mil. tube. Two No. 996 tubes with mounting bracket. 4,760 ohms—tapped 50-100-100-130-80-40, on one tube and 70-54-18-18-4,000 on the other. List \$5.00. NET..... \$2.70

## Aerovox Tapped Pyrohme Resistances



The Aerovox Tapped Pyrohme Resistances are made for all popular eliminator and power pack circuits. Consists of single resistor unit, tapped at the necessary resistance specified for the circuit.

No. 1302, TYPE 994-B. For Raytheon "B" or similar rectifying tube. 9,500 ohms—tapped 3,000-3,500-1,500-1,500. List, \$1.65. NET..... 90c

No. 1303, TYPE 974-171. For Thordarson type R171 Power compact or circuit, employing Raytheon BH 85 mil. tube. 13,000 ohms—tapped 2,000-3,000-3,000-2,000. List, \$1.80. NET..... 65c

No. 1304, TYPE 996-210. For Thordarson R210 power compact. 29,000 ohms—tapped 8,000-10,000-10,000-1,000. List, \$2.80. NET..... \$1.52

No. 1305, TYPE 996-AM. For Amertran eliminators and power amplifiers. 41,000 ohms—tapped 9,000-3,500-4,000-1,500-11,000-9,000. List, \$3.00. NET..... \$1.62

No. 1306, TYPE 996-BA. For Raytheon BA tube. Eliminates all variable resistances. 3,925 ohms—tapped 60-300-100-865-2,600. List, \$2.30. NET..... \$1.25

## Amperite Adapter

New item modernizes any old receiver. Dispenses with rheostats. Will automatically control the filament consumption of any receiver. Keeps tubes burning at the proper temperature.



Five tube sets without power tube require one 5A amperite or one 3A and one 112 amperite. Six tube sets drawing 1 1/2 amps, require two 3A amperites. Six tube sets with power tubes drawing 1 1/2 amps, require one 4A and one 3A amperite. Proper combination of amperites will accommodate any set up to ten tubes.

No. 1314, List, 70c, without Amperites. YOUR PRICE..... 42c

## Electrad Phasatrol

A remarkable new development for balancing or neutralizing radio frequency amplifiers. Very simple to install. Adaptable to all types of receivers and kits. A true balancing and neutralizing device. Popular with all new circuits. Simple to adjust and eliminates R.F. oscillation or distortion. Simplifies tuning and increases efficiency.



No. 1315, List Price, \$2.75. PRICE..... \$1.75

## BRUNO UNITUNE

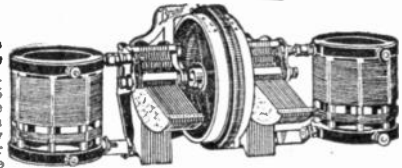
The basic unit is a double condenser consisting of two .0005 mfd. Bakelite shaft straight line frequency condensers mounted on an aluminum plate but entirely insulated. Adjustment by a pair of molded Bakelite drums. The two drums can be operated individually or can be locked loosely together by means of slip bolts so that the two condensers are never more than ten degrees different setting. No Vernier or compensating condensers of any sort are necessary. All models mount to the back of the panel by means of only two screws. An efficient localized control unit, which is beautiful in appearance.

No. 1316, Unitune 2 C. consists of 2 Bruno .0005 S. L. F. condensers mounted on aluminum frame with bronze panel plate and two drums with scale. Without coils..... \$6.40

No. 1317, Has one Bruno 3-circuit tuner and one R. F. coupler..... 12.00

No. 1318, Unitune B. D. consists of basic unit as shown, but the coils are specially wound for Browning Drake circuit..... 12.40

No. 1319, Frame, panel plate and drums only, without condensers. or other essentials..... 2.10



## Jewell Voltmeters Pattern 55

Same general construction as Pattern 53. Requires 2½ in. hole.  
No. 2046. 0 to 8 volts, 3-point switch. For three circuits in one.  
No. 2047. 0 to 7.5 volts to 150 volts. For filament control, panel mount. A and B circuit.  
List, \$10.00. **YOUR PRICE \$7.35**

## Jewell Combination Voltmeter Pattern No. 140



Similar to pattern No. 55, but only 2 in. in diameter. Over all size of flange, 2½ in. Double range readings, 0-7.5, 150 volts.  
No. 2048. List Price, \$9.50.  
**YOUR PRICE \$6.05**

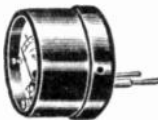
## Jewell Meters Pattern No. 135



Special small size rear mounting panel voltmeter. Diameter only 2 in. Narrow flange, over all diameter only 2½ in.

No. 2049. 0-8 volts.  
List Price, \$7.00. **YOUR PRICE \$4.46**  
No. 2050. 0-100 volts.  
List Price, \$7.50. **YOUR PRICE 4.78**  
No. 2081. 0-7.5-150 volts, Double Reading. List, \$8.50. **NET MILLIAMMETERS 5.40**  
No. 2051. 0-25 Milliamps.  
No. 2052. 0-50 Milliamps.  
List Price, \$7.00. **YOUR PRICE \$4.46**  
DOUBLE RANGE Voltmeter No. 135-B. Provided with double scale and push-button switch for high and low readings. 0-7.5 volts, 150 volts.  
No. 2053. List Price, \$9.00. **YOUR PRICE \$5.74**

## Jewell Pin Jack Meters Pattern No. 135-A



Voltmeter with pin jack for plugging into Radiola, Brunswick, Victor and other sets. Has zero adjuster. Adjustable pins allowed for variation in spacing of jacks. 0 to 5 volts.

No. 2054. List Price, \$7.50. **YOUR PRICE \$4.78**

## Jewell Meter Pattern No. 57

A popular portable meter for checking batteries and for use as a service meter for testing radio set circuits. Provided with dual range scale with 0-8-200 volt reading. A necessary instrument for laboratory work and general all around testing. Not a high resistance meter and cannot reasonably be used for testing "B" eliminator outputs. Accurate and reliable. Furnished with two leads with phone tip terminals.



No. 2055. List, \$12.50. **YOUR PRICE \$7.96**

## Jewell R. F. Galvanometer

A thermo coupled portable galvanometer having an internal radio frequency resistance of 2½ ohms and a full scale sensitivity calibrated to exactly 100 milliamperes. The instrument should be used only for high frequency measurements and then only where a condenser is in series with it. It is not recommended for commercial or audio frequencies. Furnished with zero adjustment.

No. 2056. List, \$18.50. **YOUR PRICE \$10.50**

## Jewell Meter Pattern No. 139 HIGH RESISTANCE VOLTMETER

A popular priced efficient high resistance meter for checking and adjusting "B" eliminator voltages. A high grade, accurate, reliable instrument. Scale range 0-300 volts D.C. Shows true output voltages of "B" eliminator which cannot be obtained from ordinary low resistance type meters.



No. 2057. List, \$12.00. **YOUR PRICE \$7.64**

## Jewell Meter Pattern No. 135C

A beautiful portable meter for the home, resembling a miniature metal clock. The case is of genuine bakelite. Furnished with two leads equipped with phone clips which may be plugged into Radiola, Victor or Brunswick sets. Also for checking batteries of any set. Range 0-7.5-150 volts.



No. 2059. List, \$10.00. **YOUR PRICE \$6.37**

## Flush Panel-Mounting Meters



Fine quality, high resistance, accurate meters. Mount flush on panel. Well finished with black enameled flange. Diameter, 2½ in. Overall dimensional value.

No. 2068. 0-8 volts. List, \$1.00. **YOUR PRICE 60c**  
No. 2069. 0-50 volts. List, \$1.00. **YOUR PRICE 60c**  
No. 2070. 0-150 volts. List, \$1.50. **YOUR PRICE 60c**  
No. 2071. 0 to 8-100. List, \$1.75. **YOUR PRICE \$1.05**  
No. 2072. 0-10 Milliamps. List, \$1.10. **YOUR PRICE 1.10**  
No. 2073. 0-50 Milliamps. List, \$1.00. **YOUR PRICE 60c**  
No. 2074. 0-100 Milliamps. List, \$1.00. **YOUR PRICE 60c**  
No. 2075. 0-400 Milliamps. List, \$1.00. **YOUR PRICE 60c**

## Sterling Panel Meter

Narrow rim type panel mounting voltmeters. Overall dimension only 2½ in. Diameter of body, 2 in. Silver etched dial.



No. 2063. 0-8 volts. List, \$3.00. **YOUR PRICE \$1.80**  
No. 2064. 0-150 volts. List, \$3.50. **YOUR PRICE \$2.23**  
Double range voltmeter with double reading and self-contained switch 0-7.5, 150 volts.  
No. 2065. List, \$5.00. **YOUR PRICE \$2.96**  
No. 2066. 0-50 milliamperes. List, \$3.50. **YOUR PRICE 2.00**

## Readrite High Resistance Voltmeter

For "B" eliminator testing. An accurate high resistance meter for service and laboratory use. Ordinary meters cannot be used for testing "B" eliminator voltages. The new Readrite high resistance meter consumes small amount of current even at full scale deflection and will accurately indicate "B" eliminator voltages up to 300 volts. Anyone can use this voltmeter for adjusting "B" eliminators to the proper voltage. Supplied with 30 in. cords.  
No. 2067. Range, 0-300 volts. List, \$5.00. **YOUR PRICE \$2.94**



## Jewell Meter Pattern No. 116

A popular laboratory type high resistance voltmeter for checking, testing and adjusting "B" eliminators. Special high resistance, 800 ohms per volt. Requires very little current to operate. Shows true output voltages of "B" eliminators. Double scale range. 0-50-250 volts. Extremely sensitive.  
No. 2058. List, \$25.00. **YOUR PRICE \$19.35**



## Jewell Panel Cutter

Special case hardened cutters for bakelite or wood panels. Quickly and easily cuts holes for mounting meters. Made in three sizes, 2 in., 2½ in. and 3 in.  
No. 2060. 2 in. panel cutter. List, \$1.00.  
No. 2061. 2½ in. panel cutter. List, \$1.25.  
No. 2062. 3 in. panel cutter. List, \$1.25. **YOUR PRICE 80c**



## Sterling D. C. Voltmeter

Checks the actual voltage for detector, intermediate, power stages and total output of any "B" eliminators. It helps the service man get to the heart of any eliminator trouble and easily adjust to deliver the proper voltage. Neat metal case. Range 0-300 volts. 3 in. wide, 5 in. long.  
No. 2076. 0-300 volts. List, \$8.50. **YOUR PRICE \$5.10**



## Sterling A. C. Voltmeter

For checking house lighting and other A. C. circuits. With the A. C. voltmeter it is a simple matter to check up on fluctuations in the house lighting current. Long cord and plug. Neat metal case. Size 3 in. wide, 5 in. long.  
No. 2077. A. C. Voltmeter, 0-150 volts. List, \$7.50. **YOUR PRICE \$4.45**



## Hoyt Radio Rotary Meter

A precision voltammeter. It combines in one convenient unit five ranges, necessary for all testing on radio receiving sets, tubes, batteries, battery chargers and battery eliminators. The meter itself, mounted on a beautifully polished mahogany block, is turned by a knurled rim to five different positions, registering with each of the binding posts, through a series of segments within the baseblock. May be left continuously in circuit either as a voltmeter or milliammeter. It is possible easily to read quantities as small as ¼ milliamperes or ¼ volt. Dimensions over all are 4½x3½x2½ inches.  
No. 2078. List Price \$15.60. **YOUR PRICE \$24.00**



HAMILTON-CARR CORPORATION, CHICAGO, ILL.

## Jefferson Tube Rejuvenator



201A and 199 tubes may be successfully rejuvenated when they lose their pep after months of constant use. An old tube reactivated will give the same excellent service as a brand new tube. Burned-out tubes, however, cannot be rejuvenated. Paralyzed tubes can be brought back to their former efficiency after rejuvenation.

The new Type 275 rejuvenator has no sockets. It is connected to any radio receiver and alternating current, 110 volt, 50-133 cycle light line, and it will rejuvenate all of the tubes in the set at once, regardless of what kind they are.

No. 4501. Type 275. List Price, \$4.50. YOUR PRICE....

**\$2.96**

## Jewell Home Tube Checker

Tests all type tubes.

It is a simple matter to test any tube with the Jewell tube checker. Essential for radio owners and dealers to determine the tubes' condition. Jewell products nationally known. High quality apparatus. Accurate. Complete with cord, plug, adapter.

No. 4502. List, \$12.50.

YOUR PRICE.....

**\$7.96**



## Sterling Home Tube Tester

A tube tester that anyone can use. Admirably adapted for home and dealer use. Shows the condition of any 201A tube. Tubes often light but fail to function properly. The tube tester enables anyone to instantly check up on all 201A tubes.

No. 4503.

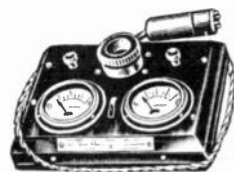
List, \$7.50.

YOUR PRICE.....

**\$4.50**



## Sterling Universal Tube and Battery Tester



Tests all tubes including new 171 power tubes. Shows amplifying strength of tubes. Checks circuits, transformers and batteries. Ideal for the dealer and service man.

No. 4504. List, \$25.00. YOUR PRICE ....

**\$14.70**

## Two Meter Tube Checker



Checks tubes accurately. Professional type for dealer and service man. 0-6 volt-meter. 0-10 millimeter. Popular moderate priced checker. Every set owner needs one.

No. 4505. List, \$7.50. YOUR PRICE ....

**\$4.50**

## Sterling Reactivator

New small compact midjet reactivator. Highly efficient for large and small tubes. Rejuvenates old dull tubes to the efficiency of new ones.

No. 4506. List, \$3.75. YOUR PRICE.....

**\$2.42**



## Jefferson Tube Checker

Every dealer needs a tube checker to determine the condition of tubes and the need for rejuvenation. An efficient tube checker at an extremely low price. Tests all tubes. Complete with instructions.



No. 4507. List Price, \$4.50. YOUR PRICE, EACH.....

**\$2.96**

Lots of six, YOUR PRICE.....

**\$2.65**

## Jewell Test Set

Radio Set Analyzer  
Pattern No. 133

Provides a rapid means of shooting or locating trouble in any radio set. Will check the grid plate and filament condition of all tubes. Has separate terminals for making circuit tests with the instrument used either as a high resistance voltmeter or as a milliammeter. Locates short circuits, open circuits, high resistance connections and other sources of trouble. Combination scale readings are 0-8-80-200 volts and 0-20 milliammeters. Genuine morocco leather covered case with carrying handle.



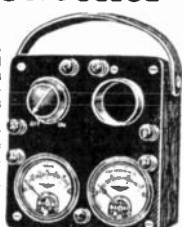
No. 4508. List, \$65.00. NET.....

**\$47.80**

## Jewell Tube Checker

Pattern No. 115

For the rapid checking of the characteristics of vacuum tubes. Will test all type tubes including power tubes. Has dual reading plate milliammeter with 0-8-40 milliamperes scale. The low range is used for checking 190 and 201A tubes. The 0-40 M. range provides for checking power tubes of all types. Few tube checkers are as adaptable to universal tube checking as this. Contains filament voltmeter with 0-8 volt scale. The case is genuine bakelite with carrying handle. An ideal service set.



No. 4509. NET..

**\$20.21**

LIST, \$27.50

## Master-Craft Tube Renewer

Rejuvenates any radio tube direct from the "B" batteries. Master-Craft Tube Renewer is universal. It will rejuvenate UV and UX 199 tubes, 201A and 200A tubes with new and old style bases. Brings back paralyzed tubes. Renews efficiency of old tubes that have become dull with use. Simple to use. Operates direct from set batteries. Need not be connected to the light socket.

No. 4510. List, \$1.00. NET .....

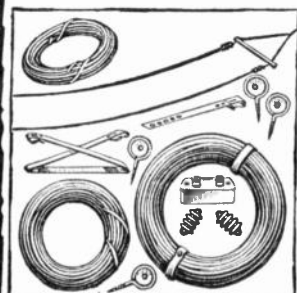
**64c**



# Complete Aerial Kits

**Nothing Else to Buy**

Convenient aerial packs. Necessary aerial equipment. All ready to install.



## Aerial Packet A

Includes 100 feet stranded copper wire, 25 feet rubber insulated lead-in wire, one lead-in insulator, two porcelain strain insulators, two screw insulators, one lightning arrester and one ground clamp.

No. 2460. YOUR SPECIAL PRICE..... **96c**

## Aerial Packet B

Contains 100 feet stranded enameled wire, 40 feet rubber insulated lead-in wire, 25 feet insulated ground wire, ground clamp, 4 porcelain strain insulators, 2 screw insulators, lightning arrester and lead-in insulator.

No. 2461. YOUR SPECIAL PRICE .. **\$1.58**

## Stranded Aerial Wire



Consists of seven strands of No. 24 hard drawn copper aerial wire. Finest quality.

No. 2453. 100 ft. coll. **25c**  
YOUR PRICE.....

## Stranded Enameled Aerial Wire



Recommended by all authorities. Each strand insulated from others. Does not corrode or deteriorate.

No. 2454. 100 ft. coll. 7 strand. YOUR PRICE **34c**

## Aerial Pipe Mast Fittings

Pulley, collar and base of iron. Adjustable base. Fits any pitch roof. Easy to mount.

No. 2447 Set of 3 pieces for 1/2-inch pipe. List, \$1.00.  
YOUR PRICE .... **55c**

No. 2448. Set of 3 pieces for 1-in. pipe. List, \$2.75.  
YOUR PRICE..... **\$1.50**

## Rubber and Braided Lead-In Wire

No. 14 Rubber and weatherproof wire, braid covered. Best quality.

No. 2449. 25-foot rolls. **27c**  
YOUR PRICE.....

No. 2450. 50-foot rolls. **46c**  
YOUR PRICE.....

## Flexible Window Lead-In Insulator



Fits between window and sill. Contacts on each end.

No. 2465. List, 25c. **7c**  
YOUR PRICE.....

## Rubber Covered Lead-In Wire

Rubber covered lead-in wire is not affected by moisture. Perfect insulation. No losses.

No. 2451. 25 feet. **22c**  
YOUR PRICE.....

No. 2452. 50 feet. **37c**  
YOUR PRICE.....

## Effarssee Antenna

An efficient inside aerial that can be hung up anywhere. Appears as a window curtain. Wires inside. Contains hundreds of feet of wire and necessary condensers, self-contained. Selective. Reduces static. Sensitive as an outside aerial. Waterproof and unaffected by damp weather. An efficient inside aerial that is fast-selling.

No. 2455. List, \$2.50. YOUR PRICE **\$1.47**

## Ground Clamp



A copper ground clamp. Positive and permanent contact. New code.

YOUR PRICE . **4c**

No. 2462. Per dozen..... **42c**

## REEL AERIAL



No. 2466. Very efficient copper ribbon aerial, put up in reel form, similar to tape line. Provides 100 ft. of 1/4 in. aerial in convenient form. Can be used either indoors or out. List, \$5.00.

