

WESTERN RADIO



**Satisfaction
Guaranteed**
**SEND NO
MONEY**

\$74³⁵

LIST PRICE \$140⁰⁰

Buckingham 6

Western Radio Manufacturing Co.
"Always First In Values"
128 WEST LAKE STREET • CHICAGO

The Majestic 'B' Power Supply requires no acid or liquid. There is no filament to burn out. Absolutely no hum. Improves the tone quality and volume of any receiver and lowers the operating cost.

A and B Eliminators of Proven Worth

Every Majestic 'B' Eliminator is guaranteed by the manufacturer for one year against electrical and mechanical defects. The rectifier tube which is supplied with each unit is guaranteed for 1,000 hours, the equivalent of one year's use.



Majestic
CURRENT SUPPLY UNITS

Improve Tone Quality
and Volume



YOUR PRICE
\$19¹¹

Majestic Master-B

The maximum voltage output is sufficiently high to operate not only UX-112 and UX-120 power tubes (135-150 V.) but also the latest super-power tube UX-171 (180 V.). It will be found unequalled for sets having a heavy current drain. Likewise the "line control" variable resistance makes it possible to use it on sets having heavy biasing ("C") batteries and correspondingly low current draw, such as Radiola models 25 and 28. Rating: 60 mils at 180-V.

Stock No. 16
List Price.....\$32.50
Less 40%.....13.00
Less 2%......29
YOUR PRICE... \$19¹¹

Majestic Super-B

Delivers current up to twelve type 201-A tubes or equivalent. Delivers 180 volts for the new type 171 power tubes. Simple adjustment insures tone quality vastly superior to that obtainable from batteries. Provided with four terminals, NEG., DET., INT., and AMP. The DET. and INT. have adjustable resistances which, in conjunction with the "High" and "Low" switch positions, afford a wide range of voltages. Rating: 50 mils at 180-V.

Stock No. 15
List Price.....\$29.50
Less 40%.....11.80
Less 2%......35
YOUR PRICE... \$17³⁵

YOUR PRICE
\$17³⁵

The cabinets that contain Majestic-B Eliminators are finished in rich black crystal enamel. Bakelite panel. Complete with extension cord and attachment plug. Dimensions: 10¹/₄" deep, 5¹/₂" wide, 9" high.

Majestic Special Master-B

Similar in design and appearance to the Master-B but equipped with four B+ taps for 22¹/₂ V., 67¹/₂ V., 90 V., and 135 V., which are required on certain models of Kolster, A.C. Dayton, Fada and other sets.

Stock No. 17
List Price.....\$32.50
Less 40%.....13.00
Less 2%......29

YOUR PRICE
\$19¹¹

Prices quoted here include a Majestic B Rectifier Tube which is guaranteed for 1,000 hours service. All prices are net to you with 40% dealers' discount and 2% for cash deducted.

MAJESTIC 'A' Current Supply—for Alternating Current

Furnishes full strength and permanent "A" power direct from the light socket for radio sets of from 5 to 8 tubes, including power tube. Absolutely "dry" in construction, using no acids or liquids whatever. No hum. Maximum output 2¹/₂ amps. at 6 volts. A receptacle is provided on the front panel for plugging in "B" supply, so that both "A" and "B" Units are operated with one light socket connec-

List Price with Rectifier.....\$39.50
Less 40%.....15.80
Less 2%......47
YOUR PRICE... \$23²³

tion. A switch on cord of "A" Unit which controls both sources of power supply. Set should be left turned on at all times. Switch controlling the "A" and "B" Units acts also as a control for the set. The rectifier used is of the dry plate type, which has all of the operating characteristics necessary to insure dependability as well as long life. For Alternating Current 100-120 V. 60 Cycle.

Prices In This Catalog Subject To Change Without Notice

The New Big Home of Western Radio Chicago

The greatest reward in the radio world to Honest Merchandise at Lowest Prices is our successful growth which has made it necessary for us to move into our BIG, NEW HOME, pictured below.

This wonderful growth is a tribute to the GOOD WILL and CONFIDENCE of our many thousands of dealer-friends—a CONFIDENCE built by our determined effort to give you the best radio products, the best service and the LOWEST PRICES. Although we have equipped ourselves in this new Home with every Labor and Time Saver in order to speed our service to you—we have not spent a single penny on useless fancy frills—no luxurious offices, no De Luxe display rooms—the extravagances that swell the sales costs of many distributors. ECONOMY and EFFICIENCY are the only things aimed at by us—AND YOU ENJOY THESE SAVINGS THRU OUR LOWEST PRICES.

Satisfaction Guaranteed

We exercise the greatest care in selection of the Radio Products shown in this catalog. Only merchandise from RESPONSIBLE, NATIONALLY KNOWN MANUFACTURERS ARE OFFERED YOU—names of goods that are recognized as STANDARD everywhere. "Bargain goods" or "Seconds" never cross our doorstep—we handle only FRESH, CLEAN, modern merchandise in the original package direct from the manufacturer.

So complete is our confidence in ALL items shown in this catalog that we BACK them with our own unqualified MONEY BACK GUARANTEE. For years we have said "We never consider any transaction closed unless you are fully pleased" and we say it now again; please remember that always, for SATISFACTION is the deep, unshakable foundation upon which this business stands.

Same Day Shipment

Every available foot of space in this big building is loaded to the ceiling with complete stocks of radio goods. Not a minute is lost in the handling of your order—and every member of our large, trained organization works on a definite schedule to insure the shipment of your order on the SAME DAY we receive it.

Send No Money

Several years ago we originated the "SEND NO MONEY" plan as the logical arrangement between the radio distributor and the dealer. We were the first to require no deposit with orders. Under our plan you have the use of your money in your business up to the moment the postman or expressman hands you your shipment. Just select the merchandise you want and send your order to us. You need SEND NO MONEY. We ship C.O.D. subject to YOUR COMPLETE SATISFACTION.

The Big Friendly Radio House

With Quality as our greeting and Low Prices as our hand-shake we have won thousands of dealers as our friends. We have established our business on the Golden Rule. We would enjoy the pleasure of personally meeting our dealer-friends to express our sincere appreciation for their patronage which has built this leading Radio House. And as we cannot meet you all in person we "Say it with Values"—AND THAT'S WHAT COUNTS.

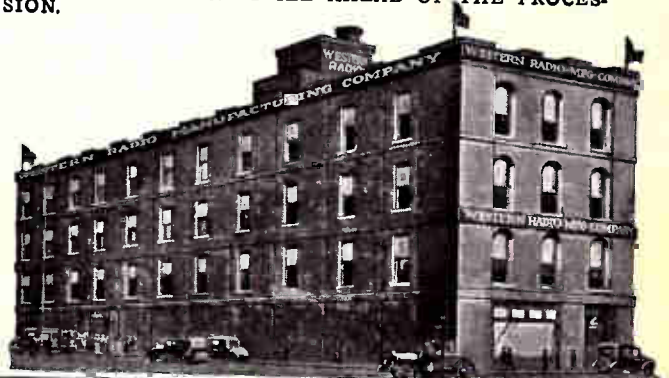
Always consult the Western Radio catalog FIRST—and make sure of getting what you want quickly for less money.

Dealers Wholesale Catalog

Mr. Dealer, in this big, complete catalog we quote NET prices with ALL discounts taken. This also INCLUDES the 2% Cash Discount. These prices are the LOWEST in America for highest grade radio products. SAVE this catalog—KEEP it handy—and SAVE MONEY.

No branches and no connections. We are the original.

From a start in one small room to this large building occupied by ourselves exclusively—this is the condensed history of Western Radio progress. We started in the early days of Radio—and have kept side by side with Radio's progress. WE ARE PIONEERS WHO ARE STILL AHEAD OF THE PROCESSION.



Quality Radio Products At Lowest Wholesale Prices

America's Fastest Growing Radio House

Hints on Ordering

Send No Money

You can order from this catalog without sending a deposit. Keep your money until the shipment is delivered—then pay the postman or expressman.

When ordering be sure that you give the stock number and description of product as provided for on our order blank. By giving us the stock number and description it provides for a check against errors and assures your receiving your order at once.

Best Quality Guaranteed

Westrad, Balkite, Majestic, Yaxley, Baldwin, All-American, Jefferson, Utah, Karas, Philco are just a few of the well known lines that we carry. All merchandise is guaranteed to be of the highest quality.

Orders for \$2.00 or Less

Orders for \$2.00 or less should be accompanied by money order or cashier's check covering cost of article plus postage. By doing this you will save from 15c to 20c C.O.D. return charges which is considerable on a \$2.00 order.

All orders outside of the United States proper should be accompanied by full payment including transportation charges. If the actual transportation charges are less than the amount estimated, we will refund the difference. Dealers of Cuba, Canada, Philippine Islands, Porto Rico and Hawaii are also respectfully requested to send cash with order.

Same Day Shipment

We ship your order the same day we receive it. Often shipment is made in a few hours. We carry in stock everything shown in this catalog and service is always quick and accurate.

We are strictly a Radio house. Radio occupies our entire time, thought and resources. It is not a department but is EVERYTHING with us. It pays you to deal with a house that specializes in handling Radio at lowest prices.

Lowest Wholesale Prices

The prices shown in this catalog are the LOWEST WHOLESALE prices. We challenge comparison. We have only one price no matter how large the dealer may be or the size of the order. BIG cash savings are extended to all alike.

2% Cash Discount Already Deducted

The prices quoted in this catalog are NET. Your dealer's discount and a 2 per cent cash discount have been deducted.

Net Prices Quoted

2% Cash Discount Already Deducted

Prices quoted in this catalog are net to you with all discounts deducted. You need not fuss with complicated discount sheets. The big red figures tell you your cost, with dealer's discount and 2 per cent cash discount already deducted.

Money Back Guarantee

We guarantee that all merchandise in this catalog is **FIRST QUALITY**, exactly as represented and comes to you in manufacturers original package. If, for any reason, you are not fully pleased, return the goods at once and we will cheerfully refund your money.

*I pledge
you fullest
satisfaction*

*S. Saldinger
Pres.*

OUR mammoth buying power, low operating costs and quick turnover enable us to offer the greatest Radio values in the country.

Ever since our pioneer days in Radio—when this great industry was in its infancy—it has been our steadfast purpose to give the Radio Dealers of America the **GREATEST VALUES POSSIBLE** to offer.

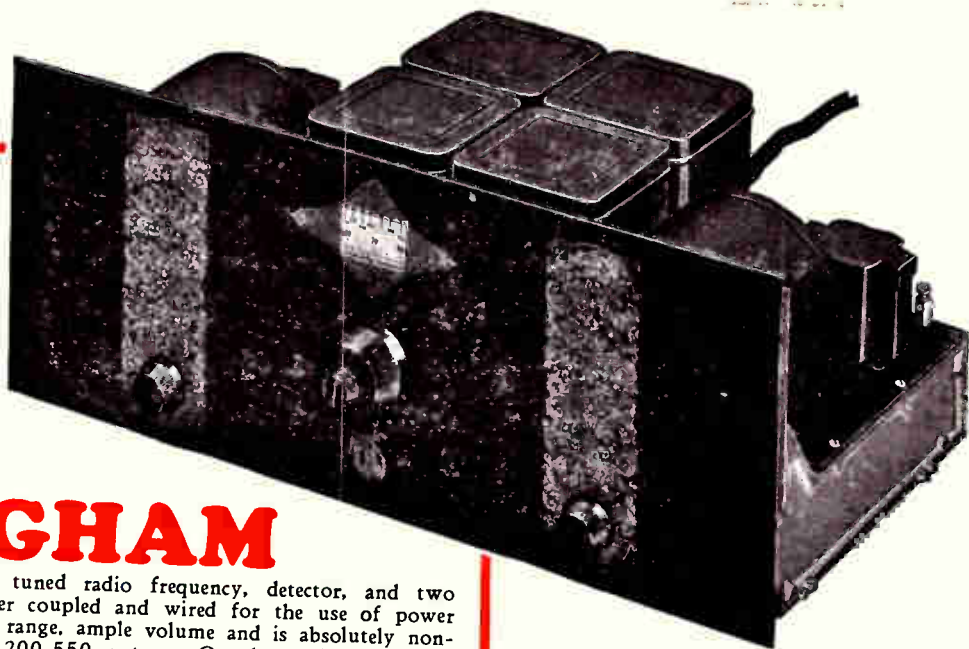
The Great economies we have made in our plan of operation and distribution are clearly reflected in our low prices that challenge comparison.

Determined, however, as we are to keep our prices down low—we have always held **QUALITY** and nationally known merchandise uppermost and in this way have established a reputation for fair dealing and **BIG** values that has made us **AMERICA'S FASTEST GROWING RADIO HOUSE**.

Only the Best in Radio At Lowest Prices

The Nationally Advertised

6-TUBE BUCKINGHAM



CIRCUIT—Employs three stages of tuned radio frequency, detector, and two stages of audio frequency. Transformer coupled and wired for the use of power tubes. Gives extreme selectivity, good range, ample volume and is absolutely non-oscillating with perfect reception from 200-550 meters. *Can be used with power units for electric operation.*

PARTS—The highest quality parts are used. Thordarson transformers, the condensers, sockets and all small parts carry nationally known trade names. The coils have out-performed over 200 other types of coils, and have a rating of 98 1/2 percent. All parts are individually and scientifically matched both before and after assembling.

CONSTRUCTION—The new Buckingham is rigidly constructed. Every part is completely protected. This construction is extremely valuable from a shipping standpoint. The complete shielding of all the parts keeps out dirt and prevents tampering.

CONTROL—The one dial control mechanism. Absolutely positive in action and prevents any back-lash in the condensers. There is nothing to get out of order. *It is the only set in which the indicator moves straight across the window.* This control, together with a new method of matching condensers, makes the performance of the set truly remarkable. Panel size 7x18 inches, depth 10 inches. Illuminated dial.

TUNING—Tuning is almost automatic. The dial is calibrated in both degrees and kilocycles so that the desired station may be picked up without effort. *Absolutely no oscillation or squealing.* Compensator for fine tuning and DX reception.

RIGIDITY—The cast aluminum braces and sheet steel enclosures give this chassis a rigid construction. *The set is practically shock proof* and will stand a great deal of abuse without being damaged, thus eliminating one of radio's greatest troubles.

PERFORMANCE—Buckingham is one of the finest performing chassis in or near its price class. The tone quality is clear and natural. The set is extremely selective but not critical. Volume is sufficient to satisfy any commercial demand. Distance range covers Coast to Coast.

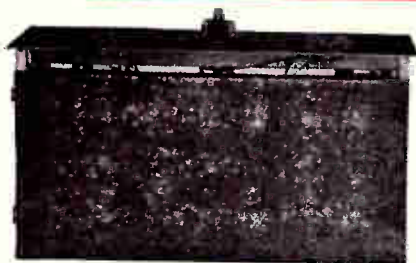
For Electric Operation

The BUCKINGHAM can be used with Balkite, Majestic or Philco Units for direct electric operation without batteries. This gives you an up-to-the-minute receiver with simple tuning operating qualities.

- 1** Extreme selectivity.
- 2** Coast-to-coast range.
- 3** Full volume, non-oscillating.
- 4** Completely shielded.
- 5** Single illuminated dial control.
- 6** Can be used with power units for electric operation.

Sets shown on pages 4, 5, 6 and Front Cover are equipped with this Chassis

To insure Safety in Shipment, the Chassis is shipped separately and the Consoles are shipped separately



Bottom view, showing shielded wiring

Buckingham Chassis

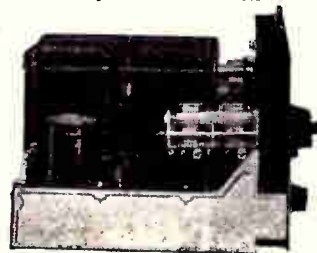
The Buckingham Chassis equips are sets shown on pages 4, 5, and 6. It may be purchased separately as shown above. Panel 7x18 inches. Depth 10 inches.

List Price.....\$60.00

Your Price
\$30⁵⁰

Stock No. 2699

Note shock proof rigid construction



Side view (shields removed)

Always First In Values and Quality

BUCKINGHAM 6—Electrically Operated

In Beautiful Walnut Console

With 50 in. Ortho Speaker and Unit



To assure safety in shipping we have found it best to ship set and cabinet separately

THIS distinctive Walnut Console housing the famous Buckingham Six described on page 3 represents the last word in radio development.

The console has a front of satinwood overlay and a two-tone ebonized border. Ample space for power units or batteries. Equipped with pure-tone Ortho horn with 50-in. tone travel. Dimensions—26 in. wide, 17 in. deep and 48 in. high.

List Price \$125.00

Your Price

63⁷⁰

Stock No. 1728

Equipped for Electric Operation

The remarkable console shown above, can be readily adapted to electrical operation by use of Philco, Balkite or Majestic units. The use of any of these units gives simplicity of control and consistently good reception. All you have to do is plug into the wall and use the same power as you use for electric light. The console and Buckingham Six with special 50 in. built-in Ortho loud speaker and Utah Unit comes complete with any of the following equipment for electric operation:

PHILCO

- 1—Sonatron 112 Power Tube
- 5—Sonatron 201-A Tubes
- 1—Philco "A-B" Socket Power
- 1—Complete Aerial Kit

Your Price

94⁷⁰

Stock No. 1730

BALKITE

- 1—Sonatron 112 Power Tube
- 5—Sonatron 201-A Tubes
- 1—Balkite "A-B" Power Supply
- 1—Complete Aerial Kit

Your Price

102⁶⁰

Stock No. 1731

MAJESTIC

- 1—Sonatron 112 Power Tube
- 5—Sonatron 201-A Tubes
- 1—Majestic B-Eliminator
- 1—Majestic A-Eliminator
- 1—Complete Aerial Kit

Your Price

111⁵⁵

Stock No. 2650

Equipped for Battery Operation

The above console and set with built-in loud speaker and Utah Unit complete for operation with the following equipment:

- 1—Sonatron 112 Power Tube
- 5—Sonatron 201-A Tubes
- 1—100-Amp. Westrad "A" Battery
- 3—45-Volt Upright Westrad "B" Batteries
- 1—Complete Aerial Kit

Your Price

85⁷⁰

Stock No. 1729

In Spanish Console

With 50 in. Ortho Speaker and Unit

FOR those who wish a high degree of beauty as well as efficiency in radio, we offer this extraordinary value of the Buckingham Six in the 18th Century Spanish Console as pictured here. This outfit reflects the touch of the master set builder and cabinet maker. It is self contained. The horn compartment at the top contains a 50-in. Pure-Tone Ortho horn fitted with Utah Unit. The console has butt walnut doors, antique high-lighted finish. The construction features of the Buckingham Six are fully described on page 3. *Set and Cabinet only.*

Your Price—Set, Cabinet, Built-in Loud Speaker and Unit

Your Price

74³⁵

List Price \$140.00
Stock No. 1736

Equipped for Electric Operation

The Spanish Console and Buckingham Six pictured below adapts itself readily to electric operation direct from the electric light socket. The Spanish Console, Buckingham Six Receiver, 50-in. Ortho Speaker, Utah Unit may be had with any of the following equipment for electric operation:

PHILCO

- 1—Sonatron 112 Power Tube
- 5—Sonatron 201-A Tubes
- 1—Philco "A-B" Socket Power
- 1—Complete Aerial Kit

Your Price

105³⁵

Stock No. 1738

BALKITE

- 1—Sonatron 112 Power Tube
- 5—Sonatron 201-A Tubes
- 1—Balkite "A-B" Power Supply
- 1—Complete Aerial Kit

Your Price

113²⁵

Stock No. 1739

MAJESTIC

- 1—Sonatron 112 Power Tube
- 5—Sonatron 201-A Tubes
- 1—Majestic B-Eliminator
- 1—Majestic A-Eliminator
- 1—Complete Aerial Kit

Your Price

122²⁰

Stock No. 2651



For Battery Operation
The console and set with built-in loud speaker and Utah Unit complete for operation with the following equipment:

- 1—Sonatron 112 Power Tube
- 5—Sonatron 201-A Tubes
- 1—100-amp. Westrad "A" Battery
- 3—45-volt Upright Westrad "B" Batteries
- 1—Complete Aerial Kit

Your Price

95⁸⁵

Stock No. 1737

To assure safety in shipping we have found it best to ship set and console separately

**NO
FUSS**

Electrically Operated

**Direct from
Socket**

Buckingham 6-Tube WALNUT CONSOLE

THE Buckingham Six housed in an attractive console shown below is the masterpiece of radio efficiency and beauty. The console is constructed of *Walnut Plywood*. Made in three sections; the upper contains the Utah Unit and built-in loud speaker, the middle section contains the efficient *single dial control Buckingham Six* fully described on page 3, the lower compartment provides space for power units. Removable grill of beautiful design covers the loud speaker section. Two doors open at the front to give easy access to power units. *Comes complete—console and set, built-in loud speaker and Utah Unit.*

Your Price

59⁵⁰

List Price \$110.00

Stock No. 1732

Equipped For Electric Operation

The Buckingham Six-Tube Walnut Console, shown below can readily be adapted to operation direct from electric light socket by use of Philco, Balkite or Majestic power units. This eliminates batteries with their unreliable operating characteristics and assure uniformly good reception at all times. The Buckingham Six is especially adapted for any of the units listed below. The console set, built-in loud speaker and Utah Units can be furnished complete with the following accessories for electrical operation:

PHILCO

- 1—Sonatron 112 Power Tube.
- 5—Sonatron 201-A Tubes.
- 1—Philco "A-B" Socket Power.
- 1—Complete Aerial Kit.

Your Price

90⁵⁰

Stock No. 1734

BALKITE

- 1—Sonatron 112 Power Tube.
- 5—Sonatron 201-A Tubes.
- 1—Balkite "A-B" Power Supply.
- 1—Complete Aerial Kit.

Your Price

98⁴⁰

Stock No. 1735

MAJESTIC

- 1—Sonatron 112 Power Tube.
- 5—Sonatron 201-A Tubes.
- 1—Majestic "B" Eliminator.
- 1—Majestic "A" Eliminator.
- 1—Complete Aerial Kit.

Your Price

107³⁵

Stock No. 2652

Buckingham 6-Tube ORTHO CONSOLE



THE Ortho Console is a recent development in radio that combines beauty and practicability. The cabinet is selected Walnut Plywood with a Genuine Butt Walnut Door. Mahogany overlay and two-tone ebonized border on drop door. Scroll overlay on side panels. High-lighted finish. Has 50-in. Ortho Built-in Loud Speaker and Utah Unit. Comes equipped with the famous Buckingham Six-Tube set fully described on page 3. The Buckingham Six is a single dial control. Has remarkable sensitivity and selectivity and possesses exceptional tone quality.

Your Price

79⁸⁵

List Price \$150.00

Stock No. 1724

Complete for Electric Operation

The Buckingham Six-Tube Ortho Console when equipped for electric operation is the last word in radio efficiency. The console shown above with the Buckingham Six-Tube receiver, 50-in. Ortho Built-in Loud Speaker and Utah Unit comes equipped with any of the following accessories for electric operation:

PHILCO

- 1—Sonatron 112 Power Tube.
- 5—Sonatron 201-A Tubes.
- 1—Philco "A-B" Socket Power.
- 1—Complete Aerial Kit.

Your Price

110⁸⁵

Stock No. 1726

BALKITE

- 1—Sonatron 112 Power Tube.
- 5—Sonatron 201-A Tubes.
- 1—Balkite "A-B" Power Supply.
- 1—Complete Aerial Kit.

Your Price

118⁷⁵

Stock No. 1727

MAJESTIC

- 1—Sonatron 112 Power Tube.
- 5—Sonatron 201-A Tubes.
- 1—Majestic "A" Eliminator.
- 1—Majestic "B" Eliminator.
- 1—Complete Aerial Kit.

Your Price

127⁷⁰

Stock No. 2653

FOR BATTERY OPERATION

The console and set with built-in loud speaker and Utah Unit complete for operation with the following equipment:

- 1—Sonatron 112 Power Tube.
- 5—Sonatron 201-A Tubes.
- 1—100-amp. Westrad "A" Battery.
- 3—45-volt Upright Westrad "B" Batteries.
- 1—Complete Aerial Kit.

Your Price

99⁷⁵

Stock No. 1725

To assure safety in shipping we have found it best to ship set and console separately.

Battery Operation

The console and set with built-in loud speaker and Utah Unit complete for operation with the following equipment:

- 1—Sonatron 112 Power Tube.
- 5—Sonatron 201-A Tubes.
- 1—100-Amp. Westrad "A" Battery.
- 3—45-Volt Upright Westrad "B" Batteries.
- 1—Complete Aerial Kit.

Your Price

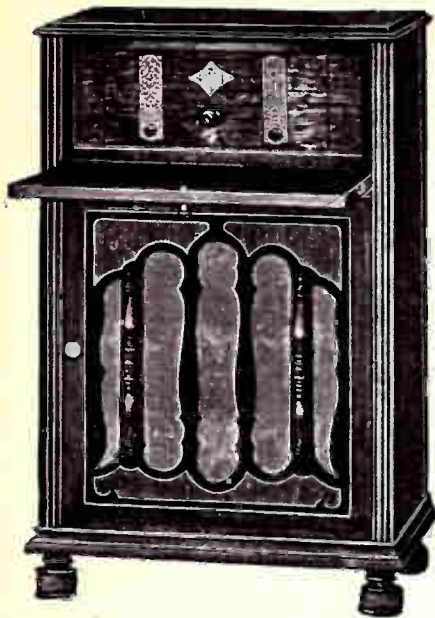
79⁹⁰

Stock No. 1733



To assure safety in shipping we have found it best to ship set and console separately.

Always First In Values and Quality



Your Price
List Price \$95.00
Stock No. 1740

49⁹⁵

To assure safety in shipping we have found it best to ship set and console separately.

For Battery Operation

The above console and set with built-in loud speaker and Utah Unit complete for operation with the following equipment.

- 1—Sonatron 112 Power Tube.
- 5—Sonatron 201-A Tubes.
- 1—100-amp. Rubber Case Westrad "A" Battery.
- 3—45-volt Upright Westrad "B" Batteries.
- 1—Complete Aerial Kit.

Your Price
71⁷⁵
Stock No. 1747

BUCKINGHAM 6-TUBE ORTHO JUNIOR CONSOLE

THE Ortho Junior Console is a compact and attractive finishing that concentrates unusual radio performance and beauty in limited space. The entire console is only 34½ in. wide, 18½ in. deep and 41½ in. high. Contains the famous Buckingham Six described on page 3, the 50 in. Pure Tone Wood Horn, Utah Unit, and ample space for power units. *The console is made of Walnut Plywood.* Beautiful grill is two-tone, ebonized with antique high-lighted wood turnings. Hinged door and grill provides easy access to power supply compartment.

ELECTRICALLY OPERATED from Light Socket

The Ortho Junior Buckingham Six Console when equipped for electrical operation becomes one of radios most compact and efficient outfits. When operated without batteries directly from the light socket by means of Philco, Balkite or Majestic Units you obtain reception that is the best. The Ortho Junior Console, Buckingham Six Tube receiver, Built-in 50-in. Tone Travel Speaker and Utah Unit can be had with any of the following equipment for electrical operation.

PHILCO

- 1—Sonatron 112 Power Tube
- 5—Sonatron 201-A Tubes
- 1—Philco "A-B" Socket Power
- 1—Complete Aerial Kit

Your Price
80⁹⁵
Stock No. 1748

BALKITE

- 1—Sonatron 112 Power Tube
- 5—Sonatron 201A Tubes
- 1—Balkite "A-B" Power Supply
- 1—Complete Aerial Kit

Your Price
88⁸⁵
Stock No. 1749

MAJESTIC

- 1—Sonatron 112 Power Tube
- 5—Sonatron 201A Tubes
- 1—Majestic B-Eliminator
- 1—Majestic A-Eliminator
- 1—Complete Aerial Kit

Your Price
97⁸⁰
Stock No. 2654

BUCKINGHAM-6

In Handsome Walnut Box Cabinet

ELECTRICALLY OPERATED

You need not bother with run down batteries that require your constant attention and radio reception when you have the Buckingham Six receiver. This set is especially designed to give service directly from the light socket when used with the Philco, Balkite or Majestic Power Units. The set shown can be furnished complete for electric operation with the following accessories.

Philco

- 1—Sonatron 112 Power Tube.
- 5—Sonatron 201-A Tubes.
- 1—Philco "A-B" Socket Power.
- 1—Complete Aerial Kit.
- 1—O'Neil Cone Speaker.

Your Price
74⁸⁵
Stock No. 1722

Balkite

- 1—Sonatron 112 Power Tube.
- 5—Sonatron 201-A Tubes.
- 1—Balkite "A-B" Power Supply.
- 1—Complete Aerial Kit.
- 1—O'Neil Cone Speaker.

Your Price
82⁷⁵
Stock No. 1723

Majestic

- 1—Sonatron 112 Power Tube.
- 5—Sonatron 201-A Tubes.
- 1—Majestic "B" Eliminator.
- 1—Majestic "A" Eliminator.
- 1—Complete Aerial Kit.
- 1—O'Neil Cone Speaker.

Your Price
91⁷⁰
Stock No. 2655

HERE you have the opportunity of obtaining all of the remarkable efficiency and coast-to-coast range of the Buckingham Six-Tube receiver at a surprisingly low price. The receiver is described on page 3. Comes in a beautiful Walnut Box Cabinet attractively grained and artistically panelled and carved. This box type receiver can be placed on any table with the power units below and will give reception that will equal radio receivers sold at twice the price.



For Battery Operation

The cabinet and set with built-in loud speaker and Utah Unit complete for operation with the following equipment.

- 1—Sonatron 112 Power Tube.
- 5—Sonatron 201-A Tubes.
- 1—100-amp. Westrad "A" Battery.
- 3—45-volt Upright Westrad "B" Batteries.
- 1—Complete Aerial Kit.
- 1—O'Neil Cone Speaker.

Your Price
64⁹⁵
Stock No. 1721

Your Price
36⁵⁰
List Price \$70.00
Stock No. 1720

To assure safety in shipping we have found it best to ship set and console separately.

Eighteenth Century Spanish Console—Butt Walnut

With 50-Inch Ortho-Speaker

An exquisitely designed console inspired by eighteenth century Spanish furniture art. Its remarkable beauty and pleasing lines will enrich the beauty of any home. Skillfully wrought by expert craftsman. Butt Walnut doors with Birds-eye Maple overlay. Antique highlighted finish.

Complete With Loud Speaker and Unit

Large horn compartment at top. Middle section for receiver. Space for batteries or eliminators at bottom. All compartments are accessible from front or back. Patent swing back hinges on doors. Equipped with Special Unit and 50" Pure-Tone Wood

Horn with long tone travel. Accommodates any panel up to 21" wide, 7" high, 12" deep. Outside dimensions 28" wide, 17½" deep, 54½" high. Pull out frame.

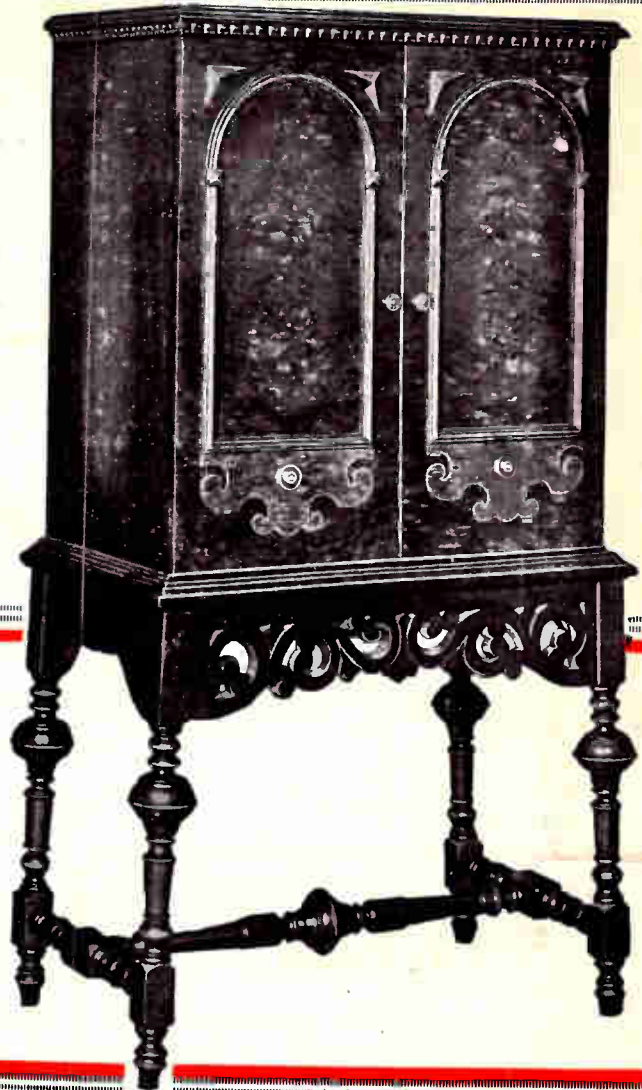
Stock No. 1743 for 7x18 Panel

Stock No. 1744 for 7x21 Panel

Your Price

47⁹⁰

List Price \$85.00



Stock No. 1745

Walnut Console With Built-In 50-In. Ortho-Speaker and Unit

A distinctive console of rare charm and beauty. Made of attractive walnut plywood in two-tone highlight finish. Front has satin wood overlay and two-tone ebonized border. Two doors may be used to amplify or diminish tone volume. Hinged grill opens from front to battery and horn compartment. Equipped with a 50" Pure-Tone Wood Horn and Special Unit. Ample sized compartment for batteries, eliminators or socket powers. Accommodates any set with panel size 18" wide, 7" high, 13" deep. Sliding pull out mounting board.

Your Price

38⁴⁵

List Price
\$65.00

Outside dimensions—26" wide,
17" deep, 48" high.

Always First In Values and Quality



Walnut High-Boy Console

Built-In Loud Speaker and Utah Unit

A GENUINE Walnut Plywood console that possesses rare beauty and high utility. Attractive satin finish, highlighted. Built-in Loud Speaker of remarkable tonal qualities equipped with Utah Unit. Middle section provides space for any size panel up to 30 in. long and 9 in. high. Lower compartment, accessible by two doors provides space for power supply units. Overall dimensions: 33 $\frac{3}{4}$ in. long, 45 $\frac{1}{4}$ in. high, and 15 $\frac{1}{4}$ in. deep. Shipping weight 125 lbs.

Your Price

33⁵⁰

List Price \$60.00

Stock No. 659



Your Price

25⁵⁰

List Price

\$45.00

Stock

No. 658

Satin Finish Walnut Console Cabinet

FOR THOSE WHO WANT TO USE SEPARATE SPEAKER

THIS handsome cabinet provides space for the receiver and power units and permits the use of any speaker. Walnut plywood, satin finish, highlighted. Takes any panel up to 30 in. long and 9 in. high and 11 in. deep. Overall dimensions: 33 $\frac{3}{4}$ in. long, 38 $\frac{1}{4}$ in. high and 15 $\frac{1}{4}$ in. deep.

Mahogany Console

Built-In Loud Speaker and Utah Unit

THIS cabinet offers a neat housing for any radio set having 7"x18" panel. Built-in loud speaker equipped with a genuine Utah unit. Lower Compartment provides ample space for power supply units. Battery compartment open at rear to permit easy access to power supply equipment. Cabinet is made of genuine mahogany plywood. The finish harmonizes well with the modern walnut furniture of today. Easy to insert panel and install set. Dimensions: 31 $\frac{1}{2}$ " long, 37" high, 13 $\frac{1}{2}$ " deep. Crated for shipment 70 lbs.



Your Price

14⁹⁵

List Price \$35.00

Stock No. 639

Adjustable Mahogany Console

A DJUSTABLE feature that makes it adaptable to panels from 7"x18" to 7"x28". Removable $\frac{1}{2}$ in. strips on either side of panel permit this adjustment. Genuine mahogany plywood finished in two tones. Speaker is not included, thus permitting the use of any speaker that might be preferred. Lower compartment open at rear, provides ample space for power supply units. Outside dimensions: 31 $\frac{1}{2}$ in. long, 37 in. high, 13 $\frac{1}{2}$ in. deep. Shipping weight—65 lbs.



Your Price

13⁵⁰

List Price \$27.50

Stock No. 640

WESTERN RADIO MFG. CO. Chicago

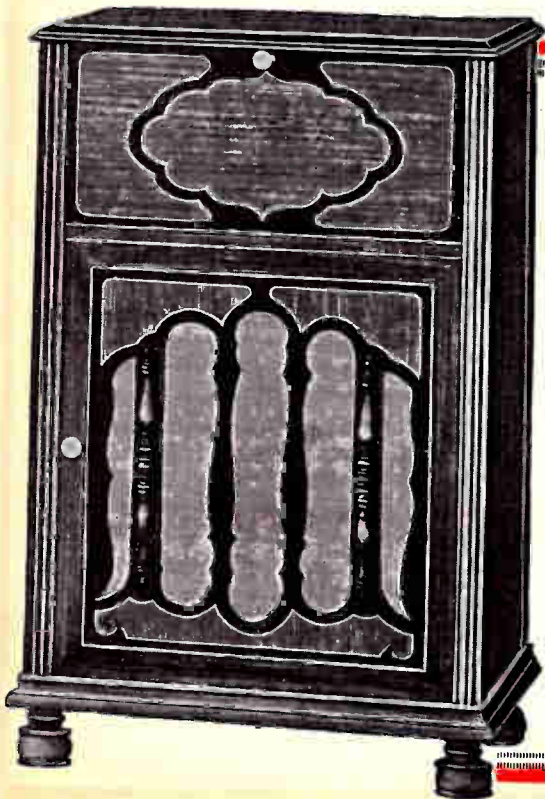
Walnut Ortho-Type with Built-In Loud Speaker

A HANDSOME cabinet made of select Walnut Plywood with genuine Butt Walnut front door. Mahogany overlay and ebonized two-tone border on drop door. Scroll overlay on side panels with carving effect on legs. Two-Tone highlighted finish. Set fits in upper compartment which provides room for any set within 30 in. wide, 8½ in. high and 13½ in. deep.

Complete with 60-inch Ortho Speaker and Unit

The lower compartment contains a *Pure-Tone Wood Horn* with 60 in. tone travel and a special unit. Ample space is provided for batteries or socket powers. A hinged door and grill gives easy access to the horn and battery compartment. Dimensions 34½ in. wide, 18½ in. deep and 41½ in. high.

Your Price **52⁵⁰** List Price \$90.00
Stock No. 1741



Two-Tone Walnut Ortho-Type Junior Console

A COMPACT junior console that provides space for receiver and power units and has a built-in 50 in. Ortho loud speaker. Walnut Plywood construction. Handsome grill with antique high-lighted wood turnings. Drop leaf encloses receiver and acts as an arm rest while tuning. Equipped with a sliding pull out mounting board. Accommodates any receiver whose dimensions does not exceed—18 in. width, 7 in. height, 13 in. depth.

Built-In Loud Speaker and Utah Unit

Your Price

24⁹⁵

The lower compartment contains the loud speaker and provides space for the power supply. Hinged grill permits easy access. Dimensions 25 in. wide, 15¼ in. deep and 43 in. high.

List Price \$44.00
Stock No. 1742

Always First In Values and Quality



DeLuxe Spanish Model

Butt Walnut Console
With 72-In.
Ortho-Speaker

The photograph can scarcely portray the remarkable beauty of this masterpiece of radio console construction. Artists of rare ability and expert craftsman have combined their talents to produce this superb console. Modeled after the Spanish, it is a harmonious blending of inlays, shading and ornamentation.

The entire front is ornamented with antique finish turnings, shaded and highlighted. Distinctive legs, pilasters and stretchers produce a pleasing lower construction. Four doors opening at the front are paneled with select Butt Walnut and are beautifully shaded. The two upper doors are inlaid with rich wood inlay designs.

The inside construction of the console is divided in three sections. The top section is provided with a reproducing unit and horn, the middle section is for the receiver and the lower section for batteries, eliminators or socket powers. All are easily accessible from the front.

Your Price

112⁰⁰

List Price \$208.00

Stock No. 1740

Built-In Loud Speaker and Unit

The De-Luxe Spanish Model is provided with a Utah Unit and a Fairfax Master Horn with 72 in. tone chamber. This gives full round tones with proper quality to notes of all pitches. The console will accommodate any receiver 31 in. wide, 9 in. high, 14½ in. deep or less. Equipped with a sliding pull out mounting board. Outside dimensions—34½ in. wide, 18½ in. deep and 60 in. high.

WESTERN RADIO MFG. CO. Chicago

SPECIALS In High Quality CABINETS



**Walnut Console
Baby Grand**

Made of selected black walnut throughout and finished with side and front panels in two-tone walnut. Hand rubbed top. Built-in Loud Speaker with Utah Unit. Adjustable frames permit use of panels, 7 in., 8 in., or 9 in. high and from 18 in. to 26 in. wide. When ordering specify panel size. Comes complete with bench. Total height with castors, 41 in. Baby Grand Console with Bench. Special Built-in Loud Speaker and Genuine Utah Unit.

List Price \$107.50

Stock No. 617

Walnut Bench Only

List Price YOUR PRICE

\$12.00

Stock No. 616

63²⁰

6⁷⁵



**Walnut Table
and Bench**

A console radio table that's a beauty in two-toned dark walnut rubbed to a velvet finish. Doors are equipped with brass hinges and knobs. Ample knee room in front with compartments on either side for power supply units. Bench slides between battery compartments when not in use. Overall dimensions—height, 30 inches; top, 18x37 inches; bench, 18 inches high; top, 12x24 inches.

List Price \$42.50

Stock No. 615

YOUR PRICE

24⁷⁵

Walnut Bench Only

An attractive bench that will find many uses about the home.

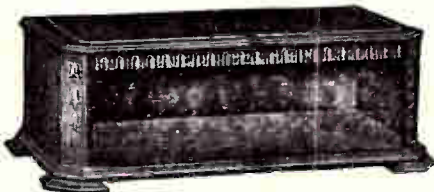
List Price \$12.00

Stock No. 616

YOUR PRICE

6⁷⁵

FRITTS Super Cabinets



Solid Walnut

The decorations are polychromed. Sides slightly raised with panel effect. Nickled piano hinge and lid stay. Made to take standard 7 in. panel. If an 8 in. panel is used, it is only necessary to remove the top panel decorative strip. All cabinets 8 ins. high inside, by 12 ins. deep from panel to back.

Stock No.	Panel Size	List Price	Your Price
1750	7"x18"	\$21.00	\$17.30
1751	7"x21"	22.00	18.30
1752	7"x24"	22.50	18.12
1753	7"x26"	23.50	19.70
1754	7"x28"	24.50	19.80
1755	7"x30"	26.50	

Kiln Dried Base Boards

Thoroughly seasoned, kiln dried hard wood. For radio.

Stock No.	Width	Length	Your Price
917	9 3/4"	17"	\$6.40
919	9 3/4"	20"	6.48
923	9 3/4"	23"	6.60
924	9 3/4"	25"	6.65
927	9 3/4"	27"	6.68
928	9 3/4"	29"	6.60



**Two-Tone Walnut
Table**

AN attractive radio table at a low price. Finished in walnut two-tone with gold stripe separating finishes. Back is entirely open to give free access to power supply compartment. Top is hand rubbed. Brass knobs and paneled finish give appearance of doors in front. Height, 30 inches; top, 16x30 inches.

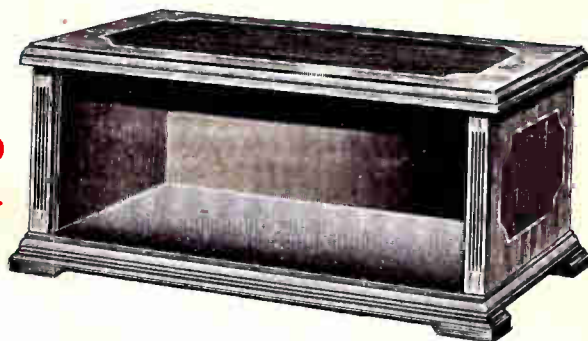
Your Price

9²⁰

List Price \$16.25

Stock No. 614

**It Pays to Deal
With
Western Radio
"The Big Friendly
Radio House"**



**Two-Tone Walnut Gold Inlay
Cabinets**

CONSTRUCTED from choice genuine walnut, hand-rubbed to bring out all the natural rich coloring of the wood. Substantially constructed and handsomely designed. A gold inlay stripe separates the two tones and adds to the beauty of this fine cabinet. Cover is piano hinged.

Stock No.	Height	Length	Inside Depth	Your Price
718	7 inches	18 inches	10 inches	\$5.75
721	7 inches	21 inches	10 inches	6.25
724	7 inches	24 inches	10 inches	6.60
726	7 inches	26 inches	10 inches	7.35
728	7 inches	28 inches	10 inches	7.75
729	7 inches	30 inches	10 inches	8.25

Always First In Values and Quality



Portable 5-Tube Single Dial Control

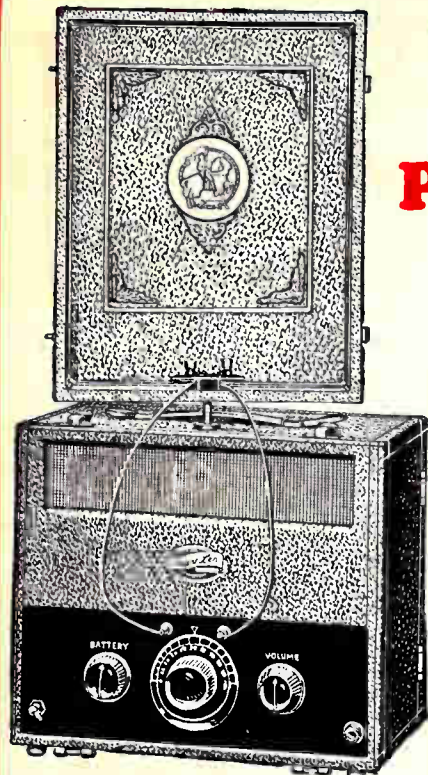
THE Trav-Ler is a compact 5-tube receiver that may be used for the home or for traveling. Can be carried from room to room in the house or from place to place on a journey. No wires to disconnect, no unattached batteries, aerial or loud speaker. Everything is in one small case; set, loud speaker, loop aerial, batteries! Just lift the cover and tune in.

Your Price Stripped

\$33⁸¹

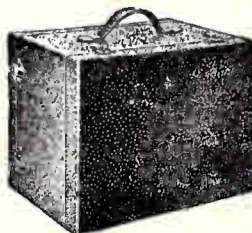
List Price \$57.50

Stock No. 1695

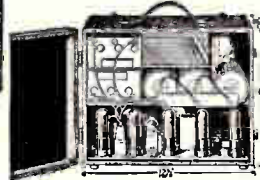


Built-In Loud Speaker

The speaker has a wonderful tone quality and is put into the upper part of the case. Case is covered with black genuine Mocotan and trimmed with gold painted fittings.



Size 8½" x 10" x 12½". Weight 23½ pounds.



Complete Set With All Accessories

The Trav-Ler can be furnished with the following accessories complete for operation.

5—UX 199 or 5—CX299

2—B Batteries 45 Volt

1—C Battery

3—Dry Cells

YOUR **\$46⁷⁰**
PRICE

List Price \$77.15
Stock No. 1796



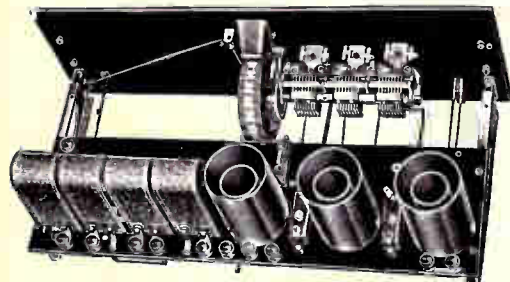
HARKNESS-6

Counterfonic Kit

YOUR PRICE

40²⁸

List Price \$68.50
Stock No. 2646



THE HARKNESS Counterfonic Six can be built in less than three hours with the list of parts, prepared by Kenneth Harkness, designer of the set.

The kit contains everything needed to build the set. No other parts are required to build the complete set, exactly as illustrated above. The kit is complete.

The front and sub-panels in the kit are drilled and engraved. The set can be assembled with only a screwdriver and a pair of pliers. The instruction folder fully and clearly explains the assembly, wiring, installation and operation. Step-by-step picture diagrams of the wiring prevent all possibility of mistakes.

Featured in the Citizens Radio Call Book, Popular Radio, New York Sun, Chicago Evening American, Chicago Daily News and many other leading radio magazines and newspapers.

CONTENTS OF COMPLETE KIT

	Prices
1 Bakelite front panel, 7x21, drilled and engraved.....	\$5.00
1 Bakelite sub-panel, 5¾"x20", drilled, with six tube sockets attached.....	4.50
1 Pair Harkness sub-panel brackets, 9¼" long.....	1.00
3 Harkness R. F. Transformers.....	6.00
3 Harkness Coil Shields.....	3.00
3 Harkness Double Impedance Tuned Audio Couplers, 1st, 2nd and 3rd stage types.....	22.50
1 Harkness Audio Output Filter Unit.....	5.00
1 Harkness Radio Frequency Choke.....	1.00
1 U. S. L. 3-gang condenser, .00035 Mfd.....	6.00
3 Hammarlund equalizer condensers.....	1.50
1 Silver-Marshall drum dial.....	3.00
1 Carter 10 ohm midget rheostat, with knob.....	.50
2 Carter or Saturn switches.....	1.30
1 Carter fixed resistance, 4/5 ohm.....	.25
3 Aerovox fixed condensers, .001, .00025 and .0001.....	1.10
1 Aerovox by-pass condenser, 1 Mfd.....	.90
1 Aerovox grid leak mounting.....	.25
1 2 megohm grid leak.....	.40
2 X-L or Wizard Variodensers, .0001 Mfd.....	3.00
12 Eby Binding Posts.....	1.80
Lugs, screws, nuts, panel supports, etc.....	.50
	\$68.50

WESTERN RADIO MFG. CO. Chicago

AERO Radiophone Transmitter

As Listed in March 1928 Citizen Call Book

List of Parts
Ready to Plug Into Light Socket

	List Price
1—Weston Model 425 Thermoammeter 0-1 amp.....	\$13.50
1—Weston Model 301 Milliammeter 0-100 mils.....	8.00
1—Weston Model 301 Milliammeter 0-50 mils.....	8.00
Aero Short Wave Transmitting Kit (2040K or 4080K or 9018K.) Specify Range Wanted.....	12.00
1—Aero No. 248 Radio Frequency Choke (Included with Aero Tran. Kit).....	
2—S-M No. 331 Unichokes.....	16.00
3—Cardwell .0005 mfd. S.L.C. Condensers.....	15.00
2—Polymet .002 mfd. Molded Condensers.....	.80
2—Polymet .0005 mfd. Molded Condensers.....	.70
1—Polymet .00025 mfd. Molded Condensers.....	.35
2—Tobe 2 mfd. 300 volt Condensers.....	2.50
1—Tobe 2 mfd. 1000 volt Condenser.....	3.50
1—Tobe 4 mfd. 1000 volt Condenser.....	6.00

	List Price
1—Tobe 1 mfd. Condenser.....	\$0.80
4—Yaxley 10 ohm Resistor-810.....	.60
1—Polymet 10,000 ohm 10 watt Resistor.....	.75
1—Yaxley 2,000 ohm 10 watt Resistor.....	1.75
1—Polymet 25,000 ohm Potentiometer, No. 2000.....	1.25
1—Polymet 15,000 ohm 10 watt Resistor.....	1.00
1—Polymet 750 ohm 10 watt Resistor.....	.75
1—Yaxley 1 1/2 ohm Resistor, No. 21.....	.15
1—Yaxley 100 ohm Resistance No. 8100.....	.25
1—S-M No. 328 Transformer.....	18.00
1—S-M No. 240 Transformer.....	6.00
1—S-M No. 242 Transformer.....	7.00
1—Yaxley 3 pole switch, No. 63.....	1.60
5—S-M No. 511 Tube Sockets.....	2.50
1—Aero Transmitter Foundation Unit No. 1.....	20.00



YOUR PRICE
List Price \$148.75
Stock No. 2656
91.80

A.C. Operated New Aerodyne 6

	List Price
1—Aero-Dyne Foundation Unit.....	\$12.50
2—Silver-Marshall Drum Coils.....	15.00
2—Silver-Marshall Type 220 Audios.....	16.00
5—Silver-Marshall No. 511 Sockets.....	2.50
4—Hammarlund .0005 Condensers.....	22.00
2—Tobe 1 mfd. Condensers.....	2.50
1—Tobe 2 meg. Grid Leak.....	.50
1—Polymet E-Z Grid Leak Mounting.....	.50
1—.00025 mfd. Carter Condenser.....	.40
1—.001 mfd. Carter Condenser.....	.50
1—.0015 mfd. Carter Condenser.....	.50
1—One-fifth ohm Carter Rheostat.....	.75
1—0.200,000 ohm Carter Variable Resistor.....	2.00
1—Yaxley Cable No. 660.....	3.00
2—Yaxley 6-ohm Resistance.....	.30
2—Yaxley 3-ohm Resistance.....	.30
1—Yaxley 300-ohm Resistance.....	.30
1—Yaxley 6-ohm Potentiometer.....	1.75
1—Benjamin 5 prong Socket.....	1.20
X-L Binding Posts—Lettered: Speaker+, Speaker—, C—C, C+, B 180, B 135, B 45, B—, Antenna, Ground.....	1.65

YOUR PRICE
53.00

Stock No. 2657 List Price \$90.15

A.C. Operated Chicago Daily News Receiver

	List Price
Daily News Foundation Unit.....	\$ 5.75
Aero Coil Kit U-95.....	8.00
Aero No. 60 Noskip Choke.....	1.50
1—Benjamin 5 prong socket.....	1.20
2—Amsco .0005 Variable Condenser.....	7.00
1—Amsco .00025 Variable Condenser.....	3.00
1—Carter .00025 Mfd. Condenser.....	.40
1—Carter 1/5 ohm Rheostat.....	.75
1—Carter 200,000 ohm Var. Resistor.....	2.00
2—S-M No. 220 Transformers.....	16.00
3—S-M Plain Sockets.....	1.50
1—Tobe 2 meg. Grid Leak.....	.50
1—Yaxley No. 669 Cable.....	3.25
2—Yaxley 10 ohm Resistances.....	.30
2—Yaxley 3 ohm Resistances.....	.30
1—Yaxley 6 ohm Potentiometer.....	1.75
1—Mod. N X-L Variodensers.....	1.00
8—X-L Binding Posts.....	1.20
C-40, C-12, B—, B+45, B+135, B+180, Antenna, Ground.....	
2—S-M Drum Dials.....	6.00
1—Kurz Kasch Knob.....	.20

YOUR PRICE
36.22

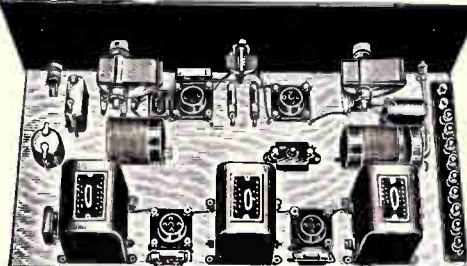
Stock No. 2658 List Price \$62.10

A.C. Operated New Aerodyne 7

	List Price
1—Aero 7 Foundation Unit.....	\$ 2.00
1—Aero U-12 Kit.....	12.00
1—Aero Antenna Adapter AA17.....	1.75
1—Aero No. 60 Choke.....	1.50
1—Amsco .0005 Triple Condenser.....	1.25
1—Amsco Resisto-Couplers @ \$1.25.....	3.75
3—Amsco 0.1 meg. @ \$0.75.....	2.25
1—Amsco 0.5 meg.....	.50
1—Amsco 0.25 meg.....	.50
1—Amsco 1.0 meg.....	.50
1—Amsco 2 meg. Grid Gate.....	.50
1—Amsco Grid Gate Mounting.....	.30
6—Amsco Plain Sockets.....	3.00
1—Benjamin 5 Prong Socket.....	1.20
1—Carter .001 mfd.....	.50
1—Carter .0005 mfd.....	.40
1—Carter .00025 mfd.....	.40
2—Carter 1 mfd. @ \$1.25.....	2.50
1—Carter 200,000 ohm Variable Resistor.....	2.00
1—Carter 1/5 ohm Rheostat.....	.75
1—Carter Power Switch No. 110.....	.75
1—Carter 6 ohm Potentiometer.....	1.00
1—S-M Midgez Condenser.....	1.50
1—S-M Drum Dial.....	3.00
1—Yaxley 500 ohm Resistance.....	.50
2—Yaxley 3 ohm Resistors.....	.30
2—Yaxley 10 ohm Resistors.....	.30
1—Yaxley No. 669 Cable.....	3.25
9—X-L Binding Posts.....	1.35
Ant., Gnd., C-40, C-12, C-9, B—C+, B+45, B+135, B+180.....	

YOUR PRICE
40.72

Stock No. 2659 List Price \$69.25



EVERYMAN 4 For A and B Eliminators or Battery Power

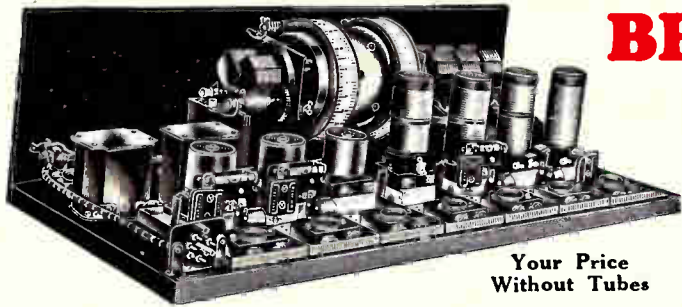
Parts As Specified In Citizens Call Book

	List Price
1—No. 3300 Transformer, first stage.....	\$ 7.00
1—No. 3320 Transformer, second stage.....	7.00
1—No. 2700 Clarifier-Output Transformer.....	5.00
1—No. 1600 Push-Pull Panel Switch.....	.35
1—No. 3730 Three Megohm Heavy Duty Gridleak.....	.50
1—No. 800 Gridleak Mounting.....	.15
1—No. 305 .00025 Moulded Bakelite Fixed Condenser.....	.40
1—No. 301 .0001 Moulded Bakelite Fixed Condenser.....	.40
2—No. 507 .5 MFD. By-pass Condenser @ 75c.....	1.50
1—No. 2750 Radio Frequency Choke @ 75c.....	1.50
3—No. 1700 Tubestats @ 50c.....	1.50
1—No. 1730 Tubestats.....	.50
1—No. 1900 Variall Condenser.....	.75
1—7x21 in. Micarta Panel drilled and engraved.....	3.75
1—Set of "Everyman" Coils Twin Coupler.....	5.00
25 ft. Flexible Rubber Covered Wire.....	.25
11—X. L. Binding Posts.....	1.65
4—Benjamin Sockets No. 9940 @ 75c.....	3.00
2—Hammarlund Condensers No. M-L 23 @ \$5.50.....	11.00
1—Hammarlund Condenser No. M-C 11 @ \$175.....	1.75

YOUR PRICE
31.15

List Price \$52.95
Stock No. 2668

Always First In Values and Quality



BEST'S NEW 9-Tube 115 Kilo Super With Shielded Grid Tubes

Best's New 9-Tube Super, possesses enormous amplification. Remarkable sensitivity. It is G. M. Best's latest and best development. Self neutralizing. Employs 9-tubes, using 4 shielded grid tubes, 4CX 299 or 199 tubes and 1CX 112A or 171A tubes. Operates from 6-volts "A" battery or electric power supply. The set has been designed so that it may be wired in the least possible time. Comes complete with instructions. Will give Coast-to-Coast reception with great volume.

Your Price
Without Tubes

84⁷³

List Price \$143.50
Without Tubes

Stock No. 2670

1—7x26x ³ / ₈ Bakelite Panel	\$ 4.25
1—11x26 Baseboard.....	1.50
7—Remler No. 720 Shielding Cases	21.00
2—Remler No. 110 Drum Dials	9.00
1—Remler No. 633 Condenser, 3 Gang .00035.....	15.00
1—Remler No. 638 Condenser .00035 S. L. W.....	5.00
1—Remler No. 550 Interchangeable Inductance	3.00
2—Remler No. 560 Interchangeable Inductance	6.00
1—Remler No. 570 Interchangeable Inductance	4.50
1—Remler No. 612 Interchangeable Inductance 115KC	4.00
2—Remler No. 614 Interchangeable Inductance 115KC	8.00
16—Remler No. 50 Sockets	8.00
1—Frost No. 954 Jack .....	.45
3—Remler No. 61 Mountings.....	1.50
1—Yaxley No. 660 Cable Connector Plug	3.00
1—Jewell Patt. 135, 0-5 Voltmeter.....	7.00
1—Remler No. 502 Antenna Compensator	5.00
1—Remler No. DK-10 Knob .....	.20
2—Remler No. 750-12 Knobs .....	.40
2—Silver-Marshall 220 Audio Transformers.....	16.00
1—Frost No. S1910 Rheostat Gem 10 ohms.....	1.00
1—Frost No. 1882 Variable High Resistance 200,000 ohms	1.75
1—Frost No. 1922 Gem Potentiometer 200 ohm.....	1.00
7—Sangamo .1 mfd. By-Pass Condenser.....	5.95
3—Sangamo .00025 Condensers	1.20
1—Sangamo .0005 Condenser .....	.40
1—Sangamo .006 Condenser .....	.85
1—Sangamo .005 Condenser .....	.70
1—Sangamo .0001 Condenser .....	.40
1—Sangamo .00005 Condenser .....	.40
4—Remler No. 35 Choke Coils.....	3.60
2—Eby Binding Posts.....	.30
1—Frost 2 ohm. Resistance.....	.18
2—Durham 3 meg. Leaks.....	1.00
1—Durham 2 meg. Leak.....	.50
2—Rolls Acme Flexible Celatsite.....	1.50

\$143.50

Remler Ballasts

3—Remler No. 54 Ballast Shields (optional).

4—Remler No. 55 Ballast Shields (optional).

YOUR PRICE

1⁸⁰

List Price \$3.00 Stock No. 2671

YOUR PRICE

4⁸⁰

List Price \$8.00 Stock No. 2672

New VICTOREEN 8-Tube Single Dial A-C Kit

LIST OF PARTS

1—Binding Post Strip, 4x ⁵ / ₈ in.....	\$ 0.15
1—Lignole 7x26x ³ / ₈ -in. Front Panel.....	6.00
1—Binding Post Strip, 7 ¹ / ₄ x ⁵ / ₈ in.....	.25
1—Wood Baseboard, 9 ¹ / ₂ x25 in.....	.85
4—Victoreen No. 170 R. F. Transformers	28.00
1—Victoreen No. 150 Coupling Unit.....	5.50
1—Victoreen No. 160 Antenna Coupler.....	3.50
1—Victoreen 112 Audio Transformer Unit	22.00
1—Victoreen 326 Filament Transformer.....	22.00
1—Victoreen 333 Switch and Plug Unit.....	4.75
1—Victoreen Master Control Type VU.....	19.50
1—Victoreen 1/2-ohm Rheostat.....	1.20
1—Victoreen 400-ohm Potentiometer.....	1.50
1—Victoreen 30-ohm Potentiometer.....	1.20
4—Benjamin 5-Prong UY Type Sockets.....	4.80
4—Benjamin 4-Prong UX Type Sockets.....	3.00
1—Yaxley No. 760 Jr. Jack Switch.....	1.20
2—Sangamo .0005 Condenser with grid leak clips.....	1.00
2—Daven 2-meg. Leaks.....	.80
1—Sangamo .005 Condenser.....	.70
4—Tobe 1 Mfd. By-Pass Condensers.....	3.60
1—Tobe 2 Mfd. By-Pass Condenser.....	1.75
2—Daven No. 50 Leak Mountings.....	.70
1—Daven .05 meg. Grid Leak.....	.75
1—Daven .25 meg. Grid Leak.....	.40
1—Marco No. 192 Dial.....	2.50
13—Eby Marked Binding Posts.....	1.95
50—Feet Acme Square Buss Bar Wire.....	.70
1—Length, 2 ¹ / ₂ ft., Spaghetti Tubing.....	.10

Your Price

82⁵⁵

List Price

\$140.35

Stock No.

2900

LIST PRICE, \$140.35

New VICTOREEN Power Amplifier and B Supply

PARTS REQUIRED

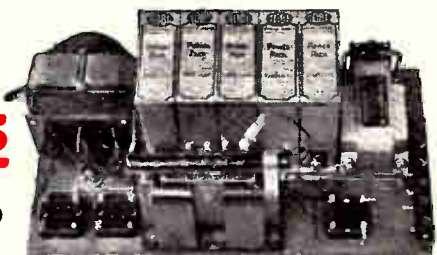
1—Victoreen 116 power transformer	List Price \$16.00
1—Victoreen 216 choke	15.00
2—Victoreen 316 resistance units	6.00
1—Victoreen 115 output unit	10.00
2—Tobe 2 MFD 1000 volt DC condensers.....	7.00
4—Tobe 4 MFD 1000 volt DC condensers.....	24.00
1—Tobe 2 MFD condenser By-Pass.....	1.75
1—Porcelain miniature socket .....	.25
1—6 volt flashlight bulb.....	.30
3—UX type sockets	2.25
2—381 rectifier tubes	15.00
1—CX 310 power tube	9.00
1—Baseboard 9x18 inches .....	.65
1—Binding post strip .....	.25
7—Eby binding posts	1.05

\$108.50

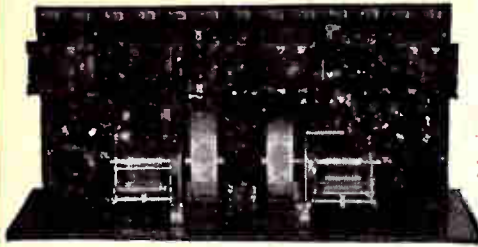
Your Price
Complete With
Tubes

66¹⁵

List Price \$108.50
Stock No. 2673



S-M Universal All-Wave Tuners



Shows the 4-Tube Tuner

quality and ultra-selective in 2, 3, 4 and 5-tube models using plug-in coils for reception of all wave lengths from 18 to 3000 meters. Complete battery or socket power sets or two-tube battery or socket power sets ideal for use with Unipacs, power packs or phonograph amplifiers. Can be used with dry cell, standard A. C. or shielded grid tubes.

No. 640 UNIVERSAL TUNER ESSENTIAL KIT. Contains the essentials—two coils, two coil sockets, the RF choke, and the midget condenser—for building any and all models of the Universal All Wave Tuners using standard accessories. The A range 190 to 550 meter coils are a part of this kit, which can be used for bringing older sets up to modern standards of performance.

Your Price
9⁴¹
List Price \$16.00
Stock No. 2917

No. 642 TWO TUBE TUNER KIT. Contains all necessary parts in addition to type 640 essential kit, for building the 642 two tube battery-operated tuner for 1½, 3 or 5 volt tubes. This tuner is especially designed to precede high quality two stage power packs, or Unipacs for ultra high quality reception.

Your Price
17³⁵
List Price \$29.50
Stock No. 2918

No. 642AC TWO TUBE TUNER KIT. Contains all parts for building the 642 two-tube tuner for 1½, 3 or 5 volt tubes for complete socket-powered operation using two UY227 type A. C. tubes. Type 642AC tuner, with any high quality two stage AF amplifier power pack or Unipac, derives all B and C power from the pack, and requires, in addition, only a 2.5 volt filament transformer for A power.

Your Price
19⁵⁵
List Price \$33.25
Stock No. 2919

No. 644 FOUR TUBE TUNER KIT. Contains all parts for building a Universal All Wave Tuner which is essentially model 642 two tube set plus a self-contained high quality two stage audio amplifier. Provides loud speaker volume over distances of 500 to 1500 miles under favorable conditions. 644 tuner offers greater sensitivity, greater selectivity and far finer tone quality than any of the standard six tube one-dial sets costing far more.

Your Price
25¹⁴
List Price \$42.75
Stock No. 2920

No. 644AC FOUR TUBE TUNER KIT contains all parts for building a completely socket-powered A. C. set similar to model 644. This tuner may use any standard power output tube, either UX112, UX171, or the super-power UX210, obtaining all ABC power from a 648 or 649 power kit.

Your Price
31⁷⁵
List Price \$54.00
Stock No. 2921

648ABC POWER UNIT KIT contains all parts for a complete ABC power supply unit operating from 110 volt, 60 cycle lamp socket. It delivers approximately 45, 90 and over 220 volts to 644 AC tuner, with 1.5, 2.5 and 5 volt A power for A. C. tubes.

Your Price
19¹⁰
List Price \$32.50
Stock No. 2922

649ABC POWER UNIT KIT is similar to model 648 except that it supplies approximately 45 and 90 volts and over 450 volts for UX210 power tube, as well as 1.5, 2.5 and 7.5 volts A power for A. C. tubes.