YOUR PRICE ..... **\$3.19**

## Twisted Lamp Cord

Consists of flexible stranded size 18 copper wire with rubber sleeve insulation, over which is a neat colored cotton braid.

No. 2456. Double twisted wire, 25 feet. **48c**

No. 2457. 50 feet..... **75c**

## Ball Antenna Kit

New type antenna. Non-directional, receives efficiently in all directions. Minimizes static and interference. Kit contains all necessary parts for instant easy assembly. A fast seller. An efficient, revolutionary aerial. Wonderful results.

No. 2463. List \$5.00 **\$2.24**  
YOUR PRICE.....

## Super Ball Antenna

This great new invention is efficient with any set under all conditions. Receives all wave lengths, is non directional, clarifies tone, increases selectivity, minimizes static, improves summer reception. Easy to install. Diameter of ball 10 inches. Condenser is built into ball. No rod included. Uses 1/4 inch iron pipe.

No. 2467. Retail price, \$10.00. NET PRICE **\$6.67**  
WHOLESALE .....

Lots of 6—\$6.00 Each  
No. 2468. Base to hold pipe used with antenna to roof. Retail 50c. **34c**  
NET PRICE.....

## Ekko Ground Clamp



A perfect ground clamp. Bites through paint and dirt into clean contact with metal pipe.

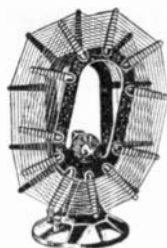
No. 2464. YOUR PRICE **15c**

## Bell Wire

Furnished in 50 ft. rolls per box. Cotton cover colored. No. 18 wire. Good quality and value.

No. 2458. 50 ft. each. **19c**  
YOUR PRICE





## Tun-A-Loop

A new development inductivity coupled loop. Selective to a hair. Moulded bakelite base and frame. Wound with silk-covered wire. Swivel base. Used with a n.y. loop circuit. Only 16 in. high.

No. 4401.  
List, \$17.50.  
YOUR PRICE

**\$10.30**

## F. R. C. Nymph Tapestry Antenna



A beautiful, efficient inside aerial, finely finished in four colors resembling a hanging tapestry. Lithographed in four colors it is beautiful and attractive in appearance. Contains hundreds of feet of wire and necessary condenser self-contained. Increases selectivity, reduces static and interfering noises. Water and damp weather proof. Replaces old fashioned aerial and unsightly wires. Popular—fast

seller.  
No. 4402. List, \$9.50. NET

**\$5.60**

## Blackburn Adjustable Ground Clamp



Approved clamp for radio and telephone circuits. Heavy copper band with adjusting screw and nut feature that bites into the pipe used for ground, making

a clean, positive contact.  
No. 6011. A1 for 3/4 to 1 1/4 in. pipe.....  
No. 6012. A2 for 1 1/4 to 3 in. pipe.....

**15c**

## RIBBON AERIAL

Superior reception obtained with stranded ribbon aerial. Wonderful energy collector. Great surface area and flexibility.



No. 6013. 100-foot Rolls. Price, each.....

**85c**

## Porcelain Screw Insulators



A handy insulator for keeping lead-in wire away from walls. Iron screw,

porcelain eye.  
No. 6014. Price, each...

**4c**

## Lead-in Connector



For connecting lead-in to aerial. Simplifies aerial installation. Easy to connect lead-in to aerial without necessity of soldering. A big seller. Special offer.

No. 6019.  
YOUR PRICE...

**7c**

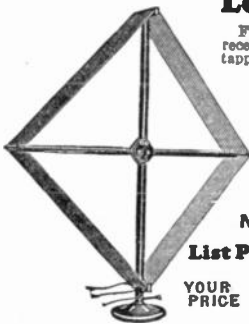


## Midget Glazed Insulator

No. 6015. Size 1 inch square x 2 1/4 inches long

**3c**

## Thomas Box Type Loop



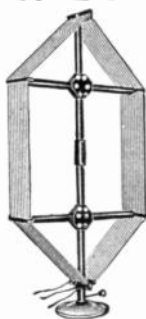
For all standard receivers. Center tapped for Super-Heterodyne. Mahogany finished frame. Wound with special stranded silk covered loop wire. Collapsible.

No. 4403.

List Price, \$8.50

YOUR PRICE **\$4.25**

## Hexagonal Loop



Carefully made. Adaptable to all radio circuits. Has center tap for Super-Heterodyne. Fully insulated with polished bakelite bearing strips.

No. 4404.

List Price, \$12.50  
YOUR PRICE **\$6.75**

## Cage Antenna

The new improved outdoor antenna efficient to the highest degree. Wound with 100 ft. of enamel covered wire, perfectly insulated and concentrated into a compact unit. May be mounted anywhere on a roof top—window ledge—against the wall—anywhere outside or in any position, upright or at any angle. Comes complete with mounting bracket. Can be installed in five minutes. One of the most saleable, profit making items ever offered to radio dealers. Complete. Nothing else to buy.

No. 6016.  
List, \$10.00.  
NET

**\$5.88**

## Paragon Ground Master



Used as a sub-antenna or radio ground. As an antenna buried in the ground it increases selectivity, reduces static and interference. Astounding long range reception reported. May be used as ground with outside antenna, improving results obtained.

No. 6017. List \$5.50. YOUR PRICE

**\$3.24**

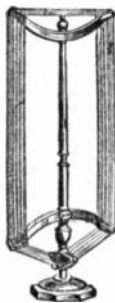
## Stand Off Insulator

No. 6018. Used for efficient antenna installation. Porcelain; 4 inches long. Brown glazed.

Price, each.....

**10c**

## Fiat Bank Wound Loop



No. 4409. New bank wound loop. Solid walnut frame. Natural finish. Turns on 7 in. radius. Has center tap. 1 3/4 in. wide, 30 in. high. Weight, 3 lbs.

List Price, \$12.50

**\$7.35**



## Bodine DeLuxe Loops

Combined compactness and beauty with efficiency. Solid walnut, hand rubbed frame. All windings and contacts are insulated with bakelite. Wound with silk covered wire. A special three-contact jack allows loop to rotate in any direction without tangling connecting wires. Center tapped.

No. 4405. For use with sets using .0005 condensers.

No. 4406. For sets using .0003 condensers. List, \$12.00 NET.....

**\$7.10**

## Qualitone Loops

Specified for the new Kits. Gracefully and durably constructed. Solid walnut frame, hand rubbed. All metal fittings heavily nickel plated. Finest grade insulating material. Center tapped. Wire always kept tight.

No. 4407. Qualitone. List, \$10.00. NET ....

**\$5.88**

No. 4408. Qualitone. De Luxe. List, \$12.50. NET ....

**\$7.15**



## Steinite Eliminator

For eliminating interferences and sharpening the tuning of any radio receiver. Scientifically constructed, it greatly increases selectivity. May be used on any set with an aerial. Quickly and simply installed. If your set tunes broadly you need an interference eliminator.

No. 6020. List price, \$1.65

## Muter Interference Eliminator




Increases selectivity and sharpens tuning of any radio receiver. Encased in black molded Bakelite. Only 3 1/4 in. in diameter. Enables you to tune out powerful local and nearby broadcasting stations in order to tune in the distant stations. Corrects any set if it tunes broadly. It will also reduce "static" caused by local electrical defects.


No. 6021. List, \$2.50.....

**\$1.47**

## Glass Insulators

 No. 6001. Glass is most efficient insulator. The new glass insulators will stand terrific strain. Length, approximately 4 inches. Each..... **7c**

## Porcelain Strain Insulators

Universally used insulator. Fine quality. Strong and durable; 3 in. long. 

No. 6002. Price, each ..... **3c**  
No. 6003. Per dozen ..... **32c**


## New Dubilier Light Socket Aerial

 Simply attach to the light socket and any receiver. Converts light line into an aerial. Efficient. Improves reception of any set. Reduces static.  
No. 4100. List Price, **89c**  
\$1.50. Price.....


## Carter Outlet Jack for Exposed Wiring

 Satin brass finish radio outlet jack for use where concealed wiring cannot be used. Can easily be attached to wall or baseboard for use with any standard radio plug. Has single open short jack for single or parallel connections.  
No. 4115. List Price, \$1.00. **59c**


## Yaxley Jr. Jacks

 Small jack extending only 1 1/4 in. behind panel. Takes any standard radio plug. Same as standard jack but used where space is small.  
List Net  
4102. Open Circuit ..... 40c 24c  
4103. Circuit Closing ..... 55c 33c  
4104. 2 Circuit ..... 55c 33c  
4105. Single Circuit Filament Control ..... 65c 39c  
4106. Double Circuit ..... 65c 39c

## Yaxley Jr. Jack Switch


 Small compact jack switch used where space is small. Mounts close to panel.  
List Net  
4107. Battery switch ..... \$0.70 42c  
4108. 2 circuit S.P. D.T. .... .85 51c  
4109. Double circuit ..... .95 57c  
4110. 5 spring ..... 1.10 66c  
4111. 2 way 2 circuit D.P. D.T. .... 1.20 72c

## Carter Tip Jack

 A small, reliable cork tip jack consisting of only two parts. Positive connection with standard phone cord tips or Carter Imp plug. Mounts in 3/4 in. hole on 1/2 or 3/8 in. panel.  
No. 4112. **7c**

List Price 10c, each.....

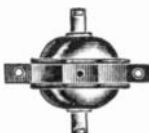
## Carter Dial Lite

 Illuminates dial in front of panel. Self-contained switch and low amperage bulb. Panel mounting, 6 or 4 volts.  
No. 4113. List Price, \$1.75, with bulb. **\$1.03**  
YOUR PRICE .....

## Approved Arrester



No. 6004. Lightning arrester of porcelain air-gap type. Good value. Fast seller. Our special.  
YOUR PRICE..... **12c**



## Little Joe Lightning Arrester

No. 6005. Air-gap lightning arrester. Protects receiver and home. Porcelain insulated and approved. Exceptional value.  
YOUR PRICE..... **65c**

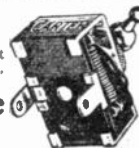
## Muter

**Antenna Plug**  
Replaces outside aerial. Screws into any light socket. Does not consume current. Selective improved reception. List 75c.  
No. 4114. **45c**  
YOUR PRICE .....



## Carter


**Power Switch**  
For 110 volt circuit for use with A.C. sets, eliminators, etc.  
No. 4197. **44c**  
List 75c. NET  
**Automatic Power Switch**  
Replaces relays. Will control any kind of "A" or "B" supply.  
No. 4101. List, \$1.50. NET.. **88c**



## Carter Imp Inductance Switch

 A small, compact inductance switch, nickel plated. Complete with pointer knob.  
No. 4116. 4-Point. **59c**  
List Price, \$1.00. YOUR PRICE...  
No. 4117. 7-Point. **69c**  
List Price, \$1.15. YOUR PRICE...  
No. 4118. 9-Point. **74c**  
List Price, \$1.25. YOUR PRICE...

## Frost Switch

 A compact, efficient battery switch. Exceptional low price for high quality apparatus.  
No. 4119. List Price, 30c. **18c**  
YOUR PRICE .....

## Panel Light

 For illuminating panel and meters. Nickel finish, easily mounted.  
No. 4120. With 6-V. 2-C. P. bulb. List 75c. **45c**  
YOUR PRICE .....

## Phone Tip Jacks

 Accommodates all phone tips. Well made, heavily nickel-plated. Phosphor bronze spring contact. For 3/8 or 1/2 in. panel.  
No. 4121. NET, per pair.. **10c**

## Jewel Lightning Arrester



Nationally known. Approved by Fire Underwriters. Marked binding posts. Brown porcelain finish. Easily installed.  
No. 6006. List, 75c. **44c**  
YOUR PRICE .....

## Carter Wall Receptacle Jack

Wall plate jack with Carter open circuit short jack for loud speaker extension. Brushed brass escutcheon plate. Fits outlet box. For parallel connections. One or more may be connected in any home for loud speaker extensions.  
No. 4122. List Price, 80c. **47c**  
PRICE .....



## With Volume Control

Provided with Carter Hi-Ohm volume control. Regulates the volume. Operate more than one speaker in different rooms at any volume desired. Brushed brass escutcheon plate.  
No. 4123. **\$1.60**  
List, \$2.75. PRICE .....

## Amsco Pin Jacks

 For tips of phone and loud speaker cords. Phosphor bronze spring. Heavily nickel-plated.  
No. 4124. List Price, 15c. **10c**  
Each .....

## Carter Pilot Switch

 Automatically indicates by red light when set is in use. Entirely self-contained. Single hole mounting. Nickel finish.  
No. 4125. List, \$1.50. **89c**  
YOUR PRICE .....


## Walbert Panel Lite

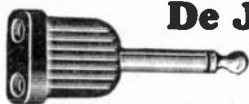
 Illuminates dial and panel. Furnished in nickel or gold. Complete with bulb.  
4126. Nickel. **58c**  
4127. Gold.  
List Price, \$1.00. **58c**  
YOUR PRICE .....

## Carter Imp Jack

 Cork tip jacks of larger and heavier construction than the Carter tip jacks. Mounts in 3/4 in. hole on 1/2 in. or 3/8 in. panel. Small and compact.  
No. 4128. Carter Imp. **15c**  
No. 4129. Plug .....

## Four Phone Plug

 Four phone plug, well moulded. Bakelite. Accommodates speaker.  
No. 4130. List, \$1.00. **56c**  
YOUR PRICE .....



## De Jur Bakelite Plug

Our special plug offer. Polished genuine bakelite. Spring clips. No screws or clamping. The biggest plug value on the market. Thousands sold.

No. 2328. List Price, 25c.....  
No. 2328T. List Price, per ten,  
\$3.00. YOUR PRICE.....

**Your Price**  
**\$1.25 13c**

## E Z PLUG



Genuine bakelite. A special value. New and improved design. Phone tips are instantly connected to this plug. No set screws. Fast seller.

No. 2329. List Price, 21c  
35c. YOUR PRICE.....

## Bruno Pilot Light

A new design in Pilot Light Switch. Light shows whether set is turned on or off. Easily installed on panel of any receiver. Without bulb.



No. 2330. List Price, 75c. 46c  
YOUR PRICE.....

## Cutler-Hammer Toggle Switch



No. 2331. A popular nationally known switch made by manufacturers of high grade electrical apparatus. A flick of the switch turns receiver on or off. Has on-off panel plate. List Price, 60c.

YOUR PRICE..... 36c

## Frost Gem-Jac



Compact Jack. Projects only 1 inch behind panel. Good contacts. Easily mounted. Used where space is limited.

No. 2332. Open circuit. List, 40c. NET.... 24c  
No. 2333. Double circuit. List, 50c. NET..... 30c  
No. 2334. Our special open circuit. NET..... 12c  
No. 2335. Our special double circuit. NET..... 15c

## Carter Short Jacks



Small jack. Recommended for use where space behind the panel is limited. Perfect contact. Takes standard plug.

No. 2336. Open circuit. List, 25c. YOUR PRICE..... 15c  
No. 2337. Closed circuit. List, 30c. YOUR PRICE..... 18c

## Enclosed Filament Switch

No. 2338. Special value in a battery panel switch. One hole mount. Enclosed contacts. Nickel-plated push-plunger. Nicely finished... 22c

## Special Jack Offer



Finely made jacks. Phosphor bronze springs with silver contact points. Perfectly insulated. An exceptional offer of quality jacks at remarkably low prices. Easy soldering.

No. 2339. Open circuit. List, 35c. YOUR PRICE..... 15c

No. 2340. Single circuit closed. List, 40c. YOUR PRICE..... 19c

No. 2341. Double circuit. List, 45c. YOUR PRICE..... 20c

No. 2342. Single Filament Control. List, 65c. YOUR PRICE..... 30c

No. 2343. Double Filament Control. List, 70c. YOUR PRICE..... 32c

## Special Rotary Switch



One-hole mounting compact filament switch. Quarter turn makes or breaks contact. Bronze contacts. Perfectly insulated. A special offer in high grade Rotary switch. Equipped with On and Off name plate.

No. 2344. List Price, 40c. NET..... 19c

## Filament Lock Switch

The most efficient and practical lock switch. Remove plunger and set cannot be turned on or tampered with. One hole mounting.



No. 2345. List, 50c. YOUR SPECIAL PRICE... 20c

## Frost Tip Jack



No. 2346. Frost Tip Jacks dispense with necessity for plug-in loudspeaker or phone output. Will take phone tips. A special.

List, per pair, 30c. YOUR PRICE..... 18c

## B. M. S. Short Jack



No. 2347. Used where space is very limited. Fits standard plug. Single open circuit only. List, 25c. YOUR PRICE... 13c

## Carter Hold-Tite Jacks



Easily mounted to any panel, regardless of thickness. Heavy phosphor bronze springs. Pure silver contacts. Tinned lugs.

No. 2348. Open circuit. List, 50c. YOUR PRICE..... 30c

No. 2349. Closed circuit. List, 55c. YOUR PRICE..... 33c

No. 2350. Double circuit. List, 80c. YOUR PRICE..... 47c

No. 2351. Single Filament control. List, 70c. YOUR PRICE..... 42c

No. 2352. Double Filament control. List, 90c. YOUR PRICE..... 53c

## Carter Jack Switches



Jack switches have many uses. Recommended for battery and charging control. One-hole panel mounting with knob and name plate.

No. 2—2 springs, used as battery switch.

No. 2353. List, 75c. YOUR PRICE..... 44c

No. 3—3 springs, opens one and closes one contact for switching from long to short aeral or reversing circuit.

No. 2354. List, 90c. YOUR PRICE..... 53c

No. 4—4 springs, closes two contacts. Used for cutting in second headset of speaker.

No. 2355. List, \$1.00. YOUR PRICE..... 59c

No. 6—6 springs, opens two and closes two contacts. Used to switch battery charger or loud speaker on or off. Can also be used for cutting in power amplifier.

No. 2356. List, \$1.25. YOUR PRICE..... 74c

## Carter Imp Switch



No. 2357: Filament switch. Quarter turn switches battery on or off. Complete with name plate.

List Price, 65c YOUR PRICE..... 39c

## Imp Aerial Switch

No. 2358. Switches from long to short aerial. List, 70c. YOUR PRICE..... 42c

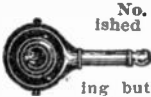
## Carter Lock Switch



No. 2359. Filament switch equipped with key for locking radio set. Set cannot be used when key is removed. With three keys.

List Price, 75c. YOUR PRICE..... 45c

## Pacent Auto Plug



No. 2360. Finely finished bakelite plug. Press cord tips in place. Released instantly by pressing buttons. List, 60c..... 38c

# Tools & Soldering Irons

## Automatic Blow Torch

No. 2501. Self blowing alcohol torch. Simply fill with alcohol and light. It generates its own pressure. Blows long, hot, intensive flame. Handy for all soldering and is a necessity for all outside work.  
**YOUR PRICE..... 89c**



## Long Nose Side Cutting Pliers

2502. Double duty pliers. Long, flat nose, reaches into inaccessible corners. Side cutting. **YOUR PRICE..... 42c**



## Diagonal Cutting Pliers

No. 2503. Nippers for close cutting. Especially adaptable to radio work and other wire cutting. Fine tool steel.  
**YOUR PRICE..... 45c**



## Long Nose Pliers

No. 2504. Forged steel. Slim nose. Will reach where space is limited. Tool steel. A radio necessity.  
**YOUR PRICE..... 42c**



## Crow Bill Pliers

No. 2505. Forged steel. Semi-round nose. Perfect eyelets can be formed. Slim nose reaches into inaccessible places.  
**YOUR PRICE..... 35c**



## Socket Wrench Set

No. 2506. This set of five sockets saves hours of labor. Will fit  $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$  and  $\frac{5}{8}$  inch.  
**YOUR PRICE..... 48c**



## Counter Sink

No. 2507. To counter-sink holes for appearance and efficiency. Fine standard hand drill.  
**YOUR PRICE..... 17c**



## Screw Drivers

Fine tool steel. Designed with narrow blades for radio use.  
No. 2516. 2-in. blade.  
No. 2517. 3-in. blade.  
No. 2518. 5-in. blade.  
**YOUR PRICE, EACH..... 9c**



## Rosin Core Solder Sticks

No. 2508. Rosin Core Solder. The flux is in the core of the solder. Requires no flux.  
 $\frac{1}{4}$  lb. **YOUR PRICE..... 18c**



## Rosin Core Solder

Kester rosin core solder. Universally known and used. Virgin tin and lead solder with rosin core. Not necessary to use solder paste, flux or acid. Non-corrosive.  
No. 2509. Price, per  $\frac{1}{4}$  lb. .... **17c**

## Little Devil Soldering Iron



No. 2510. Our special soldering iron. A splendid electric soldering iron. Shaped especially for radio work. The heating element is exceptionally efficient with long life. The tip is shaped for coarse and fine work. Copper tip is replaceable. For 110 volts.  
**YOUR SPECIAL PRICE 75c**

## Hand Drill



No. 2511. Fine quality drill for radio use. Takes all size bits up to  $\frac{1}{4}$  inch.  
**YOUR PRICE..... \$1.35**

## Electrahot Soldering Iron



Guaranteed soldering iron. This iron is guaranteed for two years. Used on 100 to 120 volts. Iron replaced if it does not give two years' service. Equipped with two tips for coarse and fine work.  
No. 2512. List \$2.00.  
No. 2513. List \$3.00.  
Heavy Duty Iron.  
**YOUR PRICE..... 1.88**

## American Beauty Soldering Iron



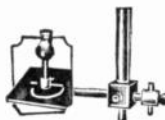
No. 2514. Laboratory standard iron that has stood the test of time. Medium size tip for light and medium duty work.  
 $\frac{3}{4}$ -in. tip. 12 $\frac{1}{2}$ -in. long.  
List, \$8.00. **YOUR PRICE \$5.85**  
Includes tip.  
No. 2515. Extra Tip. NET..... **45c**

## Set of Drills



No. 2520. Carbon steel drills. Four drills. Sizes 4-35, 6-32, 8-32, 14-28. Are the only sizes that are necessary for radio set builders. Set of four. **38c**  
**YOUR PRICE..... 38c**

## Stevens Adjustable Panel Cutter



List, \$1.75.  
**YOUR PRICE..... \$1.14**

No. 2519. A fine tool. Especially adapted to the cutting of large holes in bakelite or hard rubber panels. Adjustable from  $\frac{1}{2}$  to 6 in. diameter. Cutter may be used by hand or in carpenter's brace.

## Radio Vise



No. 2520. A serviceable sturdy vise for practically all radio work. Cast iron construction with steel screws and steel clamp thread. Small and compact. Adaptable to mount anywhere.  $\frac{1}{2}$ -in. jaw. Length over all, 5 in.  
**YOUR PRICE, EACH..... 35c**

## Heavy Duty Radio Vise

Slightly larger, heavier and sturdier than the vise as pictured and described. Solid wrought steel sliding bar. Square cut steel screw threaded. Heavy black enamel frame with bright orange fittings.

No. 2521. With 2 in. jaw. 6 $\frac{1}{2}$  in. over all length. **75c**  
No. 2522. With 2 $\frac{1}{2}$  in. jaw. 8 in. over all length. **98c**

**PRICE..... 98c**

## Solderall



No. 2524. Simply apply paste to any joint. Heat with a match or other weak flame and perfect soldered joint will result.  
**YOUR PRICE..... 16c**

**PRICE..... 16c**

**YOUR PRICE..... 17c**

**YOUR PRICE..... 17c**

## Adjustable Hack Saw



Adjustable Hack Saw complete with blade. Heavy nickel frame, constructed to withstand hard use. Black enamel blade. Will expand to hold a 12-in. blade. For wood, bakelite and metal work.  
No. 2523. NET..... **25c**



## Flexibus

Flexible, colored hook-up wire. Popular with set builders. Simplifies construction, increases efficiency. Color coded. In rolls of 25 feet.

No. 2401. Black  
No. 2402. Yellow  
No. 2403. Red  
No. 2404. Green  
No. 2405. Brown

Per Roll - - - - - **45c**

## Colored Spaghetti Bus Bar Covered Wire



No. 13 hard-drawn copper wire tinned for soldering. Spaghetti covered. Assorted colors. 2 1/2-foot lengths.

No. 2406. Black  
No. 2407. Yellow  
No. 2408. Red  
No. 2409. Green

Your price per length **6c**

## Rubber Covered Hook-up Wire

Stranded, tinned copper wire covered with live rubber insulation to withstand any voltage ordinarily used in radio. Best for short leads and ease of wiring. Five colors. 25-foot coils.

No. 2410. Red  
No. 2411. Green  
No. 2412. Blue  
No. 2413. Black  
No. 2414. White

List price, 40c each. YOUR PRICE, EACH..... **24c**

## Wire Connectors



No. 4201. Simplifies connecting, eliminates soldering. Positive resistanceless contact. Per dozen. YOUR PRICE..... **85c**

## Magnet Wire



Double cotton and enameled magnet wire. High quality for winding low-loss coils. Sold in 1/2-lb. spools.

Double Cotton Covered		Enameled	
No.	Price Gauge	No.	Price
2480.	23c 14	2490.	\$0.49
2481.	24c 16	2491.	.54
2482.	25c 18	2492.	.59
2483.	30c 20	2493.	.73
2484.	35c 22	2494.	.92
2485.	36c 24	2495.	1.15
2486.	52c 26	2496.	
2487.	61c 28		
2488.	74c 30		
2489.	76c 32		

## Loop Wire

Flexible Loop Wire, consists of 60 strands No. 38 wire with 5 strands No. 34. Tough and flexible. Will not stretch. Covered with cotton and additional outer covering of colored imitation silk. Spools of 125 feet. Just enough with a little to spare for any standard size loop.

No. 2425. List, \$1.75. YOUR PRICE..... **89c**



## ECHO TAPE INDOOR AERIAL

Ideal for indoor aerial installation. Extremely flexible and neat appearing.

No. 2400. 50-ft. roll. List, 50c. YOUR PRICE..... **30c**

## Miniature Switches

Small, reliable switches. Nest enough for panel or baseboard mounting. Nickel plated arm and contacts. Base and handle, hard rubber. Single - throw, 1/2 in. long. Double-throw, 2 1/4 in. long.

2426. Single-Pole, Single-Throw. 36c  
2427. Single-Pole, Double-Throw. 42c  
2428. Double-Pole, Single-Throw. 58c  
2429. Double-Pole, Double-Throw. 60c  
2430. Triple-Pole, Double-Throw. 96c

## Bus Bar Wire



Hard drawn copper wire, tinned for soldering. No. 14 gauge. Square or round. Two-foot length. YOUR PRICE

No. 2431. Square, 10 lengths. \$0.14  
No. 2432. Square, 100 lengths, (200 feet)..... 1.14  
No. 2433. Round, 10 lengths. .13  
No. 2434. Round, 100 lengths, (200 feet)..... 1.05  
No. 12 Gauge  
No. 2435. Round, 10 lengths. \$0.23  
No. 2436. Round, 100 lengths. 2.10

## Flexible Spaghetti

A high grade cambric tubing. Thoroughly impregnated with insulating varnish. Highest quality. Supplied in 50-in. lengths.

No. 2437. Black  
No. 2438. Yellow  
No. 2439. Red  
No. 2440. Green

PRICE, PER LENGTH **8c**

## Radio Set Wire

Soft drawn tinned copper wire heavily insulated. Furnished in spools of 100 ft. Handy wire for the set builder. For use as hook-up wire, bell or enunciator wire, battery hook-up wire. Cotton covered. No. 19 gauge.

No. 2441. YOUR PRICE, PER 100 FT..... **60c**

## Switch Points and Stops

Nickel brass switch points. Well designed and high quality.

No. 4202. Switch Points.  
No. 4203. Switch Stops.  
Special price. YOUR PRICE, per dozen..... **9c**

## Switch Lever

No. 4204. Finely machine switch lever. Sloping arm. Nickel bronzed. Makes perfect contact. Easily mounted.

YOUR PRICE.... **10c**

## Fahnestock Connector

Single and double connectors. Nationally known and approved. Makes perfect contact.

No. 4205. Per doz. Single Connector. YOUR PRICE..... **12c**  
No. 4206. Per doz. Double Connector. YOUR PRICE..... **28c**

## Angle Brackets



No. 4207. Metal brackets for mounting binding post strips, inductances, etc. No. 1508 is 3 in. long. No. 1507 is 1x1 in. No. 1505 is 1/2x1 1/2 in. Thickness of metal is .in. Specify style wanted. Nickel plated.

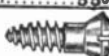
YOUR PRICE, for Ten..... **16c**

## Nickel Brass Screws Round Head Wood Screws



Sizes, 5 and 6. Per Gross  
No. 4213. Length, 1/2 in..... 43c  
No. 4214. Length, 3/4 in..... 43c  
No. 4215. Length, 1 in..... 55c

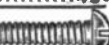
## Oval Head Wood Screws



Sizes, 6 and 7. Proper size for radio work. Per Gross

No. 4211. Length, 1/2 in.... **48c**  
No. 4212. Length, 3/4 in..... 49c

## Round Head Machine Screws



Size, 6-32 thread. Threaded full length. Price, Per Gross

No. 4208. Length, 1/2 in.... **42c**  
No. 4209. Length, 3/4 in....  
No. 4210. Length, 1 in....

## Flat Head Machine Screws



For close counter-sinking. 6-32 thread. Per Gross YOUR PRICE

No. 4216. Length, 1/2 in.... **45c**  
No. 4217. Length, 3/4 in....  
No. 4218. Length, 1 in....

## Oval Head Machine Screws



For counter-sinking. Oval head, neat appearing. 6-32 thread. Per Gross YOUR PRICE

No. 4219. Length, 1/2 in.... **48c**  
No. 4220. Length, 3/4 in....  
No. 4221. Length, 1 in....

## Braidite

Flexible stranded hook-up wire. Double covered. Moisture proof. Simply push back braid solder, then replace solder, forming the neatest and safest form of connection. Because of its ease in working and its high efficiency, this product has been adopted by the leading set manufacturers. 25-ft. coils, attractively boxed.



No. 4242. Red  
No. 4243. Green  
No. 4244. Yellow  
No. 4245. Brown  
No. 4246. Black  
List price, 35c each. YOUR PRICE.... **23c**

## Flat Washer

No. 4022. Nickel brass washer. High quality. YOUR PRICE, Per Gross..... **25c**



## Copper Lugs and Connectors

No. 4023. Nickel Phone Taps. Per Dozen..... **29c**  
No. 4024. Tinned Solder Lugs. Per Hundred..... **20c**  
No. 4025. Per Thousand Lugs..... **\$1.45**

## Hexagon Nuts

Nickel plated brass. Chamfered and counter-sunk for close assembly. For 6-32 and 8-32 thread. No. 4026. 6-32. No. 4027. 8-32. YOUR PRICE, Per Gross..... **49c**

# Switches—Plugs—Crystals—Binding Posts

## Bakelite Binding Post Strip



Marked binding posts mounted on bakelite strip. Soldering lugs connected to binding posts. Terminals readily accessible. Equipped with holes for mounting.

No. 4131, 5-Post Strip: 25c  
A+, A-, B+, B-, B+ Det.:  
No. 4132, 7-Post Strip: 30c  
Ant., Gnd., A+, A-, B+, B-,  
B+ Det.: 30c

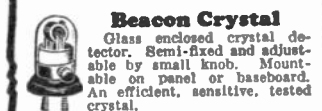
## Mounted Crystals



Silicon, galena and carborundum combination. Complete surface is sensitive. Thoroughly tested.  
4133. YOUR PRICE .. 10c

## Unmounted Crystals

Genuine Galena crystal, unmounted. Six sensitive sides. For all crystal and reflex sets.  
No. 4134. YOUR PRICE..... 4c



## Beacon Crystal

Glass enclosed crystal detector. Semi-fixed and adjustable by small knob. Mountable on panel or baseboard. An efficient, sensitive, tested crystal.

No. 4135. List price, \$1.50. YOUR PRICE..... 80c

## Binding Post Strip

Strip for mounting Eby or our special binding posts. 7x1 in. long. Drilled for five posts.

No. 4136. YOUR PRICE... 10c

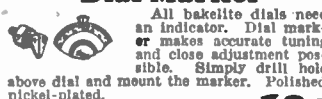
## Vernier Knob



An easily mounted knob that makes any dial a vernier dial. Reduces the movement of dial for fine, accurate tuning. Adaptable to any set.

No. 4137. YOUR SPECIAL PRICE..... 9c

## Dial Marker



All bakelite dials need an indicator. Dial marker makes accurate tuning and close adjustment possible. Simply drill hole above dial and mount the marker. Polished nickel-plated.

No. 4139. Set of 3..... 13c  
No. 4138. Per dozen..... 39c

## Carborundum Detector



Specially selected sensitive carborundum crystal detector. Sealed under pressure. Permanently sensitive. Recommended for reflex circuits or wherever crystals are used.

No. 4140. List price, \$1.50. YOUR PRICE..... 96c

## Carborundum Stabilizing Unit



Revolutionizes crystal detectors. As easy to control as a vacuum tube with a rheostat. Operates with flashlight cell at peak of efficiency. Full control of oscillation. Replace old crystal with carborundum stabilizing unit and realize full efficiency from any circuit.

Requires small flashlight cell.  
No. 4141. List price, \$3.50. YOUR PRICE..... \$2.23  
without cell..... \$2.23

## Porcelain Knife Switch



Heavy copper blade and contacts. Insulated handle. Porcelain base. Screw terminals. Superior for antenna grounding switch or battery charging switch.

No. 6007. Single-Pole, Single-Throw. Each..... 13c  
No. 6008. Single-Pole, Double-Throw. Each..... 21c  
No. 6009. Double-Pole, Single-Throw. Each..... 23c  
No. 6010. Double-Pole, Double-Throw. Each..... 30c

## XL Push Posts

Sure contact binding posts. Push top. Insert wire or phone tip; cannot jar loose. Easy to connect or disconnect. Furnished with lugs and following markings: Ant., Gnd., Phones, Speaker, A+, A-, B+, B-, B22 1/2+, B35+, C-, C+.



No. 4142. List price, 15c. YOUR PRICE..... 9c

## XL Binding Post Strips

Polished strip with seven XL push posts. Excellent, efficient and convenient posts. Push down head of post, insert wire or phone tip; cannot jar loose. No screwing. Post standard marked.

No. 4143. List price, \$1.50. YOUR PRICE..... 95c

## Eby Binding Post Strip



Seven Eby binding posts having markings Ant., Gnd., A+, A-, B-, B Det., B Amp., mounted on binding post strip with brackets and wood screws.

No. 4144. List price, \$1.25. YOUR PRICE..... 75c

## Radio Insulating Cement

Used to hold wire coils when wound on form. Holds windings in place. Also used for self-supported coils. Dries quickly and forms a stiff, hard film. Splendid insulator and free from capacity effects.

No. 4145. YOUR PRICE... 18c

## New Pandora CrystalSet

Nationally known. Is efficient, compact and distinctive appearing. Simple adjustment. Covers entire broadcast band. 20 to 30-mile range, longer for super-power stations. Perfect tone quality.



No. 4146. List price, \$1.75. YOUR PRICE... \$1.00

No. 4147. Crystal set, complete with aerial and ground equipment, quality head phones. YOUR SPECIAL PRICE \$3.95

## Morris Ground Clamp



New, rugged adjustable ground clamp. Bites into metal pipe right through rust or corrosion for perfect contact.

No. 4148. YOUR PRICE, EACH..... 10c

## Screw Assortment

A box assortment of essential radio hardware. Consists of wood screws, machine screws, nuts, washers and lugs in the various sizes needed for assembling a receiver.

No. 4149. List, 50c. PRICE ..... 29c

## Kurz-Kasch Capacity Connector



Eliminates the greater part of set wiring and soldering with all of its distributed capacitance and fields where pick-up within the receiver should be avoided. Makes possible speed of assembly. It combines rigidity with simplicity and ease of wiring, stabilizes the circuit, and removes the cause of troublesome feedback.

No. 4150. List, \$7.50. NET ..... \$4.45

## Eby Ensign Binding Posts

Patented. Non-removable tops. Engraved tops. Complete, with nut and lugs.

No. 4151. Ant. 67 volts +  
No. 4153. Short Ant. 80 volts +  
No. 4154. Gnd. 90 volts +  
No. 4155. Loop 135 volts +  
No. 4156. Speaker +  
No. 4157. Speaker -  
No. 4158. A Bat. +  
No. 4159. A Bat. -  
No. 4160. B Bat. +  
No. 4161. B Bat. -  
No. 4162. C Bat. +  
No. 4163. C Bat. -  
No. 4165. 45 volts +  
No. 4166. 67 volts +  
No. 4167. 90 volts +  
No. 4168. 135 volts +  
No. 4169. 150 volts +  
No. 4170. B+ Power  
No. 4171. B Det. +  
No. 4173. C - Power  
No. 4174. +  
No. 4175. -  
No. 4176. Plain



YOUR PRICE

List Price, Each 15c

9c

## Lettered Binding Posts



Our special engraved binding posts. Highly polished. Fit all panels and sub-panels. Simplify connections. Set of seven. A+, A-, B+, B+ Det., B-, aerial and ground.

No. 4177. List, 50c. Per Set, PRICE..... 21c

## Genuine Bakelite Panels

Genuine bakelite in glossy black, mahogany or walnut. Finest panel. Our enormous stock and buying capacity enables us to offer the very best in paneling at greatly reduced prices.