Your Price
23³⁷
List Price \$39.75
Stock No. 2923

SHIELDED GRID 644 KIT

Universal wave length range 30 to 3,000 meters and employing the new UX-222 screen grid R. F. amplifier tubes. Needless to say, the 644-SG with its UX-222 high gain R. F. amplifier stage, its regenerative detector and two high quality flat characteristic audio stages, represents the best dollar for dollar value of 1928. Range 50 to 1500 miles on the speaker with selectivity enough for DX in New York or Chicago.

Your Price
27²⁰
List Price \$46.25
Stock No. 2924

S-M 240 Transformer Series



Similar to the famous 220 series of transformers but slightly smaller—but with the same general characteristics. Ideal for replacement or for any new assembly. 240 audio transformer guaranteed superior to any other transformer in its price class. 3:1 ratio, rising low note characteristics and 5,000-cycle cut-off. Either for first or second stage operation.

Stock No. 2927. List Price \$6.00. Your Price 3⁵³

No. 241 OUTPUT TRANSFORMER for use between the last power tube and loud speaker in conjunction with S-M 240. Will improve low note reception and protect speaker windings.

Stock No. 2928. List Price \$5.00. Your Price 2⁹⁴

No. 243 AUDIO CHOKE for those who prefer the conventional choke and 2 or 4 mfd. combination. Also for those who prefer two power chokes in B eliminator and power unichoke.

Stock No. 2929. List Price \$5.00. Your Price 2⁹⁴

No. 244 UNICHOKE. A two winding high inductance filter choke. Its tuned sections eliminate the 120 cycle ripple and needs only 7 mfd. capacity. Equal or superior to any 2 section chokes.

Stock No. 2930. List Price \$5.00. Your Price 2⁹⁴

No. 245 PUSH-PULL INPUT TRANSFORMER. For use in any high quality push-pull amplifier. Or can be used as a variable ratio audio transformer.

Stock No. 2931. List Price \$7.00. Your Price 4¹²

No. 246 PUSH-PULL OUTPUT TRANSFORMER. For use with the 245 or can be used as a straight output transformer by virtue of a center tapped primary.

Stock No. 2932. List Price \$7.00. Your Price 4¹²

No. 242 MICROPHONE TRANSFORMER. A modulator or line coupling transformer for the "ham".

Stock No. 2933. List Price \$7.00. Your Price 4¹²

No. 327 POWER TRANSFORMER for full wave or half wave rectifications. Two 250 volt secondaries; 2—7½ volt, 1¼ amp.; 1—1½ volt, 1-amp.; and 1—2½ volt, 3½ amp. filament windings.

Stock No. 2934. List Price \$12.00. Your Price 7⁰⁶

No. 247 FILAMENT TRANSFORMER. All your "A" power for \$5.00. This transformer supplies all A power to your present set on using Naald, Eby or Carter tube harnesses enabling you to use A. C. tubes in your present set without any change in wiring. Contains 1—5 volt, 1 ampere secondary; 1—2½ volt, 4 ampere secondary; 1—1½ volt, 4 ampere secondary.

Stock No. 2935. List Price \$5.00. Your Price 2⁹⁴

S-M 675 High Volt Power Supply

675 High Volt Power Unit is a complete B power supply allowing a UX-210 super power amplifier to be used in the last stage of any receiver. Delivers 460 volts filter D. C., 45, 90 and 135 volts taps for receiver supply, also furnishes 35 volts C and 7½ filament lighting for 210 tube.

Your Price

34¹⁰

List Price \$58.00
Stock No. 2925

S-M 678 Power Amplifier

A complete two stage power amplifier provided with an adapter to be inserted in a radio receiver detector tube socket beneath the regular detector tube. Ideal for phonograph record reproduction. Will also supply B voltage to any receiver at 45, 90, and 135 volts, and 2½ volts A. C. for operation of A. C. tube equipped receivers.

Your Price

45⁸⁷

List Price \$78.00
Stock No. 2926

Always First In Values and Quality

NEW SILVER-MARSHALL SHIELDED GRID-6

LIST OF PARTS FOR ANTENNA KIT

4—S-M 631A stage shields @ \$2.00.....	\$ 8.00
2—S-M 316A condensers, matched @ \$4.50.....	9.00
2—S-M 316B condensers, matched @ \$4.50.....	9.00
4—S-M 515 coil sockets @ \$1.00.....	4.00
6—S-M 511 tube sockets @ \$0.50.....	3.00
3—S-M 119A RF transformer coils, matched, @ \$2.50.....	7.50
1—S-M 116A antenna coil.....	2.50
2—S-M 220 audio transformers @ \$8.00.....	16.00
1—S-M 221 output transformer.....	7.50
1—S-M 632 triple link motion.....	2.50
1—S-M 636SG terminal strip, with terminals.....	2.00
1—S-M 633 drilled and engraved metal panel 7x21 inches.....	8.50
1—S-M 634 steel chassis, 12x19½x1½ inches.....	6.00
1—Frost 20-ohm rheostat.....	.50
3—Yaxley 3000 ohm grid resistors @ \$0.50.....	1.50
1—Carter No. 105 condenser, ½mf.....	.90
1—Carter .002 mfd. condenser.....	.50
2—Carter No. 10 tipjacks @ \$0.10.....	.20
1—Carter H-2 resistor, 2 ohms.....	.25
3—Carter H-10 resistors, 10 ohms @ \$0.25.....	.75
1—Carter H-4/7 resistor, .57 ohm.....	.25
1—Carter No. 22 Imp. short jack switch (antenna).....	.60
1—Carter No. 2 Imp. battery switch.....	.50
2—Fast 1 mf. condensers @ \$0.90.....	1.80
2—Marco walnut vernier dials @ \$2.50.....	5.00
1—Coil (25 ft.) S-M hook-up wire.....	.50
1—Blueprint Packet, with instructions.....	.25
1—Set hardware (screws, lugs, nuts, etc.).....	.25

\$99.25

**Model 630-SG
for Antenna Operation**

List Price

\$99.25

Stock No. 2687

Your Price

\$58³⁵

**Model 630-LSG
for Loop Operation**

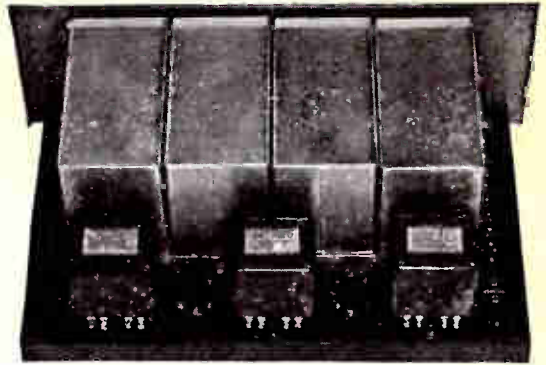
List Price

\$91.50

Stock No. 2688

Your Price

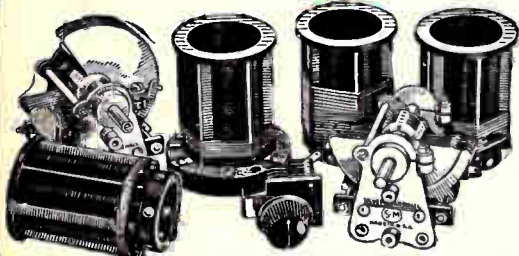
\$53⁸⁰



IN the Shielded Sixes are found an ability to cut through the worst kind of local interference, distance getting ability and an ease of tuning coupled with a tone quality that is startling in its realistic reproduction. Both models employ the new UX-222 screen grid R.F. amplifier tubes—they have an amplification gain heretofore unobtainable. Easy to tune.

The Shielded Grid Sixes are easy to build. And the entire design and assembly has been worked out with such thoroughness that it is practically impossible to make a mistake. Every mounting hole is already drilled—every hole for every part and lead wire is pierced in the steel chassis. The completed receiver presents the latest developments in complete shielding and substantial construction.

Made in two models—the 630-SG for antenna operation and the 630-LSG for loop operation.



The S-M Short Wave Kit

for Building a Short Wave Receiver

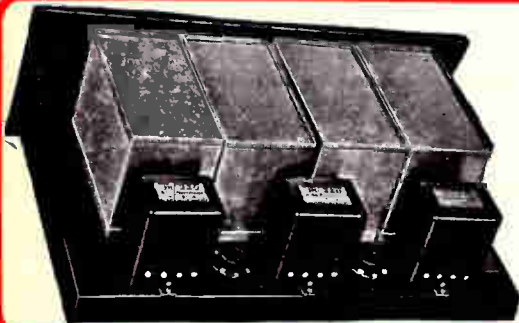
Your Price

\$13⁵⁴

List Price
\$23.00

Stock No. 240

Wave length range of from 18 to 150 meters. Kit contains all essential units required. "Dead spots" at which the receiver will not oscillate are eliminated. Kit contains one No. 117 coil set, one No. 515 coil socket, one No. 340 midget condenser and two variable condensers. Range of receiver can be increased to 350 meters by addition of a S-M-111A, plug-in coil. Diagram and directions included.



Improved 630 Silver Shielded Six Kit

Your Price

\$55⁸⁶

List Price \$95.00

Stock No. 621

Kit contains complete parts to build the efficient Silver Shielded Six. Consists of three stages tuned radio frequency, detector and two stages of audio. Coils and condensers carefully matched. Each coil and condenser is thoroughly tested in the laboratory for operating efficiency and uniformity. Assembly is metal with the exception of bakelite insulation on instruments. Steel chassis 19½ in. long by 12 in. deep. Radio frequency circuit separately shielded. Bronze front panel 7 in. by 21 in. finished in Walnut. Comes complete with wiring diagram.

630 A. C. SHIELDED SIX

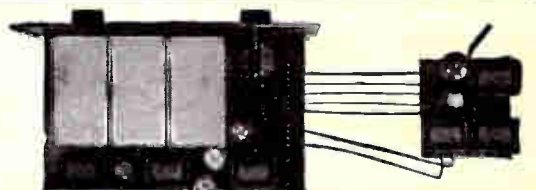
Similar to the 630 Shielded Six but designed for the new Cunningham or RCA, A.C. tubes. Requires no batteries or charger for its operation—deriving all power from any 105-120 volt, 60 cycle, light socket through the agency of a small dry ABC power unit which furnishes proper operating voltages (like the S-M 652A). The 630 A.C. Shielded Six with its complete dry ABC power unit is less than 7 inches square.

List Price \$99.60

Stock No. 2686

Your Price

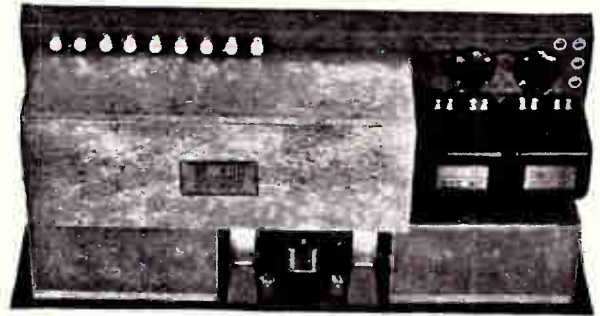
\$58⁵⁵



WESTERN RADIO MFG. CO. Chicago

IMPROVED S-M SUPER

Screen Grid Laboratory Model



UNQ UES -
TIONABLY
the most sen-
sitive and selective re-
ceiver the world has
ever seen. It combines
all the advantages of
superheterodyne design
with the selectivity of

YOUR PRICE

54⁴⁵

LIST PRICE
\$92.65

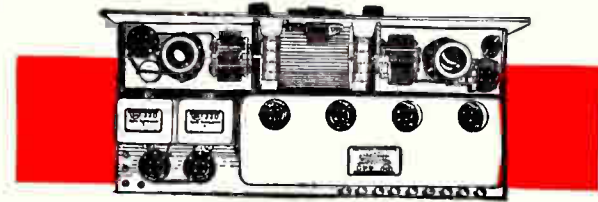
STOCK NO. 2616

the newly developed Jewelers Time Signal Amplifier and the tremendous amplification gain of the shielded grid tubes. Simple to construct, all panel and chassis holes pierced. A screw driver, a pair of pliers and a soldering iron will complete the job in an evening. Will cut through any kind of local interference and pull in DX stations one, two and three thousand miles away regularly. This super will be the biggest seller of 1928.

List of Parts

1—Van Doorn panel and chassis unit, pierced, with hardware	\$ 8.50
1—Carter .00015 condenser with leak clips	.50
1—Carter 20 ohm rheostat	.50
1—Carter 6 ohm rheostat	.50
1—Carter battery switch	.50
4—Carter No. 10 tip jacks	.40
1—Carter 4/7 ohm (.57) resistor	.25
1—Tobe 2 megohm grid leak	.25
2—S-M 220 audio transformer @ \$8.00	16.00
4—S-M 511 tube sockets @ 50c	2.00
1—440-SG time signal amplifier, 112 KC	40.00
2—S-M 805 vernier drum dials @ \$3.00	6.00
1—S-M 275 RF choke	.90
1—S-M 342 condenser	1.50
2—S-M 515 coil sockets @ \$1.00	2.00
2—S-M 111A coils @ \$2.50	5.00
9—X-L binding posts @ 15c	1.35
2—S-M 320 .00035 condensers @ \$3.25	6.50

\$92.65



Silver-Marshall

S-M

Improved 8-Tube Laboratory Super

THE latest achievement of McMurdo Silver the well known radio engineer. Eight tubes—two dial control. Gives tremendous volume on distant stations. Easily tunes through local stations. All parts matched for harmonious operation. Comes complete with blueprints and instructions. Very simple to build.

List of Parts

1—Van Doorn panel and Chassis unit, pierced, with hdwe.	\$ 8.50
1—Carter .00015 Condenser with Leak Clips	.50
1—Carter M200 Potentiometer	.75
2—Carter 1/2 Mfd. Condenser at 90c	1.80
1—Carter 3-Ohm Rheostat	.50
4—Carter No. 10 Tip Jacks at 10c	.40
1—Carter Battery Switch	.50
1—2-Megohm Leak	.25
2—S-M 220 Audio Transformers at \$8.00	16.00
4—S-M 511 Tube Sockets at 50c	2.00
2—S-M 805 Vernier Drum Dials at \$3.00	6.00
1—S-M 275 R.F. Choke	.90
1—S-M 342 Condenser	1.50
1—S-M 440 Time Signal Amplifier	35.00
2—S-M 515 Coil Sockets at \$1.00	2.00
2—S-M 111A Coils at \$2.50	5.00
9—X-L Binding Posts at 15c	1.35
2—S-M 320 .00035 Condensers at \$3.25	6.50
Wire Lugs and Prints	1.00

(If shielded oscillator and first detector are desired, add \$2.36 for two S-M type 631 stage shields.)

YOUR PRICE

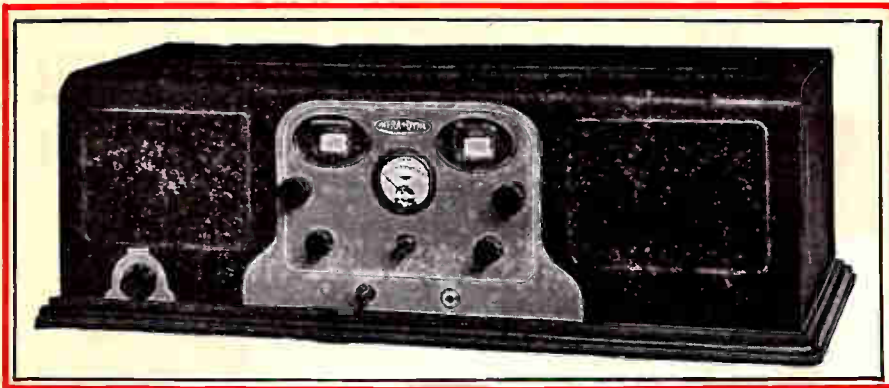
\$52³⁰

LIST PRICE

\$90.45

STOCK No.
1630

Always First In Values and Quality

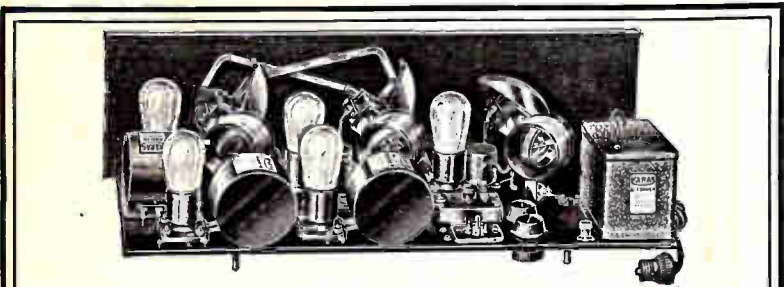


THE NEW
INFRADYNE
10-TUBE KIT
1928 De Luxe Model

THE 1928 Model of the Infradyne offers the set builder an opportunity to build a radio set of excellent performance and beautiful appearance at a price that means a great saving compared to factory built receivers. Easy to build and operate. All difficult wiring and adjusting is done at

Your Price,
 Complete Parts
105⁸⁴
 List Price 180.00
 Stock No. 1602

the factory and satisfactory operation is assured.
 A switch converts the new Infradyne from a ten tube, two dial control set, to a five tube single dial control set for local reception.
 The Infradyne is noted for its remarkable quietness of operation and life-like tone quality. All cable wiring is concealed under the steel foundation unit, pierced for mounting holes and wiring connections.
 Bronze finished control panel. Only two tuning controls. Remler illuminated drum dials. Separate auxiliary volume and sensitivity controls are provided.
 The new Infradyne operates with just a few feet of wire under the rug or around the picture moulding or with a short outdoor aerial.
 Complete with Silver Marshall Audio and output. Transformers and Jewel Panel Voltmeter 0-5.



KARAS 5-TUBE A-C
EQUAMATIC

This set operates directly from A.C. Current when built of the parts listed below and equipped with A.C. Tubes.

- 1-Karas A.C. Former, Type 12.....\$13.50
- 2-Karas New Type 28 Audio Transformers.....16.00
- 1-Karas Output Filter.....8.00
- 3-Karas New Type 17 Variable Condensers, .00087...15.75
- 3-Karas Equamatic Coils.....12.00
- 2-Karas Micrometric Dials, 0-100.....7.00
- 3-Karas Sub-panel Brackets......70
- 1-Karas Control System, including complete hardware.....3.00
- 1-Foxley Cable Plug 060.....3.00
- 1-Electrad Fixed Resistor B-20, 2000-ohm......35
- 1-Electrad Royalty Variable High Resistance, Type E.....2.00
- 4-Benjamin Sockets, No. 9040.....3.00
- 1-Benjamin Socket, No. 9036.....1.20
- 1-Durham Grid Leak, 2-megohm......50
- 2-Hammarlund No. 85 Chokes.....4.00
- 2-Samson .00003 to .0003 Neutralizing Condensers...4.50
- 1-Carter Imp 110-volt Switch......75
- 1-Carter M.W. No. 75 Midget Rheostat.....1.00
- 1-Carter M.W. No. 1/5 Midget Rheostat......75
- 1-Carter M.W. No. 2 Potentiometer, 2000-ohm.....1.25
- 1-Carter No. 310 By-pass Condenser.....1.25
- 2-Carter Fixed Condensers, .00015......80
- 1-Carter Fixed Condenser, .006......35
- 1-Carter Fixed Condenser with Clips, .00025......50
- 2-Carter No. 10 Tht Jacks......20
- 1-1x24 Drilled and Engraved Front Panel.....5.00
- 1-9x23 Drilled and Engraved Sub-panel.....6.00
- 1-X-L Binding Post, Aerial......15
- 25 feet Acme Celatsite Wire......80

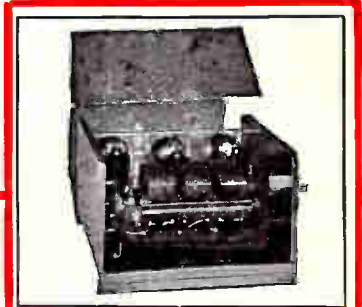
Your Price
67⁶⁵
 List Price
\$115.05

Stock No. 2614

Tubes for A.C. Equamatic

- 3-226 A. C. Tubes Sonatron.....\$3.00 each **\$1.50**
- 1-227 A. C. Tubes Sonatron.....6.00 each **3.00**
- 1-171 Output Amplifier Tube.....3.50 each **1.75**

Your Price
 for all
 5- **9²⁵**
 tubes
 Stock No. 2615



REMLER R. F. AMPLIFIER

The new Remler No. 710 Radio Frequency Amplifier consists of two stages of tuned radio frequency and a detector designed and built by Remler Engineers.

Tuned by means of the new Remler Three-Gang Twin Rotor Condenser operated by the new Remler illuminated drum dial. New type coils giving extremely high amplification and arranged with mechanically coupled primaries to permit extreme selectivity.

The separate stages are complete shielded and the entire unit is enclosed in a polished and lacquered copper case.

A special Antenna Compensator is furnished with the Amplifier which completely does away with the use of balancing condensers.

This unit can be used in any standard tuned radio frequency receiver.

Your Price
32³⁴
 List Price
\$55.00

Compensator is furnished with the Amplifier which completely does away with the use of balancing condensers. This unit can be used in any standard tuned radio frequency receiver.

Stock No. 1603

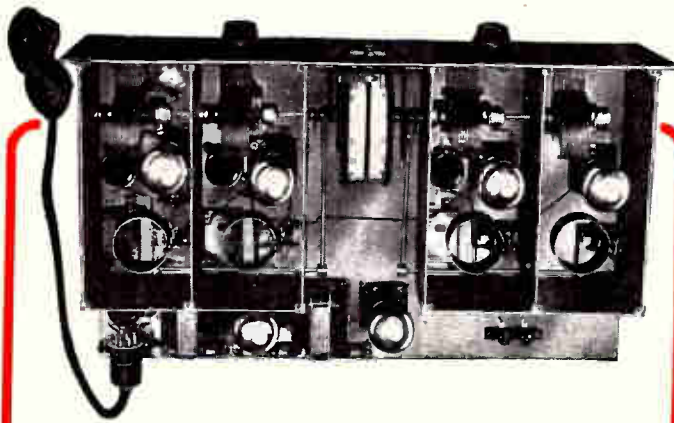
The Infradyne Amplifier consists of a specially designed tuned radio frequency amplifier operating at 86 meters and is especially designed for the Infradyne Circuit. Completely wired and enclosed in a polished copper shield.

Remler Infradyne
AMPLIFIER



Stock No. 1604
 List Price \$27.50

Your Price **16¹⁴**



Hammarlund
ROBERTS
Hi-Q SIX

Single Dial Control

Your Price

58¹⁰

List Price \$98.90

Stock No. 1624

Enormous volume and excellent tone quality characterize the new Hammarlund Roberts Hi-Q-Six. Foundation unit consists of drilled and engraved

Westinghouse Bakelite-Micarta Panel, completely finished Van Doorn steel chassis, four heavy aluminum shields, extension shafts, cams, rocker arms, wire, screws and nuts for the complete receiver. Single dial control. Kit contains full instructions for building.

List of Parts

2 Samson Symphonic Transformers at \$10.00	\$20.00
4 Hammarlund .0005 mfd Midline Cond. at \$5.50	22.00
4 Hammarlund Hi" Six Auto Couple Coils (Code 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	.50
1 Hammarlund .00025 mfd Bakelite grid cond. with clips	.50
1 Carter No. IR-6 Imp Rheostat, 6 ohm	1.00
1 Carter Imp Battery Switch with knob	.75
1 Durham Metallized Resistor, 2 megohms	.50
3 Parvot 1/2 mfd Series A Condensers at \$1.00	3.00
2 Amperites No. 1-A 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	.45
1 Yaxley No. 660 Cable Connector and Cable	3.00
1 Hammarlund-Roberts Hi-Q Six Foundation Unit	15.50

NEW IMPROVED KARAS 2-DIAL Equamatic



Complete neutralization makes the receiver easy to tune, and gives clearer, purer and more beautiful tone. The reduction in size of panel and baseboard to 24 inches in the Karas 2-Dial Equamatic and the improved reception of this completely neutralized receiver makes it one of the most popular receivers for 1928.

Ingenuous arrangement of two tuning condensers is centered in a single dial. Accomplished without backlash or mechanical losses of any kind. Karas Micrometric Dials brings in the most hard-to-get stations with ease. Tuning to 1-1000th of an inch becomes simple, because of the extremely high gear ratio of 63-to-1 of the specially designed Karas gear train.

Parts for 2-Dial Equamatic

2 New Karas Type 28 Audio Transformers	\$16.00
1 New Karas Output Filter	8.00
3 New Karas Type 17 Variable Condensers	15.75
3 New Karas Equamatic Coils	12.00
2 New Karas Micrometric Dials 0-100	7.00
3 New Karas Subpanel Brackets	.70
1 New Karas Control system including complete hardware	3.00
2 Karas R.F. Chokes 100 Millihenry	5.00
1 Bakelite front panel engraved (7"x24")	5.68
1 Bakelite subpanel drilled (9"x23")	6.00
1 Carter 10 ohm rheostat	1.00
1 Carter 20 ohm rheostat	1.00
1 Yaxley No. 69-B Interstage Switch	1.25
2 Carter Tip Jacks	.20
1 Sangamo .00025 Fixed condenser with clips	.50
1 Grid leak 2 Meg. Daven	.50
2 Carter H-2 Resistors 2 ohms	.50
1 Yaxley Cable Plug 660	3.00
5 Benjamin cushion sockets 9044	3.75
2 XLG 10 Mica Neutralizing condensers 0—.0007 X. L.	3.00
2 .0001 Sangamo fixed condensers	.80
1 .006 Sangamo fixed condenser	.85
2 .001 Sangamo fixed condensers	1.00

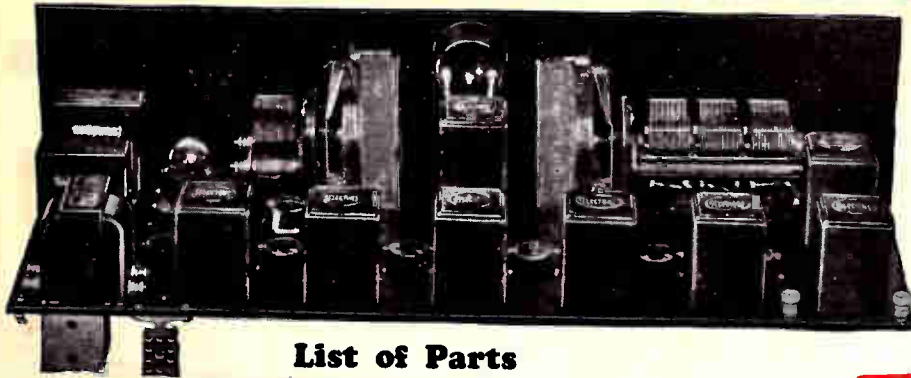
Your Price

56⁷⁵

List Price \$96.48

Stock No. 1632

Always First In Values and Quality



NEW World's Record Super 10

List of Parts

2—Selectone B500 L. W. Transformers.....	\$12.00
2—Selectone B510 L. W. Transformers.....	12.00
2—Selectone B520 R. F. Transformers.....	10.00
1—Selectone B530 Antenna Coupler.....	5.00
1—Selectone B540 Oscillator Unit.....	5.00
2—Thordarson R200 Audio Transformers.....	16.00
1—Thordarson R76 Output Transformer.....	6.00
1—Formica 7x26 Drilled and Engraved Bakelite Panel.....	6.70
1—Formica 10x25x3/16 Drilled Sub Panel.....	7.00
1—Remler No. 633—3-in-line Condenser .00035 mfd.....	15.00
1—Remler No. 638 Condenser .00035.....	5.00
2—Remler Drum Dials 110-110R.....	9.00
2—Remler R. F. Choke Coils No. 35.....	1.80
10—Benjamin Sub Panel Sockets.....	5.00
1—Pr. Benjamin Sub Panel Brackets No. 8629.....	.75
1—Carter No. 1R 15S Imp. Rheostat with Switch.....	1.50
1—Carter Power Rheostat M. W. 1 Ohm.....	.75
1—Carter Imp. Pot. 1R 400 Ohm.....	1.25
1—Carter Condenser .00025 with Clips.....	.50
1—Carter Condenser .002 mfd.....	.50
1—Pr. Carter Pin Jacks.....	.20
1—S. M. 340 Balancing Condenser.....	1.50
1—Jewel Voltmeter No. 135-0-8 Volts.....	7.00
4—Tobe 1 mfg. By-Pass Condensers.....	3.60
1—Tobe 2 Meg. Grid Leak.....	.50
1—Jones 10 Contact Cable and Plug Base Mount.....	3.50
40—Kellogg Solder Lugs.....	.25
25—Ft. Belden Rubber Hook-up Wire.....	.25
1—Blue Print.....	.25

TUNES through local stations with ease and simplicity and brings in distant stations only a few meters apart very distinctly. *Designed for antenna operation.* Parts include highest grade instruments particularly balanced for this circuit. Complete building instructions and full sized working blue prints show exactly where to place each part and how to make all connections. These prints can be easily followed without any previous experience in radio set building. You can make an exact duplicate of the receiver shown above and secure tremendous undistorted volume on even the most distant stations. Two dial control.

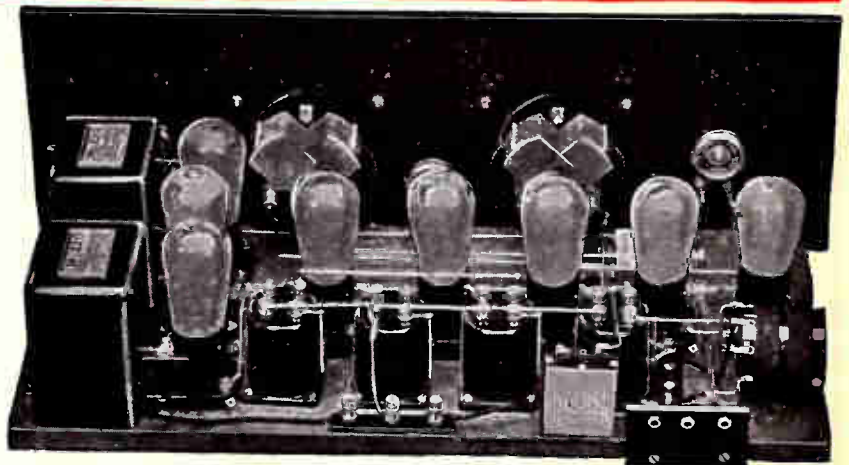
Your Price **81⁹⁵** List Price \$137.80
Stock No. 1600

World's Record Super 8

List of Parts

2—Remler .0005 Condensers No. 639.....	\$10.00
1—Hammarlund .00005 Midget Cond.....	1.80
2—Selectone R400 Transformers.....	12.00
2—Selectone R410 Transformers.....	12.00
1—Selectone Oscillator Coupler.....	3.50
2—Silver-Marshall 220 Audio Trans.....	16.00
8—Benjamin U. X. Sockets.....	6.00
2—Tobe By-Pass Condensers 1 mfd.....	1.80
1—Carter .002 Fixed Condensers.....	.50
1—Carter Hi-Ohm 500,000 Ohms.....	2.00
1—Carter 1R 30 Rheostat.....	1.00
1—Carter 1R 6 S Rheostat.....	1.50
1—Carter 1 1/3 Ohm. Fixed Resistance.....	.25
3—Carter Tip Jacks No. 10.....	.20
1—Carter No. 1 Jacks.....	.25
3—X L Binding Posts.....	.45
2—Kurz-Kasch 360° Dials.....	4.00
1—7x24 Panel.....	3.94
1—Wood Baseboard 9x23.....	1.00
Bus Bar and Lugs.....	1.00
Blueprints.....	.50

Your Price **48⁷⁵** Stock No. 1601
List Price 79.69



THE Selectone Transformers used in the I. F. stages are supplied in perfectly matched sets consisting of two intermediate frequency and two sharply tuned filter transformers, and gives the set hair-line selectivity, making it particularly suitable for use in location where a number of powerful broadcasting stations make it difficult for an ordinary receiver to cut through. *It brings in distant stations any night in the week with good volume.* The construction of this receiver as will be noted from the illustration above is very simple for loop operation.

Melo-Heald "Hot Spot" Fourteen 14 Tubes—Two Controls



List of Parts

1-420 Certified Melocoupler.....	\$ 5.75
1-460 Certified Melocoupler.....	5.25
1-461 Certified Melocoupler.....	6.00
1-462 Certified Melocoupler.....	6.00
1-463 Certified Melocoupler.....	6.00
1-464 Certified Melocoupler.....	6.00
1-465 Certified Melocoupler.....	6.00
1-466 Certified Melocoupler.....	6.00
1-467 Certified Melocoupler.....	6.00
1-468 Certified Melocoupler.....	6.00
1-469 Certified Melocoupler.....	6.00
3-Certified Multistage Meloformers.....	15.00
1-Certified Melochoke.....	1.50
14-Spring Sockets, Benjamin.....	10.50
1-Cable Plug, Yaxley.....	3.00
3-Loop Binding Posts (X. L.).....	.45
3-"C" Battery Binding Posts (X. L.).....	.45
2-Speaker Binding Posts (X. L.).....	.30
2-.006 Sangamo Fixed Condensers.....	1.70
1-.00025 Sangamo Condenser with Clips.....	.50
1-4-Megohm Grid Leak (Metalized).....	.50
1-4-Ohm Fixed Resistance (Yaxley).....	.25
1-3-Ohm Semi-Fixed Resistance; Dbl. Arm, Base Mtg. (Yaxley).....	.25
1-6-Ohm Semi-Fixed Resistance; Dbl. Arm, Base Mtg. (Yaxley).....	.25
5-1-Mfd. Parvult Condensers.....	6.25
2-Hammarlund Midline .0005 Variable Condenser.....	11.00
2-Kurz-Kasch Vernier Dials.....	4.00
1-Hammarlund Midget .000032 (9 Plate).....	1.50
1-400-Ohm Yaxley Potentiometer.....	1.75
1-200,000-Ohm Volume Control, Frost.....	1.25
1-3-Ohm Rheostat (Yaxley) with Switch.....	1.85
1-Voltmeter 0.7½-150 (Jewel).....	9.00
50-Feet Bus Wire.....	.80
1-7"x30" Panel.....	4.92
1-10"x29" Baseboard.....	1.00
1-0-100 Milliammeter.....	7.00
1-Blue Print.....	

Single Point Control

A FOURTEEN tube circuit, 3 audio stages and 8 intermediate stages. Single point reception. Only one oscillator setting for each station. No oscillator repeats or receiver harmonics. Razor edge selectivity. Easy to tune as a single stage. 'A' Battery current 2 amperes. 'B' Battery current 35 milliamperes. Easy to build. Complete blueprint and instruction sheet furnished free.