1/2-inch Thick		Panel Size	3/4-inch Thick	
No.	Each	Inches	No.	Each
4607.....	\$0.40	7x9	4613.....	\$0.60
4608.....	.60	7x9	4614.....	.92
4609.....	.78	7x12	4615.....	1.26
4610.....	.90	7x14	4616.....	1.38
4611.....	1.24	7x18	4617.....	1.75
4612.....	1.39	7x21	4618.....	2.10
		7x24	4619.....	2.42
		7x26	4620.....	2.56
		7x28	4621.....	3.06
		7x30	4622.....	3.75

Supplied in 1/8-inch only

Bakelite for sub-panels will be furnished at square inch rate. Any size.

PANELS CUT TO YOUR SIZE  
1/4-inch thick ..... 1/40 per square inch  
3/8-inch thick ..... 1/40 per square inch

## Goodrich Silvertown Panels

The finest quality hard rubber panels. Nationally known. Nationally advertised. Perfect sizes. Non-warping. Each enclosed in genuine Goodrich Silvertown envelope. 3/8 in. thick.

Panel Size		No.		Walnut or Mahogany	
Inches					
7x12	4630	\$0.60		\$0.74	
7x14	4631	.79		.89	
7x18	4632	.95		1.15	
7x21	4633	1.12		1.35	
7x24	4634	1.29		1.48	
7x26	4635	1.40		1.69	
7x30	4636	1.69		1.90	

## Bakelite Tubing

Genuine Bakelite. For coil winding. Furnished in 3-in. lengths. All 3/8-in. wall. Inside diameter given.

No.	Diameter	Each
2539.	2 in.	1.40
2540.	2 1/2 in.	1.60
2541.	3 in.	1.90
2542.	3 1/2 in.	2.20

## Threaded Bakelite Tubing

No. 2535. Genuine bakelite tubing threaded for space winding. Tube is 2 1/2 in. long, 1 1/2 in. outside diameter, 3/8 in. wall. Threaded with 104 threads, 64 threads per inch. Best suited for No. 30 enamel wire. Extremely simple to wind space wound low loss coils. In popular demand. Full length winding accurately covered. The broadcast band with .00035 variable condenser.

YOUR PRICE, EACH..... **21c**

## Flexible Battery Cable



Flexible color coded battery cable furnished in spools of 100 ft. continuous length. For remote storage or batteries or eliminators. Each wire is stranded rubber covered and insulated with a cotton colored braid all enclosed in a mercerized cotton cable braid.

No. 4517.	25 ft. coil 5 wire cable.	NET
No. 4518.	25 ft. coil 6 wire cable.	\$1.20
No. 4519.	25 ft. coil 7 wire cable.	\$1.50
NET		\$1.80

## Benjamin Brackets

Panel and sub-panel mounting brackets. Brass. Simplifies mounting of panel and sub-panel. Adjustable type for mounting sloping panel at any angle.

No. 2536. Upright. List, 70c. PER PAIR..... **42c**

No. 2537. Adjustable. List, \$1.25. PER PAIR..... **74c**

## Panel Mount Brackets

No. 2538. Cast aluminum brackets for mounting panel and sub-panel. Substantial and durable. Simplifies construction.

List Price, \$1.50. YOUR PRICE..... **89c**

## Panel Brackets

No. 2534. YOUR PRICE, PER PAIR.....

**28c**

For mounting panel and sub-panel. Exceptional offer of quality brackets. Nickel-plated brass. For use in the construction of any receiving set. A big special at our remarkably low price.

## Baseboards

All standard sizes of wood baseboards. Well seasoned and dried. No capacity of warping or leakage. Well stained. 3/4 to 1/2-inch thick.

No. 4646.	6 1/2 x 5 1/2 in.	9c
No. 4647.	6 1/2 x 8 in.	13c
No. 4648.	6 1/2 x 11 in.	16c
No. 4649.	6 1/2 x 13 in.	20c
No. 4650.	6 1/2 x 17 in.	23c
No. 4651.	6 1/2 x 20 in.	26c
No. 4652.	6 1/2 x 23 in.	29c
No. 4653.	9 x 17 in.	35c
No. 4654.	9 x 20 in.	39c
No. 4655.	9 x 23 in.	45c
No. 4656.	9 x 29 in.	55c

## Extension Cord and Plug



Complete extension set. Plug will couple extension cord with loud-speaker. Loud-speaker should be kept away from receiver for best results. High quality cord with Bakelite connector plug.

No. 2391. 10 ft. with plug....\$0.44  
No. 2392. 20 ft. with plug.... .55  
No. 2393. 50 ft. with plug.... 1.25

## Extension Plug

No. 2394. Bakelite Connector for speaker and extension cord. Will couple speaker and extension cord so that loud-speaker may be moved to any distance from the set. Each..... **18c**

## Vee Dee Metal Panels



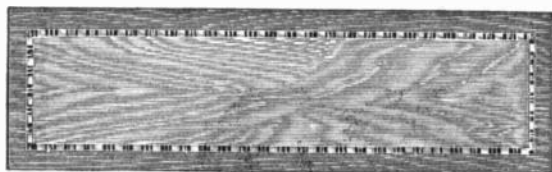
Beautifully decorated metal panels, fully shielding radio sets. Strikingly finished in attractive, natural wood grains. Furnished in standard sizes; also drilled and pierced panels for the popular kits. Metal panels easy to drill. This is the latest in panel beauty and design.

No.	Size	List	NET
No. 4637	7x18	\$1.80	\$1.02
No. 4638	7x21	2.10	1.19
No. 4639	7x24	2.40	1.34
No. 4640	7x26	2.60	1.50
No. 4641	7x28	2.80	1.58
No. 4642	7x30	3.00	1.70

### Drilled Panels for Popular Kits

No.	List	NET
No. 4643. Bremer Tully	\$3.05	\$1.75
No. 4644. Browning Drake	3.05	1.75
No. 4645. S. C. II.	3.70	2.15

## Lignole Panels Two Tone Beautifully Inlaid Panels



Lignole radio panels are made of laminated ply wood. The panel has a genuine rotary cut walnut base and back and is inlaid with a beautiful marqueterie of satin wood and white holly about 1/4 inch wide. The outside portions are of a darker shade than the body of the panel resulting in a beautiful striking two-tone effect. Easily drilled with a wood or metal twist.

No.	Size	List	NET
No. 4601	7x21	6.94	\$4.20
No. 4602	7x18	\$6.52	4.85
No. 4603	7x24	7.36	7.61
No. 4604	7x26	7.92	5.10
No. 4605	7x28	8.20	
No. 4606	7x30		

# FAST SELLERS—Fully Guaranteed



## GOLD SEAL Bowl Heater

Oversize 14-inch solid copper highly polished reflector. Nichrome element. A real handsome heater and one of the fastest sellers. Well constructed. Shipped complete with cord and plug. **No. 8546. List Price \$5.00. YOUR PRICE... \$3.33**

**No. 8547. Heater elements for all standard heaters. Cone shaped, porcelain core. List \$0.60. YOUR PRICE..... 43c**

## Gold Seal Hot Plate

Well built hot plate. One-piece construction. Rust proof. Porcelain grid with Nichrome wire, including cord and plug. **No. 8201. List Price \$2.30. YOUR PRICE .... \$1.53**



## GOLD SEAL DOUBLE HOT PLATE



Same general construction as the single hot plate shown above. Duco finish, nickel plated. For kitchenette or cottage. A real value. **No. 8202. List Price \$5.00. NET PRICE..... \$3.33**

## GOLD SEAL HEATING PAD



An excellent quality, heavy eiderdown pad with silk cord and washable slip cover. Furnished in four colors. Is uniform. Triple heat. Complete with switch and cord.

**No. 8211. Blue. Retail, \$5.50**  
**No. 8212. Rose. Your Price**  
**No. 8213. Tan.**  
**No. 8214. Gray.**

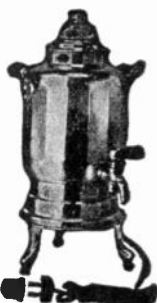
**\$3.66**

## GOLD SEAL PERCOLATOR

10 Cup

A well designed Colonial style percolator equipped with mechanical pump to force percolation within two minutes. Very economical. Wonderfully finished. Beautiful design. Non-heating handle and faucet. Comes complete with cord and plug.

**No. 8203. Retail \$7.00. YOUR PRICE \$4.67**



## Two Piece Electric Percolator

Colonial style panelled polished aluminum percolator, 13 inches high. Operates on 105 to 120 volts D.C. or A.C. Guaranteed for one year. Holds 8 cups. Complete with cord and plug as shown. Quick percolation. A leader in its field. **No. 8205. List Price \$3.75. YOUR WHOLESALE PRICE COMPLETE \$2.20**



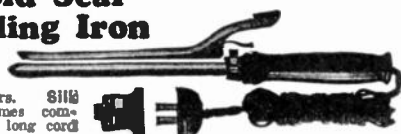
## Electric Hot Plate



Shielded from the table beneath. Special high grade heating element. Guaranteed for one year. Extra heavy steel holding 150 pounds weight. Removable legs. Size 4 1/4 x 7 1/4". Operating on 105 to 120 volts A.C. or D.C. A real quick heating hot plate. A stove with a hundred uses. **No. 8206. Retail list, nickel finish, \$1.75. YOUR PRICE EACH .... \$1.05**

## Gold Seal Curling Iron

Handsome iron furnished in four colors. Silk cord. Comes complete with long cord and plug.



**No. 8207. Blue.**  
**No. 8208. Pink.**  
**No. 8209. Ivory.**  
**No. 8210. Black.**

**Retail \$1.00. YOUR PRICE.**

**67c**

## Belmont Treeliter

A novel treeholder with colored flood lights which every Christmas tree needs. Will hold the tree securely and add new beauty and effectiveness. Complete with extension cord. A well in the center for water to keep the tree fresh. The ideal Christmas item. Wonderful for dealers' windows. A flasher is in series with the tree wire. Heavy steel construction.



**No. 8204. List Price \$6.50. YOUR PRICE .....**

**\$4.22**

# Electrical Supply Specials

Fully Guaranteed Holiday Sellers

## SUNBEAM

The Guaranteed Electric Iron



The nationally known and advertised guaranteed iron. Double nickel-plated and polished. Will not be harmed by continuous operation. One of the fastest sellers on the market. Sold with or without blue enameled steel case. This is the finest iron on the market.

No. 8232—List Price \$7.50

**Your Price, \$4.95**

No. 8233—List Price including case, \$8.50

**Your Price, \$5.67**

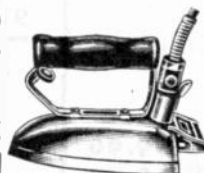
## Permway Iron

The nationally known Permway iron equipped with heel rest, including stand, cord and plug. Genuine nichrome element. Highly polished, nickel plated, evenly distributed heat. Weight 6 pounds. List, \$3.50.



No. 8219. **\$2<sup>10</sup>**  
YOUR PRICE...

## Hotpoint Super Iron



Nationally advertised, fully guaranteed six-pound iron. For 105 to 120 volt current. Has back rest, no stand needed when not in use. Completely nickel plated with ebonized wood handle including thumb rest. Price includes 6 ft. cord and plug.

No. 8220. **\$4<sup>15</sup>** | No. 8221. **\$3<sup>60</sup>**  
Retail, \$6.00. | Model R, 6 lb. |  
YOUR PRICE | Retail, \$6.00. |

## Hotpoint Toast-Over Toaster

Will toast two large slices of bread. Bread flops by turn of knob. Made of highly nickel-plated steel, polished. Complete with cord, switch and two-piece plug.

No. 8217. 110 Volt. List, \$6.00. **\$4<sup>20</sup>**  
EACH

No. 8218. 32 Volt. List, \$6.50. **\$4<sup>55</sup>**  
EACH

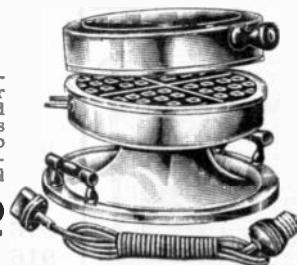


## Gold Seal Waffle Iron

Makes full sized waffles. Nichrome element. 7½ in. diameter waffles. The finest iron you could buy. Metal parts made of brass nickel plated. Well packed. Drip pan prevents batter from dropping to table cover. A wonderful value.

No. 8222. List Price, \$7.50.  
YOUR PRICE

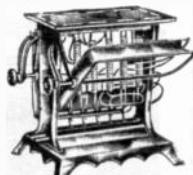
**\$4<sup>90</sup>**



## Gold Seal Reversible Toaster

A toaster of special construction toasting the bread evenly without bulging, scorching, or burnt centers. Nickel plated, including 6 ft. cord—an extraordinary buy.

No. 8223. List Price, \$3.50. **\$2<sup>34</sup>**  
YOUR PRICE...



## Rogers Waffle Iron

A full size 7 in. griddle. Solid cast hinge. Chromel "A" element. Two minute bake. Fully guaranteed. Absolutely no switching necessary. 110 to 120 volts current.

No. 8224. Retail Price, \$6.50. **\$4<sup>28</sup>**  
YOUR PRICE.....



## Hotpoint

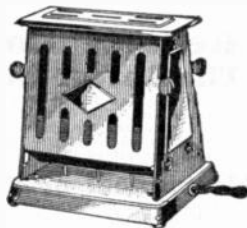
## Plymouth Percolator and Sets

A very attractive percolator fashioned after Puritan period lines. Has fuse-type cased nickel plated body and hinged lid. Six-cup capacity.

	List	EACH
No. 8225. Percolator, six-cup.	\$9.00	\$5.82
No. 8226. Complete set.....	14.25	9.23
No. 8227. Creamer & Sugar..	4.00	2.59
No. 8228. Tray, 12 in. round.	1.75	1.13



## Guaranteed Toaster



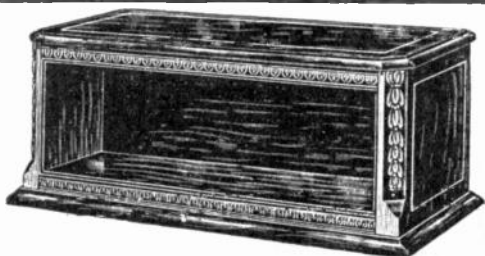
Toasts two slices of bread. Operates on 105 to 120 volts. Nichrome ribbon wired. Very high quality. One-year guarantee. Insulated handles. Highly finished nickel plate. A wonderful buy.

No. 8229. Retail **\$1<sup>05</sup>**  
List, \$1.75. YOUR  
WHOLESALE PRICE

HAMILTON-CARR CORPORATION, CHICAGO, ILL.

111

# QUALITY CABINETS



## GENUINE WALNUT CARVED CABINETS

One of the most beautiful walnut cabinets ever designed. Attractive, gracefully designed, beautiful cabinets. Finely finished, hand rubbed. Full 10 in. depth. Beautiful appearance. Perfectly matched grain and color. Quality workmanship. Exceptional quality. Remarkable low price. These are the new cabinets as illustrated with the latest kits and the new improved circuits. An astounding value.

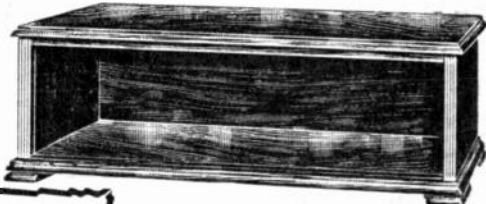
### Carved Cabinets

Genuine solid walnut cabinet. Highly finished, hand rubbed in natural color. Heavy post construction. Carved with artistic finish. Nickel piano hinge. Heavy substantial top. Front, sides, top and back have raised panel effect. Full 12 in. depth.

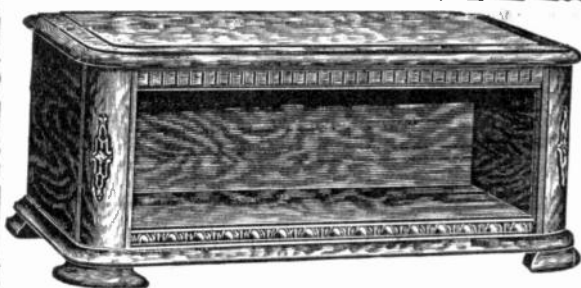
No.	Panel Size	List Price	NET
9151	7x18	\$21.00	\$9.90
9152	7x21	22.00	10.40
9153	7x24	22.50	10.60
9154	7x26	23.00	11.10
9155	7x28	23.50	12.25

No.	Panel Size	Depth	List	NET
9146	7x18	10"	\$11.00	\$6.75
9147	7x21	10"	12.00	7.35
9148	7x24	10"	13.00	7.80
9149	7x26	10"	14.00	8.40
9150	7x28	10"	15.00	8.95

### DeLuxe Mahogany Cabinets



Beautiful hand rubbed mahogany finished cabinets. Finely constructed and durable. Has over-hanging top. Grooved for 4-in. panel. All standard sizes. Wonderful values. All sizes 10 in. deep. The best buy on the market.



No.	Panel Size	Your Price
9157	7x18	\$3.95
9158	7x21	4.40
9159	7x24	4.70
9160	7x26	4.95
9161	7x28	5.25
9162	7x30	5.85

## Remote Control The Latest In Radio

The only really new feature at the 1927 Radio Show is the Remote Control for single control sets. Provides a means of adjusting the volume and tuning in any single-dial radio set from most anywhere in the room without even approaching the set.

### Mechanical or Electrical

Either mechanically or electrically operated. Electrically. It is simply attached and includes a small motor. By throwing a switch, any single-dial set will begin to revolve and may be stopped as you sit comfortably back in the chair many yards away and listen in. Both electrical and mechanical types include volume control.

No. 4198. Mechanical Remote Control including volume control used on any single-control radio set.

Retail Price \$18.00 **\$11.48**  
YOUR PRICE



No. 4199. Electrical Remote Control, including volume control, motor, with full instructions for automatically tuning the radio set so one may sit anywhere in the room with the radio set tuning itself.

Retail Price \$60.00 **\$38.20**  
YOUR PRICE

# Roamer Portable WITH ENCLOSED LOOP

Portable receivers are gaining great popularity. They may be taken anywhere and used under any conditions. For traveling men, tourists and vacationists.

The Roamer Portable is a 4-tube selective receiver having the volume and use of a 6-tube set. This receiver has been designed so that 6- and 7-tube results are obtained with a combination of radio frequency, reflex and regeneration. Its efficiency has in no way been impaired by its installation in a portable case. It gives remarkable service, distance and selectivity.

## Enormous Volume

Reception of over 1,000 miles has been received on tests with full loud speaker volume. Such results are remarkable. They can be obtained consistently under normal conditions.

Dry cell tubes are used—that is, 2-100 and 1 type 120 power tube and they are exceeded by leading authorities to be the most efficient amplifiers. Our price on the Portable Set is far below the normal price of any portable which will give anywhere near the results.