Your Price

87⁷⁵

List Price 149.97
Stock No. 1620

Essential Kit

Essential Kit for
Melo-Heald "Hot Spot"
Fourteen

Your Price **\$47⁹²**

List Price \$1.50
Stock No. 1621

Melo-Heald Eleven Circuit

List of Parts

1-160 Oscillating Certified Melocoupler.....	\$ 5.25
1-120 Mixing Certified Melocoupler.....	5.75
6-135 Long Wave Certified Melocouplers.....	36.00
3-Certified Multi-Stage Meloformers.....	15.00
11-Spring Sockets, Benjamin.....	8.25
2-Sangamo .00025 Condensers with Clips.....	1.00
1-Sangamo .006 Condenser.....	.85
2-Parvult 1-Mf. Condensers.....	2.50
1-Metalized 3 Meg. Grid Leak.....	.50
1-Metalized 4 Meg. Grid Leak.....	.50
8-X. L. Binding Posts.....	1.20
1-Yaxley 400-Ohm Potentiometer.....	1.75
1-Yaxley No. 10 Filament Switch.....	.50
1-Yaxley 2-Ohm Rheostat.....	1.35
1-Yaxley 6-Ohm Semi-Fixed Resistance Dbl. Arm, Base Mtg.....	.25
1-Yaxley Cable Connector, 660.....	3.00
2-Hammarlund .0005-Mf. Midline Var. Condensers.....	11.00
1-Hammarlund .000032-Mf. MC9 Midget Condenser.....	1.50
1-Jewel 135-0-100 Milliammeter.....	7.00
1-Jewel 135B Double Scale Voltmeter (0-7½-150).....	9.00
2-½ Ampere Ballast Resistances.....	2.00
1-Frost Ohm Var. Resistance 200,000 Ohm.....	1.25
1-Bakelite 7x28x3/16" Panel.....	4.65
1-Baseboard 10x27".....	.90
2-Kurz-Kasch Dials.....	4.00
50-Feet Bus Wire.....	.90
100-Soldering Lugs.....	.45
1-Blue Print.....	



Easy to Tune Simple to Wire

THE last word in increased power, range, selectivity and sensitivity. Certified Meloformers make three stages of ideal audio possible, and also render beautiful reproduction without slightest distortion on as high as four stages.

Meloformers can be used for audio in any circuit, as well as those described on this page. Certified Melocouplers are guaranteed radio frequency transformers for specific service in high-powered Fourteen and Eleven Tube Circuits. Each is built with an air-core, peaked, wound and tested at the same point of efficiency.

Your Price

74²⁵

List Price 126.30
Stock No. 1622

Essential Kit

Essential Kit for
Melo-Heald "Hot Spot"
Eleven

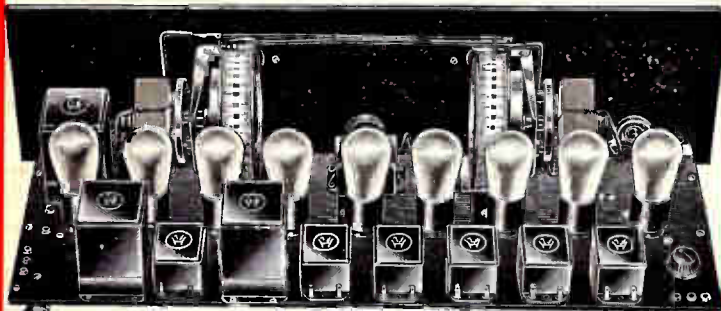
Your Price **\$36⁶⁶**

List Price \$2.80
Stock No. 1623

Always First In Values and Quality

9-Tube H.F.L. Super

New 1928 Nine-In-Line Super



The ease with which the 9-Tube H. F. L. Super can be built makes it an ideal receiver for those who have never constructed a set before. Veteran set builders will be amazed at the remarkable performance of this new circuit. Capable of cutting through powerful local stations and securing stations at great distance. Separates stations clearly. All instruments included in kit are recommended because of their harmonious operation. Large detailed diagram and full instructions included free.

List of Parts

3—H. F. L. No. H. 210 Transformers.....	\$ 24.00
2—H. F. L. No. H. 215 Transformers.....	16.00
2—H. F. L. No. C. 16 Transformers.....	16.00
1—H. F. L. No. L. 425 R. F. Choke Unit.....	5.50
1—H. F. L. No. L. 430 R. F. Transformer.....	5.50
1—H. F. L. No. C. 25 Output Transformer.....	8.00
9—Benjamin Sub-Panel Mounting Sockets.....	4.50
2—Remler Drum Dials, Right and Left.....	9.00
2—Remler .0005 Variable Condensers.....	10.00
1—Hammarlund .000045 Midget Condenser.....	1.50
1—Pair Benjamin Brackets.....	.70
2—1 M. F. D. Carter By-pass Condensers.....	1.80
1—Carter .0005 Condenser.....	.40
2—Carter .002 Condensers.....	1.00
1—3A Amperite.....	1.10
1—Jones Multi-plug.....	3.00
1—Carter 6-Ohm Rheostat with Switch.....	1.50
1—Carter 6-Ohm Rheostat without Switch.....	1.00
8—Carter Pup Jacks.....	.80
1—7x26 Front Panel, Drilled and Engraved.....	6.90
1—8x24 Sub-Panel, Drilled.....	5.65
1—Carter 200,000-Ohm Volume Control.....	2.00
30 ft. Celatsite Hookup Wire.....	.90
List Price.....	\$126.75

Your Price **74⁷⁵** List Price \$126.75
Stock No. 1618

AERO Four-Tube Receiver

[Chicago Daily News Receiver]

With the use of a fixed tickler in the Aero tuner employed in this set, a new kind of regeneration is possible—smooth and even over the entire dial, yet packed with power. Selectivity is one of its important features. Distance getting ability makes it out-rank many five and six-tube sets. Tone-quality is rich, imparting true musical tones to the loud speaker. Aero foundation unit consisting of a front panel drilled and engraved on Westinghouse Micarta, wooden baseboard, actual size wiring blue-print, and layout diagram. Employs three UX-210A and one UX-171 tubes.

Parts List

1 Aero Foundation Unit.....	\$ 5.75
1 U-95 Aero Kit (2 coils).....	8.00
2 AmSCO .0005 Mfd. Type 1223 Condenser.....	7.00
1 AmSCO .00025 Mfd. Type 514 Condenser.....	3.00
2 Silver-Marshall Drum Dials.....	6.00
1 Yaxley 6-ohm Rheostat.....	1.35
1 Kurz-Kasch Knob.....	.20
3 Silver-Marshall No. 511 Sockets.....	1.50
1 Benjamin Socket.....	.75
2 Silver-Marshall No. 220 Audio Transformers.....	16.00
1 Carter .00025 Mfd. Grid Condenser with Clips.....	.50
1 Tobe 2 Meg. Tipon Grid Leak.....	.50
1 X-L Variodenser Model N.....	1.00
11 X-L Binding Posts, Lettered: Aerial, Ground, A Bat+, A Bat-, 2 C Bat-, B 45+, B 90+, Amplifier B+, Speaker +, Speaker- @ \$0.15.....	1.65
1 Aero 80-Choke Coil.....	1.50
Bus Bar Wire.....	.25

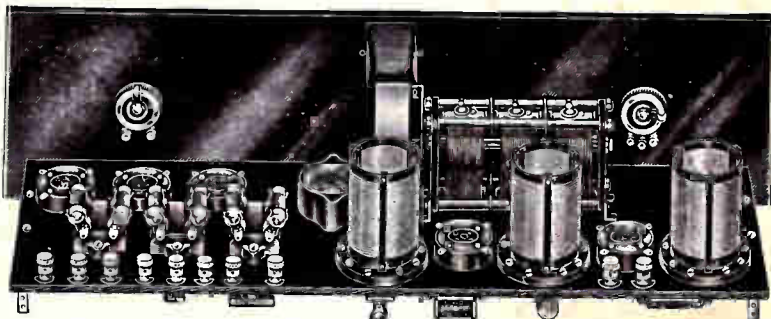
Your Price **32⁵⁹** List Price \$54.95
Stock No. 1626

PARTS LIST

1 Aero Seven Foundation Unit.....	\$12.00
1 Aero TRF Kit, Code U-12 (3 coils).....	12.00
1 Aero Choke No. 50.....	1.50
1 Silver-Marshall Drum Dial.....	3.00
1 Carter Battery Switch.....	1.65
1 Carter 200-ohm "IMP" Potentiometer.....	1.25
1 Carter 6-ohm "IMP" Rheostat.....	1.00
1 Carter H-1000 Resistor.....	.30
1 Carter H-1 Resistor.....	.25
1 Carter .00025 mfd. Condenser with Clips.....	.50
1 Carter .001 mfd. Condenser.....	1.80
1 Carter 1/2 mfd. Bypass Condensers.....	1.50
10 X-L Binding Posts, Lettered: Aerial, Ground A+, A-, 2C-, B90+, Amplifier, B+, Speaker +, Speaker-.....	1.50
1 AmSCO Floating Socket.....	1.00
6 AmSCO Plain Sockets @ \$0.50.....	3.00
1 AmSCO .0005 mfd. Triple Condenser.....	11.25
1 AmSCO Grid Gate Mounting.....	.30
1 AmSCO 5 Meg. Grid Gate.....	.50
1 Kit AMSCO Aero Seven Resistance Coupled Audio.....	7.00
Screw Assortment and Bus Bar.....	.25

Your Price **35⁶¹** List Price \$59.55
Stock No. 1627

AERO-SEVEN RECEIVER



Ten Kilocycle separation. Employs Hi-Mu tubes in the Radio Frequency end-tubes, which have 1.6 times the efficiency of 201A tubes, and make the performance of this set stand out. In all it employs 5 of the new UX-240 (or 340), one UX-201A, and one UX-171. Antenna circuit is so compensated for in the Aero Seven, that selective tuning is accomplished with one drum dial. Volume and tone quality of the highest degree.



Your Price
49⁸⁷ **IMPROVED AERO-DYNE 6**
 List of Parts

List Price
\$83.75
 Stock No. 1606

- 1—Aero-Dyne Foundation Unit.....\$12.50
- 1—Aero U16 Kit of 4 Coils.....15.00
- 2—Silver-Marshall Drum Dials.....6.00
- 2—Silver-Marshall Type 220 Audios.....16.00
- 4—Hammarlund .0005 Condensers.....22.00
- 1—Benjamin Socket......75
- 5—Silver-Marshall No. 511 Sockets.....2.50
- 2—Tobe 1 Mfd. Condensers.....1.80
- 1—.00025 Mfd. Carter Grid Condenser with Clips......50
- 1—Tobe 2 Meg. Grid Leak Tipon......50
- 1—Carter .001 Mfd. Condenser......50
- 1—Yaxley Switch Rheostat, 6 Ohm.....1.65
- 1—Yaxley Potentiometer, 200 Ohm.....1.75
- 1—Yaxley Fixed Resistance, 1 Ohm......15
- 1—Grid Leak Mounting......25
- 11—X-L Binding Posts, Lettered: Aerial, Ground, A Bat., C Bat., (2) B 45 Plus, B 90 Plus, Amplifier B Plus, Speaker Positive, Speaker Negative.....1.65
- Bus Bar Wire......25

\$83.75

THE Improved AERODYNE Six is a set with a national reputation for performance. Easy to construct with the new AERO Universal Coils because shielding is made unnecessary. Only parts of proven merit and of nationally known manufacturers are used in the set. Actual size blueprints are packed with AERO foundation unit, drilled and engraved on Westinghouse Micarta. Consists of front panel and subpanel. It is artistically set off with two drum dials. Front panel 24 inches. Five UX-201A and one UX-171 Tubes. *Easy to build and operate.*

AERO Short Wave Receiver Kit

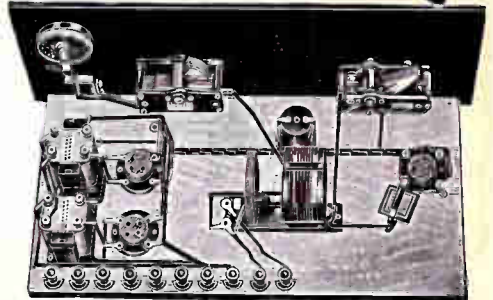
LIST OF PARTS

- 1—Aero Foundation Unit for Short Wave.....\$ 5.75
- 1—Aero Short Wave Tuner Kit, LWT 125.....12.50
- 1—Aero R. F. Choke Coil No. 60.....1.50
- 2—Kurz-Kasch Dials.....4.00
- 1—Amsco .00014 Condenser.....2.75
- 1—Amsco .00025 Condenser.....3.00
- 1—Yaxley Battery Switch......50
- 1—Yaxley 25-Ohm Rheostat.....1.35
- 2—Silver-Marshall No. 511 Sockets.....1.00
- 1—Benjamin Socket......75
- 9—X-L Binding Posts, Lettered: Ant., Grd., A Plus, A Bat., C Bat., B 45 Plus, B 90 Plus, Speaker Plus, Speaker.....1.35
- 1—Carter .0001 Mfd. Condenser with Clips......50
- 1—Yaxley 2-Ohm Resistance......15
- 1—Tobe 5-Meg. Tipon Grid Leak......50
- 2—Thordarson 6-1 Audio Transformers.....9.00
- Bus Bar Wire......25

Your Price

26⁶⁶

List Price \$44.85
 Stock No. 1607



leading experts and amateurs throughout the country. Completely interchangeable. Receives code and programs on the short waves, broadcast band programs, ship to shore code on the Atlantic and Pacific Oceans, and the Great Lakes, from airplanes. Employs three UX-201A tubes.

AERO Short Wave Converter

WHEN made of the following parts, such converter has all the high qualities of the Aero Short Wave Receiver. It may be disengaged and the broadcast set restored to its use as a broadcast band receiver by removing plug from detector socket. Employs one U-X 201A Tube.

List of Parts

- 1—LWT-125 Aero Short Wave Tuner Kit.....\$12.50
- 1—Amsco Type 514 .00025 Condenser.....3.00
- 1—Amsco .00014 Condenser.....2.75
- 1—Aero 80-Choke.....1.50
- 1—Carter .0001 Mfd. Cond. with Clips......50
- 1—Tobe Tipon 5-Meg. Grid Leak......50
- 1—Benjamin Socket......75
- 1—Yaxley 25-Ohm Rheostat.....1.35
- 2—Kurz Kasch Dials.....4.00
- 1—7x14x $\frac{1}{2}$ Panel (Westinghouse Micarta).....1.53
- 1—7x13x $\frac{3}{8}$ (Westinghouse Micarta).....2.13
- 1—Pair Bracket......70
- 1—Tube Base (may be broken from old tube)......70
- Bus Bar Wire......20

Your Price

18⁶⁵

List Price
\$31.41

Stock No. 1608

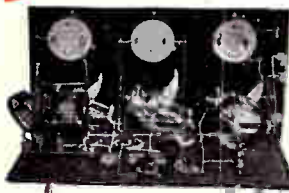
AERO Transmitter

LIST OF PARTS

Your Price

25³⁸

List Price \$42.76
 Stock No. 1609



THE Aero Short Wave Transmitting Set, employing Aero Interchangeable Transmitter Coils, has become exceedingly popular with the amateurs. Employs one UX210 type tube, an 8-volt storage battery on the filament, and 650 volts of dry cell heavy duty batteries on the plate. Sturdily built (No. 14 enameled wire). Aero Interchangeable Transmitter will safely handle the new 75-watt tube, or two 50-watt tubes.

- 1—Set Aero Interchangeable Transmitter Kit, 4080K, including two Mounting Base and two Aero No. 248 Choke Coils.....\$12.00
- 3—500 Picofarad (.0005 mmf.) Receiving Variable Condensers.....15.00
- 3—Dials Kurz Kasch.....6.00
- 1—Carter P-5000-25, Ohm Grid Leak Wire Wound (Latter Center Tapped)......55
- 2—Carter .0001 or .00025 Fixed Mica Receiving Condensers.....1.00
- 2—Carter .001 or .00025 Fixed Mica Receiving Condensers. (Paper can be used).....1.00
- 1—Silver-Marshall UX Type Tube Socket......50
- 7—Binding Posts.....1.05
- 1—Micarta Front Panel (Westinghouse) 7x18x $\frac{1}{2}$1.96
- 1—Micarta Sub Panel (Westinghouse) 10x18x $\frac{1}{2}$2.70
- 2—Subpanel Bracket......70
- Hookup Wire......30

No. 2040K Transmitter Kit

Aero Interchangeable Transmitter Kit, Range 16.5 to 52 meters. Includes two mounting bases and two choke coils that can be used with 40-80 meter coils and 90 to 180 meter coils.

Your Price

7⁰⁶

Stock No. 1610



List Price
\$12.00

No. 9018K Transmitter Kit

Aero Interchangeable Transmitter Kit, Range 90 to 180 meters, includes two mounting bases and two Aero Choke 248 coils can be used with 20-40 meter coils and 40-80 meter coils. These Coils are interchangeable with the above Transmitter.

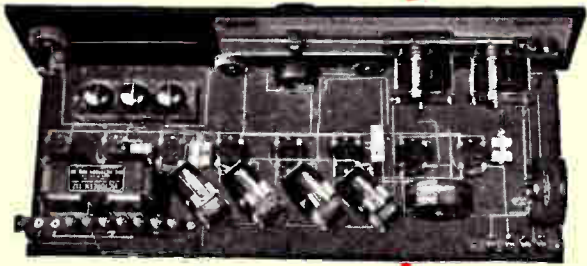
Your Price

7⁰⁶

Stock No. 1611

List Price
\$12.00

Always First In Values and Quality



VICTOREEN 8-TUBE SUPER

Single Dial Control

The famous Victoreen has attained its reputation because of its exceptional selectivity, range and tone purity. The excellent performance of Victoreen is due to the fact that it combines one of the finest circuits, the Super, with first quality instruments that are matched and combined to work together in absolute harmony. Interstage oscillations are prevented by giving each transformer the same amplification constant. It is unnecessary to match tubes in the Victoreen. Transformers are tuned to exactly the same wave length. Intermediate stages will not oscillate. The oscillator coil requires absolutely no adjustment. For loop or outside aerial.

Your Price

63²⁸

List Price \$107.63
Stock No. 1612

LIST OF PARTS

4—Victoreen R. F. Transformers (No. 170 for Storage Battery Tubes; No. 171 for Dry Cell Tubes)	\$28.00
1—Victoreen No. 150 Oscillator Coil	5.50
1—Victoreen No. 160 Antenna Coupler	3.50
1—Victoreen Universal Master Control Unit	19.50
1—Victoreen No. 112 Audio Transformer Unit	22.00
1—Victoreen 2 Ohm Rheostat (Use 6 Ohm Rheostat for Dry Cell Tubes)	1.20
1—Victoreen 6 Ohm Rheostat (Use 20 Ohm for Dry Cell Tubes)	1.20
1—Victoreen 400 Ohm Potentiometer	1.50
1—Victoreen 3R2 Audio Control Unit for use with the No. 112 Audio Transformer Unit; the unit consists of two 10 Ohm Rheostats and one 20 Ohm Rheostat	4.50
1—Lignole Front Panel 7"x26"x3/16" (drilled and decorated)	6.00
1—Formica Binding Post Strip 3/8"x6"x3/16"	.20
1—Formica Binding Post Strip 3/8"x2 1/2"x3/16"	.15
1—Wood Baseboard 9 1/2"x25"x 1/2"	.60
1—Yaxley No. 10 Battery Switch	.50
1—Yaxley No. 60 Double Pole, Double Throw Jack Switch	1.25
8—Eby Sockets	3.20
1—Yaxley Single Circuit Closed Jack	.50
1—Yaxley Single Circuit Filament Control Jack	.70
2—Dubilier Type 601 .00025 Condensers with Clips	.80
2—2 Megohm Leaks Tube	1.00
1—Tobe .001 Mfd. Fixed Condenser	.40
1—Tobe 1 Mfd. Precision Condenser	.90
7—Eby Binding Posts	1.05
1—Marco 0-100 Dial	2.00
1—Tobe .001 Mfd. Fixed Condenser	.40
30—Feet Acme Celasite Hook-up Wire (12 lengths at 9c per length)	1.08
1—Blue print	

Essential Parts of Victoreen Super

4—Type 170 R. F. Transformers \$28.00
1—Type 150 Oscillator Coil 5.50
1—Type 160 Antenna Coupler 3.50
1—Type 112 Audio Transformer 22.00

List Price \$37.00
Stock No. 1613

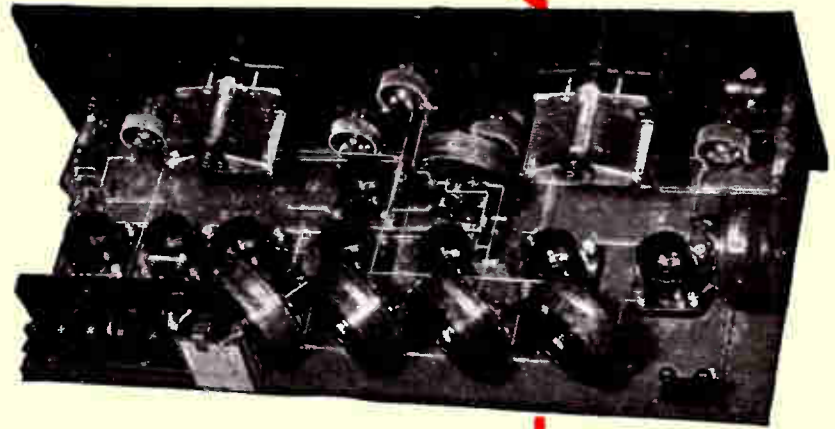
21⁷⁸

VICTOREEN 8-TUBE SUPER

Two Dial Control

LIST OF PARTS

	List Price
4—No. 170 R. F. Transformers	\$28.00
1—No. 150 Oscillator Coil	5.50
3—Benjamin U. X _a Sockets	6.00
2—.0005 DeJur S. L. F. Condensers	7.00
2—Marco Vernier Dials	4.00
2—.00025 Dubilier Condensers with Mtg.	.90
2—2 Megohm Grid Leaks	.50
1—.001 Dubilier Condenser	.40
1—1 Mfd. By Pass Condenser	.90
1—4 1/2 Volt C Battery	.60
1—400 Ohm Victoreen Potentiometer	1.50
2—30 Ohm Victoreen Rheostats	2.40
2—6 Ohm Victoreen Rheostats	2.40
2—2-1 Thordarson Transformers	10.00
1—7x24x3/16" Bakelite Panel, Drilled and Engraved	5.50
1—9x23" Baseboard	.85
2—No. 4 Double Circuit Yaxley Jacks	1.60
1—No. 3 Single Filament Control Yaxley Jack	.70
1—No. 10 Yaxley Filament Switch	.50
7—Eby Posts	1.05
40—Feet Square Buss Wire	.60
1—Blue Print	



For Loop or Outside Aerial

THE Victoreen Super has been built by thousands of amateurs the country over. Most set builders are familiar with the fine tuning qualities of this proven kit. Drilled panel, large blue print and detailed instructions included with kit. Very simple to construct. The Victoreen 8 will give lasting satisfaction to its owner.

Your Price

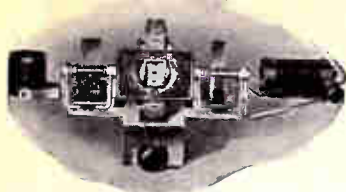
48⁴⁵

List Price \$80.10
Stock No. 1652

For Outside Aerial

Drilled panel, large blue print and detailed instructions included with kit. Very simple to construct. The Victoreen 8 will give lasting satisfaction to its owner.

Your Price \$50⁵¹
Stock No. 1653



BROWNING-DRAKE

New Single Control Unit

Your Price

15³⁰

The new official Browning-Drake Single Control Unit adapts itself to the construction of the new DC and AC sets described below. The control of these sets is accomplished by a single illuminated drum dial as shown in the illustration. It is equipped with new efficient small coil. Comes with complete instructions.

List Price \$26.00
Stock No. 2622

Assemblies for New B.D. Single Control Unit

Parts for D. C. Two Tube Set

1-Official Browning-Drake Single Drum Control Kit.....	\$26.00
1-Official Browning-Drake Type T2 Foundation Unit consisting of Westinghouse Micarta drilled and engraved front panel, base panel complete with mounting hardware. Also miscellaneous machine screws, nuts and wire	13.50
1-Browning-Drake Radio Frequency Choke.....	2.00
1-Browning-Drake 135 mmf. Trimmer Condenser.....	2.50
1-Browning-Drake 30 mmf. Trimmer Condenser.....	1.75
1-Yaxley Filament Switch No. 10-BD.....	.60
1-Tobe .5 mfd. Condenser, Moulded.....	.90
1-Tobe 8 meg. Grid Leak.....	.50
2-Tinytobe Condensers (.001 and .00007 mfd.).....	.80
1-Tinytobe Condenser (.0001 mfd.).....	.35
5-Eby Binding Posts (Ant., Gnd., B plus Amp., B plus, Det., B minus).....	.75
1-Yaxley 30 ohm Rheostat No. 130 K-BD.....	1.40
1-Type 2-A Amperite.....	1.10
2-Benjamin UX Type Spring Sockets.....	1.50

List Price \$53.65

1 Set of Browning-Drake Shields (Optional)

Your Price **471** List Price \$8.00
Stock No. 2621

Your Price **3155**
Stock No. 2620

Parts for A. C. Two Tube Set

1-Official Browning-Drake Single Drum Control Kit.....	\$26.00
1-Official Browning-Drake Type T2 Foundation Unit consisting of Westinghouse Micarta drilled and engraved front panel, base panel complete with mounting hardware. Also miscellaneous machine screws, nuts and wire	13.50
1-Browning-Drake Radio Frequency Choke.....	2.00
1-Browning-Drake 135 mmf. Trimmer Condenser.....	2.50
1-Browning-Drake 30 mmf. Neutralizing Condenser.....	1.75
1-Yaxley Filament Switch No. 10-BD.....	.60
1-Tobe .5 mfd. Condenser, Moulded.....	.90
1-Tobe 8 meg. Grid Leak.....	.50
2-Tinytobe Condensers (.001 and .00007 mfd.).....	.80
1-Tinytobe Condenser (.0001 mfd.).....	.35
5-Eby Binding Posts (Ant., Gnd., B plus Amp., B plus, Det., B minus).....	.75
1-Clarostat.....	2.25
1-Browning-Drake Center-Tapped Resistor.....	.60
2-Benjamin Five Contact A-C Sockets.....	2.40
1-Flashlight Lamp (2.5 Volt).....	.20

List Price \$55.10

1 Set of Browning-Drake Shields (Optional)

Your Price **471** List Price \$8.00
Stock No. 2621

Your Price **3240**
Stock No. 2619

Parts for D. C. Five Tube Set

1-Official Browning-Drake Single Drum Control Kit.....	\$26.00
1-Official Browning-Drake Foundation Unit consisting of Westinghouse Micarta drilled and engraved front panel, base panel complete with mounting hardware, and amplifier containing sockets and resistor clips; also miscellaneous machine screws, nuts and wire	16.50
1-Browning-Drake Radio Frequency Choke.....	2.00
1-Browning-Drake 135 mmf. Trimmer Condenser.....	2.50
1-Browning-Drake 30 mmf. Neutralizing Condenser.....	1.75
1-Yaxley Filament Switch No. 10-BD.....	.60
1-Tobe .5 mfd. Condenser Moulded.....	.90
5-Durham Resistors (8 meg., .1 meg., .1 meg., .25 meg., and .1 meg.).....	3.25
1-Tobe 2 mfd. Condenser.....	1.75
2-Tinytobe Condensers (.001 mfd., .00007 mfd.).....	.80
2-Tobe 1 mfd. Condensers.....	1.20
1-Tobe Fixed Condenser .0001 mfd.....	.35
1-Thordarson R-200 Transformer.....	8.00
1-Thordarson Type 196 Choke-30 Henry.....	5.00
8-Eby Binding Posts (Ant., Gnd., Speaker plus, Speaker minus, B minus, B plus, Det., B plus, R. F., B plus Amp.).....	1.20
1-Yaxley 30 ohm Rheostat No. 130 K-BD.....	1.40
1-Type 3-A Amperite.....	1.10
1-Type 2-A Amperite.....	1.10
2-Benjamin UX Type Spring Sockets.....	1.50
2-Eby Binding Posts (O plus, C minus).....	.30

Your Price

4540

List Price \$77.20

Stock No. 2617

1 Set of Browning-Drake Shields (Optional)

Your Price

471

List Price \$8.00

Stock No. 2621

Parts for A. C. Five Tube Set

1-Official Browning-Drake Single Drum Control Kit.....	\$26.00
1-Official Browning-Drake Foundation Unit consisting of Westinghouse Micarta drilled and engraved front panel, base panel complete with mounting hardware, and amplifier containing sockets and resistor clips; also miscellaneous machine screws, nuts and wire	16.50
1-Browning-Drake Radio Frequency Choke.....	2.00
1-Browning-Drake 135 mmf. Trimmer Condenser.....	2.50
1-Browning-Drake 30 mmf. Neutralizing Condenser.....	1.75
1-Yaxley Filament Switch No. 10-BD.....	.60
1-Tobe .5 mfd. Condenser Moulded.....	.90
5-Durham Resistors (8 meg., .1 meg., .1 meg., .25 meg., and .1 meg.).....	3.25
1-Tobe 2 mfd. Condenser.....	1.75
2-Tinytobe Condensers (.001 mfd., .00007 mfd.).....	.80
2-Tobe 1 mfd. Condensers.....	1.20
1-Tobe Fixed Condenser .0001 mfd.....	.35
1-Thordarson R-200 Transformer.....	8.00
1-Thordarson Type 196 Choke-30 Henry.....	5.00
8-Eby Binding Posts (Ant., Gnd., Speaker plus, Speaker minus, B minus, B plus, Det., B plus, R. F., B plus Amp.).....	1.20
1-Clarostat.....	2.25
3-Center-Tapped Resistors (Browning-Drake).....	1.90
1-100 ohm Biasing Resistor (Browning-Drake).....	.70
1-Tobe 2000 ohm Veritas Resistor.....	1.20
2-Benjamin 5 Contact Spring Sockets.....	2.40

Your Price

4715

List Price \$80.15

Stock No. 2618

1 Set of Browning-Drake Shields (Optional)

Your Price

471

List Price \$8.00

Stock No. 2621

Parts for 2-Dial 5-Tube B.D. Kit Set

1-Set of Browning-Drake Units (with illuminated dials).....	\$25.00
1-Browning-Drake Foundation Unit (consisting of Westinghouse Micarta 21-in. panel and sub-panel drilled and engraved, with sockets, resistor clips, soldering lugs, machine screws, nuts, bolts, and wire)	15.00
1-National Impedaformer (1st stage).....	5.50
1-National Impedaformer (3rd stage).....	5.50
1-.1 M. F. Tobe Condenser.....	.60
3-.001 Tobe Condensers.....	1.20
1-.00007 Condenser.....	.40
1-Yaxley Filament Switch No. 10.....	.50
1-Yaxley 30 Ohm Rheostat.....	1.35
8-Eby Binding Posts (Ant., Gnd., A+, A-B-, B+ Det., B+ Amp., C+, C-)	1.20
1-Precise Microdenser.....	1.75
1-B-D 33 Ohm Resistance.....	.75
1-Daven .1 Meg. Grid Leak.....	.75
1-Daven .25 Meg. Grid Leak.....	.50
1-Daven 8 Meg. Grid Leak.....	.50
1-B-D Neutralizing Device.....	1.00
1-Amperite No. 5A.....	1.10
2-Yaxley Pup Jacks.....	.25

Your Price

3710

List Price

\$62.85

Stock

No. 1615

B. D. Essential Kit for 2-Dial Set

This kit consists of coils, condensers and illuminated dials. The essential kit for building two-dial five tube B-D set described at the left.

Your Price

1470

List Price \$25.00

Stock No. 1616



Always First In Values and Quality

Parts for Magnaformer 9-8 9 Tube Circuit

LIST OF PARTS

1—Formica Panel 7x26x3/16", Drilled and Engraved	\$ 6.50
1—Formica Sub-Panel 9x25x3/16", Drilled	6.50
5—Magnaformer Intermediate Transformers Unit R. F. No. 61 @ \$8.50	42.50
1—Unicoupler, Unit C. U. No. 71 @ \$6.50	6.50
2—Remler Universal Drum Type Dials with Control, No. 110 @ \$4.50	9.00
2—Remler .0005 mfd. Variable Condensers No. 639 @ \$5.00	10.00
9—Benjamin Sockets No. 9044 @ 50c	4.50
2—Benjamin Sub-Panel Brackets 2" high, No. 8629	.70
2—Ferranti Audio Transformers, A. F. No. 4 @ \$8.50	17.00
1—National Tone Filter	8.00
1—Samson Radio Frequency Choke Coil No. 125	2.25
2—Dubilier .00025 Grid Condensers, with mounting @ 40c	.80
1—Dubilier .001 Fixed Condenser	.40
1—Carter 1 mfd. By-Pass Condenser	.90
2—Durham 2 megohm Grid Leaks @ 50c	1.00
1—Frost DeLuxe 400 ohm Potentiometer, arrow knob	1.25
1—Frost DeLuxe 10 ohm Combination Rheostat and Battery Switch, arrow knob	1.35
1—Frost DeLuxe 10 ohm Rheostat	1.00
1—Frost DeLuxe 30 ohm Rheostat	1.00
4—Frost Tip Jacks, @ 30c pair	.60
2—No. 112 Amperites, with Holders @ \$1.10	2.20
1—Yaxley Cable Connector Plug, No. 660	3.00
1—Yaxley Radio Jack Switch, No. 60	1.25
25—Feet Acme Flexible Spaghetti covered wire, Wire, Screws, Lugs, Nuts, Bolts.	.95
1—Blue Print	1.00



Magnaformer 9-8 Circuit

A 9 and 8 Tube Receiver In One

A NEW magnaformer circuit incorporating the most advanced design of radio quality. New self-shielded, double-volume Magnaformer Intermediate transformers with self-enclosed fixed and sealed condensers. Very few controls. Lighted drum dials controlled by knobs. Ferranti transformers give equal amplification in all audio frequencies. Filament switch attached to rheostat thus eliminates extra control on panel. All wiring beneath the sub-panel. When loop is not desired an Antenna Coupler can be used for outdoor aerial. Uses 7-201A Type Tubes, and 112 Type Power tube in the first audio stage and 171 Type Power Tube in the second stage. Can be changed from 9 tubes to 8 tubes for local reception by simply turning the switch. Easy to build according to our complete direction.

Your Price

76⁷⁵

List Price \$130.15

Stock No. 1628

PERIDYNE FIVE

With Variable Shield Tuning As Specified in Radio News

PERIDYNE Five has been developed by Mr. S. Gernsback, a prominent radio engineer who has originated many efficient circuits. In this new Peridyne Five he has surpassed all his other receivers in distance, volume and sensitivity. Has received continent stations winter and summer with ease. The circuit is balanced by shields which fit over the radio frequency coils. They

Your Price

58⁵⁵

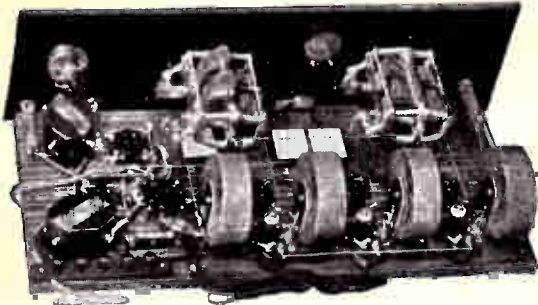
List Price \$96.60

Stock No. 2669

have an adjustable plate the position of which varies the inductance. Clear cut tuning. No over-lapping of stations. Simple to build according to the complete specifications and instruction as given in Radio News. Instructions also included with parts.

- 1—Amsco 3-gang Condenser .0005 MFD.
- 3—Hammarlund R. F. Transformers
- 3—Silver-Marshall Coil Shields
- 2—Audio Transformers (Silver-Marshall 220)
- 2—Regular Clarostats
- 1—Centralab 100,000 ohm Radiohm
- 1—Yaxley 30 ohm Switching Rheostat
- 1—1-A Amperite
- 1—112 Amperite
- 1—Carborundum Crystal Detector
- 1—Samson 85 mill, Choke
- 1—Sangamo .001 Condenser
- 1—Patt. 135 0-8 volts Jewel Voltmeter
- 1—Patt. 135 0-150 volts Jewel Voltmeter
- 1—Yaxley No. 1 Jack
- 1—Yaxley 30 Jackswitch
- 1—National Dial
- 5—Benjamin 9040 Sockets
- 4—Binding Posts AER. GND. C+ C—
- 1—8x23x1/8" Sub-Panel
- 1—7x24x1/8" Bakelite Front Panel
- 1—Bakelite Strip 7/8 x 1 1/8"
- 1—Roll Red Flexible Celatsite
- 1—Roll Black Flexible Celatsite
- 1—Roll Green Flexible Celatsite
- 1—Roll Yellow Flexible Celatsite
- 2—Sets Benjamin Brackets

WESTERN RADIO MFG. CO. Chicago



Complete Parts to Build New B-T A. C. Power Six

1-B-T Power Transformer, Type A....	\$ 7.50	
1-Complete Essential Kit as listed below	42.00	
1-B-T Drilled and Engraved 7x24 in. Bakelite Panel	5.68	Your Price
1-Wood Baseboard 10x23 1/2 in.....	.85	
1-B-T Audio Coupler 3-31.....	6.00	
1-B-T Audio Coupler 2-22.....	6.00	
2-B-T Tuning Dials.....	5.00	
1-No. 104 Carter Jack.....	.80	
1-No. 101 Carter Jack.....	.50	
4-.006 Fixed Condensers, Dubilier.....	2.00	
1-.00025 Fixed Condenser with Clips, Dubilier.....	.40	
3-1 mfd. By-Pass Condensers, Parvovlt.....	3.75	
1-Three Point Jack Switch, 30, Carter.....	.90	
1-Ohmite 2 megohm Grid Leak.....	.30	List Price
5-Benjamin UX Base Mount Sockets.....	3.75	\$88.33
1-Benjamin 5-prong Socket for Detector	1.20	
6-XL Binding Posts, consisting of 1 Ant., 1 -B; 1 +B Det.; 1 +B Amp.		Stock
1 +B-135; 1 -C.....	.90	No. 2689
25 feet Acme Celatsite Wire.....	.80	

51⁹⁵

B-T New A. C.-6 Essential Kit

- 4-Torostyle Coils (1-TA, 3-TRC)
 - 2-LD-17 and 3 M. M. F. Condensers
 - 3-R. F. Chokes.
 - 1-Volume Control (No. 11 B-T Special 25,000 ohm Resistance)
 - 1-110-volt Toggle Switch
 - 2-Fixed Resistances (1-625 ohm, 1-1500 ohm)
 - 1-Center-Tap Resistance (1.8 ohm, 1-40 ohm)
- Set Instructions and Diagrams, including Wiring and Schematic Diagrams, Full Size Panel and Baseboard Blue Prints

Your Price **24⁷⁰** List Price \$42.00
Stock No. 2690

B-T R. F. Choke

Used to increase the efficiency of many circuits by preventing radio frequency currents from entering the audio circuits.

Your Price **54^c** List Price 90c
Stock No. 1643

B-T Mikro-Mike

A variable condenser capable of micrometer adjustment. May be used in any circuit requiring a small capacity condenser. Capacity 1/2 to 30 mmf.

List Price \$1.00 Your Price **59^c**
Stock No. 1644

New Improved B-T Short Wave Kit

Four interchangeable coils cover from 15 to 200 meters. The detector unit is wired to insure accuracy and uniformity. Includes a non-microphonic socket arrangement. Tuning is accomplished by one B-T L-7 and L-13 or SF-13 condenser. Outfit as shown, includes base, detector unit wired and four interchangeable coils.

B-T Power Unit 'B' Eliminator

Has taps for 22 1/2, 45, 90, and 135 Volts. Raytheon tube included.

List Price \$42.00 Your Price **24⁷⁰**
Stock No. 1637

Your Price **6⁴⁷** List Price \$11.00
Stock No. 2691



BREMER-TULLY B-T KITS AND PARTS

New B-T "A" Transformer

The B-T "A" Transformer replaces the "A" battery. It possesses the same merit which has distinguished B-T in all their transformer manufacture, and has receptacle for plugging in B-Power Unit, so that panel switch controls everything. Comes with 8 feet of cord.

Your Price **4⁴¹**

List Price \$7.50

Stock No. 2694



A. C. Power Six Wiring Diagram

"A. C. Power-Six" wiring diagram, full size Blue Prints and Instructions (showing full details of wiring, or changing old set to new).

Stock No. 2695

List Price \$1.00

Your Price **65^c**

Complete Parts Required for Changing Battery Operated B-T Power Six to A.C. Electric Power Six

1-B-T "A" Transformer.....	\$7.50	Your Price 8²⁵
1-No. 11 B-T Special 25,000-ohm Resistance.....	2.50	Price
1-625-ohm Fixed Resistance.....	.75	
1-8-ohm Center-Tap Resistance.....	.35	List Price
1-40-ohm Center-Tap Resistance.....	.40	\$13.75
1-A. C. Power Six Wiring Diagram.....	1.00	
1-9036-5 prong Benjamin Socket.....	1.25	Stock No. 2696



B-T Vernier Dial

The original window dial fits condensers that turn either clockwise or counter clockwise. No back-lash. Geared 12 to 1. Gold and black finish.

Your Price **1⁴⁷**

List Price \$2.50
Stock No. 1640

B-T Speaker Coupler

Improves Tone—prolongs speaker life—increases volume. Advisable with all power tubes. But vitally necessary with 171 or 210. Fits in Cabinet or Outside—no wiring required.

Your Price **4⁴¹**

List Price \$7.50
Stock No. 2697



B-T Audio Coupler

Ratio 2-22	Ratio 3-31
List Price \$6.00	List Price \$6.00
Stock No. 2692	Stock No. 2693
Your Price 3⁵³	Your Price 3⁵³

D. C. B-T Power Six Kit

List of Parts

1-7x24 3/8 in. Bakelite Drilled and Engraved Panel.....	\$ 5.68
1-9x23 in. Wood Baseboard.....	.85
1-New Bremer-Tully Counterphase Power Six Kit, Complete Essentials.....	41.50
1-B-T Audio Coupler 2-22.....	6.00
1-B-T Audio Coupler 3-31.....	6.00
2-Bremer-Tully Vernier Dials.....	5.00
2-1 mfd. By-Pass Condenser.....	1.80
1-.001 Dubilier Condenser.....	.40
1-.00025 Dubilier Condenser.....	.35
3-.006 Dubilier Condensers.....	2.25
1-2 mex. Grid Leak.....	.30
1-Grid Leak Mounting.....	.30
6-Bremer-Tully Type UX Sockets.....	4.50
1-Yaxley No. 1 Jack.....	.50
1-Yaxley No. 4 Jack.....	.80
1-Yaxley Battery Switch.....	.50
1-Yaxley 3 ohm Rheostat.....	1.35
1-Yaxley No. 30 Jack Switch.....	.90
1-Mounting Strip.....	.20
5-Eby Market Binding Posts.....	.75
2-4 1/2 Volt C Batteries.....	1.50
Blue Print.....	

Your Price **47⁸⁹** List Price \$81.43
Stock No. 1635

B-T Power Six includes the basic superiority of the famous original B-T Counterphase with additional refinements made possible. Tone quality is greatly improved through the uses of power tube output. This kit is more simple, easier to build and operate.

Essential Kit For B-T Power Six

Contains one 1 and three TC Torostyle, two LD-11 and three M. M. F. condensers, one 500,000 and three 1,500 ohm Resistances, three Choke Coils and one set Color Charts and Diagrams.

List Price \$41.50 Your Price **24⁴⁰**
Stock No. 1636

Always First In Values and Quality

4 TUBE "MARCO"

Browning-Drake Kit

THE Browning-Drake Circuit has successfully passed every test that can be given. Its great and lasting popularity is a result of satisfactory reception. The parts listed below constitute all the parts necessary for the construction of the 4 tube "Marco" using AUDIO Amplification. Complete instructions and diagrams make it easy for even the inexperienced to build this set.

Complete List of Parts

1—7x24x3/16" Bakelite Drilled Panel.....	\$ 4.50
1—9 3/4x23" Wood Baseboard.....	.80
1—Marco-Browning-Drake Kit as pictured.....	17.00
2—Marco Vernier Dials.....	4.00
1—Yaxley 10-Ohm Rheostat.....	1.35
1—Yaxley 30-Ohm Rheostat.....	1.35
4—Benjamin UX Sockets.....	3.00
1—Yaxley Y30 Jack Switch.....	.90
1—Yaxley No. 2A Jack.....	.60
1—Yaxley No. 3 Jack.....	.70
1—Yaxley Battery Switch.....	.50
1—X-L Variodenser, Type "N".....	1.00
1—6v-199 Amperite.....	1.10
2—Thordarson 3 1/2 to 1 Transformers.....	8.00
1—Dubilier .00025G Grid Condenser.....	.40
1—Dubilier .0001 Condenser.....	.35
1—Dubilier .002 Condenser.....	.40
1—Ohmite 2-Meg. Grid Leak.....	.30
1—Binding Post Strip.....	.20
7—Eby Marked Binding Posts.....	1.05
50—Feet Bus Bar Wire.....	1.00
50—Solder Lugs.....	.25
8—Feet Imported Spaghetti.....	.56
1—Blue Print.....	.40

Your Price

\$27⁸⁵

List Price 49.71
Stock No. 866



"MARCO" B-D Essential Kit

THIS kit contains parts that are necessary in the construction of the 4- or 5-tube "Marco" receivers described on this page. Includes two condensers and coils for radio frequency circuit. Scientifically made, low loss.

Your Price

\$7⁸⁵

List Price 17.00
Stock No. 868

5 TUBE "MARCO"

Browning-Drake Kit

Using Resistance Coupled Amplification

THE "Marco" Browning-Drake 5-Tube Kit employs the essential kit shown at left in conjunction with the quality parts listed. Complete instructions and directions go with every kit. When assembled the Browning-Drake Five is an excellent set, selective, distinct, pure tone reception.

Complete Parts

1—7x24x3/16" Bakelite Drilled Panel.....	\$ 4.50
1—9 3/4x23" Wood Baseboard.....	.80
1—Marco-Browning-Drake Kit as pictured.....	17.00
2—Marco Vernier Dials.....	4.00
1—Yaxley 10-Ohm Rheostat.....	1.35
1—Yaxley 30-Ohm Rheostat.....	1.35
5—Benjamin UX Sockets.....	3.75
1—Yaxley Y30 Jack Switch.....	.90
1—Yaxley No. 2A Jack.....	.60
1—Yaxley No. 3 Jack.....	.70
1—Yaxley Battery Switch.....	.50
1—X-L Variodenser, Type "N".....	1.00
1—6v-199 Amperite.....	1.10
1—DeJur 3-Stage Resistance Amp. Kit.....	4.50
1—Dubilier .00025G Grid Condenser.....	.40
1—Ohmite 2-Meg. Grid Leak.....	.30
1—Dubilier .0001 Condenser.....	.35
1—Binding Post Strip.....	.20
7—Eby Marked Binding Posts.....	1.05
50—Feet Bus Bar Wire.....	1.00
50—Solder Lugs.....	.25
8—Feet Imported Spaghetti.....	.56
1—Blue Print.....	.40

Your Price

\$25⁸⁵

List Price 46.56
Stock No. 867

ALL-AMERICAN 3-Tube Semi-Built Set



AN All-American semi-built set in which the parts are already mounted on the baseboard and panel. Just wire according to complete instructions and diagram. Three tube reflex gives the same performance as average five tube set but requires only three tube power supply. Great range and sharp selectivity. Can be assembled very quickly. Contains high quality shielded All-American instruments.

Your Price **\$13⁹⁵**

Stock No. 876

Knickerbocker-4 for A-B Eliminators or Batteries

A CX-112 tube should be used in the last audio stage to produce undistorted reproduction. CX-301A tubes should be used in the other stages, including the detector.

List of Parts

2—Karas-Harmonik audio transformers.....	\$10.00
2—Karas .00037 mfd. Orthometric variable condensers, extended shaft.....	14.00
1—Karas Equamatic Inductance coil.....	4.00
1—Karas three-circuit Inductance.....	5.50
2—Karas Micrometric dials—0-100.....	7.00
3—Karas sub-panel brackets.....	.70
1—Samson 85-millihenry choke.....	2.00
1—Samson .00003-.0003 mfd. neutralizing condenser.....	2.25
1—Yaxley 20-ohm reostat.....	1.35
1—Yaxley 20-ohm rheostat with switch.....	1.75
2—Yaxley Pup jacks.....	.20
4—9014 Benjamin sockets.....	2.00
1—Sangamo .0001 mfd. fixed condenser.....	.40
1—Sangamo .00025 mfd. grid condenser with clips.....	.50
1—A Amperite.....	1.10
1—112 Amperite.....	1.10
1—Durham 2-megohm grid leak.....	.45
1—Lienole panel.....	3.00
1—Bakelite 9x17x 3/8 inch sub-panel.....	3.06
11—X-L binding posts.....	1.65

Your Price

36⁴⁶

List Price

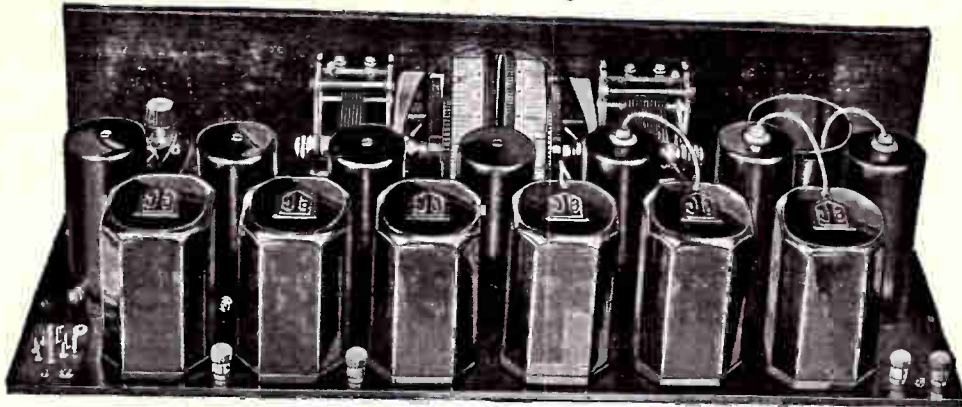
\$62.00

Stock No. 2613

WESTERN RADIO MFG. CO. Chicago

Tyrman "70"

Shielded Grid Amplimax



THIS remarkable receiver has achieved a new standard in sensitivity and selectivity. Amplifies the weakest signals at a ratio of 50 per stage. Uses shieldplate tube, type SP122. Very simple to build. Can be hooked up in less than four hours. Low current consumption. Embodies new shielded grid tubes. Set requires no outside aerial.

List Price \$127.00

Stock No. 2604

Your Price....

74⁶⁸

List of Parts for TYRMAN "70"

3 Tyrman Type 9-90 R.F. Impedance.....	\$12.50	\$37.50
1 Tyrman Type 9-30 Antenna Inductance.....	3.00	3.00
2 Tyrman Type 3-30 Audio Transformers.....	8.00	16.00
1 Tyrman Type 3-51 Power Output.....	10.00	10.00
7 Tyrman Shielded Sockets.....	1.25	8.75
1 Tyrman Double Vernier Drum Dial.....	10.00	10.00
1 Camfield .0005 Condenser, Single.....	6.00	6.00
1 Camfield .00025 Condenser, Single.....	5.50	5.50
1 Camfield Type 622 Oscillator Coupler.....	3.50	3.50
1 Yaxley 15 ohm Switching Rheostat 915K.....	1.75	1.75
1 Yaxley 4L Resistance.....	.15	.15
1 Yaxley 15 Ohm Resistance.....	.15	.15
1 Yaxley No. 669 Cable.....	3.25	3.25
1 Yaxley 25 Ohm Rheostat.....	1.35	1.35
1 Yaxley Pup Jack.....	.15	.15
1 Hammarlund 50 mmf Midget Condenser.....	1.50	1.50
4 Carter 1 mfd. Condenser.....	1.25	5.00
1 Carter .001 Mica Condenser.....	.50	.50
5 XL Binding Posts.....	.15	.75
1 7x24" Front Panel Drilled.....	6.00	6.00
1 8x23" Sub Panel Drilled.....	5.50	5.50
1 Pr. Benjamin Brackets.....	.70	.70
30 ft. Acme Wire.....		.90

Tubes for Tyrman "70"

3—Shieldplate 122 Tubes, List Price Each \$6.50; Your Price Each \$4.15.
 3—Sonatron 201-A Tubes, List Price Each \$1.50; Your Price Each \$0.75.
 1—Sonatron 171 Tubes, List Price Each \$3.50; Your Price Each \$1.75.

Your Price
7 Tubes

16⁴⁵

Stock No. 2605

Webster A-B-C Power Supply and Raytheon Tube

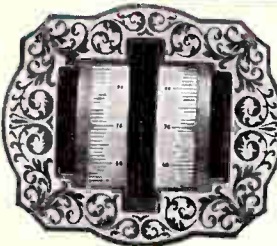
This power supply is especially adapted for use with the Tyrman "70." Comes complete Raytheon tube. Operates from 60 cycles A. C.

Your Price
List \$66.50
No. 2606

39¹⁰

For Single Dial Control

Will improve the appearance of any single control receiver. The Vernier Drums are placed side by side within a highly ornamental plate. Distinctly visible graduations, silver etched with raised lines and figures. Can be mounted on any popular condenser. Simple to operate. No backlash. Specify Right or Left.



TYRMAN Vernier Drums

Your Price

2⁹⁴

List Price \$5.00
Stock No. 786

For 2 Dial Control

Consists of two drums and two verniers. Includes new beautifully decorated plate. Rapid tuning. Genuine bakelite drum and vernier. Special clutch arrangement perfect concentricity of drums and condenser shafts. No backlash. Can be mounted on all popular condensers.

Your Price

5⁸⁸

List Price \$10.00
Stock No. 787



TYRMAN Audio Transformers

All notes round, clear and full from the deepest organ bases to highest soprano are reproduced with all the truthness of the original.

Transformer is thoroughly shielded. Made in three units. Radio Transformer. Power Input Transformer. and Power Output Transformer.

Type 3-30 3:1 Ratio Your Price	Type 3-50 Power Input Your Price	Type 3-51 Power Output Your Price
4⁷¹	5⁸⁸	5⁸⁸
List Price \$8.00 Stock No. 789	List Price \$10.00 Stock No. 790	List Price \$10.00 Stock No. 791

TYRMAN Shielded Socket

Helps stabilize any circuit and eliminates whistles, howls and microphonic noises. Permits efficient operation in any set and resists the magnetic and static present. Drawn of heavy aluminum. Good heat conductor that keeps the temperature constant by taking up the heat created by the filaments and radiating it uniformly. Recommended highly for radio frequency stages. Constructed for base board as well as subpanel wiring. Insulating parts are molded of genuine bakelite. Mounted with one screw.

Your Price

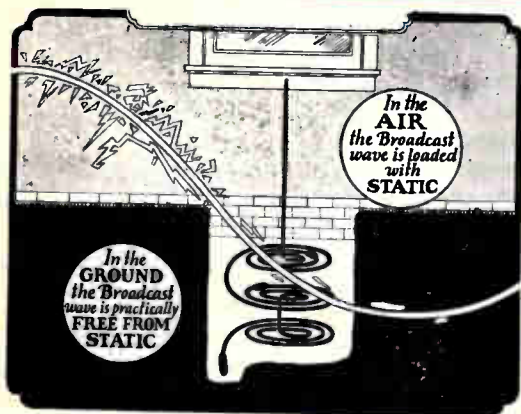
74^c

List Price \$1.25
Stock No. 788



Always First In Values and Quality

QUALITY LOOP ANTENNAE



SUBANTENNA

The Subantenna has produced remarkable results in **STATIC-FREE RECEPTION**. Gives louder, clearer, and better tones. The Subantenna intercepts only the ground component of the wave, as illustration above shows. This wave is pure and free from static. Radio signals come in clear regardless of air conditions.

Your Price

7³⁵

List Price \$12.50

Stock No. 2607

Qualitone Loop De Luxe Model

A very compact aerial that turns within a radius of 5½ in. Very directional. Can be placed on top of set, beside it or close up to the wall without interrupting directional properties. Furnished with three leads. Designed for use with .0005 condensers. Green silk wire. Thumb screw adjustments assure tight wires. Frame of solid walnut.

Your Price

7³⁵

List Price 12.50

Stock No. 857

Mathiesen Loop

THE COLLAPSIBLE AERIAL

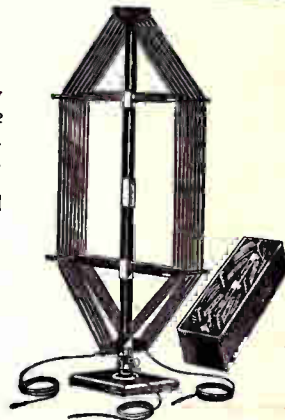
The large volume and exceptional selectivity of the Mathiesen Loop has made it a favorite of experimenters and laboratories everywhere. No static or lightning risk. Non-magnetic. Green silk covered wire wound in single turns. Frame—solid walnut with metal parts gold plated. Directional. Made in two types. The Master Console—40 in. high and 21 in. wide, folded 22 in. by 4 in. by 5 in. Baby Console Type, 30 in. high and 14 in. wide, folded 15 in. by 4 in. by 5 in.

Baby Console
Stock No. 853

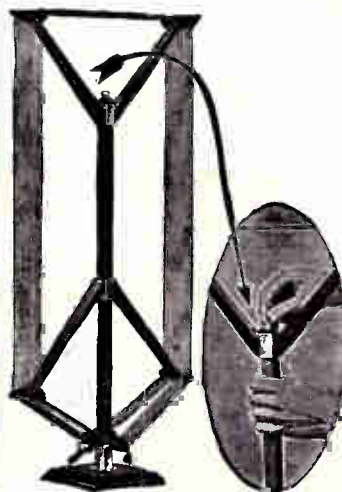
Master Console
Stock No. 852

Your Price

7³⁵



List Price 12.50



Qualitone Loop

DURO MODEL

A very efficient aerial for any type receiver. Highly selective. Thumb screw adjustments assure tight wires and consistent tuning characteristics at all times. A center tap is provided for use with .0005 condensers.

Your Price

5⁸⁸

List Price 10.00

Stock No. 856

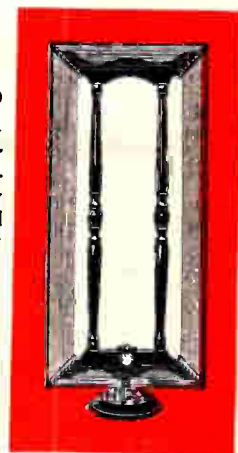
Bodine DeLuxe Loop

The grace and beauty of the DeLuxe Loop makes it particularly desirable for use on high grade radio cabinets. There is nothing about it suggestive of the laboratory or workshop and it will harmonize with the most artistically decorated interior. The frame is made of selected American Walnut, hand-rubbed to a smooth glossy finish. The winding of stranded copper wire is covered with lustrous brown silk braid and mounted on black bakelite spreaders. Directional characteristics. Turns in 6" radius.

Your Price

7⁰⁶

Stock No. 854 List Price 12.00



Always First In Values and Quality

JENSEN DYNAMIC Speaker and Unit



Jensen Cabinet Speaker

6 Volt Field	90 Volt Field
Your Price 38²²	Your Price 39⁷⁰
List Price \$65.00	List Price \$67.50
Stock No. 2639	Stock No. 2640

THE Jensen Speaker, embodies the dynamic or moving coil principle, avoiding all friction. Types D44 and D4 are wound with standard field winding having a resistance of about 15 ohms, drawing less than four-tenths amperes from a 6-volt "A" power supply. This supply can be obtained from the regular storage "A" battery or light socket "A" device which supplies the radio set, or a separate 6-volt trickle charger may be used.

Types D45 and D5 are wound with a special field winding, having a resistance of about 2250 ohms. This field may be used as a choke in

the power amplifier circuit or in such a manner that it obtains its magnetic energy from the plate supply. At 80 to 90 volts it will draw from 35 to 40 milliamperes.

Both types of Jensen Dynamic Units are equipped with a step-down transformer with a ratio of 25 to 1, so no other output transformer is necessary.



Jensen Unit

6 Volt Field	90 Volt Field
Your Price 27⁹⁵	Your Price 29⁴⁰
List Price \$47.50	List Price \$50.00
Stock No. 2641	Stock No. 2642



Temple Drum Speakers

13 In. Diameter

Covers the full orchestra range of seven octaves. Mathematically and acoustically correct. Produces every tone faithfully. Finished in crackled brown. 13 in. diameter. 54 in. air column.

Your Price **17⁰⁶**

List Price \$29.00
Stock No. 117

No. 18 Senior

An attractive speaker that reproduces tones faithfully. Finished in crackled brown. 18 in. in diameter, 75 in. air column, 11½ in. deep.

Your Price **28⁵²**

List Price \$48.50
Stock No. 2628



Baritone 20 In. Cone

Embodies all the latest scientific developments and speaker design. Deep natural tone faithfully reproduces all tones that enter the microphone from the highest to the lowest notes. Will stand more than usual volume without distortion, blasting or sacrificing to tone quality.

Your Price **14⁷⁰**

List Price \$25.00
Stock No. 120

FAIRFAX Master Tone Chamber

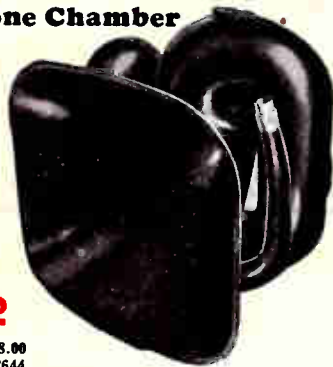
A compact, non-vibrating molded wood tone chamber, constructed to reproduce all notes naturally without distortion or over-tone. Tone chamber comes already mounted in box and may be placed directly into cabinet. Photograph shows tone chamber without box.

Type 570
72-in. tone travel. Comes in box without unit. 15 in. high, 12 in. wide, 12 in. deep.
Your Price **7⁶⁵**

List Price \$13.00
Stock No. 2643

Type 595
96-in. tone travel. Comes complete in box without unit. 21¼ in. high, 18 in. wide, 15 in. deep.
Your Price **10⁶⁰**

List Price \$18.00
Stock No. 2644



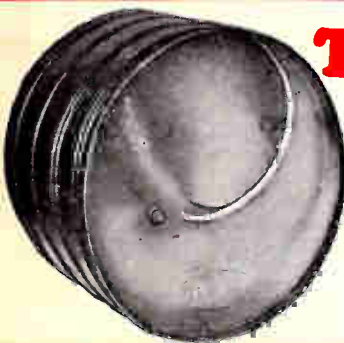
THE TEMPLE Double Action Unit



The back of the unit with its specially designed cap allows free transmission of the higher frequencies and protects against mechanical injury. An eight foot cord instead of the usual short cord, gives greater freedom in the proper placement of the speaker.

Your Price **4⁷¹**

List Price \$8.00
Stock No. 2627



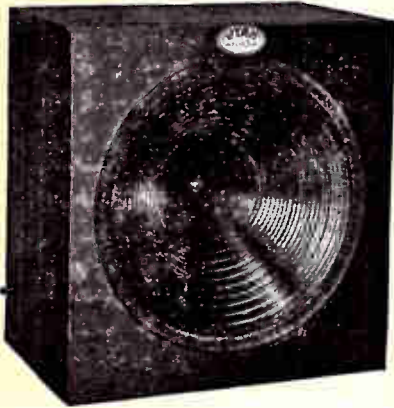
Temple Air Column Speakers

If you have a console or cabinet, you may replace your present built-in speaker with a special TEMPLE Air Column. Made absolutely rigid by use of a metal bound, heavy, glazed, flint-like composition which resists vibration. They incorporate specially designed air columns and because of the unique construction obtain the maximum results in the minimum space.

Length	Diameter	Depth	Without Unit			With Unit		
			List Price	Your Price	Stock No.	List Price	Your Price	Stock No.
30 in.	7 in.	7 in.	\$ 9.00	5.30	2631	\$17.00	10.00	2635
54 in.	11½ in.	7½ in.	14.00	8.25	2632	22.00	12.95	2636
54 in.	13 in.	6½ in.	14.00	8.25	2633	22.00	12.95	2637
75 in.	18 in.	11½ in.	24.00	14.10	2634	32.00	18.82	2638

WESTERN RADIO MFG. CO. Chicago

UTAH "One-Piece" HORNS



UTAH "XB" Speaker for Consoles

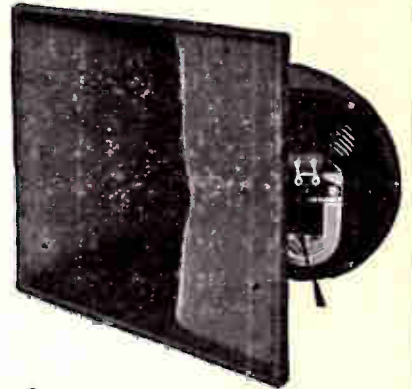
Your Price

9⁴¹

fit into console. This fine speaker will produce better results in reception and will modernize any console that is equipped with any obsolete type of speaker. Comes complete with unit. Dimensions—9½" x 9½" x 5".

List Price \$16.00
Stock No. 2915

UTAH "XU" Speaker for Consoles



Rasping noises and foreign tones are banished forever when a "UX" type of Utah Speaker is installed in the console. Comes complete with new Utah unit. 34" air column. Extremely sensitive and capable of reproducing the entire range of musical frequencies. Front dimensions—14½" x 19½", outside dimensions—14½" x 19½" x 14½" deep.

List Price \$22.00
Stock No. 2916

Your Price

12⁹⁵



UTAH Series 400 Horns

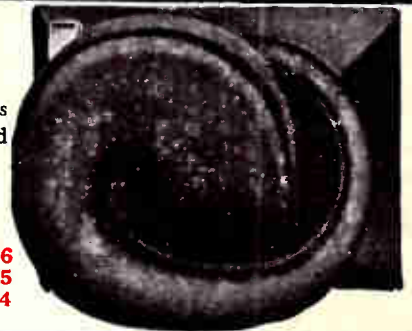
Utah horns for consoles have opened a new era in reproduction. Built on the new principle employing a longer air column and the latest improved Utah Unit, amazing tone reproduction is secured. Designed to fit in tone chamber of console.

Front Area	Depth	Air Column	Stock No.	With Utah Unit		Your Price	Stock No.	With Utah DeLuxe Unit		Your Price
				List Price	Unit Price			List Price	Unit Price	
8½" x 18¼"	11½"	68"	2681	\$12.50		\$7.35	2683	\$14.50	\$8.53	
8½" x 20½"	11½"	69"	2682	13.00		7.64	2684	15.00	8.82	

UTAH Series 500 Horns

500 Series Horn possesses extra long air column which results in tone purity. Reproduces all tones of the orchestra and inflection of the human voice with natural fidelity. Designed for use in console. Comes equipped with either new Utah or Utah DeLuxe Unit.

Front Area	Depth	Air Column	Stock No.	With Utah Unit		Stock No.	With Utah DeLuxe Unit	
				List Price	Your Price		List Price	Your Price
19" x 24"	11½"	108"	2675	\$18.00	\$10.58	2678	\$20.00	\$11.76
19" x 24"	11½"	120"	2676	19.00	11.17	2679	21.00	12.35
19" x 24"	12½"	136"	2677	20.00	11.76	2680	22.00	12.94



UTAH Piano Unit

Your Price

5⁸⁸

List Price \$10.00
Stock No. 98

A new Utah product designed to be installed in Upright or Grand Piano to use the sounding board and box for a loud speaker. Will not harm piano. Metal finish. Gives the use of a high grade piano sounding board in radio purposes.

Always First In Values and Quality



Newcombe-Hawley Walnut Cabinet Speakers

Suitable for use with any table set. Plenty of room for power units. 86 in. tone chamber. Complete with latest model matched Nathaniel Baldwin unit. Cabinet of 5-ply genuine Walnut with beautiful antique lacquer finish. Open grill front. Height 34 in., width 36½ in., depth 16½ in.

Your Price

44¹⁰

List Price \$75.00
Stock No. 108

Furnished with doors as shown above. 86 in. Tone Chamber. Ample space for power units. Built of finest 5-ply genuine Walnut. Antique lacquer finish. Will not warp or check. Complete with Nathaniel Baldwin Unit. Height 34 in., width 36½ in., depth 16½ in.