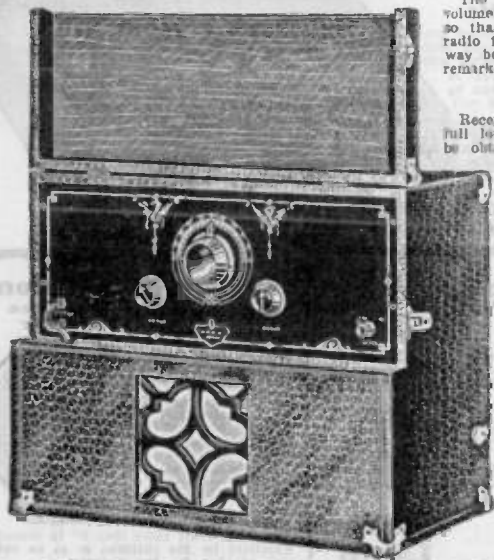
## Compact and Commodious

Ample battery space is provided in this especially designed portable case. Uses 90 volts "B" battery and 6-1½ volt dry cells, all in the cabinet. The case is substantially constructed. Spanish leatheroid covered with nickel corners—a beautiful case. Side 21" long, 10½" deep and 15½" high. Loop is mounted under rear cover. Weight 17 pounds. With accessories weighs 43 pounds. Loud speaker is designed with a good unit.

No. 9087  
List Price \$75.00 **\$28<sup>95</sup>**  
YOUR PRICE.....  
Without accessories, including unit and horn and with built-in loop.

## Complete With Accessories

Equipped with 90 volts "B" battery, 6-1½ volt dry cells, 1 "C" battery, 3 type X109 tubes, 1 type X120 power tube, nothing else to buy.  
No. 9088. YOUR PRICE..... **\$39<sup>75</sup>**



## Radio Cabinet Table

New medium priced, attractive, substantial radio cabinet designed to accommodate any radio set and all batteries, chargers, eliminators and power units. Attractive in appearance with mahogany finished legs and substantial top front ends and back made of special panelling covered with Spanish grain enameled leatherette.

## Tremendous Value

The special Spanish grain makes a beautiful finish which will not mar and harmonizes with the best furniture. Front door opens for accommodating batteries and power units and when closed completely hides these unpleasant appearing power accessories. Ventilated at the top of side and back panels. Shipped knocked down in dustproof carton. May be assembled by anyone in a few minutes. Dimensions: height 30 in.; top, 18x36; battery compartment, 13-35.

**\$7<sup>35</sup>**

No. 9170. List, **\$12.50** NET.....

## Portable Case Black Alligator Finish



9173  
Light in weight with commodious battery compartments, this portable case is exceptionally adaptable to the installation of any radio receiving set having a 7x18 panel size. Over-all dimensions: 25" length, 10½" depth and 15½" width. Substantially and sturdily constructed with Spanish leatheroid covering. Protective metal corner brackets. Front and back hinged. The back is equipped with brackets for winding loop. This is a distinct advantage. A specially constructed, scientifically correct loud speaker is built in this portable case. The loud speaker will take any standard unit with a connector. The weight of the case is 10 pounds. Beautiful in appearance, compact. Worth \$25.00. Shipping weight, 15 pounds.

**\$8<sup>90</sup>**  
Our Special Offer to You.....

## Folding Radio Table

A sturdy folding table for any set. Has battery shelf where all accessories may be kept. Top and sides of special vulcanized trunk floor. Dark green waterproof leatherette covering. Well braced with hardwood side rails. Dark mahogany finish. Has protective metal corner brackets. Height 28", width 20", depth 16½". Shipping weight 14 pounds.  
No. 9172. YOUR PRICE.....

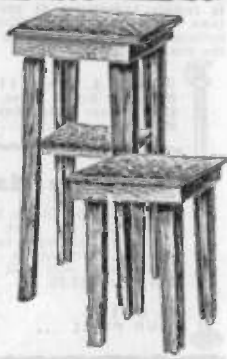


**\$3<sup>15</sup>**

## Loud Speaker Stand and Radio Stool

Attractive radio stool and loud speaker stand. Finished with beautiful enameled leatherette covering. Mahogany finished legs. Matches the radio cabinet and will harmonize with any other radio console and finest furniture. Height is 19", top is 13½" square. Loud speaker stand is 23" from top. 15x14". Popular fast selling item. Practically everyone needs a radio stool and a stand for the loud speaker. Shipped knock down in dust proof carton. Easily assembled by anyone in a few minutes time.

No. 9169. List, **\$3<sup>95</sup>**  
\$6.50. One set; one stool and one loud speaker stand. NET..



# Electric Xmas Tree Outfits

**A Big Holiday Seller**  
**Genuine Mazda Electric Light Outfits**

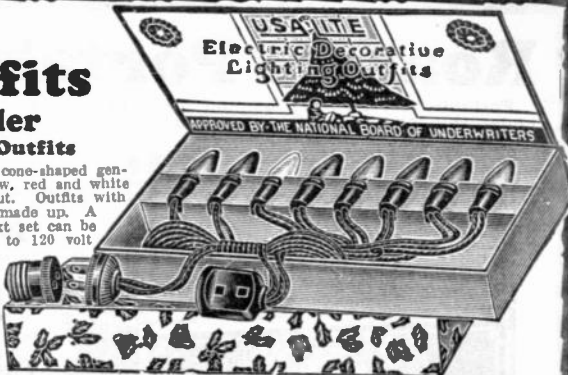
Here is a Christmas tree lighting outfit with eight cone-shaped genuine Mazda bulbs in assorted bright blue, green, yellow, red and white colors. An outfit that is of highest quality throughout. Outfits with any number of lights desired (in units of 8) can be made up. A connector is wired in the circuit of each set. The next set can be plugged into connector, etc. Connects with any 105 to 120 volt electric light socket. Long handy cord, eight socket springs included. Makes attaching to tree branches quick and secure. All complete and ready to use. Truly a fast holiday seller.

No. 8230. Retail Price, \$2.50. Your Price each .....

No. 8231. Extra Lamps any color. Your Price each .....

**\$1.48**

**8c**



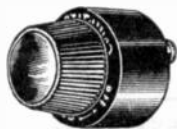
## C. R. L. Station Selector

**Not a Wave Trap**

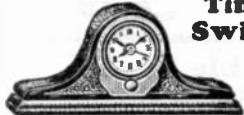
Tunes out short wave interfering stations. Increases selectivity of any set on stations close to locals. No adjustment. Simply turn on and off. It is impossible to separate stations that transmit on the same wave length. Stations that broadcast close enough to each other to cause interference however may be separated with ease with the Centralab station selector. Makes local stations tune sharply. Simple to install, just connect it in series with antenna lead in.

No. 6212. List Price, \$1.00. PRICE .....

**60c**



## Time Lite Electric Time Switch



A splendid quality, beautiful clock fitted with an electric switch device which shuts off or turns on your radio set any moment you desire. No harm if you forget to shut off your set if Time Lite is on the job. Pretty bronze finish case with 30-hour reliable movement. Two radio regulator hands, one for turning on set one for shutting off. Easily connected, only one wire affected. Uses no current.

No. 6213. List Price, \$4.22. Your Price, \$3.50. NET PRICE, \$3.50.

## In-A-Cap Hydrometer

A novel hydrometer that precludes the possibility of acid spilling when testing storage batteries. The hydrometer will fit into the screw vent of all standard storage batteries. Simply remove the caps from the batteries and screw in an In-A-Cap Hydrometer in the vent of each cell. Not necessary to remove hydrometer at any time to take a reading. The hydrometer will show instantly the condition of each cell.



No. 6214. Retail Price per Set of Three, \$3.00. Your Price Set of Three .....

**\$1.30**

## Pipe Mast

Tubular Steel Radio Masts. Complete with guy wire, pulley and anchors. Telescopes to 4 foot and may be extended to 7 feet. For sloping roof, side wall or flat roof. List Price, \$2.50.

No. 6215. YOUR PRICE ...

**\$1.45**



## Dialite Lamp

List Price, \$3.00

No. 6216.

**\$1.18**

The Dialite lamp is only 5" high and is beautifully finished in gold. Placed on top of your radio set and connected with your battery, it will light up the panel of your set without causing glare in any way. Fully shields the light from your eyes and yet furnishes plenty of light for tuning and adjusting your set. Has weighted base and 3 ft. cord.

The Dialite lamp connects with your 6-volt storage battery. It is furnished with bulb complete. Has adjustable arm and shade. Beautiful in appearance. Light and portable. It can easily be moved. Beautiful and distinctive in appearance. A necessary addition to any set.

## Vimco Radio Light

Lights up the dials or panels of any radio receiver. Can be adjusted to any position. Designed specifically for radio, not an ordinary lamp adaptation. Can be attached to any house lighting circuit. It is not operated from and does not drain the batteries of any radio set. Finished in rich, soft bronze. The base of white metal is heavily weighted to prevent tipping. Takes candleabra lamp. Extra long length of silk cord with plug included.

No. 6217. List, \$3.85 without lamp. NET....

**\$2.25**



## Na-Ald Midget Cone Speaker

**Tiny Cone Speaker**

A unique working model of large sized cone speaker. Ideal for personal use when a larger speaker would give too much volume or for operation late at night without causing disturbance. A perfect cone speaker of good tone barely more than 6" in diameter. Excellent for the children or as an extension speaker for the bedroom.

No. 6218. List Price, \$2.00. NET .....

**\$1.18**



## Matchless Lighter

A new improved cigar and cigarette lighter. Knurled driving wheels of friction disc permit either right or left hand operation. Slight downward pressure with thumb causes spark from flint to ignite wick. Also magazine for two extra replacement flints. Benzine refill chamber of ample capacity with leak proof refill cap. Small, smooth and compact with no sharp corners to catch clothing.

Ing. A piece of jewelry beautiful in appearance and proportion.

No. 6219. Triple plated silver finish. Retail Price, \$3.50. YOUR PRICE .....

**\$2.27**

## Matchless Lucifer

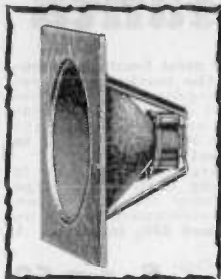
A new electric automatic cigar lighter so scientifically designed as to be virtually trouble proof. Produced in richly colored genuine bakelite with a base of plated nickel. When lifted it automatically lights and when set down it automatically turns itself off. No more matches, contains no flint, gas or lighting fluid. Fully electric. Complete with cord and plug for instant attachment.

No. 6221. Retail Price, \$3.50. YOUR PRICE.....

**\$2.24**



## Amplion Cone Speaker



This is a wonderful console cone speaker. Full floating with metal supporting frame with brackets for mounting inside of console or cabinet. A \$25.00 value. Unconditionally guaranteed. Reproduces high and low notes alike. A tremendous value. We feature this tremendous value and offer it to you ready to mount in your console with no additional expense. This unit uses the pin-type stylus. May

also be attached to the wall or any wood cabinet. Formerly retailed for \$42.00.

No. 8541. List Price, \$30.00. YOUR NET PRICE

**\$6<sup>65</sup>**

## Temple Drum

This is the Temple Drum Speaker. Not of the cone type but with an air column designed so that it will reproduce music for true music lovers with a purity of tone, a murmur of bass notes and a mellow beauty over the entire scale. Fifty-four inch air column, diameter 11½ in., depth 7½ in.



It may be enclosed in any console or cabinet. Sold without unit but with aperture so that any unit can be adapted. See our speaker unit pages.

No. 8542. List Price, \$14.00. YOUR NET PRICE

**\$8<sup>40</sup>**

## Temple Comparator



For the dealer who wants to compare speakers, this unit will permit the quick switching from one speaker to another without the loss of a single note. Seven speakers may be attached at once and compared. A wonderful seller.

No. 1178. Retail \$3.50 YOUR PRICE

**\$2<sup>10</sup>**

Buy one of our six or seven-tube receivers, fully guaranteed. Sell from sample. Your opportunity for larger sales and bigger profits ahead of you.

## Orthophonic Horn

72-Inch Throat



A very graceful, compact, nonvibrating moulded wood tone chamber. Sweet and mellow as a violin. Scientifically constructed to reproduce high and low notes without distortion or vibration. This is the last word in total reproduction.

Saves space and fits any Orthophonic cabinet or any wood cabinet designed for it. May be put behind your console and used with any good unit. See our speaker unit pages. Shipped in light weight wood box. A wonderful value.

No. 8544. YOUR SPECIAL PRICE

**\$8<sup>75</sup>**

## Hi Boy Horn Speaker



This horn is made of impregnated fabric and hardened and is vibrationless and acoustically correct. Very light in weight and non-porous.

This is the famous Hi Boy type 105. May be installed in any console or cabinet and may be used with any good unit. Very compact. Bell 12x6¾ in. Depth 5½ in.

No. 8543. YOUR PRICE, EACH

**\$2<sup>95</sup>**

## Temple Console Speaker

Beautifully finished in walnut Spanish design, containing a large tone chamber and 18-in. drum and priced right. Many will prefer this wonderful value in a speaker console. Lovers of music dream of the effects that this long air column type speaker can give them in results, particularly on organ music or especially low or high notes are appreciated.

No. 8545. List Price, \$65.00. YOUR PRICE

**\$38<sup>22</sup>**

## Na-Ald Electric Pick-Up



Our special recommendation. With built-in volume control, needle scratch filter, patented clip and switch connection which saves the detector tube. Excellent results on a radio set or in combination with a good amplifier. Convert your phonograph to the late Orthophonic type with power amplification.

No. 1179. Price, \$10.00. YOUR NET PRICE

**\$5<sup>88</sup>**



The Console Speaker

# The Infanta

On the left is pictured the most beautiful genuine butt walnut console on the market today regardless of price, with mahogany overlays, two-toned ebonized border, acrawl overlays on the side panels, carved effect legs and two-tone highlighted finish. This console is the last word in beautiful design and construction.

Center section opens for large throat speaker in which there is a 60 in. long Orthophonic type speaker horn. Spacious room for accessories. When door is dropped, will accommodate sets up to 30 in. wide, 8½ in. high and 13½ in. deep. A wonderful buy.

No. 8888. The Infanta Console beautiful with 60 in. long throat speaker. Retail Price, \$95.00. **YOUR PRICE..... \$49<sup>50</sup>**

No. 8889. Complete with genuine Amplion \$12.00 speaker unit. **YOUR PRICE..... \$55<sup>00</sup>**



## Walnut Silver Hi Boy

Made of genuine walnut, two-tone, highlight. Satin wood overlay. Ebonized border. When open has large grill on lower section with compartments for accessories; with radio set in upper section. Accommodates sets up to 21 in. wide, 8½ in. high and 13 in. deep. Speaker of the long throat type is supplied without unit. A truly exclusive design. Console dimensions, 26 in. wide, 17 in. deep, 48 in. high.

No. 8890. Console pictured on the right. Retail Price, \$70.00. **YOUR PRICE \$36<sup>95</sup>**

No. 8891. With genuine \$12.00 Amplion Speaker Unit. **YOUR PRICE..... \$42<sup>45</sup>**



## The Spanish Operetta

A masterpiece in design, construction and finish. Panelled doors of select butt Walnut overlaid with figured mahogany and inlaid designs. Heavy scroll rail, two-tone, frieze top and bottom. When open has large spacious compartments for accessories. 60-in. tone travel horn of the Ortho-type. Will accommodate sets up to 30 in. wide, 8½ in. high and 13½ in. deep. The most exquisite piece of workmanship obtainable. Truly a wonderful buy.

No. 8892. Retail price \$165.00. **YOUR PRICE..... \$89<sup>85</sup>**

No. 8893. Console on the left with genuine \$12.00 Amplion Unit. **YOUR PRICE..... \$95<sup>35</sup>**



# Spanish Period Consoles



**THE QUEEN**

ON THE right herewith is pictured a truly Spanish Eighteenth Century design. Made of genuine butt walnut with birdseye maple overlay in antique highlighted finish. Large horn compartment on top of console with pure tone long throat horn. Will accommodate sets up to 24 in. wide, 8½ in. high and 13 in. deep. Spacious compartments for all accessories, eliminators, batteries, etc.

Photograph shows the Queen console closed. Speaker closest to top permits comfortable tuning of the set below it. This is truly the Silverchest Spanish design of the day.

No. 8886. Spanish Queen design as pictured on the right for any set from 7x18 up to 8½x24. **\$49<sup>50</sup>**  
Retail Price, \$85.00. **YOUR PRICE** .....

No. 8887. Your price with genuine **\$55<sup>45</sup>**  
Amplion \$12.00 list Speaker Unit.....

These consoles may be shipped from our Chicago warehouse or from our factory, centrally located. If units are ordered, they will be shipped in separate package from the consoles, which are fully packed in substantial crates.

## THE RIVIERA

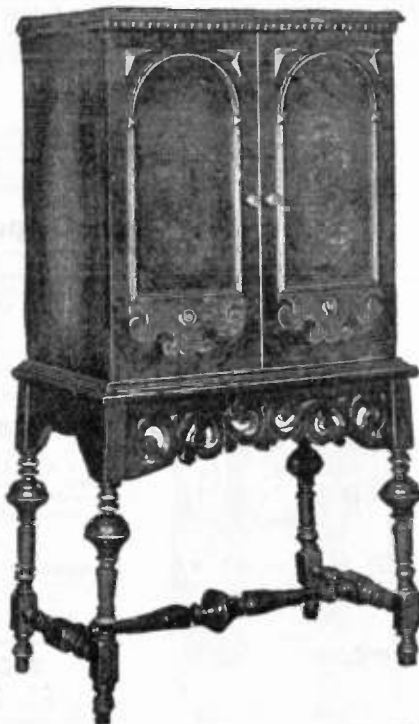
THIS is truly a superb example of the designer's art in ornamentations, inlays and shadings, all harmoniously blended. Four door front of select butt walnut, beautifully panelled and shaded. Rich wood inlay ornamented with antique turnings. Shaded and high-lighted. Very distinctive lower construction.

## CONSTRUCTION DE LUXE

The photograph on the left shows the Riviera closed. When open it has space for radio set. Will accommodate radio sets up to 30 in. Spacious room for eliminators or batteries. Has 60 in. pure tone deluxe wood horn and is offered to you with or without speaker unit. A truly wonderful creation.

No. 8854. Re- **\$110<sup>00</sup>**  
tail price, \$195.00. **YOUR PRICE**.....

No. 8885. The Ri- **\$115<sup>50</sup>**  
viera complete with genu-  
ine \$12.00 Amplion  
Speaker Unit.....



# Knight 8 Tube Single Control Fully Shielded—Illuminated Drum

**8 TUBE  
CHASSIS**

List Price \$30.00  
**YOUR NET PRICE**

**\$39<sup>50</sup>**

**No. 9093**



Licensed under R. C. A., General Electric and Associate Patents.

**Completely shielded single illuminated drum  
control powerful EIGHT TUBE RECEIVER**

## Nothing Better At Any Price

### Compare These Features

Fully Shielded	Enormous Power
Single Control	Brass Construction
Friction Drive	Push-Pull Full-Wave Power
No Back Lash	Amplification
Illuminated Drum	Matched Space-Wound In-
Hair-Line Selectivity	ductances
	Genuine Walnut Cabinet

Here is the supreme offer of the 1928 Radio Season. The Knight Single-Control 8 is far ahead in radio design. It employs the latest features in simplified tuning, accuracy of construction and built-in power amplification.