Your Price

49⁹⁵

List Price \$85.00
Stock No. 2625

CABINET Speakers and Drums



Newcombe-Hawley Cabinet Reproducer

The Newcombe-Hawley Reproducer in console form. Panel fitted for radio receiver. Top opens for easy access to set. Ample space for power unit. Doors cover grill, and set when closed as shown in photograph above. 5-ply genuine Walnut cabinet with antique lacquer finish. Comes without set. Height 44½ in., width 36½ in., depth 16½ in. Panel size 9x22 in.

List Price Your
\$125.00 Price
Stock No. 2626

73⁵⁰

Your Price

38²²

List Price
\$65.00

Stock
No. 109



Temple Cabinet Speaker

A Spanish designed cabinet beautifully finished in Walnut. Has extra large tone chamber and 72 in. long air column which produces rich full tones. Two-door front open to grill and serves as a method of increasing or diminishing volume. Dimensions: 14½"x24"x32" high.

Newcombe-Hawley Drum Speaker

Embodies a new principle of tone reproduction. Great volume and tone range obtained by combining the action of matched Baldwin Unit and the correctly designed tone chamber. Nothing to adjust—nothing to get out of order. Attractive dark brown finish.

List Price
\$32.00
Stock No.
116

Your Price

18⁸²



Newcombe-Hawley Cabinet Speaker

Designed to be used as a table for average radio sets. Can be used as a loud speaker for operation in a room apart from the receiver. 86 in. tone chamber. The purest tones ever emitted from any speaker. Cabinet is made of 5-ply genuine Walnut and is finished in a beautiful antique lacquer. Dimensions: 33 in. high, 28½ in. wide, 16½ in. deep.

Your Price
38²²

List Price \$65.00
Stock No. 111



UTAH "No. X" Speaker



Made of 5-ply natural finished Walnut. Carved with peacock designed grill. Veneer front and back. Reproduces all tones with remarkable fidelity. One of the finest speakers ever produced by manufacturers of the splendid Utah line of speakers, 18" high.

Your Price
20⁵⁸

List Price \$35.00
Stock No. 114

UTAH Drum Speaker

Another high quality pure tone Utah Speaker. Reproduced hand carved base. Metal drum, finished in antique Walnut. Scientifically designed tone chamber and highly sensitive unit. Distributes sound fully in all directions. Dimensions. 16½" high, 14" diameter, by 4½" deep.

Your Price

9⁴¹

List Price \$16.00
Stock No. 115



WESTERN RADIO MFG. CO. Chicago



BALDWIN Phono Units

Converts phonograph into loud speaker. Sensitive corrugated aluminum diaphragm.

Stock No.	Type	List Price	Your Price
95	Standard Black Imitation leather (as illustrated)	\$ 8.00	\$4.71

Phono Units Without Base

96	Concert Grand Silver Mottled	\$14.00	\$8.40
97	Concert Gold Mottled	12.00	7.20

Units - Headphones Adapters

ACME CONE



List Price \$25.00

Stock No. 128

Your Price

11.50

SPECIAL VALUE

A double faced cone with a free edge that permits unrestrained vibration and prevents tone distortion. Large volume reproduction of the human voice and all musical instruments.

Utah PHONO Unit



This unit attached to the tone arm of a phonograph converts the sound box into a loud speaker. Excellent volume and tone. Nickel finished. Can be connected without tools.

List Price \$10.00
Stock No. 140

Your Price **5.88**

Threaded Unit for Speaker. Without Base

Your Price **3.43**
De Luxe Type Your Price **4.41**

List Price \$5.00 Stock No. 103
List Price \$7.50 Stock No. 2645

AMSCO Orthophone



An output device for connection between the last tube of an amplifier and the loud speaker. Protects the speaker and reduces rattling. Increases the volume. Necessary for use with power tubes and desirable with any tube. Hand-some case 2 1/2 x 2 1/4 x 5 in.

Your Price **3.53**
List \$6.00
Stock No. 99

CAMCO Phones

An excellent headset of fine tone quality and volume. Receiver cases and caps highly polished. Fabric covered head band. Easily adjustable to comfortably fit the head. Complete with 5-foot cord.



Your Price **1.29**

List Price \$3.00
Stock No. 165

Loud Speaker Demonstrator



For comparing four speakers, switching from one to the other without the loss of a single note. Dealers should have this device to demonstrate tone values of speakers.

Your Price **2.06**

List Price \$3.50 Stock No. 100

Baldwin Units

For use in converting phonograph sounding box into loud speaker. Precision instruments gives faithful reproduction of all notes. Screw thread.



Stock No. Type List Price Your Price
101 Concert Unit \$10.00 **\$5.88**
102 Rival Unit 7.00 **4.12**

List Price \$12.50
Stock No. 104
Your Price **7.35**



Phonovox Phono Reproducer

Modernizes the phonograph and reproduces records with wonderful tone quality. Used with radio receiver. Easy to install. Complete with adapter and volume control.

Your Price

5.30

List Price \$9.00

Stock No. 105

Constructed according to the exclusive Baldwin principles. Matched for tone, quality and sensitivity. Mica diaphragm.

Nathaniel
BALDWIN
RADIO PHONES



EKKO Adapters



List Price Your Price
No. 1 connects Unit to Edison Phonograph. 25c **18c**

No. 2 connects Unit to Columbia, Pathe, Vocalian, and Jewel tone arms. 20c **14c**

Stock No. 162

No. 4 connects Unit to Brunswick. 30c **21c**

Stock No. 163

No. 5 connects Unit to Blaudin, Cecelian and Kimball phonographs. 25c **18c**

Stock No. 164



FROST PHONES

Very sensitive, responsive to the slightest tone variations. Sturdily constructed. No 172 has shells and caps of Maroon Bakelite. Numbers 174 and 175 have drawn aluminum caps adjustable head band.

Stock No. Ohms List Price Your Price
172 3200 \$6.00 **\$3.53**
174 2000 3.00 **1.77**
175 3000 3.50 **2.06**

FROST-RADIO

Always First In Values and Quality

SONATRON



Sonatron Tubes are recommended for use in the finest sets and represent the highest skill in vacuum tube design. Gives maximum signal audibility and sensitiveness. Long life construction. Every tube guaranteed by the manufacturer and tested before shipment.

Stock No.	Volts	Amp.	Type	List Price	Your Price
S-X201-A	5	.25	Amplifier or Det.	\$1.50	\$0.75
S-200-A	5	.25	Detector	4.00	2.00
S-199	3	.06	Amp. & Det. Short Prong UV	2.25	1.12
S-X 199	3	.06	Amp. & Det. X Type Base	2.25	1.12
S-199-A	3	.06	Amp. & Det. Standard Base	2.25	1.12
S-W. D. 11	1½	.25	Amp. & Det.	2.50	1.25
S-W. X. 12	1½	.25	Amp. & Det. U.X. Base	2.50	1.25
SX 120	3	.125	Power Amplifier	2.50	1.25
SX 112	5	.5	Power Amplifier	3.50	1.75
SX 171	5	.5	Power Amplifier	3.50	1.75
SX 240	5	.25	Hi Mu Amp. and Det.	2.00	1.00
SX 210	7½	¼	Oscillator and Amp.	9.00	4.50
SX 222	3.3	.132	Screen Grid R.F. Amplifier	6.50	3.25
SX 280	5	2.	Full Wave Rectifier	5.00	2.50
SX 281	7.5	1.25	Half Wave Rectifier	7.50	3.75

Sonatron Y-227AC Detector and Amplifier



The SONATRON AC Tube requires no "A" Battery! Separate heater type, with a five-prong base with the cathode connection right in the base for the heater element. Designed for detector and amplifier purpose.

YOUR PRICE \$3.00
List Price \$6.00
Stock No. S-Y227 AC

Sonatron 225-A



Takes the place of the old 225 AC. Has cathode connections on the base, replacing the prongs on top of the tube in the old style. Acts as a radio frequency amplifier, detector and audio frequency amplifier and oscillator.

YOUR PRICE \$2.50
List Price \$5.00
Stock No. S-225 A

Sonatron Amplifier and Red, White and Blue Matched Power Tubes

A source of big volume and fine tonal qualities. May be used with all sets—from crystal to 10 tube receiver. Adds three stages of amplification. For dry cell or storage battery. Cuts operating costs. Only one connection.

YOUR PRICE \$12.00
List Price \$20.00
Stock No. S-940



Sonatron SH85 Full Wave Rectifier

This gas filled tube is designed for use in eliminators for attaching DC sets to AC current. No filament. Can be used where Raytheon 85 mil tubes are used.



YOUR PRICE \$2.25
List Price \$4.50
Stock No. SH-85

Sonatron X-226AC Amplifier

Designed for radio and audio frequency amplification stages. Does not require an "A" Battery. It is for use in receivers operating from an alternating current light socket. Filament type tube, equipped with a standard base.



YOUR PRICE \$1.50
List Price \$3.00
Stock No. S-X226

Shieldplate SP122 Shielded Grid

Amplification constant is 175, compared with constant of 8 in general purpose tubes. Oscillation is entirely eliminated. It is self-neutralized. "A" battery drain is only .131 amperes. Operates on 3 volts. Brings in DX stations like locals.



YOUR PRICE \$4.15
List Price \$6.50
Stock No. SP-122

WESTERN RADIO MFG. CO. Chicago

Radio and Rectifier Tubes

Cunningham
RADIO TUBES

Cunningham Tubes

The Well Known Radio Tube

Made by the General Electric Co. Proven efficiency in every type of receiver. Every tube thoroughly tested before shipped.

Stock No.	Amp.	Type	Volts	List Price	Your Price
CX-300A	$\frac{1}{4}$	Detector	5	\$4.00	\$2.75
CX-301A	$\frac{1}{4}$	Detector or Amp.	5	1.50	1.05
CX-299	$\frac{1}{4}$	Detector or Amp.	3	2.25	1.55
CX-12	$\frac{1}{4}$	Detector or Amp.	3	2.50	1.73
C-299	$\frac{1}{4}$	Detector or Amp.	1 $\frac{1}{2}$	2.25	1.55
CX-220	.06	Detector or Amp.	3	2.25	1.73
CX-112	.125	Power Amplifier	3	2.50	2.40
CX-371	.5	Power Amplifier	5	3.50	2.40
CX-310	.5	Power Amplifier	5	3.50	2.40
CX-374	1 $\frac{1}{4}$	Power Amplifier	6-7 $\frac{1}{2}$	9.00	6.18
CX-340	$\frac{1}{4}$	Voltage Regulator	5	4.75	3.32
CX-322	$\frac{1}{4}$	Hi-Mu	5	2.00	1.38
CX-381	1.25	Screen Grid Tube	5	6.50	4.46
CX-380	2.0	Single Wave Rectifier D.C. output of 110 milliamps. Increased output necessary for sets using greater power, such as CX371 and CX310	7.5	7.50	5.15
		Full Wave Rectifier with an output of 125 milliamps	5	5.00	3.43

Type CX380 and CX381 are interchangeable for Type CX313 and CX316-B, but special units are required for delivery of increased output.



New Cunningham A. C. Tubes

CX326 and C327 A. C. Tubes permit the use of unrectified alternating current supplied through a step-down transformer and dispense with filament current supply by batteries, rectifying devices and filter systems.

Stock No.	Type	List Price	Your Price
CX326	New A.C. Type U.X. Base Amplifier	\$3.00	\$2.10
C 327	A.C. Detector (5-prong)	6.00	4.80



Raytheon Type "B" Tubes FOR ELIMINATORS

Actual service in many of the leading "B" Eliminators have proven efficiency of the type "B" tube. May be used in all well known "B" Eliminators such as All American, Kingston, Acme, Burns, Majestic, B. T. Mayolin, Valley, Webster and many others. Rating 60 M. A. output at 150 volts.

Your Price
\$2.65
List \$4.50
Stock No. 363

Raytheon LONG LIFE RECTIFYING TUBE

Cartridge Type A-2 $\frac{1}{2}$ Amps

An entirely new and improved device for high current, low voltage rectification. Unbreakable metal cartridge, compact and simple, no liquids or filaments. An efficient rectifier for battery chargers or A power units. Low operating cost. Guaranteed for 750 hours service. Rating 2 $\frac{1}{2}$ amps.

Your Price
\$2.65
List \$4.50
Stock No. 673



Raytheon-Heavy Duty Type B-H-85 M. A.

Designed for heavy duty applications of light socket power. Used in many power amplifiers and complete A. C. operated receivers. Rating 85 m. a. output at 200 volts.

Your Price
\$2.65
List \$4.50
Stock No. 672

Raytheon Type BA-350 M.A.

Light socket power units employing this type to provide enough voltage to operate any receiver using standard 201-A tubes in series and power amplification. Carries a guarantee of 1000 hours of service over a period of one year.

Your Price
\$4.41
List \$7.50
Stock No. 671

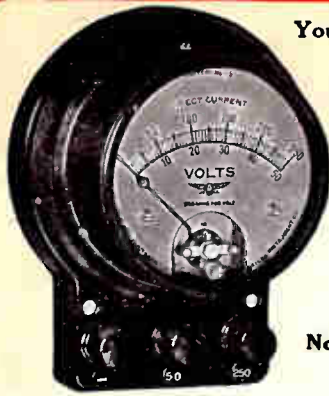
McDonald Howl Arrester

YOUR PRICE **44c** LIST PRICE 75c

Eliminates the howl of a microphonic tube. May be used with 201-A or 199 type tubes. Will get better results out of any set and any loud speaker. A proven successful howl arrester that it will pay every set owner to have.

Stock No. 286 287 Type 201-A 199

Always First In Values and Quality



Your Price

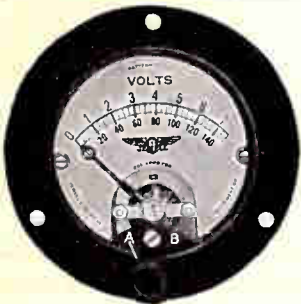
18²⁵

List Price
\$25.00

Stock
No. J-2116

'B' Eliminator Tester

Checks the delivered voltage of 'B' eliminators, 'B' batteries and other sources of power supply. Because of the high 800 ohms resistance per volt very little current is required to operate the instrument. Shows true voltage. Reads 0-50-250 volts.



Your Price

6⁰⁶

List Price
\$9.50

Stock No.
J-2140

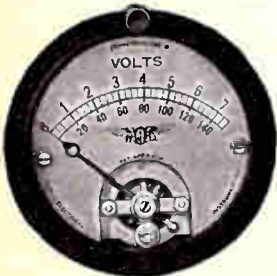
Compact Voltmeter

Wires right in the set and mounts on the panel. Gives a constant check on 'A' and 'B' battery voltage and tells when adjustments are to be made. Mounts on panel in 2" hole. Flange is 2 3/8". Gives accurate readings from 0-7 1/2-150 volts. A precision instrument that will prove worth while on any set.

Push Switch Meter

Panel voltmeter. Equipped with a push switch for high scale reading. A 0-7 1/2 volt scale reads "A" battery voltage, the high scale reads "B" voltage. Mounts in 2-in. panel hole without screws.

Stock No.	Type
J-1135	0-7 1/2 -150
J-1136	0-8 -200

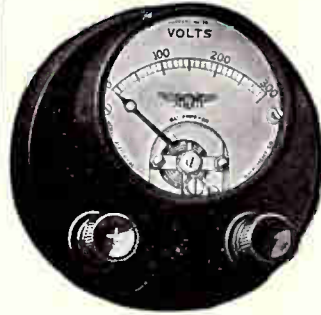


Your Price

5⁷⁴

List Price
\$9.00

JEWEL Meters and Checkers



Your Price

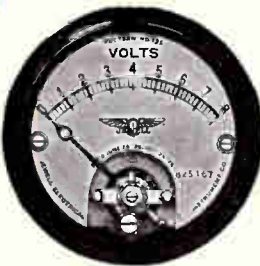
7⁶⁶

List Price
\$12.00

Stock No.
J-1390

'B' Eliminator Tester for Home Use

An accurate D'Arsonval type high resistance voltmeter. Suitable for testing and adjusting 'B' Eliminator voltages. Maintains its accuracy. Scale range 0-300 volts. You will get better operation from your 'B' power supply if you check its delivered voltage. Every set owner should have this instrument.



Your Price

4⁴⁶

List Price
\$7.00

Panel Meters

Comes as a voltmeter for filament control or as an ammeter to read "A" Battery current or as a milliammeter to read "B" battery drain. Mounts in 2-in. panel hole with special device that eliminates screws. Specify type wanted.

Stock No.	Type
J-1350	0.5 or 0.8 or 0-10 volts
J-1360	0.3 or 0.5 Amp.
J-1370	0-25 or 0-50 or 0-100 milliamp.

Portable Voltmeter

Genuine Bakelite Case

Designed to resemble a miniature mantel clock. Case is genuine black bakelite. Checks voltage on any set. Furnished with phone tipped leads for plugging into Radiola, Victor and Brunswick Sets. Reads 0-7 1/2-150 volts for both "A and B" batteries.

Your Price

6³⁷



List Price
\$10.00

Stock
No.
J-1335



Compact Tube Checker

Compact tube checker for all tubes including power tubes. Equipped with a rheostat, socket, filament voltmeter, 0-8 volts and a plate milliammeter, 0-8-40, milliamperes. The 0-8 milliampere scale for checking 199 and 201-A type tubes. The 0-40 scale covers power tubes. Genuine bakelite carrying case with strap handle.

List Price \$27.50
Stock No. J-1150

20²²

JUNIOR Tube Checker

Tells Condition of Tubes
Paralyzed or semi-paralyzed tubes are sources of trouble. Because a tube lights is no proof that it is in good condition. Tests all three and five volt tubes. Comes complete with cord, plug and adapter.



Stock
No.
J-2107

Your Price

7⁹⁶

List Price
\$12.50

Radiola Tip Jack Type Voltmeter

Can be used on any set but is specially designed with tip jacks for Radiola, Victor and Brunswick. Adjustable prods permit variation in spacing. Zero adjuster. Reads 0-7 volts on easy reading scale.

Your Price

4⁸⁰

List Price \$7.50
Stock No. J-2235

WESTERN RADIO MFG. CO. Chicago

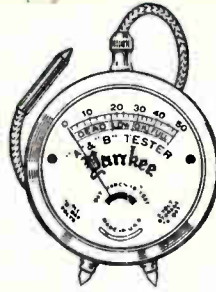
Meters—Tube Rejuvenators



"B" Eliminator Tester

For use with small current at high voltages. Resistance of 204,500 ohms. Reads 0-300 volts. May be used on all D.C. work. Mounted in heavy steel case. Shielded movements. Green crackle finish.

Your Price
List Price \$8.00
Stock No. 62 **4⁷¹**

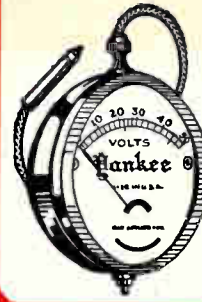


Yankee Pocket "A-B" Tester

A combination volt meter and 'A' battery tester. Left contact used for testing 'B' batteries. Right contact is used for testing 6-volt 'A' batteries. Tells exact condition of batteries.

Your Price
List Price \$2.25
Stock No. 61 **1³³**

Volt and Ammeter



Voltmeter
For testing "B" Batteries. Scale, 0-50 volts. Nickel plated case.

Ammeter
Reads from 0-35 m.P. or Phos P. or bronze control spring. An accurate instrument.

Your Price **67c**
List Price \$1.25
Stock No. 65
Your Price **54c**
List \$1.00
No. 59

Yankee Hi-drometer

A handy instrument for reading condition of 6 volt "A" Battery for either automobile or radio. Tells when and how long to charge battery. Nickel plated—highly polished case.



Your Price
List Price \$1.50
Stock No. 58 **88c**

Yankee Panel Mount Volt Meter

A compact meter for front mounting on panel to show filament voltage. 1000 ohms resistances. Nickel plated, highly polished case. Accurately calibrated. Reads 0-10 volts.



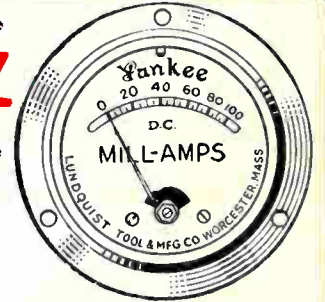
Your Price **1⁴⁷**
List Price \$2.50
Stock No. 63

Your Price

1⁴⁷

List Price \$2.50

Stock No. 64

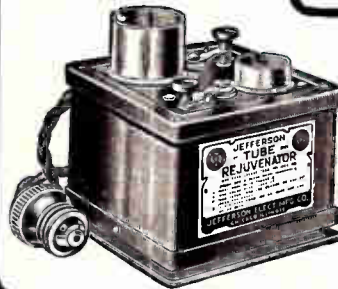


Milliammeter Panel Mount

Range 0-100 milliamps. For use with sets where filament supply current is drawn from the "B" Eliminator circuit or other source.

Jefferson Rejuvenator

For 199 and 201A tubes. Keeps them like new. Will revive all types of tubes that have Thorium Filaments. Will restore weak tubes that are not burned out or mechanically injured. 110 volts—60 cycle.



Your Price

2⁶⁵

List Price \$4.50

Stock No. 282

JEFFERSON TUBE CHECKER

Readings indicate condition of tubes. Readings are based upon using 45 volts, which is obtained by inserting plug into the first audio socket. Locates loose connections, poor contacts in the socket, open circuit and transformer and open "A" battery circuit.

Your Price

2⁶⁵

List Price \$4.50

Stock No. 290



Jewel Portable Meter

VOLTMETER

A precision instrument. 45-volt "B" Batteries registering less than 35 volts should be discarded. Meter reads 0-50 volts.

Stock No. J84

Your Price

1⁷⁶

List Price \$2.75

AMMETER

Reads 0-40 a m p s. Portable. Easy to read.

Stock No. J85

Your Price

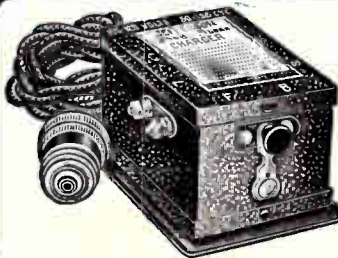
1²⁸

List Price \$2.00



Jefferson Tube Charger

Will charge 199, 299, 201-A, 301-A tubes while they are in the set. Operates from 110-120, 60 cycle A. C. Provided with extension cord and plug. A neat unit that it will pay every set owner to have.



Your Price

2⁶⁵

List Price \$4.50

Stock No. 283

Always First In Values and Quality

VALUES IN UP-TO-THE-

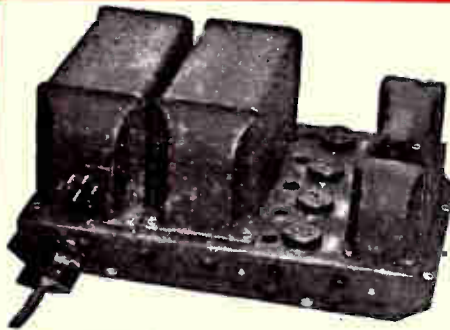


Your Price Complete with Raytheon Tube

14⁴¹
List Price \$24.50
Stock No. 2910

SPECIAL! Cloverleaf Lifetime "B" Eliminator

Will operate any set up to 7-tubes, including power tube. Uses type BH Raytheon tube which comes with the eliminator. 180 volt output. Guaranteed for one year.



SAMSON Amplifiers Pam Type

for
A. C. Operation

Samson completely built up and designed for A. C. operation for use as phonograph amplifier. Simply attach the pick-up device to the input

binding post, the reproducer to the output binding post and plug the cord in the 110 volt 60 cycle light socket. No exposed connections. Units are sealed. Overall size is 15 $\frac{1}{8}$ x 11 $\frac{1}{4}$ x 6 $\frac{3}{8}$ ".

The PAM-16 uses the UY-227 tube and two UX 210 tubes in push-pull which gives an undistorted power output of approximately 7 watts.

Stock No. 2907 List Price \$125.00

Your Price

73⁵⁰
Without Tubes

The PAM-17 uses one UY-227 tube and two 'X 210 in push-pull which gives an undistorted power output of approximately 7 watts. It has two binding posts from which may be taken the current necessary for the field coil of the dynamic type speaker such as the Magnabox or Jensen.

Stock No. 2908 List Price \$125.00

Your Price

73⁵⁰
Without Tubes

THORDARSON

210 Push-Pull Amplifier and "B" Supply

Your Price

47⁹⁰

List Price \$81.45
Stock No. 2901

- 1—Thordarson Power Supply Transformer T-2098 \$20.00
- 1—Thordarson Double Choke Unit T-2099..... 14.00
- 1—Thordarson Push-Pull Input Transformer T-2408 8.00
- 1—Thordarson Push-Pull Output Choke T-2420 8.00
- 1—Parvovolt 210 Condenser Block..... 15.00
- 2—Electrad 8000 ohm—75 watt..... 4.00
- 2—Electrad 10,000 ohm—50 watt..... 3.30
- 1—Electrad 750 ohm—25 watt..... .85
- 1—Electrad 50,000 Truvolt..... 3.50
- 5—Benjamin UX Sockets..... 3.75
- 7—Eby Binding Posts B-, B+, Det. B+, Amp. A Plain..... 1.05

LIGNOLE Radio Panels



Lignole panels are made of genuine woods, 5-ply laminated construction and finished either

plain or in two-tone. The two-tone panels have a darker border separated from the body of the panel by a small vein or by a beautiful inlaid Marqueterie. This finish produces a panel that will blend and harmonize with any style or make of cabinet in which it is placed.

Walnut Two-Toned With Inlay

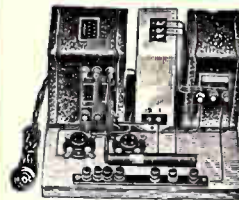
Stock No.	Size	List Price	Your Price
5718	7x18x $\frac{1}{8}$ "	\$6.52	\$3.84
5721	7x21x $\frac{1}{8}$ "	6.94	4.88
5724	7x24x $\frac{1}{8}$ "	7.36	4.33
5726	7x26x $\frac{1}{8}$ "	7.64	4.49
5728	7x28x $\frac{1}{8}$ "	7.92	4.67
5730	7x30x $\frac{1}{8}$ "	8.20	4.87

Walnut Two-Toned Without Inlay

Stock No.	Size	List Price	Your Price
6718	7x18x $\frac{1}{8}$ "	\$3.15	\$1.87
6721	7x21x $\frac{1}{8}$ "	3.68	2.16
6724	7x24x $\frac{1}{8}$ "	4.20	2.45
6726	7x26x $\frac{1}{8}$ "	4.55	2.69
6728	7x28x $\frac{1}{8}$ "	4.90	2.89
6730	7x30x $\frac{1}{8}$ "	5.25	3.00

Walnut Two-Toned Kit Panels With Inlay

Type	Size	List Price	Your Price
Victoreen Universal	7x26x $\frac{1}{8}$ "	\$10.00	\$5.88
Madison Moore One Spot	7x26x $\frac{1}{8}$ "	9.00	5.34
Madison Moore International	7x28x $\frac{1}{8}$ "	9.50	5.60
Tyrman Ten (drilled only)	7x26x $\frac{1}{8}$ "	8.50	5.00
Tyrman "70"	7x24x $\frac{1}{8}$ "	8.50	5.00
World's Record 8	7x24x $\frac{1}{8}$ "	8.50	5.00
World's Record 9	7x24x $\frac{1}{8}$ "	9.00	5.30
World's Record 10	7x26x $\frac{1}{8}$ "	9.00	5.30
Nine in Line "1927"	7x26x $\frac{1}{8}$ "	9.00	5.30
Nine in Line "1928"	7x26x $\frac{1}{8}$ "	9.00	5.30
Magnaformer	7x26x $\frac{1}{8}$ "	9.00	5.30
R. G. S. Octomonic	7x21x $\frac{1}{8}$ "	8.00	4.72
Melo Heald II	7x28x $\frac{1}{8}$ "	9.50	5.60
Hot Spot 14	7x30x $\frac{1}{8}$ "	10.00	5.88
Hammarlund Roberts Hi-Q 6	7x21x $\frac{1}{8}$ "	8.00	4.72
B-T Power 6	7x24x $\frac{1}{8}$ "	8.50	5.00
Citizen's Super 8	7x26x $\frac{1}{8}$ "	9.00	5.30
Citizen's Super 9	7x26x $\frac{1}{8}$ "	9.00	5.30
Browning Drake	7x21x $\frac{1}{8}$ "	8.00	4.72
Knickerbocker Four	7x18x $\frac{1}{8}$ "	7.50	4.42



Your Price

33¹⁷

List Price \$56.40
Stock No. 2674

World's Record Super 10 "B" Supply

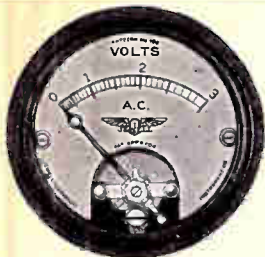
- 1—Thordarson No. 2098 Power Trans. \$20.00
- 1—Thordarson No. 2099 Choke Unit..... 14.00
- 1—Acme Parvovolt 210 Block..... 15.00
- 1—NEW TYPE Carter S. 20 M Resistor.... 4.50
- 2—S M 511 Sockets..... 1.00
- 7—Binding Posts..... 1.05
- 1—8 $\frac{1}{2}$ x $\frac{3}{4}$ Bake Strip..... .25
- 1—Wood Baseboard 9x11..... .60

MINUTE ITEMS

JEWEL 190 A. C. Filament Control Voltmeter

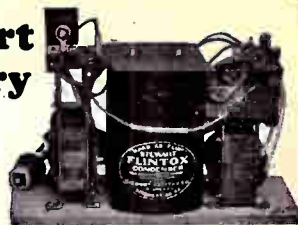
Diameter 2 inches, and in general appearance is similar to the Pattern No. 135 direct current type. It is accurate and neat in appearance. All of the instruments are designed for continuous service and consume a very small amount of energy.

Stock No.	Volts	List Price	Your Price
2660	0-3	\$7.50	\$5.52
2661	0-5	7.50	5.52
2662	0-15	7.50	5.52
2663	0-150	9.50	6.98



Stewart All-Dry

"A"
Eliminator
Kit



This Kit, when assembled, is an All Dry "A" Battery Eliminator which provides the most satisfactory method of completely electrifying any Radio Set using Battery tubes and has long since proven to be a more reliable source of "A" Power than the Storage Battery itself. It will supply steady "A" current to Sets having many tubes as easily as to the Sets having fewer tubes. No technical knowledge is needed for either the assembly or operation of this most reliable "A" current supply.

Stock No.	Type	Volts	Cycles	List Price	Your Price
2902	K-10	6	50-60	\$33.50	\$19.70
2903	K-13	6	25-40	37.00	21.76
2904	K-15	4	50-60	33.50	19.70
2905	K-17	4	25-40	37.00	21.76

JEWEL A. C.-D. C. Set Analyzer Pattern 137

Equipped with five adapters and two—three foot test leads. A.C. leads test 4-prong A.C. tubes, 5-prong A.C. tubes, Kellogg A.C. tubes, line voltage and filament transformer voltage. D.C. leads tests all D.C. tubes, filament supply, batteries or A-eliminators, plate supply or B-eliminators, plate current, grid voltage and circuits continuity.

Your Price
List Price \$115.00
Stock No. 2665

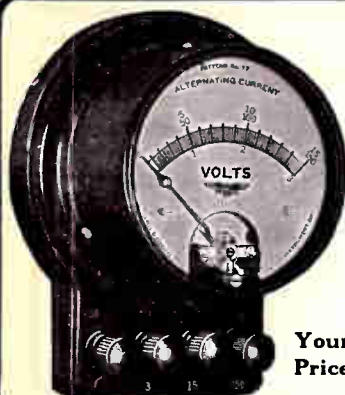
84⁵³



Jewel A. C. Voltmeter

Multi-scale voltmeter reads, 0-3, 0-15, 0-150 volts. A handy meter for use with A. C. sets. Jewel pattern No. 77.

Your Price **11⁰³** List Price \$15.00
Stock No. 2664



Jewel 589 for Majestic A

Tests voltage on Majestic A Eliminator. Reads 0-7 volts.

Your Price **4⁸⁰** List Price \$7.50
Stock No. 2666

Official Parts for

THORDARSON

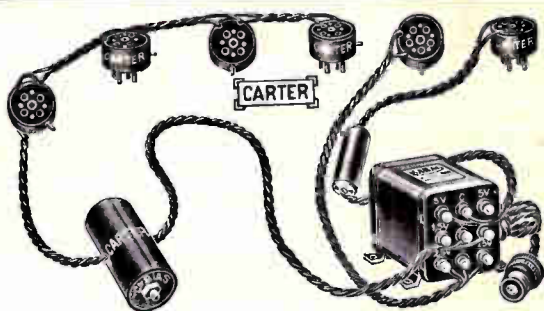
Screen Grid

Power Amplifier

4-R-190 Thordarson autoformers	\$20.00
1-R-76 Thordarson speaker coupling transformer	6.00
1-R-171 Thordarson power compact	15.00
1-R-171 Tube B-block	15.00
1-Tube 1 mfd. filter condenser No. 401	2.00
2-Tube 1/4 mfd. by-pass condensers	1.40
1-T-50 Electrad Truvolt 5000 ohm variable resistance	3.50
1-E-Electrad Royalty 500,000 ohm high resistance	2.00
1-B-100 Electrad 10,000 ohm fixed resistance	1.00
1-B-20 Electrad 2,000 ohm fixed resistance	.85
9-X-L bakelite push posts	1.35
1-10 Yaxley battery switch	.50
3-9040 Benjamin spring sockets	2.25
1-Carter 10 ohm filament resistor	.25
1-Carter 15 ohm filament resistor	.25
1-Celoron 9 3/4 x 12 x 3/4" base panel	2.85
1-Celoron 7 x 12 x 3/4" front panel	2.95
2-Base mounting brackets, 1" high	.70
1-Roll Acme celatsite wire	.80

List Price \$78.65
Stock No. 2913

Your Price **46²⁵**



Carter A. C. Adapter Harness for Converting D. C. Sets to A. C.

Makes it possible to convert practically any battery operated set to A. C. tube operation. It is not necessary to make any wiring changes in the set. Takes but a few minutes. Simply remove the present tubes, disconnect the "A" and "C" batteries, insert the adapters into the tube sockets, insert the A. C. tubes and attach the end of the Harness to the binding posts on the filament transformer. The terminals and wires are clearly marked.