### Powerful—Selective

Designed to meet the abnormal conditions of the most crowded broadcasting district in the world. It has proven its efficiency by cutting through the maze of powerful local transmitters, bringing in far-distant stations with power and full volume. Nothing like it ever before heard of. The ultimate in radio design.

### Marvelous Tone

By virtue of the new push-pull, full-wave power amplifier built right into this powerful 8-tube receiver, the tone quality—the perfection of reproduction—is astounding. Music and speech are amplified to such a degree of perfection that artists actually seem to be playing before you in person. The volume is tremendous and is controlled at will by a single small knob. Uses the latest power tubes and is adaptable to operation with batteries or eliminators.

### Attractive Appearance

The symmetrical design of the panel is graceful and pleasing to the eye. Beautifully etched and embossed bronze escutcheon plate behind which is the illuminated double drum with fine scale readings on one side and ample space for logging stations on the other. Two miniature Mazda lamps behind the translucent scales illuminate the drum, simplify tuning and enhance the panel appearance. The metal panel is richly finished in verdigris, giving a striking effect of beauty.

### Your Opportunity—Sell From Sample

An unusual offer. You can buy this powerful licensed chassis only without cabinet and install it in any console. 8x18 panel. Furnished for straight or cloning cabinet. Depth, with straight panel, 9 in.—with sloping panel, 10½ in. The performance of the sample is certain to attract wide attention, making possible volume sales with small investment. No. 9093. Chassis only. List, \$30.00. **YOUR PRICE**.....

**\$39<sup>50</sup>**

### Knight 8 in Cabinet

The Knight 8 in genuine walnut cabinet, as pictured. Richly finished, hand rubbed, heavy, solid construction. Full piano hinge. Wonderful value. No. 9094. List, \$125.00. **YOUR PRICE**.....

**\$48<sup>50</sup>**

### Complete With Accessories

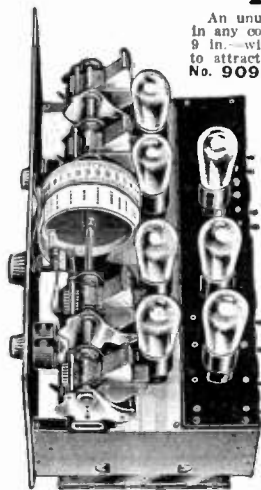
Knight 8 in cabinet, as pictured, with 5 X201A tubes, 1 X200A detector and 2 X112 or 171 tubes, 1 100-amp. storage battery, 3 45-volt "B" batteries, 1 4½-volt "C" battery, 1 aerial kit and 1 Operetta drum cone. **YOUR PRICE**.....

**\$75<sup>25</sup>**

### Electrically Equipped **YOUR PRICE**

No. 9095. Furnished complete for socket power operation with 1 Super-power "A" eliminator, 1 Super-power Model 180 "B" eliminator, 5 201A tubes, 1 200A detector tube, 2 112 or 171 power tubes, 1 4½-volt "C" battery, aerial kit, Operetta drum cone.

**\$98<sup>50</sup>**



### EXCLUSIVE AGENTS WANTED

Write for agents proposition offering exclusive territories and big profits. Lowest wholesale prices. A big money making opportunity for wide awake agents.



**7-TUBE**

**Single Illuminated Control**

# SENIOR ELECTRIC SET

**A Real Electric Table Receiver**

**Your net Wholesale Price**

**\$53<sup>75</sup>**

Plug in and tune in. When you are through your set is off. This set has a single dial control with illuminated drum rotating toward you. Numbers reading on the left and space for logging on the right. ~~Only a~~ volume and clarity control. Simple to operate. ~~No attention~~ required.

**Manufactured Under Patents of R. C. A.**

These sets are licensed under Radio Corp. of America and associates patents, insuring the advantage of all of them and giving their protection.

The beautiful green black metal panel around which is a thick beautiful walnut panel-trim. The top of the cabinet is matched blue walnut, beautiful, well finished. The set itself is of the 7-tube variety using matched tubes and an 85 mfu power supply tube with a 112 tube for a power amplifier.

Completely shielded construction. ~~Radio~~ radio frequency unit with space-wound solenoid ~~cells~~ separated from the 3 stages of power audio amplification. ~~renders~~ the finest tone quality, no interstation coupling, distance reception. It is one of the few socket ~~power~~ receivers on the market today.

**The Cabinet Beautiful**

Set this cabinet on one of our radio tables either with or without built-in speaker as pictured on page 125. They will match in beauty and in their walnut construction. Size of this cabinet is fully 24 in. wide, 16 in. deep and 12 in. high. The large cabinet alone is worth \$16.00. No batteries, eliminators or other accessories except a speaker. There are no trimmers to this set. It is sharp tuning, selective, tremendous volume, complete with battery cable.

The tuning condensers are modified straight line frequency, all on one shaft controlled by one single drum. The construction of the chassis alone you can see on Page 123, except that those chassis are not for socket power equipment.

No. 9003. The Senior Electric Set, complete, ready to plug in, needing only 5 type 122 tubes, 1 112 tube and 1 Raytheon 85 mil. B-H tube, 1 aerial kit and 1 speaker, ready to plug in. ~~retail~~ list-price \$135.00. **YOUR NET \$53<sup>75</sup>**

**WHOLESALE PRICE**

**Complete Ready to Operate**

No. 9004. Senior Electric 7-Tube receiver as described and pictured, complete with 5 type 299 tubes, 1 type 112 power tube, 1 genuine Raytheon 85 mil. B-H tube, aerial kit, 1 7 1/2-volt "C" battery, instruction for operation, including cord and plug, but without speaker. **YOUR NET WHOLESALE PRICE.....**

**No Batteries, No Eliminators, No Chargers, No Acids, No Boxes, No Hum, No Noise, No Howling, Clear Undistorted Reception, Just Plug In and Listen In**

**\$67<sup>75</sup>**

See special speaker bargains on speaker pages, also special drum speaker offer on Page 71. See Page 131 for cone speaker table special.

**Manufactured under Patents of**

**Radio Corporation of America-General Electric and others**

**HAMILTON-CARR CORPORATION, CHICAGO, ILL.**

# Famous Simplified Six

## The New Simplified Control

**W**E OFFER here the famous Simplified Six. It is the new Simplified Control Receiver tuned with one hand on three rotating drums which are easily controlled. The beautiful dark finish etched panel matches the handsome mahogany finish which is hand-rubbed. Full size of cabinet 7x22, sloping panel.

### Sales Features

The set is of the 6-tube design, giving tremendous volume, wonderful tone quality, latest developments in straight line condensers, solenoid coils, sub-base mounting and new amplification. A beautiful receiver in a beautiful cabinet. It is sets like this that are designed to sell for over \$100.00. Its appearance will sell it, let alone its operation. Has provision for a power tube if you desire it and an additional tap for increased "B" battery voltage for dance-hall volume, although it is not necessary.

### Beautiful Design

The fine looking cabinet, the sloping panel design, makes this a desirable radio set. It is priced exceedingly low and is offered to you at a special price below what it ordinarily sold for. Here is an opportunity to get in on a real buy.



**Sells Like Wildfire !**

**No. 9046—Retail List \$60.00—Your Net Wholesale Price . .**

**23<sup>75</sup>—**

An extra feature is the addition, making power amplification possible. Our diagram shows how one more battery will permit the use of a power tube.

Buy one Simplified Six as a sample. Sell from it. Earn big profits. Its appearance will sell it and its operation will keep it sold. Thousands of users throughout the country testify to the quality of these receivers. This receiver should retail for \$80.00 and not the list price we place on it. It is an extraordinary fine value and we know it will please your customers as well as yourself. Beauty, volume, distance, selectivity and simplicity of operation are its features.

### For Dry Cell Use

The Simplified Six will operate for dry cell use as well as storage battery. Please specify for dry cell use when ordering the receiver alone. Accessories for dry cell use include 2 45 v. "B" batteries, 1 4½ v. "C" battery, 6 1½ v. dry cells, 1 aerial kit, 1 cone or horn type speaker, 6 type X-199 tubes. Battery cable is furnished with receiver.

### Complete With Accessories

No. 9047. The Simplified Six, complete with 6 type X-201A tubes, 1 100 A. II. storage battery, 2 45 v. "B" batteries, 1 4½ v. "C" battery, aerial kit, quality cone speaker or victor horn speaker (state which) with complete instructions. Battery cable is included with receiver. Your Price **\$46<sup>75</sup>—**

### For Socket Power Operation

No. 9048. Simplified Control Six with Super Power combination "A" and "B" eliminator (Raytheon type) for 105 to 120 volt, 50-60 cycle A. C. current, 1 aerial kit, 6 201A tubes, 1 4½ volt "C" battery, instructions for operation, nothing else for your customer to buy **\$62<sup>50</sup>—**

See Page 131 for walnut battery and speaker tables to fit this set.

# Silver Dearborn 8

*The Most Beautiful Solid Walnut Console Set Built*

for Batteries or  
~ Socket Power  
~ Fully Shielded  
~ Single Control  
~ Illuminated  
~ Drum  
~ Tone Quality  
~ De Luxe  
~ Thousands Sold

LICENSED  
UNDER PATENTS OF  
**Radio Corporation &  
General Electric Co. & Associates**

**\$79.50**

Tube Console Set, with built-in loud speaker and Baldwin or Amphon unit.  
**YOUR NET WHOLESALE PRICE...**

Retail list price,  
\$200.00.

No. 9038. The Silver Dearborn 8-

**\$79.50**

## For Battery Operation

No. 9039. The Silver Dearborn 8 Console Set, as described and featured, with 6 201A tubes, 2 112 power tubes, 1 aerial kit, 1 7½-volt "C" battery, 3 45-volt "B" batteries, 1 100-A.H. storage "A" battery, complete instructions, ready for operation. **YOUR NET WHOLESALE PRICE...**

**\$102.00**

## Socket Power

No. 9040. The Silver Dearborn Eight, complete, ready to plug in light socket, with 1 Super-Power combination "A" and "B" eliminator, (Raytheon type) to operate on 105 to 120 volts A.C. only, 50-60-cycle, 1 aerial kit, 6 201A tubes, 2 112 power tubes, 1 7½-volt "C" battery, and instructions. A \$300.00 value—complete in every respect..

**\$123.50**

The Silver Dearborn Eight is fully described on other pages of this catalog. Only one knob to tune. It is being offered here at a ridiculously low price. Completely shielded with four stages of tuned radio frequency, two stages of resistance coupled audio amplification and one stage of two tubes with two power transformers. Delivers tremendous volume with hairline selectivity and wonderful tone quality.

## The Console Beautiful

Too much cannot be said about this beautiful burl walnut front, genuine walnut console. It stands 61 in. high, is 25½ in. wide and 17 in. deep. It is the same design as the Silver Chest and can be put in a dining room. A beautiful panel in soft green is offset by an etched bronze escutcheon plate, countersunk deeply into the panel and right up to the face of one illuminated drum with numerical readings and with a section on one side for locking. No backlash with this method of vernier adjustment.



Buy this console set for either storage battery or electric operation. You will never regret it. Shipped fully crated with full instructions for your customer.

# Radynola Grand Six

## The Biggest Two Control Six Tube Value For A Price That Will Astound You

**S**TURDILY constructed, substantially built and finished in a smooth hand-rubbed dark mahogany, this console represents the best dollar and cents practical value in a 6-tube receiver which the market today affords, nor do we believe that a year from now there will be such a value as the Radynola Grand Six.

### With Built-In Speaker and Quality Unit

It is the Radynola 6-tube set built into this sturdy console with built-in loud speaker and with compartments for batteries that has excelled the market.

Small dealers have been known to purchase a sample and to have sold consistently from that sample at prices greater than our list price, selling for cash and on installments and reaped a tremendous harvest of profits and well-satisfied customers.

Only one sample is required. This is your opportunity. Do not miss it.



No. 9041, Retail List Price \$95.00

**Your Price \$36<sup>50</sup>**

**Really 66%  
Discount**

Radynola Grand 6-tube Console Set, as pictured, without accessories, but including loud speaker built-in and unit.

### Only Two Dial Control

Tuning with straight line condensers and solenoid coils. For a long period of time the two-dial control has been most popular and has been propagated as the ideal of sets. Although the three dial control and the single dial control have their various merits, many of your customers will prefer the two knob control because of its ease of operation and simplicity.

### Console Details

Two doors open below on large, roomy compartments for batteries, chargers and eliminators. In the center is a deep loud speaker supplied with a large balanced diaphragm unit of good tone quality. Only a quality unit is furnished to insure clear, clean, undistorted volume and clarity.

### The Fastest Console Seller

Because of the real substantial value at the extraordinarily low price, the Radynola Grand will sell like wildfire. While we try to make

prompt deliveries, we ask dealers who handle a large number of receivers to anticipate their requirements, as thousands of these sets will be sold. Get in on the profits. This set meets any and all competition.

### Greater Volume

While the volume obtainable with this 6-tube receiver is tremendous for home use, should you desire greater volume for public places, by purchasing an additional 45-volt "B" battery and 1 power tube, type X-112, listed in our catalog, you will be able to obtain it. This is a feature which few 6-tube sets permit and which you cannot overlook.

## Complete with Accessories

No. 9042. The Radynola Grand 6-tube Receiver, as pictured, including complete equipment, 6 type X-201A tubes, 2 45-volt "B" batteries, 1 "C" battery, 1 6-volt, 100-amp. hour storage "A" battery, complete aerial equipment, battery cord attached to set with complete instructions, ready to operate.

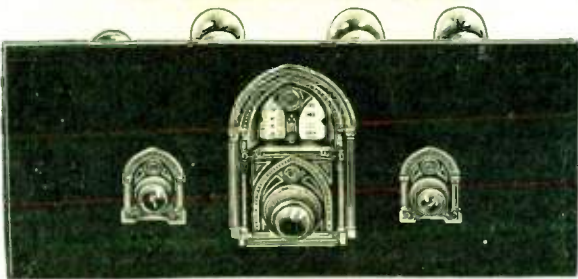
**YOUR SPECIAL PRICE . . . . .**

**\$55<sup>90</sup>**

# Single Control Chassis

## SIX AND SEVEN TUBE

ON the front pages—on our covers and in the rear color section of this book, you will find throughout, single dial control chassis—the panels and the chassis of which are pictured on this page. Each and every single control set in this book is described here-with and pictured on each page in detail.



OUR dealers can purchase the chassis alone and install in console or other cabinets which they may have on hand or make their selection from the rear color section of this catalog where dozens of different styles of consoles are pictured, described and priced very low. In this manner our dealers may merchandise whatever set they please.

## Manufactured Under Patents of Radio Corp. of America and Associates

We are in position to offer you the protection of a licensed chassis—licensed under patents controlled by the Radio Corp. of America, General Electric Co., A. T. & T. Co., and Westinghouse Electric & Mfg. Co., and their associates.

We are informed that this gives you the protection of selling a set without the liability of any patent litigation. This also gives you an advantage of purchasing a line of sets which makes use of all the valuable patents controlled by the Radio Corp. of America and their associates. This chassis incorporates the licensed tuned radio frequency circuit—the latest of circuits.

### Shielded Construction

A full and complete brass shield completely covers the entire radio frequency circuit. Sharp tuning, space wound solenoid coils. Wound in the latest and most efficient manner and equally spaced according to the finest engineering construction of today. Variable condensers all matched, and made of the finest quality aluminum.

The condensers are all tuned up and controlled by the finest form of vernier dial drive on the market by means of the large transparent drum. This drive has absolutely no backlash, is positive and tunes very sharply. Absolutely no trimmers or compensators are necessary. The new method of cascade radio frequency amplification makes the set easy to tune and still gives a fine selectivity. There is a new station at every point on the dial with no confusion and no unreasonable overlapping.

### Real Audio Amplification

New departures in audio amplification consisting of two stages of resistance coupled amplification and one stage of power transformer amplification render the finest tone quality and tremendous volume at your call. The volume is controlled by a small knob on the panel to give only the finer variations in volume and to harmonize with your loud speaker.

To prevent interstage coupling, the audio unit is constructed away from the radio unit and is shielded. Power amplification is obtained by using a type 112 tube in the last stage. The single dial control chassis or sets can be used with 3-45 volt "B".

batteries or any standard "B" eliminator and storage "A" battery charger—battery combination or better yet, an "A" battery eliminator as pictured in the center color section of this catalog.

### Illuminated Drum Control

Picture this beautiful chassis in the dark—with a strong light from two small lamps inside, illuminating the fine gradations, showing numbers, and on the other opening—which is part of the same drum—a section where you can write in your loggins and erase them if you desire.

Only one drum with two window openings—one for numbers and one to write wave length and station markings. One knob to tune. Others are merely volume and clarity controls for convenience if they need be used. Note the details of our central and only control as illustrated.

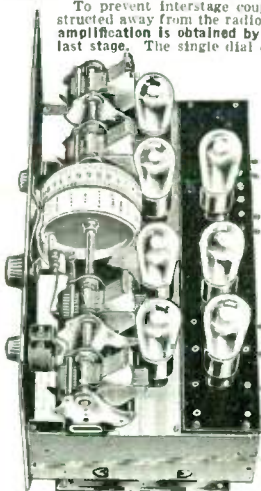
### Panel Beauty

A deep green black metal panel with no engraving, but separate beautiful heavy embossed bronze plates on the face of it, with two windows opening on one drum. The bronze is a deep color—shaded and beautiful. The openings of the windows go deeply in and are beveled right up to the face of the drum which turns so easily.

### A \$50.00 Chassis—\$23.52

The description on this page is only for the purpose of pointing out to you the extraordinary radio set values we are offering in the console cabinets designated as single dial control throughout this catalog.

Combinations of accessories and consoles to fit can be found on pages 20 and 21 and on pages 124 to 130, inclusive. Furnished only in straight front panel, size 8x18, to fit any standard console or table cabinet at least 10 inches deep.



6 OR 7 TUBE CHASSIS

### SIX TUBE

Stock No. 9051. Single dial control, 6-tube chassis, licensed, complete with panel ready to insert into any opening of cabinet or console size 7x18, or 8x18, or any 18-in. length in which the cabinet is at least 10 in. deep. Complete with all knobs, panels, escutcheon plates and all else described on this page.

YOUR NET  
WHOLESALE  
PRICE . . . .

List Price \$50.00

\$23.52

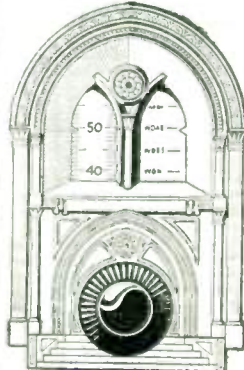
### SEVEN TUBE

Stock No. 9051A. 7-tube chassis, same construction with push-pull amplification.

List \$70.00  
YOUR PRICE . . .