Stock No.	Description	List Price	Your Price
HK-5	For 5 tube (no power tube) set	\$10.75	\$8.33
HKP-5	For 5 tube (including power tube) set	12.50	7.35
HK-6	For 6 tube (no power tube) set	11.75	6.91
HKP-6	For 6 tube (including power tube) set	13.50	7.94
HK-7	For 7 tube (no power tube) tuned RF set	12.75	7.50
HKP-7	For 7 tube (including power tube) tuned RF set	14.50	8.53

KARAS A. C. Former

for Use With Carter A. C. Adapter Harness

Scientifically designed to provide a humless, even flow of current to the delicate, sensitive filaments of the new 226 and 227 types A.C. Tubes. The Karas A.C. Former is a precision made instrument. It has been designed and developed by recognized experts. Each one is subjected to the severest tests.

Your Price **5¹⁵**

List Price \$8.75
Stock No. 2912





Westrad Upright 45 Volt B

Exceptionally long life. Built up of large cells. Clip connectors at 45 and 22½ volts. Thoroughly tested.

45 Volt
Length 8½ in.
Width 3¼ in.
Height, 7⅞ in.

Your Price **1⁹⁰**

List Price \$3.75
Stock No. 45

45 Volt Heavy Duty Upright
Length 8½ in.
Width 4⅞ in.
Height, 7⅞ in.

Your Price **2⁸⁵**

List Price \$4.75
Stock No. 50

'B' Batteries Power Relay

Diamond 22½ Volts Flat, Upright and Small

22½ volts of long life service. A proven high quality battery.



Flat Type
Variable voltage at 16½, 18, 19½, 21, 22½ volts; length, 6⅞ in.; width, 2 in.; height, 3 in.

Your Price **1²⁵**

List Price \$2.00
Stock No. B-1

Upright Type
Two binding posts. Used in portable sets. Length, 3¼ in.; width, 3¼ in.; height, 6 in.

Your Price **1¹⁵**

List Price \$1.75
Stock No. B-8

Small Type
For portable sets. Length, 3¼ in.; width, 2¼ in.; height, 3 in.

Your Price

94^c

List Price \$1.50
Stock No. B-4



Diamond Upright 45 Volt 'B'

Made of 30 large cells. Clip connectors at 22½ and 45 volts. A very dependable long life battery.

45 Volt
Length, 8½ in.
Width, 3¼ in.
Height, 7⅞ in.

Your Price

2³⁰

List Price \$3.75
Stock No. B-6

Heavy Duty 45 Volt
Length, 8½ in.
Width, 4⅞ in.
Height, 7⅞ in.

Your Price

3¹⁵

List Price \$4.75
Stock No. B-20



Diamond 'C' Batteries 7½ Volts

For grid circuit. Five contacts give voltages in steps of 1½ volts. For use where high C voltage is required.

Length 4 in.
Width ⅞ in.
Height 3 in.

Your Price **55^c**

List Price 85c
Stock No. C-7

Diamond 'C' 4½ Volts

For grid plate or filament. Three cells. Three binding posts at voltages of 1½, 3, and 4½ volts. May be used as A, B or C battery.

List Price 60c
Stock No. C-3



Your Price

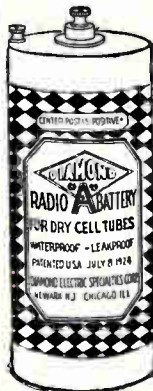
38^c

DIAMOND Dry Cell

Diamond 'A' Cell for 199 tubes. Compact and efficient. Binding post terminals.

Your Price **32^c**

List Price 50c
Stock No. C-9



Grip-Tite Clips

Makes firm electrical contact.

For "A" Bat. Your Price **8^c**
For "B" Bat. Your Price **5^c**

List Price 20c
Stock 586

List Price 10c
Stock No. 587

Full Automatic Relay

For use with Trickle chargers and 'B' Eliminators. Very compact. Switching of Trickle Charger and 'B' Eliminator is automatically accomplished by turning "on and off" switch on receiver.

Your Price **2⁰⁶**

List Price \$3.50. Stock No. 577



YAXLEY Automatic Control Relay

For switching off devices such as trickle chargers and 'B' Eliminators. Operating filament switch of the set gives absolute control of power supply.

Your Price **2⁹⁴**
List Price \$5.00

Stock No. 578



DIAMOND 9 Volt 'C' Battery

Your Price **76^c**

List Price \$1.20
Stock No. 10

DIAMOND 22½ Volt 'C' Battery

Your Price **1²⁰**

List Price \$2.00
Stock No. 11

EAGLE HYDROMETER



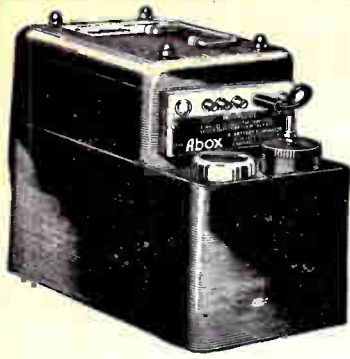
Your Price **42^c**

Tells amount of charge in "A" Battery. Glass prongs on float prevent tip from sticking to wall. Conforms to U. S. Bureau of Standards for accuracy.

List Price 75c Stock No. 585

WESTERN RADIO MFG. CO. Chicago

Typical Western Values



Abox "A" Eliminator

Takes current from light socket and delivers it to radio set. Consists of rectifier and Abox Filter built into one unit. No battery in paste form or otherwise. Re-quires no attention, simply turn on switch. No current used when set is not in operation. Compact size permits it to be placed in console cabinets.

Stock No.	Model	Output Amps.	Volts	List Price	Your Price
2609	6V	2	6	\$32.50	\$19.11
2610	4V	.75	4	27.50	16.18



WESTRAD Heavy Duty "A"

Rubber case 6-volt "A" Batteries. Made of highest quality material. Thoroughly tested. May be used in conjunction with trickle charger and operated direct from light socket. Bail handle.

Stock No.	Volts	Plates	Amps.	List Price	Your Price
582	6	7	80	\$14.00	\$7.75
583	6	11	100	16.00	8.75
584	6	13	120	20.00	9.95



Philco "A" Batteries

Diamond grid plates and quarter-sawed separators. Meets the demand for dependability. Filler cap charge tester FREE. Mahogany-ized rubber case. Bail handles.

Stock No.	Type	Volts	Age	Amps.	List Price	Your Price
601	56 RX	6	65	13.25	\$7.95	
602	76 RX	6	100	16.50	9.90	
603	96 RX	6	130	19.90	11.94	
604	116 RX	6	160	25.00	15.00	



ELKON Trickle Charger

Keeps "A" battery charged automatically without any attention. Taper feed keeps battery charged without danger of battery running down or becoming overcharged. No tubes, no liquids, acids, alkalis, or moving parts. The bone dry charger that needs no adjustment or attention. Weighs less than five pounds and will fit anywhere.

List Price	Your Price
\$10.00	5⁸⁸
Stock No. 2608	

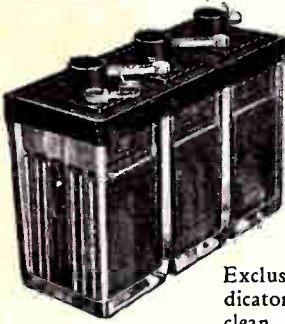
SPECIAL! Westinghouse Rectagon Charger



Here is a high grade, well advertised unit for charging "A" batteries. Comes in metal case. Comes complete with 2-amp p. Westinghouse bulb. One of the most popular makes on the market.

Your Price
7³⁵

List Price \$17.50
Stock No. 2612



PHILCO Glass Case "A" Batteries

Exclusive Philco visible built-in charge indicator. Spray-proof. Keeps dry and clean permanently. Designed especially for trickle charge use. Large solution space insures operation over long periods without addition of water. Very thick plates and separators insure longest life.

Type	Voltage	Length	Width	Height	List Prices	Your Price
UD-44	4	7 1/8"	2 1/8"	6 3/4"	\$7.50	\$4.50
UD-86	6	10 1/8"	4 3/8"	6 7/8"	12.50	7.50
UD-96	6	10 1/8"	4 3/8"	7 3/4"	13.90	8.34



ABOX FILTER

For those who have a battery charger and wish to convert it into an "A" Eliminator, Abox Filter is especially suited. It is connected between the charger and the set, permitting the charger to operate the set without a storage battery.

Your Price **11⁷⁰**
List Price \$19.50
Stock No. 2611

Super Automatic Power Control

Automatically disconnects the charger when battery is fully charged. Permits the use of high rate chargers. When switch is on the "B" power supply is connected and the charger circuit is cut off. When the set is turned off, the "B" power supply is disconnected and the charger is connected to the battery.

List Price \$7.50
Stock No. 780
Your Price **4⁴¹**



Genuine G. E. Tungar Bulbs

5 Ampere Your Price **5⁸⁸**
2 Ampere Your Price **2⁹⁴**

List Price \$8.00
Stock No. X218
List Price \$4.00
Stock No. X217



BALKITE CHARGERS

Shown on Inside Back Cover of Catalog

Always First In Values and Quality



SILVER-MARSHALL UNIPACS

Socket Powered Amplifiers

The S-M line of universal light socket power amplifiers and receiver supplies are made in models to suit every need—for home, auditorium and outdoor use. May be added to any radio set to replace obsolete audio amplifiers and provide B current to the receiver as well. Each model contains that famous S-M push-pull amplifier stages. Operates from any 105 to 120, 60 cycle lamp socket.

Model 681-210 is a single stage push-pull amplifier using two UX-210 tubes with an undistorted power output of over 5,000 milliwatts—up to several hundred times clearer than that of ordinary receivers. Can be used with any set equipped with at least one stage of AF amplification to boost volume, eliminate B batteries and give finer quality. Type 681-210 has a self-contained power supply using one or two UX-281 rectifier tubes at will and a UX-874 voltage regulator tube to hold receiver B voltages, supplied by the Unipac, absolutely constant.

The new Unipac case, shown above, is 17¼ in. long, 10¼ in. high, and 9¼ in. wide—large enough to accommodate the Unipac and an extra audio stage if desired, as well as an A power transformer to enable the 681-210 to supply receiver ABC power when A. C. tubes are used.

List Price \$83.25
Stock No. 2937

Your Price
LESS TUBES
Not Wired

48⁹⁵

List Price \$93.25
Stock No. 2938

Your Price
LESS TUBES
WIRED

54⁸⁵

Model 682-210 is a complete two stage amplifier for phonograph or radio containing the 210 push-pull output amplifier stage of the 681-210 plus a first audio stage using UX-226 tube and a S-M 220 transformer. Type 682-210 will furnish A, B and C power to an A. C. tube equipped receiver as well as complete audio amplification of the finest imaginable quality. Made in new case, shown above.

List Price \$97.75
Stock No. 2939

Your Price
LESS TUBES
Not Wired

57⁴⁵

List Price \$107.75
Stock No. 2940

Your Price
LESS TUBES
WIRED

63³⁰

Model 683-250 Unipac is a special model three stage amplifier consisting of the 681-210 Unipac, minus all receiver power "A" power and 9 volts C from external power or battery equipment. Model 683-250 is not intended for home use, being designed for large theatre, auditorium, or out of doors use, operating up to ten loud speakers for coverage of crowds of up to 20,000 or more people. Model 683-250 Unipac will operate from a radio receiver detector output, or from a magnetic phonograph record pick-up (or microphone if S-M 242 microphone input transformer is used). Model 683-250 is the only S-M Unipac equipped with a volume control.

List Price \$102.55
Stock No. 2941

Your Price
LESS TUBES
Not Wired

60³⁰

List Price \$130.00
Stock No. 2942

Your Price
LESS TUBES
WIRED

76⁴⁵

Model 660-171A Unipac is a single stage push-pull amplifier for UX-112 or UX-171 tubes. A smaller edition of the 681-210 tube delivering about 220 volts at 102 milliamperes. Will furnish B voltage to the receiver as well as ½ volt, 2½ volt A power when A. C. tubes are used in the receiver.

List Price \$66.00
Stock No. 2943

Your Price
LESS TUBES
Not Wired

38⁸⁰

List Price \$76.00
Stock No. 2944

Your Price
LESS TUBES
WIRED

44⁷⁰

Model 662-112 Unipac is essentially Model 660-171A except that a first audio stage is included, so that it resembles 682-210 in that it is a complete two-stage push-pull power amplifier which will operate directly out of a detector tube or from a magnetic record pick-up. It has all the characteristics of 660-171A plus a UX-226 first audio stage tube. For space reasons, the smaller sized S-M audio transformers have been used, giving uniform amplification from 100 to 5,000 cycles, instead of from 30 to 5,000 cycles—a slight loss in lowest bass notes not reproduced by ordinary loud speakers, but more than made up for by the reduced cost. The amplification of the first audio stage is 21 times, so that using one UX-226 and two UX-112A tubes, the over-all gain is about 441 times, and the undistorted power output about 1,200 milliwatts. Model 662-112 is an ideal low cost complete two-stage push-pull power amplifier and ABC power supply for any receiver using A. C. tubes and may be used with A. C. tube harnesses to adapt older battery sets to A. C. operation. It is an excellent low priced phonograph amplifier.

List Price \$68.50
Stock No. 2945

Your Price
LESS TUBES
Not Wired

40³⁰

List Price \$78.50
Stock No. 2946

YOUR PRICE
LESS TUBES
46¹⁵

Model 660-171 Unipac is a lower powered model for use with older receivers to bring tone quality up to modern standards, and do away with B batteries at the least possible expense. It is similar to Model 660-171A in that it is a single stage push-pull power amplifier and receiver B supply only. Using a pair of UX-112 tubes when the 660-171 is to be used as a second audio stage, the voltage amplification is about 21 times and the undistorted power output about 600 milliwatts. For use as a third stage power amplifier with UX-171A tubes, the voltage amplification is about 9 times and the undistorted power output about 1,000 milliwatts. 660-171 provides all the advantages of push-pull amplification at the lowest practical cost.

List Price \$64.00
Stock No. 2947

Your Price
LESS TUBES
Not Wired

37⁶⁵

List Price \$74.00
Stock No. 2948

Your Price
LESS TUBES
WIRED

43⁵⁵



The Vee Dee Unipac Housing for the 660-171A, 662-112 and 660-171 Unipacs.

The Unipacs listed on this page DO NOT include tubes

WESTERN RADIO MFG. CO. Chicago

SILVER-MARSHALL QUALITY PRODUCTS

S-M 670 Reservoir B

A complete "B" unit with fixed voltages of 22, 90, 135 and 180 volts, and one adjustable tap of 22 to 90 volts. Capacity, 60 m.a. Operates any one to ten-tube receiver, using 112 or 171 type power tubes. Sufficient accurate voltage adjustment for safe use of UX-222 (CX-322) screen-grid tubes. Uses 380 or 280 tube.

670-B Kit less tube not wired ready to assemble.

670-B Kit wired, less tubes.

Your Price **19⁴⁰**
List Price \$33.00
Stock No. 2949

Your Price **21¹⁵**
List Price \$36.00
Stock No. 2950



S-M 440 Jewelers Time Signal Amplifier

A direct current powered B. E. amplifier and detector consisting of a local time tuned circuit transformer and 2 tube sockets projects by-passed wind up and control in a compact and heavy construction. Tube sockets automatically shut-off. This unit makes an ideal radio amplifier for the 20-1000 cycle range.

(Tubes Not Included)

List Price \$35.00 Your Price **20⁵⁸**
Stock No. 270

S-M 440-SG Jewelers Time Signal Amplifier

List Price \$40.00 Your Price **23⁵²**
Stock No. 2602

210 Long Wave Transformer

An iron core transformer of exceptional amplification, supplied at any desired peak frequency from 50-60 K. C. for 201-A type tubes, or from 60-70 K. C. for 199 type tubes.

List Price \$6.00 Your Price **3⁵³**
Stock No. 260



S-M Products

329-A Power Transformer

No. 329A used wherever No. 329 is specified, with 313, 380, Q-R-S or Raytheon rectifiers. In addition to B supply, will furnish A and C power to A.C. and power tubes, with cord and plug.

Your Price **6⁴⁷**
List Price \$11.00
Stock No. 274



230 Push Pull Input Transformer

For use in the highest quality Push Pull Power amplifier that can be built as a variable ratio straight audio transformer, 6:1 or 3:1. Center-tapped secondary. In 3:1 ratio same characteristics as No. 220 audio transformer. In 6:1 ratio, secondary inductance 3,600 henries, under operating conditions; secondary D. C. resistance 22,000 ohms.

List Price \$10.00 Your Price **5⁸⁸**
Stock No. 271

231 Push Pull Output Transformer

For use either in conjunction with No. 230, in push pull circuits, or as a straight output transformer similar to the SM No. 221, for by virtue of the center tapped primary of this No. 231 transformer the output impedance of the 112 and 210 tubes or of the 171 tube can be accurately matched. Primary turn ratios 1:1.89 or 1:3.78 variable.

List Price \$10.00 Your Price **5⁸⁸**
Stock No. 272



211 Long Wave Filter

A sharply tuned air core transformer. Supplied tuned with fixed primary capacity, at any desired peak frequency from 50 to 70 K. C. for any type of tubes. Specify if wanted for 201A or 199 Type Tubes.

List Price \$6.00 Your Price **3⁵³**
Stock No. 261

Type 328

Power Transformer
An extra heavy duty power transformer for either full wave or half wave rectification with 316B or 381 rectifier tubes. Will furnish 480 volts at 100 milliamperes. 2 550-volt secondaries; 2 7 1/2 - volt filament windings and 1 1 1/2 - volt filament winding.

Your Price **10⁵⁹**
List Price \$18.00
Stock No. 2603

Type 331

A two winding high inductance filter choke. Its tuned section eliminates the 120 cycle ripple. For use in choke-coupled or impedance amplifiers. Provided with an air gap to prevent saturation. Rated at 85 milliamperes continuous duty. D.C. resistance; primary 4.35 ohms; secondary.

Your Price **4⁷¹**
List Price \$8.00
Stock No. 265

Type 325

Supplies the necessary 1 1/2 and 2 1/2 volts filament lighting required for operation of all A.C. tubes. Furnishes 5 and 7 1/2 volts for filaments of 112, 171 or 210 power tubes. 60 cycle, 105 - 120 volt primary. Electrostatic shield and equipped with cord and plug.

Your Price **4⁷¹**
List Price \$8.00
Stock No. 273

S-M 220 Audie

Provides straight-line amplification from 30 to 5,000 cycles. After 5,000 cycles the amplification falls off rapidly to compensate against static, regenerative squeals and noise level beyond the musical range. Turn ratio 3:1 for both first and second stage operation with any standard tubes.



Your Price **4⁷¹**
List Price \$8.00
Stock No. 262

221 Output Transformer

For use between the last power tube and loud speaker, to prevent "blasting" or damage to the speaker from direct current. This transformer possesses the further advantage of bringing out absent low notes from inferior amplifiers and improving the tone quality of the best transformers.



Your Price **4⁴¹**
List Price \$7.50
Stock No. 263

222 Output Transformer

Equipped with four phone-tip jacks and 5-foot heavy duty extension cord, instead of four binding posts. A handy speaker accessory or "tone filter" that can be instantly attached to any radio receiver, adding many dollars value in tone quality and boosting low note reproduction.



Your Price **4⁷¹**
List Price \$8.00
Stock No. 293

Always First In Values and Quality

SILVER-MARSHALL COILS, SOCKETS CONDENSERS, DIALS

S-M Coils

-Interchangeable

Extremely low loss and uniform moulded bakelite form. Space wound enamel wire. Designed for .00035 condensers with exception of Type 117, which requires a .00014 condenser.

- A-Types 190 to 550 meters
- B-Types 70 to 200 meters
- C-Types 30 to 75 meters
- D-Types 500 to 1500 meters

When ordering please give our stock number and S.M. type numbers to avoid error

Stock No.	Type	Description
243	110	Stator consists of single windings, with an adjustable rotor. Made in A, B, C and D ranges.
244	111	Stator consists of single winding with concentrated primary in slot with adjustable rotor. Made in A, B, C and D ranges.
246	114	Similar to 111, except smaller concentrated primary. Made in A range only. 89 1/2 turns secondary, 40 turns slotted primary, 10 1/2 turns inner primary.
247	115-A	90 1/6 turns secondary. 8 1/2 turns slotted primary.
D-247	115-D	49 5/6 turns inner primary. 13 piles, 20 turns each secondary. 1/2 turns slotted primary.
248	116-A	49 5/6 turns inner primary. 89 5/6 turns secondary. 2 1/2 turns slotted primary.
D-248	116-D	Inner primary: 15 1/8 turns top section, and 19 1/2 turns lower section. 13 piles, 20 turns each secondary. 1/2 turns slotted primary. Inner primary 25 1/6 top section, 24 1/2 lower section.
249	117	Set of four coils for use with 317. (.00014 mfd.) condenser in short wave receivers. Ranges 18 to 32, 30 to 53, 51 to 90 and 85 to 150 meters. Consists of grid and plate windings only for direct antenna coupling using No. 340 condenser.
Your Price \$6.47	Per Set	
List Price \$11.00		
251	118-A	90 1/6 turns secondary. 4 1/2 turns slotted primary. 25 1/8 turns inner primary.

All A, B, C Ranges

Your Price **1.47** List Price \$2.50

D Coil Ranges

Your Price **2.94** List Price \$5.00

S-M 113 Coil Form

Your Price **74c** Unwound Bakelite stator form with rotor. For those wishing to wind their own coils to their own specification. Ideal for experimenters.

List Price \$1.25 Stock No. 245

S-M Socket for Plug-In Coils

Designed for use with the coils shown above. Consists of moulded bakelite ring properly marked, carry six self cleaning contacts. Both coils and sockets are keyed to insure proper insertions.

Stock No. 250 List Price \$1.00

Your Price **59c**



S-M Tube Sockets

Moulded bakelite. Plug-in type. Two mounting screw holes. Copper contacts. 511 type.

Your Price **30c**

Stock No. 257

List Price 50c

5-prong UY-227 type socket for A.C. tubes. Bakelite moulded. 512 type.

Your Price **44c**

List Price 75c

Stock No. 275

S-M Variable Condensers

Straight line frequency type. Rigid solid lacquered plate assembly. Designed for base or panel mounting. Adjustable rotor and stator plates and bearings. Removable steel shaft. Capacity, .00035 mfd.

Stock No. Type Your Price Each

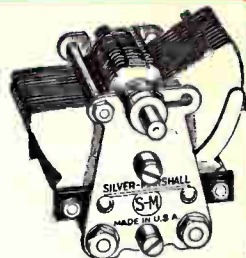
252 316-A As described above; shaft, 3 3/8 in.

253 316-B As above, with 3/8 in. shaft.

254 317 For short-wave tuning, .00014 mfd.

2.65

List Price, Each, \$4.50



S-M Midget Condenser

Type 340

Capacity, .000003 to .000025 mfd., for compensating, balancing antenna coupling, etc. Lacquered brass plates. Bakelite end plate. Panel or sub-base mount.

Your Price **88c**

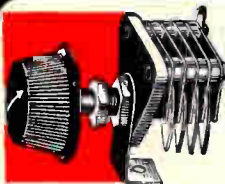
List Price No. \$1.50 Stock No. 256

Type 342

Capacity, .00004 to .000075 mfd. Suitable for all uses where a large midget condenser is required. Panel or sub-base mount.

Your Price **88c**

List Price No. \$1.50 Stock No. 255



DOUBLE LINK

180° monkey motion to connect two condenser shafts for single-dial operation, 10 1/4 x 2 1/4 in.

List Price \$2.00 Your Price **1.18**

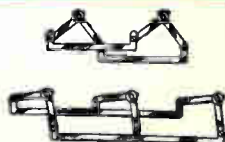
Stock No. 242

TRIPLE LINK

A 180° monkey motion to connect 3 condenser shafts for single-dial operation, 6 3/4 x 2 1/4 in. Can be used on all condensers.

List Price \$2.50 Your Price **1.47**

Stock No. 241



Type 275 Choke Coil

For short-wave use up to 600 meters. Rosin impregnated. Bakelite case. 2 1/2 millihenries.

Your Price **53c**

List Price 90c Stock No. 267

Type 276 R.F. Choke Coil

For long-wave use from 600 to 3000 meters. Bakelite case, two soldering lugs.

Your Price **59c**

Stock No. 268 List Price \$1



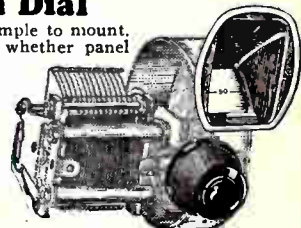
S-M 805 Vernier Drum Dial

Furnished with attractive bronze panel bezel. Simple to mount. Suitable for any type standard shaft condenser, whether panel or subpanel mount. Universal for either right-hand or left-hand position. The dial readings controlled by a panel knob and illuminated, as a lamp bracket is furnished. Size when mounted (excluding window and knob), 4x4x1 1/2 inches.

List Price \$3.00
Stock No. 259

Your Price

1.77



S-M Socket for Plug-In Coils

Designed for use with the coils shown above. Consists of moulded bakelite ring properly marked, carry six self cleaning contacts. Both coils and sockets are keyed to insure proper insertions.

Stock No. 250 List Price \$1.00

Your Price **59c**

S-M 540 Panel Bracket

Your Price **42c** Nickel finished steel. 5 1/8" x 1 1/4" with screws. Can be used for either Sub or Front Panel mounting.

List Price 70c Stock No. 224



S-M 631 Stage Shield

Aluminum case, removable top. Pierced to accommodate S-M Variable condenser, No. 515 Coil socket, tube socket, choke and by-pass condenser. 7 1/2 x 5 x 3 3/4 in. (Shield only)

Stock No 258
List Price \$2.00

Your Price

1.18

S-M 631-A Stage Shield

The 631A stage shield is slightly higher than the 631. It is designed for use with shielded grid tubes.

List Price \$2.00
Stock No. 2601

Your Price

1.18



Kurz-Kasch Vernier Aristocrat Dial

An exceptionally fine appearing dial. Made of genuine bakelite. Highly polished. Simple to mount. No backlash. Reads 0-100-0 and can be used clockwise or counter clockwise. *Specify color when ordering.*

Stock No.	Readings	Color
415	0-100-0	Black
944	0-100-0	Walnut
945	360°	Black
946	360°	Walnut

List Price \$2.00 Your Price **1¹⁸**

DIALS of the Better Kind

Remler Drum Dial

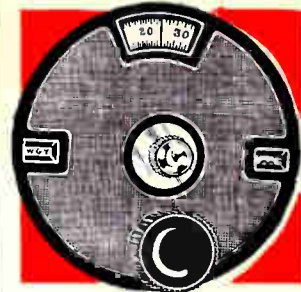
Divided in 200 divisions. Fits each broadcast channel. Gives a full 15 inches of dial space. Calibration strips rigidly mounted, easily removable and renewable. *Call letters may be written in spiral gear drive gives quiet operation. Sockets and 6 coil lamp furnished for illumination. Easily mounted. Will drive all standard condensers either single or in gangs. Made for right or left hand mounting. Mounting template included.*

Stock No. 949 Right Hand Mounting

Stock No. 950 Left Hand Mounting

List Price \$4.50

Your Price **2⁶⁵**

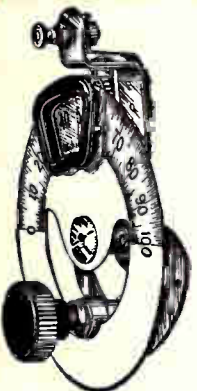


Marco 4" Vernier

Two openings in the face of the housing permit recording of call letters. Genuine black bakelite housing. Made in three models. No back-lash.

Stock No.	Type
408	203 Clockwise 100-0
409	192 Counter Clockwise 0-100
947	210 360°

Your Price **1¹⁸** List Price \$2.00



Marco Illuminated Vernier Dial

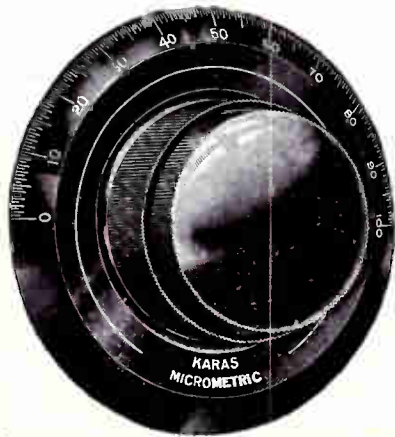
Made in clockwise and counter clockwise types. Control mechanism has universal mounting bracket. Provided with light switch, 6-volt indicator lamp, bakelite bezel, celluloid precision dial and template. *Easy to mount on any set. Instruction book included.*

Your Price **1⁷⁷**

Stock No.	Type	List Price
411	220 0-100	\$3.00
410	221 100-0	\$3.00

Karas Micrometric

Hair-line precision. No friction gears to wear loose. Dial turns easily in either direction. No back-lash. Dial markings and numerals gold inlay. 4½ inch diameter. All black bakelite. Ratio 63 to 1.



Your Price

2⁰⁶

List Price \$3.50

Stock No. 413

Pilot Kilograd

Your Price

59^c
List \$1.00
No. 414



An excellent low priced vernier dial. Ratio 10 to 1. Double calibration. Readings 0-100 and 100-0. Made of genuine bakelite.

Pilot-Lite Dial

Your Price

99^c
List \$2.25
Stock No. 948



Provided with a lamp operated from "A" battery which shines through the transparent graduated scale. Provided with a switch to control lamp. Contact point insulated from frame. Smooth working drive without back-lash. Drilling template furnished.

New Marco Dials



Has a double scale for accurate, quicker and easier tuning. No back-lash. Mounts in single hole in panel. Comes with or without Illuminated Dials.

Stock No.	Type	List Price	Your Price
2647	Not Illuminated	\$2.50	\$1.47
2648	Illuminated	3.00	1.77

New HAMMARLUND Drum Dial

The new Hammarlund Drum Dial gives to any receiver the professional stamp of aristocracy. The bronze escutcheon plate, embossed and oxidized, endows the panel with a classic beauty. *Adaptable to all standard panel proportions.*

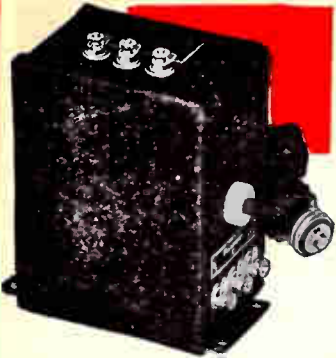
Your Price **\$3⁵³**

Stock No. 2698 List Price \$6.00



Always First In Values and Quality

THORDARSON Kits and Units



Thordarson R-210 B Eliminator and Power Supply Kit —Complete with Tubes

Your Price

32³⁵

Stock No. 149

A proven power supply that furnishes complete current for operating a receiver when operating from electric light socket.

Parts	List Price
1 R-210 Thordarson Power Compact	\$20.00
1 R-210 Tube Block	13.00
1 R-508 3445 Thordarson Resistor Kit	4.90
1 CX-316 Rectifying Tube	7.50
1 CX-374 Voltage Regulator Tube	5.50
2 Benjamin UX Sockets	1.50

List Price, **\$52.40**

Parts for Power Amplifier Stage

1 CX-310 Tube	\$ 9.00
1 1000 Ohm Ward Leonard Resistor	1.25
1 Thordarson R-200 Transformer	8.00
1 Thordarson B-76 Transformer	6.00
1 Benjamin UX Socket	.75

Your Price

15⁵⁹

List Price \$25.00 Stock No. 150

Thordarson R-171 Power Amplifier and B Eliminator Kit Complete with B. H. Raytheon and UX171 Tubes

Your Price

28⁷⁶

Stock No. 151 List Price \$48.15 **\$48.15**

1 Thordarson Power Compact R-171	\$15.00
1 Thordarson Output Choke R-196	5.00
1 Thordarson Resistance Unit R-508-1	2.15
1 B. Condenser Block (Tobe Deutchman R-171)	12.00
1 2 mfd. Condenser, 200 D. C. Working Volts	1.75
2 Benjamin UX Tube Socket	1.50
1 Thordarson Power Input Plug R-172	1.00
5 Binding Posts	.75
1 Raytheon Rectifying Tube, B. H.	4.50
1 Power Amplifying Tube UX-171	4.50

R-171 'B' Eliminator Kit with B. H. Raytheon Tube

Your Price

20⁵⁰

Stock No. 152 List Price \$34.85 **\$34.85**

1 Thordarson Power Compact R-171	\$15.00
1 Thordarson Resistance Unit R-508-1	2.15
1 B. Condenser Block (Tobe Deutchman R-171)	12.00
1 Benjamin UX Tube Socket	.75
3 Binding Posts	.45
1 Raytheon Rectifying Tube, B. H.	4.50

R-171 Power Amplifier Kit with UX-171 Tube

Your Price

8²⁶

Stock No. 153 List Price \$13.30 **\$13.30**

1 Thordarson Output Choke R-196	\$ 5.00
1 2 mfd. Condenser, 200 D. C. Working Volts	1.75
1 Benjamin UX Socket	.75
1 Thordarson Power Input Plug R-172	1.00
2 Binding Posts	.30
1 Power Amplifying Tube UX-171	4.50

Thordarson Output Resistor Kit for 210 Type Power Amplifiers R-508-3445

Can be used on all similar devices using UX-874 voltage regulator tube. Contains 4 resistors. Intended to supply 40-90-135 and 400 volts and 20 volts grid bias for UX-210 Power tube.

List Price \$4.90

Stock No. 160

2⁸⁹



Thordarson 130MA Full Wave Rectifier Transformer T-2098

For use with 2 UX-216-B or 2 UX-280 rectifying tube. Primary 110-115 volts. 50-60 cycles. Secondary No. 1—550 volts each side of center tap. Secondaries No. 2 and No. 3, 7½ volts. 2½ amperes with center tap. Crackle finished compound filled case. 4½ in. x 5¼ x 5¼ in.

Your Price

11⁷⁶

List Price \$20.00
Stock No. 155



Thordarson Double Choke Unit

The Thordarson double choke unit T-2099 is intended primarily for use with transformer T-2098 but may be used in the filter circuit of any similar rectifier. It consists of two 30 henry choke coils capable of carrying 130 milliamperes without heating or saturation of the core. This unit is contained in a crackle finished compound filled case.

Dimensions 3¼ in. x 4⅞ in. x 5⅝ in. high.

Stock No. 154 Type T-2099 List Price 14.00



Your Price

8²⁴

Thordarson A. C. Tube Filament Supply

The Thordarson transformer T-2445 is designed for A. C. Filament Tubes. Three separate filament windings are provided. Secondary No. 1, 1½ volts will supply six UX-226 amplifier tubes; Secondary No. 2, 2 volts, will supply two UX-227 detector tubes; Secondary No. 3, 5 volts, will supply two 5 volt power tubes. Has a receptacle for B-supply plug. 6 ft. cord and plug for attachment to light circuit. 110-115 volts, 60 cycle. 2¾ in. x 5¼ in. x 4¼ in.