\$28.85

### Single Illuminated Drum behind the Bronze plate



## Ampliphonic Console

Genuine Walnut, Oval Opening, Beautiful Finish

It has been specially constructed for us in an extraordinary fine walnut, shaded around the panel with an opening to fit any one or two-dial model receiver. Will take any 18-in. panel—7x18 in. or 8x18 in. or smaller size.

Below is an opening for a loud speaker, either cone or horn type. Sold with or without cone. Size of console 40 in. high, 23 in. wide and 16 in. deep. Large compartments. Open back, beautifully beaded around the cone speaker opening in two-tone shaded rich French type walnut. Extraordinary sturdy construction. Gold silk grill at opening and full complete post construction. Shipped in a plywood case from Wisconsin factory or Chicago warehouse. You could not buy a better value for twice the money. This console is worth \$50.00 at retail.

No. 9111. Retail list price, \$40.00. YOUR NET WHOLESALE PRICE ....

**\$16<sup>85</sup>**

No. 9112. With built-in free edge. \$17.50 value speaker. YOUR NET WHOLESALE PRICE ....

**\$23<sup>50</sup>**

## The Desk **Burl Walnut** Or the Type

40 in. high, 30 in. wide and 17 in. deep. Beautifully constructed. When closed has a sloping burl walnut front—burl walnut top and two openings at base for speaker in which can be put either a cone or horn type speaker. Made of genuine walnut of beautiful design, beautiful grill and large room for batteries. Large space in rear for eliminators and accessories. It is one of the finest values you can possibly obtain for twice the retail list price.

No. 9113. Retail list price, \$35.00. YOUR NET PRICE WITHOUTSPEAKER .....

**\$27<sup>50</sup>**

### With Platter Speaker

No. 9114. This genuine burl walnut console with 60-inch curved horn, Orthophonic type built-in, without unit. Size 7x18 in. or 8x18 in. panel. List price, \$85.00. YOUR NET WHOLESALE PRICE .....

**\$31<sup>00</sup>**

No. 9115. \$17.00 Amplion Unit, extra \$5.60



## Genuine Walnut Spanish Period Console

The most exquisite Spanish period design in a console made of genuine dark shaded walnut trimmed with bird's-eye maple. Compartments for batteries, chargers, and eliminators. Opens to be used as a desk. This is full size. 35 in. wide, 19 in. deep and 46 in. high. Will accommodate panels size 7x18, 7x21, 7x24 and 7x30. Special panel inserts are furnished. When ordering, specify size of panel desired.

No. 9116. Console cabinet complete with \$17.50 net Amplion Unit.

Your Price

**\$59<sup>50</sup>**



No. 9117. List price, console only, \$100.00.

Your Price

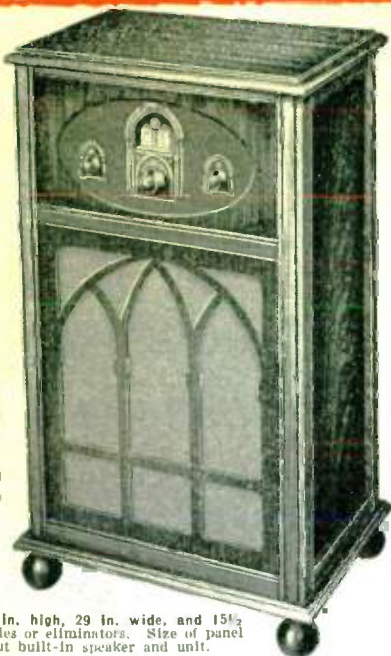
**\$53<sup>90</sup>**

# Ampliphonic Ortho Type Console

Made of genuine walnut, beautifully shaded with large Gothic grill. A real piece of furniture. A tremendous value and a fast seller. Full size—40 in. high, 24 in. wide and 16 in. deep. Plywood crated. Open at the back for eliminators, batteries or other accessories. Comes with or without speaker. Select the type speaker from our speaker pages or any Ortho type horn for use with this. Opening will accommodate size 7x18, 8x18 or smaller. This will make any home built set look like factory style construction. You can use a square panel inserted on the inside for one, two, or three-dial sets. This is a \$60.00 value and a very popular price.

## Compare Our Prices

No. 9100. Ampliphonic Ortho Type Console, without set, speaker or unit .....	No. 9101. Ampliphonic Console with built-in \$12.00 value cone speaker .....	No. 9102. Ampliphonic Console with Platter or Newcombe-Hawley Ortho type horn with 18-in. throat and genuine Baldwin or Amplion unit.....
<b>Net Price</b>	<b>Your Net Price</b>	<b>Net Price</b>
<b>\$17<sup>95</sup></b>	<b>\$22<sup>50</sup></b>	<b>\$25<sup>90</sup></b>



# Spanish Cabinet De Luxe

Made of genuine walnut, 16 in. high, 29 in. wide, and 15½ in. deep. Can hold "B" batteries or eliminators. Size of panel 7x18 only. Sold with or without built-in speaker and unit.



Beautifully designed with fancy grill work. Large opening for set, 1, 2 or 3-dial. Sturdy heavy Spanish Renaissance construction—a true treasure chest of extraordinary beautiful proportions. Do not confuse this with a cheaply constructed cabinet as this was originally built for a \$65.00 retail price. These prices do not include radio sets.

No. 9103. Retail List Price, \$24.00. Spanish War Chest as pictured above, without unit but with speaker horn.....	No. 9104. Spanish War Chest as pictured with long throat speaker and Baldwin or adjustable unit.
<b>Net Price</b>	<b>Your Net Price</b>
<b>\$11<sup>50</sup></b>	<b>\$15<sup>65</sup></b>

## Junior Walnut Cabinet



A genuine walnut Table Cabinet 22 in. long—sloping panel design. For any 7x18 or 8x18 panel or smaller. Genuine walnut. Oval opening leading toward open panel space. Uses square panel inserted on the inside for one, two or three-dial sets. Extra heavy construction. A real bargain at the price. Do not confuse this with cheap walnut cabinets.

You can buy any radio chassis, insert it and have a genuine table model receiver.	<b>\$7<sup>95</sup></b>
No. 9105. Retail List Price, \$15.00.	
<b>Your Net Wholesale Price</b>	

## Sloping Cabinet with Built-In Loud Speaker



Finely made mahogany finished cabinet. Hand-rubbed 25 in. long, 7½ in. high, depth, 8½ in. Will take 7x18 panel only. The built-in loud speaker is scientifically correct. Volume and clarity are obtained. Equipped with large balanced diaphragm unit. A quality cabinet and an exceptional offer to you. Sloping panel cabinets are in great demand. This is a fast seller. Shipping weight, 18 pounds.

No. 9106. Sold complete with built-in speaker and \$6.00 unit.	<b>\$9<sup>75</sup></b>
<b>Your Price</b>	

# Grand Walnut Console

## The Buy of the Age

We do not believe you can buy a genuine walnut console with or without built-in speaker—a console of such exquisite lines, great beauty and distinguished appearance anywhere else at this price. This is a genuine walnut console as pictured with large beautiful grill opening for loud speaker, oval opening for panel with fancy beading on the sides, beautifully shaded and finely finished.

### With or Without Cone Speaker

This console set is sold with or without a \$12.00 value cone speaker. Opening with take from the inside any single or 2-control receiver, giving any home or factory built chassis the finish of a fine receiver. Buy our chassis as shown in this book and this console for a very nominal price and you can sell thousands of radio receivers.

IT IS TRULY THE BUY OF THE AGE. TAKE ADVANTAGE OF OUR OFFER.

No. 9127. The Grand Walnut Console with built-in free edge speaker. YOUR PRICE **\$19<sup>40</sup>**



No. 9126. The Grand Walnut Console without speaker or unit, shipped from Wisconsin or our Chicago warehouse. List Price, \$30.00.

Your Price

**\$14<sup>60</sup>**

## Genuine Walnut Senior Cabinet



Will take panel 7 or 8 in. high, 18, 21 or 24 in. long. Sloping panel at only 15° slope. We suggest metal or bakelite panel, 3/4 in. thick—for any set or circuit, 1, 2 or 3 control. Oval insert can be pulled out and made to fit any size panel up to 24 in. Made of genuine walnut with beautiful burl walnut top. Matched wood. Note the heavy construction, the heavy base, the beautiful appearance.

This cabinet is for your customers who prefer a table cabinet of real beauty. This price does not include a receiver and is as illustrated. This is the best buy in a genuine solid walnut table cabinet on the market. No. 9128. Retail List Price, \$20.00. YOUR NET WHOLESAL PRICE..... **\$9<sup>50</sup>**



## Wellington Console

Beautifully finished, distinguished. Wonderfully proportioned. 24 in. wide, 14 in. deep, 42 in. high. Two-tone soft mahogany. Spacious compartments for batteries or eliminators. For size 7x18 or 8x18 panel only. Gold silk grill. Sold with built-in speaker.

No. 9129. List Price, \$45.00. YOUR PRICE WITHOUT UNIT.....

**\$23<sup>75</sup>**

No. 9130. WITH VICTOR OR QUALITY ADJUSTABLE UNIT.....

YOUR PRICE **\$25<sup>95</sup>**



**\$3<sup>95</sup>**

## Radio and Battery Table

Top and lower shelf are built of three-ply wood capable of holding 200 pounds to the square foot. Folds up into small space. Size when open, 25 1/2 in. high x 29 in. wide x 15 1/2 in. deep. Will hold any size receiver on top and "A" and "B" eliminators or batteries, below. This is the table to buy for convenience. It is a tremendous value. Thousands are being sold. Do not compare this with the cheaply constructed weak tables which would not be able to withstand the strain of a set and accessories. This is guaranteed.

List Price, \$9.00

No. 9131. YOUR PRICE.....

**\$3<sup>95</sup>**

# Superior **Period** Cabinets



**Model 801**

The **SUPERIOR** line of period consoles are the deluxe models of radio consoles. Particularly designed for Atwater-Kent, Fada, Freed - Eiseman, King and other popular model receivers. They are all built of beautiful butt walnut embellished with moulded grill, carved wood mouldings, bird's-eye overlays and turnings and are furnished in fine lacquer, hand-rubbed to the finish of the finest grade furniture.

Needless to say, this is the finest line of period consoles on the market. They will sell to those who require a finer console. Spacious room for elbina's, batteries, large compartments, all with built-in speakers.

Shipped from our Michigan factory direct to you, all packed in plywood cases and fully guaranteed. A real value.



**Model 807**

**Model 801—No. 9118.** Without speaker, but with built-in horn, deep proportioned. Size, 50 1/2 x 31 x 18. List price, \$90.00.  
Your Price..... **\$54.00**

**Model 801—No. 9119.** With built-in cone speaker. A tremendous value.  
Your Price..... **\$59.00**

**Model 807—No. 9120.** Size, 42 in. high, 28 in. wide, 18 in. deep. With horn but without unit. List price, \$66.00. Your Price **\$39.60**

**Model 807—No. 9121.** Without horn, but with full floating cone speaker, nothing else to buy. Your Price..... **\$44.60**

**Model 805—No. 9122.** With built-in horn, without cone speaker, requiring only a good unit. 51 in. high, 27 in. wide, 16 in. deep. List price, \$82.00. Your Price..... **\$49.20**

**Model 803—No. 9123.** With built-in cone speaker, ready to operate, nothing else to buy. Your Net Wholesale Price... **\$54.20**

**Model 803—No. 9124.** 53 in. high, 27 1/2 in. wide, 18 in. deep, with horn requiring only a good unit. List price, \$81.00. Your Net Wholesale Price..... **\$50.40**

**Model 803—No. 9125.** With built-in cone speaker, a wonderful value, requiring nothing else. Your Special Price... **\$54.40**



**Model 803**



**Model 805**

## Large Ampliphonic Console Cabinet

We offer the Ampliphonic large genuine walnut console (without set) with built-in speaker, and with or without unit, to be sold to radio set-builders. Full complete spacious compartments for batteries, chargers and eliminators. To fit size 7x18, 21 or 24 in. receivers.

### Beautiful Design

45 in. high, 28 in. wide and 17½ in. deep. Front made of stump walnut, decorated with heavy moulding around both openings as pictured. Large 68 in. long throat horn speaker. This is the fastest selling console in a thick, heavy constructed, massive design. Shipped from Indiana or Chicago warehouse. Sell from sample. In ordering, specify size of receiver.

No. 9132. The beautiful large Ampliphonic Console without set and unit, but with 68 in. Orthophonic horn. List price, \$100.00. **SPECIAL PRICE TO YOU . . . . .**

**\$37<sup>50</sup>**

No. 9133. Large Ampliphonic Console with genuine Amplion \$17.50 list speaker unit—**YOUR PRICE . . . . .**

**\$43<sup>50</sup>**



## Silver Chest Console

No. 9134. Silver Chest Console DeLuxe, without speaker unit, but with horn. Retail List Price, \$90.00

**Your Wholesale Price**

**\$46<sup>00</sup>**

No. 9135. With Genuine Amplion \$17.50 Value Unit.

**Your Price With Unit**

**\$52<sup>00</sup>**



With built-in horn speaker, full size long doors closing, made of hurl walnut, beautifully designed, well proportioned, size 61 in. high, 29 in. wide and 17 in. deep. Large compartments for all accessories and batteries and eliminators.

Will take size 7x18 or larger panel. A real bit of furniture. Something to grace your dining room. We show this model only open, but too much cannot be said of its extraordinary beauty and design. Beautiful grill, a real quality console in a model that is in tremendous demand. This is your opportunity.

## Low Boy De Luxe Ampliphonic

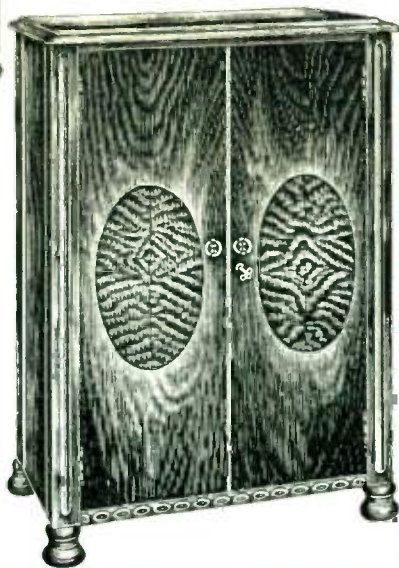
A beautiful console, 27 in. wide, 16 in. deep and 39 in. high. Beautifully designed. Genuine burl stump walnut matched in quarters. Lightly shaded around center and tapering out to a deep walnut. Large horn in a beautiful grill. Sell from sample. Furnished for 7x18, 21 or 24. With or without unit. Spacious compartments for batteries, chargers or eliminators.

No. 9136. Retail List Price, \$70.00.

**Your Price \$32<sup>50</sup>**

No. 9137. With genuine \$17.50 list Amplion Unit.

**Your Price \$38<sup>50</sup>**



# De Luxe **Period** Consoles and Speakers



No. 9142. Retail Price, \$48.00.

NET PRICE

**\$28<sup>80</sup>**

THIS period furniture is specially built for radio purposes. It will house radio set, chargers, eliminators, etc. Made of Adam brown mahogany finished, lacquered and hand-rubbed. Three-ply mahogany mounting panel supplied with consoles. The ideal console for a moderate priced set. Extraordinary values in real period furniture.



No. 9143. Retail Price, \$35.00. NET WHOLESALE PRICE...

**\$21<sup>00</sup>**

## The Highboy

A truly beautiful Highboy design shown above. Will accommodate any set up to 26 in. long by 9 in. high and 11 in. deep. Eliminators, battery and current supply compartments. Has built-in speaker with silk lined grill. Dimensions, 32 in. high by 42 in. wide by 16 in. deep. An extraordinary console value.

## The Lowboy

Built in the same design as a Highboy. Same quality construction. May be used with outside cone speaker or horn speaker. This console is without speaker. 26 in. wide, 39 in. high and 16 in. deep. A finely finished beautiful Adam brown mahogany finished, lacquered and hand-rubbed console with antique trim. A real buy.

## The **PIERSON NEWCOMBE-HAWLEY** SPEAKER

This is a Pierson speaker console with an 84-in. throat Newcombe-Hawley speaker, including Baldwin unit. Wonderful tone quality, extraordinary volume. This is really a tremendous value. Our opinion is that it is better than any cone speaker on the market. Will also hold any size radio set above it. A fastseller. This type of speaker is coming to the front in sales. Delivers deep full tone. A real buy.



No. 9145. Retail Price, \$65.00. YOUR

PRICE .....

**\$38<sup>22</sup>**

## The Nocturne

The Nocturne console will house any radio set up to 24 in. long, up to 9 in. high and up to 18 in. deep. It is one of the most beautiful consoles on the market today. Sold without speaker or unit. Can use either a cone speaker or a horn speaker which you will find on our speaker pages. Height 36 in., width, 24 in., depth, 21 in. Made of burl walnut with opening for large Ortho type speaker or cone to be found on our speaker pages.

### The Ortho-type Speaker



No. 9144. Retail Price, \$45.00. NET

WHOLESALE PRICE .....

**\$26<sup>50</sup>**

# Pierson Ortho Type Consoles

**With Newcombe-Hawley Speakers and Baldwin Units**



**The Intermezzo**

## The Arlington

The Arlington is the last word in a distinctive radio console. It will house a standard loop, a set up to 10x24 in. and has large space for power units, eliminators and batteries. Design is of popular English early Elizabethan style.

Wood is selected burl walnut faced with butt walnut 5-ply construction. Comes complete with 84-in. throat Ortho type speaker made by Newcombe-Hawley, and Baldwin unit. An extraordinary console to grace the finest homes. 53 in. high by 45 in. wide by 18 in. deep.

No. 9139. Complete with Newcombe-Hawley Ortho type speaker and unit. Retail \$250.00.

**YOUR NET WHOLESALE PRICE \$147<sup>00</sup>**

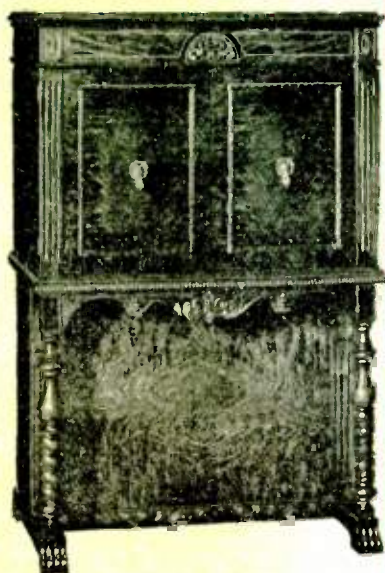


ON THE left is the Intermezzo, a beautiful well designed butt walnut, blended console for receiving sets up to 24 in. wide or up to 10 in. high. Comes equipped with Ortho type speaker, 84 in. air column, Newcombe-Hawley made and genuine Baldwin unit, with compartments for eliminators, etc. Height 42 in., width 30 in., depth 20 in.

No. 9138. Complete with horn and unit. List \$125.00.

**YOUR SPECIAL PRICE**

**\$73<sup>50</sup>**



## The Pierson Canterbury

The new type of console in the unique striking design. This is the finest period type console made of matched butt walnut and burl walnut inlays. Finest hardware in a beautiful deluxe console cabinet. The most exquisite thing one might want in radio console. Comes with built-in speaker, 84 in. air column, Newcombe-Hawley design, and Baldwin unit. Height 50 in., width 33 in., depth 21½ in.

No. 3140. Complete with speaker and unit. Retail List, \$175.00.

**NET WHOLESALE PRICE.....**

**\$102<sup>90</sup>**

## Spanish

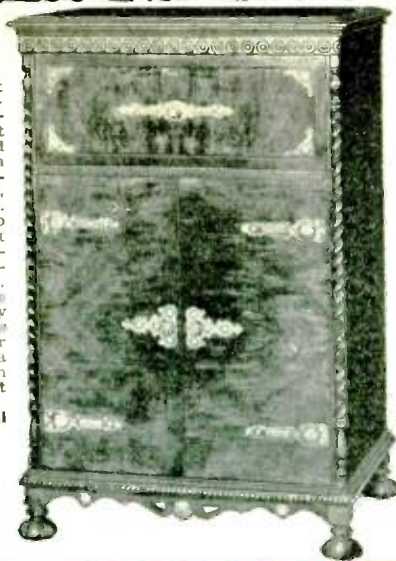
### Renaissance

A beautifully built console in the Spanish Renaissance period. Butt walnut front, matched woods, exquisite in design and in handwork. Fine overlays, antique hardware. Will take panels up to 10x24 in. Built with Newcombe-Hawley 84 in. speaker and Baldwin unit. A tremendous value at an extraordinary low price for this console model. Your opportunity to get a tremendous value in a beautiful console at the right price.

No. 9141. Retail List \$150.00.

**YOUR NET WHOLESALE PRICE**

**\$88<sup>20</sup>**



## Quality Console Table

An extraordinary value. Not an ordinary table as its price might indicate, but substantially constructed of heavy, genuine walnut.

A fine piece of furniture, beautifully finished and rubbed. Light and dark two-tone French walnut finish.

### Ample Battery Compartments

Conceal all batteries and chargers. Full size hinged doors make batteries readily accessible. Changes any table type set into a console set. Large enough for any receiver. The top is 18 in. deep by 32 in. long, height 31 in.

A remarkable value. Finely finished high priced table offered at an exceptionally low price. Hundreds can be sold at substantial profits.

Shipped full crated from our factory in Southern Indiana or Chicago warehouse.



### Genuine French Walnut Two Toned Exquisite Design

Retail  
List Price 25.00 \$ **11<sup>75</sup>**  
No. 9110  
YOUR PRICE

## Genuine Walnut Cone Speaker Table



No. 9107. List-price without speaker, \$35.00. YOUR NET WHOLESALE PRICE .....

**\$13<sup>50</sup>**

For any table model cabinet set where you need a loud speaker of good quality and a table for battery compartment, this is your opportunity. Made of heavy genuine walnut. This is as fine a piece of furniture in its shaded tones as you might want. Two-tone effect, hand-rubbed, soft finish, wonderful appearance.

### Large Compartments

This table is opened at the back and has large compartments for batteries, indicators, etc. Why spend money for a speaker and also for a table when you can get a combination?

### The Speaker

The speaker is a full sized cone, in which the low notes and high notes are equally produced. The speaker originally sold for \$20.00 and is particularly adapted for this table.

The front walnut section of the table has a finely carved grill, backed with gold silk. It is a full sized table 32 in. high, 32 in. wide and 18 in. deep. Makes a console set of any table model. It is specially priced and shipped fully crated from our factory in southern Indiana or Chicago warehouse.

You can buy the table only and install your own speaker.

No. 9108. List-price with speaker \$ **18<sup>50</sup>**  
\$50.00. YOUR NET WHOLESALE PRICE .....

Do not compare with small, cheap tables offered elsewhere

## Genuine Walnut Radio Stool

This is a sturdy stool of genuine shaded walnut particularly made for use in sitting in front of your radio set, in order that you may rest while tuning your set. It is just the right height and its size is 18 in. high by 12 in. wide by 22 in. long. Just the thing you have been looking for. When tuning in a number of stations, it is possible to sit easily before your set and really enjoy it.

No. 9109. Retail list-price, \$14.00. YOUR NET WHOLESALE PRICE..

**\$5<sup>95</sup>**



**Beautiful and Sturdy**

# The Marshall Wells 7 ILLUMINATED DIAL Single Control



**SOLID MAHOGANY**  
Retail List Price  
*Your Net Wholesale Price*

**\$57<sup>25</sup>**

## The Sensation <sup>of</sup> the Year.

**C**AN you buy a cabinet like this without any set at all for this price? A GENUINE SOLID MAHOGANY cabinet with full dimensions. 42 1/2" wide, 42 1/2" high and 24 1/2" deep.

Capable of taking both "A" and "B" battery eliminators and everything you might want to put in. On the opposite page is pictured a closed view as a spinet desk. On this page you see the open view in all its beautiful finish—really a baby grand model cabinet which was originally built to sell for \$50.00 for cabinet only! We offer you here a licensed single dial control receiver for a ridiculously low price.

### Room for Eliminators

The set itself has been fully described on other pages of this catalog. Two doors open on both sides on compartments for "A" and "B" battery eliminators to make this a complete socket power set. Any "A" or "B" battery eliminator can be used. We suggest either the Majestic or Balkite "B" battery eliminators and suggest the Balkite, Abox or Super Power "A" eliminator.

### See Opposite Page for Details

Read the detailed construction of the set on the opposite page. Note the particular features. Single control, illuminated drum, vernier adjustment, metal escutcheon plate, power audio amplification, shielded receiver and wonderful tone quality. Our offer is astounding dealers all over the country.

**OUR BUYING POWER IS YOUR PROFIT**

**Electric  
or Battery  
Operated**

# The Master CONSOLE SET

## Set Description

A full brass shielded 7-tube receiver is in this console model. The radio frequency end is built of a complete brass chassis enclosed in which are four space-wound latest design tuned radio frequency coils properly engineered. In the rear is the full three stages of audio frequency power amplification. Above the chassis are the four new model modified straight line condensers all on one shaft, upon which is a cast drum illuminated through the front of the panel and rotating on a new style, new fashion cable rotation with absolutely no backlash, sure turn, fine vernier adjustment.



No. 9010. The Marshall Wells Set, as pictured on this and the opposite page, a retail list value of \$135.00.

**YOUR Net Wholesale Price,  
Completely Packed in Ply-  
wood Case . . . . .**

**\$57<sup>25</sup>**

**The Biggest  
Single Drum Control  
Liscensed Console  
Value  
On the Market**

## Panel Design

The front panel is finely finished deep green color, upon which are the beautiful Gothic bronze escutcheon plates, fully embossed in all their richness. The plates taper in toward one single illuminated drum showing through two windows—on one side are numbers for logging and on the other is a blank space for your own logging. There could be no more beautiful panel at any price.

## Tone Quality and Volume

Tremendous volume is permitted by the power transformer which is used with a power tube, type 112.

Wonderful tone quality, extraordinary fine selectivity and long receiving range are the features of this receiver. Thousands of this type of receiver are in use and many users will bear testimony to this method of control, tried and true and engineered by experts.

## For Battery Operation

No. 9011. The Marshall Wells Receiver for battery operation, complete with 6 201A tubes, 1 112 power tube, 1 6 volt 100 A. H. storage "A" battery, 3 45 volt "B" batteries, 1 7½ volt "C" battery, 1 aerial kit, instructions for operation, nothing else for your customer to buy except a speaker . . . . .

**\$76<sup>80</sup>**

## Socket Power Operation

No. 9012. The Marshall Wells 7-tube single control receiver complete as pictured in beautiful mahogany console with 1 real Super Power "A" battery eliminator, 1 Super Power "B" eliminator (Raytheon type), to operate on 105 to 120 volts A.C. current 50-60 cycle only, 1 aerial kit, 6 201A tubes, 1 112 power tube, 1 7½ volt "C" battery with instructions for operating, ready to plug in the light socket for steady electric operation.

**Your Special Net  
Wholesale Price**

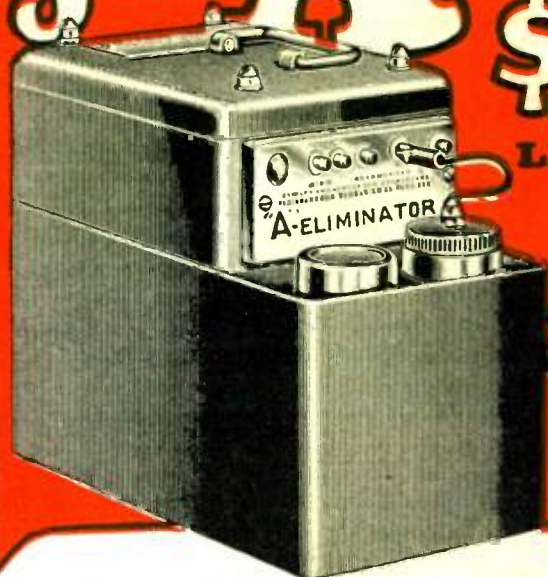
**\$95<sup>75</sup>**

**Buy now!**  
*You will pay as much for many smaller sets elsewhere*

# Super "A" Eliminator

# \$16<sup>65</sup>

LIST VALUE \$35.00



NO BATTERY  
NO CHARGER  
NO BULBS  
NO HUM  
NOTHING TO  
WEAR OUT  
OR REPLACE

## A REAL "A" Eliminator for All or any Kind of Set up to 10 Tubes

### Super-Power "A" Eliminator

Replaces "A" Battery Entirely

Operates Radio Set Direct From Light Socket

#### Electrifies Any Radio Set

**T**HE new Super-Power "A" Eliminator is a Complete "A" Eliminator supplying "A" current direct from the light socket to operate any radio receiver, large or small. It delivers constant, unvarying, smooth, humless current at 6 volts for any radio receiver using 201A and power tubes.

#### Not A Combination Battery and Charger

The Super-Power "A" Eliminator is a genuine eliminator. It is not a so-called "A" power unit using battery, trickle charger and relay.

It consists of a large capacity rectifier which changes the alternating house lighting current to direct current and the most highly efficient, successful, heavy duty filter system that has ever been developed, which smooths out the pulsating direct current from the rectifier into smooth, constant, humless, unvarying direct current for lighting the filaments of the radio tubes.

Can be used in connection with any good "B" eliminator for complete electrification.

#### Dependable Power

Always ready at the touch of the switch. Nothing to wear out. No relays or complicated or delicate parts. Nothing to replace. As simple and as fool-proof as an electric lamp. The Super-Power "A" Eliminator requires no adjustments. It automatically com-

pensates for ordinary light voltage fluctuations delivering the same constant current at 6 volts regardless of line variation. The current is used only when the set is in use.

#### Easily and Quickly Installed

Anyone can install the Super-Power "A" Eliminator in a few minutes' time. Requires no changes in the set or circuit of any sort. The set is instantly supplied with the correct amount of hum-free current.

#### Unbelievably Low Priced

The lowest priced "A" eliminator ever offered to radio dealers. Electrifies the sets that you install. The Super-Power "A" Eliminator costs you less than a good battery and a good charger. The popularity of the finest, most efficient and most practical eliminator ever developed is sweeping the country. Here is your chance to cash in on volume sales and big profits.

The Super-Power "A" Eliminator operates from the light socket. 105-120 volts, 50-60-cycle A.C.; output, 6 volts direct current for all sets up to 10 tubes with power tubes.

No. 8001. Complete in attractive dark green finish metal case of heavy gauge with cord and plug and carrying handle. Size, 6x10 $\frac{3}{4}$ x8 $\frac{3}{4}$  inches high over all. List price, \$35.00. Your price,

# \$16<sup>65</sup>

# Electrify Any Set!

# Deluxe Grand Six

WITH OR  
WITHOUT

## ELECTRIC OPERATION

## SINGLE ILLUMINATED DRUM CONTROL

**The Right Console Set  
at the Right Price**

If you will read the description of this console Grand G-tube set here and on PAGE OF OUR CATALOG, you will convince yourself that for a console receiver of the right type, of the proper construction and at a price at which you can sell many—we have it.

With a built-in cone speaker resting behind the beautiful gold grill and carved scroll below with spacious compartments for batteries or eliminators—with an oval walnut shielded smooth Verdi-green panel—with the bronze embossed scotchman plate in front, countersunk and reaching to a beautifully illuminated drum—with double markings for tuning—with the FINEST VERNIER CABLE ARRANGEMENT ON THE MARKET, furnishing selective tuning with no backlash and perfect adjustment—this set is perfection.

### Completely Shielded

THE COMPLETE BRASS SHIELD is over the radio frequency and in between it and the audio frequency units. Three space-wound solenoid coils and three matched modified straight line condensers all controlled by a single drum, all illuminated and with power transformers and power tubes used in the last stage. **SELL THIS SET AND MAKE SATISFIED CUSTOMERS**

### Volume—Tone Quality

Tremendous volume. No distortion, no vibration and "snap-in" oscillation, no squeals, no howls, but full, clear, beautiful, rounded tones. It is the construction and the power amplification, together with the cone speaker built into this receiver, that permits this. Real distance, too. **THIS SET IS LICENSED UNDER PATENTS OF R. C. A. AND ASSOCIATES.**

### The Power Speaker

The speaker grill in front is lined with gold and black in a fancy design behind which is a POWER SPEAKER CAPABLE OF HANDLING EXTRAORDINARY VOLUME, reproducing the low and high notes with equal clarity and quality.

### The Console Beautiful

THE CONSOLE IS GENUINE WALNUT. 41 in. high, 28 in. wide, and 14 in. deep. Beautifully designed in shaded tones with an exquisite pattern. Below is a beautifully designed grill, full-sized, well designed, well proportioned. This cabinet would ordinarily sell for \$40.00 if there were no set built in.

### Buy One—Sell from Sample

Buy one of the Grand 6 Receivers and sell from sample. You will make many a dollar and sell many a set. To those who push our sets and are in position to sell many, we will allot special territories. This is a quick turn-over set, one that will operate better than most \$200 sets. **THIS SET COULD NOT BE BUILT BETTER FOR THREE TIMES THE MONEY.**

### Set Only

No. 9007 THE DE LUXE GRAND 6 RECEIVER as fully described herewith sold alone with built-in free edge cone speaker. Retail list price \$110.00. **YOUR NET WHOLESALE PRICE..... \$46<sup>50</sup>**



**\$46<sup>50</sup>**

**For  
Battery  
Operation**

No. 9008 THE GRAND 6-TUBE RECEIVER with speaker and with 5-201A tubes, 1-112 power tube, 1-5-volt 100 A.M. storage "A" battery, 3-45-volt "B" batteries, 1-7½-volt "C" battery, including battery cable and 1 aerial kit, instructions. **READY TO OPERATE. \$65<sup>85</sup>**  
**YOUR NET WHOLESALE PRICE .....**

### Electric Operation

No. 9009 THE GRAND 6 complete for socket power operation, with 1 Super Power combination "A" and "B" Battery Eliminator (Raytheon type) to operate on 105 to 120 volts A. C. current only, 50-60-cycle, 1 aerial kit, 5-201A tubes, 1-112 power tube, 1 "C" battery, instructions, nothing else to buy. **READY TO PLUG IN AND OPERATE. THE BIGGEST VALUE TODAY. \$85<sup>75</sup>**  
**YOUR NET WHOLESALE PRICE .....**

NOTE—If you want other socket power equipment, see pages and for accessory combination packs.

# The Ampliphonic 7

## SEVEN TUBE

### Single Control

### ILLUMINATED DRUM Built-in Cone Speaker WALNUT CONSOLE SET

The Ampliphonic 7 Receiver as pictured is also fully described on Pages 6 and 7 in detail.

A SINGLE ILLUMINATED DRUM CONTROL rotating toward you is the latest and finest feature of sets priced at \$150 to \$300.

#### Genuine Walnut Console

The console is of genuine walnut in beautifully shaded tones. Walnut around the oval panel. Full size, beautiful in appearance. Fine beading around rich gold grill with FINELY TONED FREE EDGE WONDERFUL QUALITY CONE SPEAKER, BUILT-IN.

#### Shielded Construction

The set itself is FULLY BRASS SHIELDED—space-wound coils, properly engineered condensers, all tuning at one turn of the center knob. No whistles, no howls, no interstage coupling. Separate audio unit enclosed with large transformer for power amplification, capable of handling TREMENDOUS PLUME AND DELIVERING WONDERFUL TONE ALIVE.

#### Beauty—Clarity—Simplicity

Beautiful embossed bronze escutcheon plate decorates the Verdi-green panel. Only other control is for volume and clarity to suit your taste.

**Manufactured Under Patents of  
R. C. A. and Associated Companies**

This set is licensed under patents controlled by these companies and you have the protection in this set that these patents have to offer you. This reduces sales resistance for sets at lower prices.

#### Compare These Prices For Anywhere Near This Quality

Illuminated drum, single control, shielded construction, beauty, clarity, design, style, quality speaker, 7 tubes with power amplification, THE FINEST OF EVERYTHING AT THE LOWEST POSSIBLE PRICE.

No. 9000 Retail list-price, \$125.00. YOUR NET WHOLESALE PRICE ..... **\$52<sup>50</sup>**

#### WITH BATTERY EQUIPMENT

No. 9001. The Ampliphonic 7 as described in beautiful console with built-in speaker with 5 201A tubes, 2 112 power tubes, 1 6-volt storage "A" battery, 3 45-volt "B" batteries, 1 7½-volt "C" battery, 1 DeLuxe aerial kit, instructions for operation, ready to operate, nothing else for your customer to buy..... **\$71<sup>25</sup>**

**\$52<sup>50</sup>**

## ELECTRICALLY EQUIPPED

FOR SOCKET POWER OPERATION, the Ampliphonic 7 is ideal. Mysterious compartments for "A" and "B" eliminators. Buy the set alone as pictured, if you desire, and purchase accessories from our necessary combination packs, including popular brands of power units shown in the body of this catalog. OUR SUGGESTION, however, is for power units which will work best with this receiver. WE OFFER A POWER UNIT THAT IS HUMANLY PROPERLY CONSTRUCTED AND BUILT FOR SOCKET POWER OPERATION.

No. 9002 The Ampliphonic 7. THE CONSOLE BEAUTIFUL, complete with built-in speaker, including 1 Super Power combination "A" and "B" eliminator (Raytheon type) to operate on 105 to 120 volts A.C. current only, 50-60-cycle, 1 aerial kit, 5 201A tubes, 2—112 power tubes, 1 7½-volt "C" battery, instructions for operation. NOTHING ELSE TO BUY, READY TO PLUG IN THE SOCKET AND OPERATE. YOUR SPECIAL WHOLESALE PRICE..... **\$89<sup>65</sup>**

NOTE—This type of socket power operation has been tried for a number of years and found to be reliable. We suggest it to you and can assure you of fine operation with no servicing trouble. Full instructions.