Stock No. 159—Type T-2445

Your Price

5⁸⁸

List Price \$10.00



Thordarson 5-Volt Filament Supply Transformer T-2180

Should be used on all power amplifiers employing more than one power tube (the filament supply of our R-171 Power Compact is intended for only one power tube). Specifications; Primary, 110-115 volts, 50-60 cycles. Secondary, 5 volts, 2 amperes, tapped at exact electrical center for grid return. Shielded. Primary supplied with cord and separable plug. Dimensions 3¾ in. x 2½ in. x 3¼ in. high.

Stock No. 156

List Price \$5.00



Your Price

2⁹⁴

Thordarson Power Input Plug R-172

This plug makes a convenient method of connecting the power amplifier to the receiver. Takes signals ordinarily impressed on the grid of the last audio tube and transfers it to the grid of the power tube mounted in the amplifier. Plug is equipped with three-foot cord.

Your Price

60c

Stock No. 157
List Price \$1.00



WESTERN RADIO MFG. CO. Chicago

THORDARSON Transformers



Your Price

4.72

List Price \$8.00
Stock No. 200

Thordarson R-200 All Ratio

An exceptional audio transformer that has proven its efficiency in thousands of sets. Amplifies clearly without distortion. Excellent performance characteristics. Fully shielded.



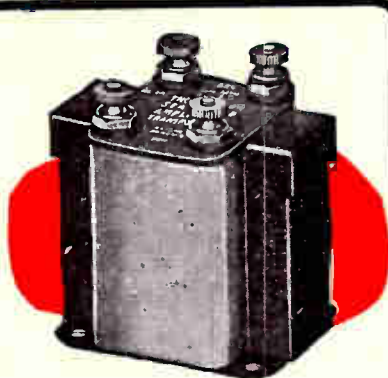
Your Price

2.94

List Price \$5.00
Stock No. 331

Thordarson Autoformer

An outstanding Thordarson development. All notes—high and low are amplified with proper force. Fully shielded. Plainly marked and conveniently located binding posts. Improves the efficiency of any set.



Thordarson Audio

Instrument noises *entirely eliminated*. Plainly marked accessible terminals. Shielded to prevent interstage coupling. Used as standard in many manufactured sets.

Stock No.	Ratio	List	Your Price
325	3½:1	\$4.00	\$2.36
326	6:1	4.50	2.65
327	2:1	5.00	2.94

Thordarson Sub-Panel Audio

A special construction to permit sub-panel mounting with binding posts facing downward. Same design as above.

Stock No.	Ratio	List	Your Price
328	3½:1	\$4.00	\$2.36
329	6:1	4.50	2.65
330	2:1	5.00	2.94

Thordarson Choke Coil

R-196-30



Can be used for filter purposes or as an output choke to protect the loudspeaker against excessive voltage. 30 henries inductance.

360 ohms D C Resistance, 80 milliamperes capacity. Steel case.

Your Price

2.94

List Price \$5.00
Stock No. 333

Thordarson Speaker

Coupling Transformer R-76

Adapted for use with UX-171 and UX-210 power tubes. Designed for use as an output transformer from the receiver to protect the loudspeaker unit from the high voltage of power amplification. It pays to use this unit as insurance against damage to the costly and delicate speaker.



Your Price

3.53

List Price \$6.00
Stock No. 324



Thordarson Power Push-Pull Transformer and Choke

This Thordarson combination produces quality reproduction when straight audio amplification fails. Designed for use with power tubes only with capacity sufficient for all power tubes up to and including UX-210. Makes an efficient power amplifier when used with Thordarson Power Compacts R-171 and R-210 or Power Supply Unit T-2098.

Your Price

4.72

List Price \$8.00

Stock No.	Type
311	T-2408-Input Transformer.
312	T-2420-Output Choke.

Muter Audio Transformers

A highly efficient transformer. Silicon steel core. Impregnated coils. Shielded construction accessible binding posts.

3-1 Ratio

Your Price

1.20

List Price \$2.00
Stock No. 313



5-1 Ratio

Your Price

1.35

List Price \$2.25
Stock No. 314

Always First In Values and Quality



Your Price

4⁷¹

List Price 8.00
Stock No. 29

KARAS Output Filter

This fine instrument puts an end to unpleasant harshness and chattering of the loud speaker due to excessive "B" Battery voltage. Side tracks the direct current component of the plate current. This leaves only the A.C. component which is essential to loud speaker operation.

TRANSFORMERS of QUALITY



KARAS Harmonik

This fine audio transformer has proven its efficiency in countless circuits. Amplifies even extremely low tones with great volume, as well as the harmonics and over tones that combine to form musical sounds. **Every tone is distinct, definite and natural.**

Your Price **2⁹⁴**

List Price \$5.00
Stock No. 346

Your Price

4⁷¹

List Price 8.00
Stock No. 28



KARAS Audio Type 28

Set builders like the compactness of the new KARAS 28 Audio. Cylindrical shape permits close spacing. Being completely shielded, the case of one transformer can come in actual contact with the other. Gives full, clear undistorted amplification of both low and high notes.



Your Price

2⁶⁵

List Price 4.50
Ratio 3-1 Stock No. 334
Ratio 5-1 Stock No. 335

All-American Audio Hermetically Sealed

Will not break down from rust or electrolysis. Moisture proof sealing compound fills heavy steel shell and protects delicate wiring from moisture and climatic conditions. A proven instrument.



Your Price

12⁹⁴

List Price \$22.00
Stock No. 112

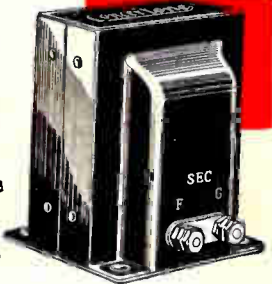
Victoreen Transformer

Consists of two stages of audio amplification in one case. Offers exceptional tonal qualities and volume. Free from distortion. Designed to handle up to 400 volts of "B" Battery Supply. Will show a marked improved tone on any loud speaker.

Your Price

3⁵³

List Price \$6.00
Stock No. 349



Jefferson Concertone

Amplifies notes of all frequencies equally thus producing pure undistorted tones. Concertone has amplification curve that is practically straight from 30 to 10,000 cycles. This means that all musical notes are received exactly as broadcast.

All-American Rauland-Lyric

The Rauland Lyric is one of the few transformers that has stood the test of service in all circuits. Radio set builders are familiar with the exceptional quality of the master unit.



Your Price **5³⁰**

List Price \$9.00
Stock No. 338



All-American Self-Tuned R. F.

Amplifies all frequencies in broadcast range. Designed to match characteristics of 199 and 201 tubes.

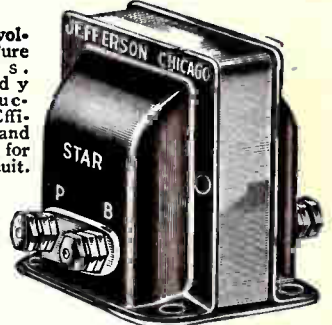
Stk. No.	Type Tubes
341	199
342	201

Your Price

2³⁶

List Price \$4.00

Big volume. Pure tones. Sturdy construction. Efficient and reliable for any circuit.



Jefferson Star Audio

Stock No.	Ratio	List	Your Price
347	3-1	\$2.75	\$1.85
348	6-1	3.00	1.80



Remler Transformer

The original transformers specified in Best's Super, in the Citizens Super 8 and Citizens Super 9. Also specified in the Popular Mechanics Super. 45 kilocycles. High amplification. Accurately matched. Moulded bakelite case.

Stock No.	Type	List Price	Your Price
318	600	\$6.00	\$3.53
319	610	5.00	2.94
320	620 (Camfield Oscilla- tor Coil to Match)	3.50	2.10

Transformers and Chokes

Ferranti Transformer

Audio frequency type. A superior transformer designed to produce true depth and tone quality. Reproduces low notes at the organ, high pitch notes of the flute and the human voice, with remarkable trueness.

Stock No.	Type	List Price	Your Price
315	AF-3	\$12.00	\$7.06
316	AF-4	8.50	5.00



Ferranti Output Transformer

Type No. AF-1
Your Price

5⁸⁸

List Price \$10.00
Stock No. 317

Meloformer Audio Transformer

A transformer built in a new way. Solid iron core. Eliminates distortion. 1/8" iron shield prevents interstage coupling. Double insulated wire. Ratio 4 to 1. Compact construction makes this transformer an ideal unit for set builders.

Your Price

2⁹⁴

List Price \$5.00

Stock No. 322



Your Price

2¹⁰

List Price \$3.50

Stock No. 320

Camfield Type 620 Coupling Unit

Similar to the ones specified in the famous Best 45,000 Cycle Super. Specified for use in the Camfield Super Selective 9 and a number of other Supers recently described in the Citizen's Radio Call Book.

Samson R. F. Choke

For use to keep out radio frequency currents. Has inductance which offers a high impedance to alternating currents.

Stock No.	Type	List Price	Your Price
379	85	\$2.00	\$1.30
380	125	2.25	1.46

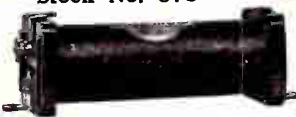


Samson Audio Frequency Choke

For use in audio frequency amplification as a stabilizer. Overcomes howls and distortion. Recommended for use with 'B' Battery Eliminators.

List Price \$3.25
Stock No. 378

Your Price **2¹¹**



Samson Audio Transformer



A helical wound hermetically sealed transformer. Insures perfect amplification without distortion.

Your Price

3²⁵

List Price \$5.00

Stock No.	Type	Ratio
364	HWA-3	2-1
365	HWA-3	3-1

Hammarlund R. F. CHOKE COILS

Used in the plate circuits of detector tubes, in the B plus and grid leads of radio frequency tubes, and many other ways.

Stock No.	Type	List Price	Your Price
396	RFC-85	\$2.00	\$1.20
397	RFC-250	2.25	1.35



List Price \$10.00

Camfield Duoformer Kit

Your Price

5⁸⁸

Stock No. 518

Consists of three coils. A non-oscillating radio frequency transformer. Low loss moulded bakelite frame. Covers full broadcast range when used with .00035 condensers. Kit consists antenna coil and two interstage transformers. Matched units.

Your Price **53^c**

List Price 90c
Stock No. 362



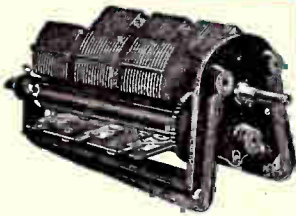
Remler Choke Coil

Limits radio frequency currents to certain paths. Prevents generation of high parasitic frequency. Moulded bakelite case. 1" deep and 1" diameter.

Always First In Values and Quality

Condensers for Better Tuning

REMLER Condensers



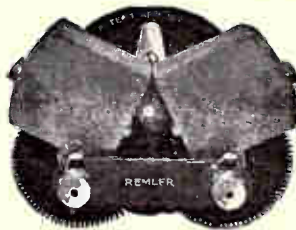
3-In-Line Condenser

Consists of three standard twin rotor condensers on one shaft for single dial control receivers. All units are accurately balanced and matched. No body capacity. No grid to grid coupling Built-in compensating vernier condenser. Very rugged construction. An exceptionally efficient unit just introduced by capable Remler Engineers. Straight line characteristics.

Stock No. Type Capacity
38 633—S. L. Wave Length...00035

Your Price **8⁸²**
List Price \$15.00

Geared Condenser No Dial



Your Price

2⁹⁴

List Price \$5.00

The popular Twin Rotor Condenser. Both rotors revolve and mesh into each other. Large bearing surface. No backlash. Easy tuning on short wave lengths made possible by 360° dial motion. No body capacity. Recommended for use on all Super-Heterodyne Circuits.

Stock No.	Type	Capacity	Type
31	638	.00035	S. L. Wave Length
32	639	.0005	S. L. Wave Length
33	648	.00035	S. L. Frequency
34	649	.0005	S. L. Frequency
35	659	.0001	S. L. Frequency



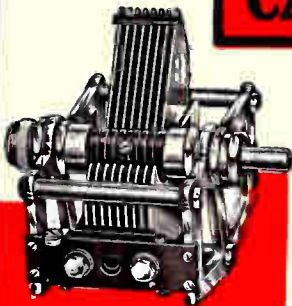
2-In-Line Condenser

Consists of two Twin Rotor Condensers on one shaft. Accurately matched capacities. Built-in compensating vernier condensers. Substantially made. Two types; Straight-Line-Frequency and Straight Line Wave Length. No body capacity and no grid to grid coupling. A favorite unit of set builders.

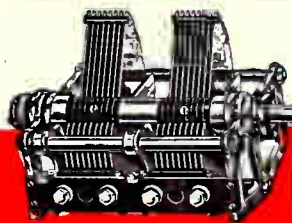
Stock No. Type Capacity
36 632—S. L. Wave Length .00035
37 642—S. L. Frequency . . .00035

Your Price **7⁰⁶**
List Price \$12.00

CAMFIELD EQUALTUNE Condensers



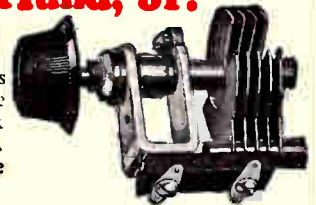
Made in single, double and three, four and five-gang units. Specially designed for multiple circuit tuning with a single control. Combinations of the three Camfield units makes it possible for any number of circuits to be controlled by one dial. Provided with adjustment feature which makes possible perfect equalization of all circuits after the receiver has been completely wired. This eliminates the need of vernier or trimmer condensers. Rotor mounted on ball bearings. Smooth operating and efficient.



Stock No.	Type	Gang	Capacity	List Price	Your Price
182	151	Single	.00015	\$5.00	2.94
183	251	Single	.00025	5.50	3.24
184	252	Two Gang	.00025	10.00	5.88
185	253	Three Gang	.00025	14.00	8.24
186	351	Single	.00035	5.75	3.30
187	352	Two Gang	.00035	10.50	6.18
188	353	Three Gang	.00035	15.00	8.82
189	354	Four Gang	.00035	18.00	10.50
190	355	Five Gang	.00035	21.00	12.35
191	501	Single	.0005	6.00	3.53
192	502	Two Gang	.0005	11.50	6.77
193	503	Three Gang	.0005	16.00	9.41

Hammarlund, Jr. Midget

Soldered brass plates. Cone bearings. Clock spring pig tail. Single hole mounting.



Stock No.	Type	Capacity MFD	List Price	Your Price
681	MC-5	16	\$1.50	.90
682	MC-9	32	1.50	.90
683	MC-11	50	1.75	1.05

Hammarlund Equalizer

Type E. C. Equalizer.

Your Price **32c**

Stock No. 684
List Price 50c



Hammarlund Condenser Coupling

An insulated flexible coupling for ganging condensers for unit control. Type F. C.

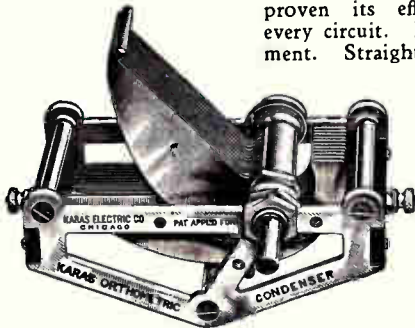
Your Price **39c**

Stock No. 653
List Price 60c



Condensers at Attractive Prices

KARAS Orthometric

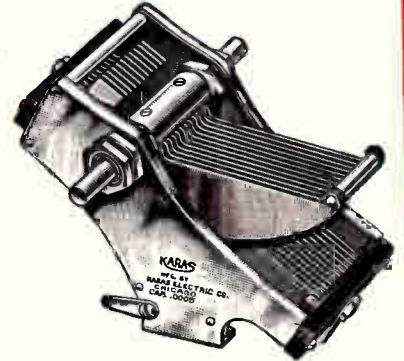


The Karas Orthometric Condenser has proven its efficiency in practically every circuit. It is a precision instrument. Straight-Line Frequency characteristics eliminates crowding of stations at any part of the dial. Increases set selectivity and simplifies tuning. Resistance has been reduced to lowest degree. Brings in signals powerfully. An established unit that can be used anywhere good results are desired.

Stock No.	Plates	Capacity Mfd.	List	Your Price
632	23	.0005	\$7.00	\$4.12
633	17	.00037	6.75	3.97
634	11	.00025	6.50	3.82
635		.0001	6.50	3.82
636		.00014	6.50	3.82

KARAS Condensers

A new KARAS development. Special shape of frame serves as aid in assembling. Condenser works perfectly in any position. May be mounted directly on base board or panel. Single hole mount permits the condenser to be mounted from either side for use with 0-100 or 100-0 dials. Straight-Line Frequency characteristics.



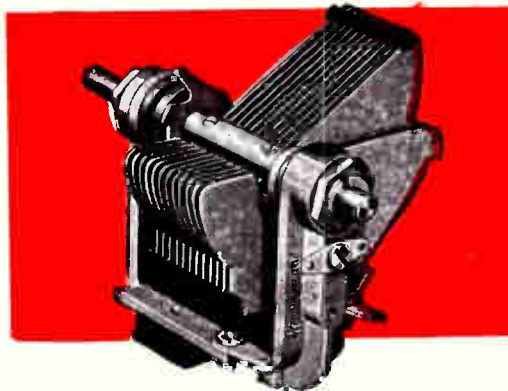
Stock No.	Capacity Mfd.	List	Your Price
608	.00025	\$5.00	\$2.94
609	.00037	5.25	3.09
610	.0005	5.50	3.24

Benjamin

Straight Line Frequency Condenser

Spreads broadcast frequencies over entire range of the dial thus improving selectivity. An extremely compact unit. Single or three hole mounting. Ball bearing rotor shaft permits smooth operation. Minimum insulation used. Low loss. Shield eliminates hand and body capacity. Brass plates, bright dipped.

Stock No.	Capacity Mfd.	List	Your Price
9080	.00025	\$3.50	\$2.06
9081	.00035	3.75	2.21
9082	.0005	4.00	2.35



HAMMARLUND

New Midline Condenser

Avoids crowding at any part of the scale thus aiding tuning ease and set selectivity. Adjustable ball and cone bearings. Full floating rotor shaft. Length may be adjusted without cutting to accommodate any type dial. Very compact and substantial. The finest condenser ever produced by Hammarlund.

Stock No.	Type	Capacity Mfd.	List	Your Price
622	ML-23	.0005	\$5.50	\$3.30
623	ML-17	.00035	5.25	3.15
624	ML-11	.00025	5.00	3.09
625	ML-5	.0001	4.75	2.85

Multiple Condenser

626	Double	.00035	8.75	5.25
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MLD.17

Pilot Capacigrad

Straight Line Frequency Condenser

Builders of compact sets will use the Pilot Capacigrad because of its small size and efficiency. Metal end plates. Properly spaced rotor and stator plates. Spreads broadcast frequencies over entire range of dial and makes set easier to tune.

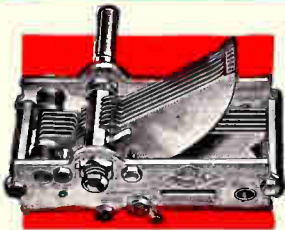
Stock No.	Plates	Capacity Mfd.	List	Your Price
637	23	.0005	\$2.75	\$1.35
638	17	.00035	2.50	1.28
651	13	.00025	2.75	1.21



Always First In Values and Quality

Values In Variable Condensers

AMSCO Condensers



Amsco Allocating Condenser

A straight-line-frequency condenser that permits uniform dialing throughout 180 deg. grounded rotor. Aluminum outer frame. Hand capacity eliminated. Stop studs at zero and full scale positions. Flexible pigtail connection. Chrome nickel needle steel rotor shaft. An efficient, popular instrument.

Stock No.	Type	Capacity	List	Your Price
641	23	.0005	\$3.50	\$2.06
642	17	.00035	3.00	1.77
643	11	.00025	2.75	1.62
662	7	.00015	2.75	1.62

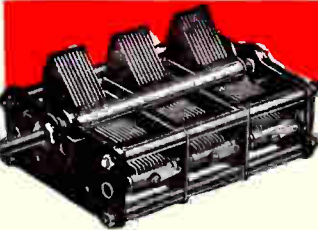
DOUBLE Condenser



A twin condenser mounted on one shaft for single dial control. Straight-Line-Frequency characteristics. Flexible pigtail connections. No hand capacity. Stops at zero and full scale positions. .00035 capacity.

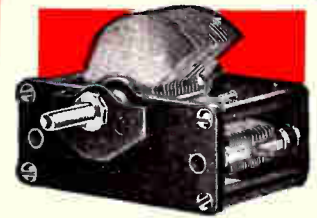
Your Price **3⁵³** List Price \$6.00
Stock No. 644

AMSCO Triple Condenser



Three condensers mounted on one shaft for single dial control. Straight-Line Tuning characteristics. Each section provided with a variable compensating condenser to balance capacity of circuit. A very sturdily built unit that will give excellent results in any hookup.

Stock No.	Type	Capacity	List	Your Price
656	1518	.00035	\$ 9.75	\$5.74
657	1526	.0005	11.25	6.62

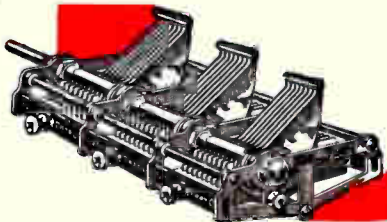


AMSCO Straight Tuning Line

A specially designed frequency line condenser which allocates stations on the dial in equal wave length divisions. Rugged construction. Common stators. Insulated rotors. Smooth operating bearings. Single hole mountings. Low loss. A reliable instrument.

Stock No.	Plates	Capacity	List	Your Price
652	514	.00025	\$3.00	\$1.77
654	518	.00035	3.25	1.92
655	526	.0005	3.75	2.21

DEJUR Variable S. L. F. Condenser



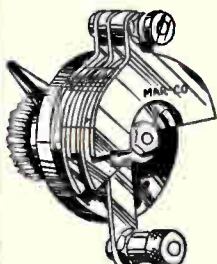
Made single, double and triple. Condenser frame grounded to rotor, eliminates hand capacity. Uniform spacing. Nickel plated brass end plates. Pig-tail spring connector. Low minimum capacity.

Stock No.	Mfd.	List Price	Your Price
1090	.00014. Single	\$3.00	\$1.65
1091	.00025. Single	3.00	1.65
1092	.00035. Single	3.25	1.75
1093	.0005. Single	3.50	1.90
1094	.00035. Double	6.50	3.60
1095	.00035. Triple	9.75	5.40

MARCO Super Vernier

Neutralizing condenser particularly adapted for Browning-Drake Circuit. Widely spaced terminals genuine bakelite knob. 1 3/8 in. diameter.

List Price \$1.25 Your Price **75^c**
Stock No. 648



CHELTON Midget

For vernier or neutralizing purposes. Capacity. 0.00045 mfd. Efficient and well made. Knurled tapered knob with indicator.

List Price 1.50 Your Price **90^c**
Stock No. 650



X-L Variodenser For Accurate Adjustment

For use where accurate values and adjustments are required. Genuine bakelite casing. Metal parts are phosphor bronze, nickel plated. Best imported India mica. Dust and moisture proof case. Broad and positive capacity range adjustment. Endorsed by leading radio authorities.



Variable capacity adjustable from 1.8 to 20 mfd.

List Price \$1.00 Your Price **59^c**
Model "N"
Stock No. 404



Stock No.	Model	Capacity range mfd.
405	G-1	.00002 to .0001
406	G-5	.0001 to .0005
407	G-10	.0003 to .001

List Price \$1.50 Your Price **88^c**

Reliable Sockets and Adapters



Benjamin Cushion Socket for UX Tubes

SPRING SUPPORTED SHOCK ABSORBING

Shock absorbing socket that gives longer life and protects the tubes from sudden impacts. Eliminates tube noises. Positive tube-to-terminal connection. Moulded bakelite highly polished.

Your Price **44c**
List Price 75c
Stock No. 420

BENJAMIN Clearatone Sockets



Cushion Sub-Panel Mount Socket

Your Price **29c**
List Price 50c
Stock No. 425

Fits all UX type tubes. Compact and neat appearing. Made of moulded bakelite. Tinned soldering terminals. Shock absorbing. Eliminates tube noises.



Cushion Standard Base Socket

Your Price **41c**
List Price \$1.00
Stock No. 421

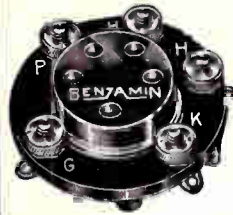
Spring supported. Eliminates tube noises. Fits all C-300, C-301A, UV200, UV201A, and Raytheon tubes. Made of moulded bakelite highly polished. Positive tube to terminal connection.

5 Prong "Y" A. C. Cushion Type Sub-Panel Mount



Your Price **53c**
List Price 90c
Stock No. 9037

This socket is intended for use with A.C. tubes only. The tube holding element floats on perfectly balanced springs, thus eliminating microphonic noises. Tinned soldering terminals.



5 Prong "Y" A. C. Cushion Type Base Mount Socket

Your Price **71c**
List Price \$1.20
Stock No. 9036

This socket is intended for A.C. tubes only. Shock absorbing. Compact and neat appearing. Made of moulded bakelite. Nickel plated screws and nuts tinned soldering terminals. Positive tube to terminal connection.

Amsco Floating Socket

Will fit all CX and UX tubes. Prevents tube noises. Made of genuine bakelite. Handy solder contacts.

Your Price **59c**
List Price \$1.00
Stock No. 422



Amsco Universal Tube Socket

List Price 50c
Your Price **30c**
Stock No. 479

Eby Socket

Made for base or sub-panel mounting. Wiping spring contacts. Perfect tube to terminal connection.

Your Price **26c**
List Price 40c
Stock No. 434



Remler Socket



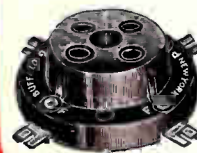
Your Price **30c**
List Price 50c
Stock No. 419

Smooth operation assured by perfectly aligned contacts. Made of moulded bakelite. Designed for use with X-type tubes.

Buffalo Socket UX Type

Very compact. Phosphor bronze springs. Genuine bakelite. Easily accessible solder terminals.

Your Price **15c**
List Price 25c
Stock No. 418



Buffalo UX Cushion Socket

Sponge rubber cushion protects tubes and prevents tube noises. Made of moulded bakelite Phosphor bronze contacts.

Your Price **21c**
List Price 35c
Stock No. 475



Frost Adapter UV or C Tubes

Genuine bakelite. UV or C-299 tubes to 201A socket.

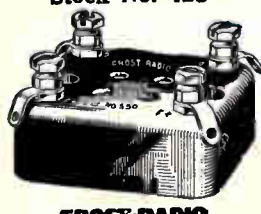
Your Price **36c**
List Price 60c
Stock No. 321



Frost UX Socket

For all UX tubes. Genuine bakelite.

Your Price **24c**
List Price 40c
Stock No. 423



UV to UX Adapter

Bakelite construction. Converts UV base sockets to take CX and UX-199 type tubes.

Your Price **15c**
List Price 25c
Stock No. 424



Always First In Values and Quality



Your Price
2³⁶

List Price 4.00
For .0005 Cond.
Stock No. 934
For .00035 Cond.
Stock No. 935

Universal Antenna Coupler

Highly efficient and low loss. Variable primary, maintains its efficiency, easy to mount. For 201-A, 199, 112, the new 240 and the new A.C. tubes.

AERO COIL
SUPER-SENSITIVE



Your Price
8⁸² SET OF
4 COILS
List Price 15.00

For .0005 Cond. Stock No. 932
For .00035 Cond. Stock No. 933

AERO Tuned Radio Frequency

Kit consists of four twice matched units; one Aero Antenna inductances, with variable primary and three aero universal radio frequency transformers. Adaptable to 201-A, 199, 112, the new 240 tubes and the new A.C. tubes. Wide tuning range from below 200 to above 550 meters. Improves the selectivity, tone and range of any receiver. All units carefully matched throughout broadcast range.

Your Price
2³⁶

List Price 4.00
Stock No. 938
For .0005 Cond.
Stock No. 939



Universal 3 Circuit Tuner

Aero Universal Coil increases the efficiency of any 3-circuit regenerative set, adaptable to 199, 201-A, 112 and new A.C. tube. Variable primary.

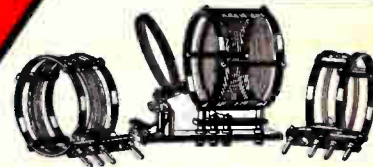


Aero Tuned R. F. Kit

Your Price
7⁰⁶

List Price 12.00
Stock No. 510

Aero coils have been adapted by U. S. Government Broadcasting Stations, University Laboratories and other experts who demand the highest in quality. Three matched coils, antenna coupler has variable primary, comes with complete instructions for building the 5-tube aerodyne to be used with .00035 condensers.



Aero Short Wave Kit

Your Price
7³⁴

List Price 12.50
Stock No. 511

A complete interchangeable system, three coils with range from 15 to 130 meters. Base mounting covers U. S. bands 20, 40 and 80 meters. Uses .00014 condenser on secondary and .00025 on feed back.



Your Price
2³⁶ Each

List Price \$4.00

Aero Interchangeable Coils

Coils No. 4 and No. 5 increases range of short wave tuner. Combined range 125 to 550 meters. Highly efficient.

Stock No.	Range
Coil No. 4	120 to 250 meters
Coil No. 5	235 to 550 meters
Coil No. 6	0 to 15 meters

Your Price
4⁷¹ Aero R. F. Regenerative Kit

List Price 8.00

For .0005 Cond. Stock No. 940
For .00035 Cond. Stock No. 941



Consists of an Aero Radio Frequency Transformer and an Aero Universal 3-circuit tuner. Increases the efficiency of any set. Uses 201 A, 112, 199 and new A.C. tubes. Easy to mount and connect.

Aero Universal Wave Trap Unit

Set interference can be eliminated by the use of Aero wave coil. Can be used to increase efficiency of any crystal set. 201 A, 199, 112, the new 240 and the new AC tubes. Low distributive capacity and low high frequency resistance.



Your Price
2⁸⁰
List Price 4.00
For .0005 Cond. Stock No. 936
For .00035 Cond. Stock No. 937

Your Price
SET OF
3 COILS
7⁰⁶

List Price 12.00

Stock No. 930 for .0005 Condensers
Stock No. 931 for .00035 Condensers



Aero 3-Circuit Tuner

Low loss, variable primary, uses .00035 condenser, very efficient.

Your Price
3²⁴

List Price 5.50
Stock No. 513



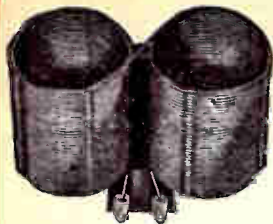
Aero Choke Coils

Made in two types.
Stock No. Type
942 Tuned R. F. choke.
943 Short wave choke for high frequencies.

Your Price
88c

List Price 1.50





Your Price
Kit of 3
Coils

4⁴¹

List Price
7.50
Stock No.
989

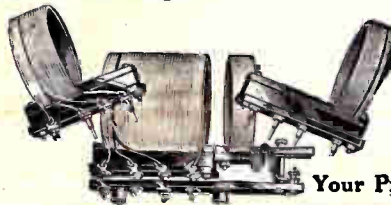
Benjamin Lekeless T. R. F. Transformer

Designed for all types of tuned radio frequency circuits. Used successfully in multi-stage circuits, and as an intermediate frequency transformer. Also used as an antenna coupler and as a wave trap. Used with .00035 condensers. Green silk wire. Kit consists of three coils.

COILS

Scientifically Designed

Twin Coupler—Short Wave



Your Price

3⁷⁵

Space wound. Solid bakelite mounts with plugs and tip jacks moulded within the bracket. Adjustable primary coil for correct coupling. Consists of No. 1 coil used as a primary, No. 2 coil range 19 to 58 meters, No. 3 coil range 38 to 105 meters, No. 4 coil range 86 to 220 meters. Must be tuned with .00014 mfd. condenser. Fixed tickle coil must be controlled by an 11 plate .00025 mfd. condenser.

List Price

6.50

Stock No.

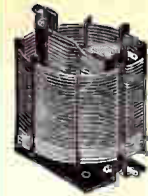
990

Ellis "D" Coil

Your Price
Set of 3 Coils

4⁴¹

List Price 7.50



Minimum internal distributed capacity air space wound. Wide spacing of terminals and Pyralin fittings eliminates leakage. "D" form eliminates interstage coupling. Shielding or position adjustments not necessary. Can be used in all circuits.

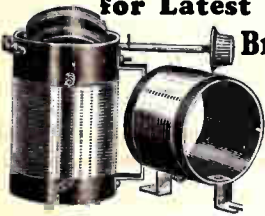
Stock
No.

991
992

Capacity

.00035
.0005

Twin Coupler Coils for Latest Type



Browning- Drake

Used in
the latest type
Browning

Drake Circuit. Wound with No. 24 enamel wire on threaded tubing. Antenna coil is wound on 3" tubing, 2 1/2" long and is tuned with .0005 mfd. 23 plate condenser. Regenerative radio frequency coil is wound on 3" tubing 4 1/2" long and is tuned with a .00035—17 plate condenser.

Your Price

List Price 6.50
Stock No. 503

3³⁷



Twin Coupler T. R. F. Coils

Wound on solenoid bakelite forms. Green silk wire. Neutralizing taps. Supports for mounting on condenser or baseboard. Used with .00035 variable condenser. Kit consists of three coils.

List Price 4.50
Stock No. 522

Your Price
Set of 3
Coils

2⁷⁵



Twin Coupler Baby Low Loss T. R. F. Coils

Compact tuned radio frequency coil. Three coils to a kit. Low loss basket weave in solenoid form. Easy to mount. To be used with .00035 variable condensers. For compact set construction.

List Price 2.25
Stock No. 524

Your Price
Per set
3 coils

1¹⁶



Baby Slotted Formalite Three Circuit Tuner

Your Price

96c

List Price 2.00
Stock No. 993

Extremely compact. Only 2 7/8" long by 2 3/8" diameter. To be used with .0005 mfd. 23 plate condenser, wave length range 200 to 550 meters.

R. F. Coil to Match Tuner

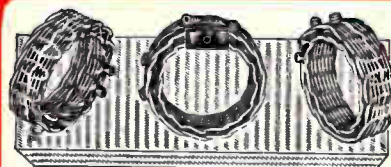
Has the same features of the three circuits tuner described above. Can be used either as an antenna coupler or radio frequency coil.

Your Price

52c

Stock No. 994

List Price 1.10



Your Price
Set of 3

96c

List Price
2.00

Stock No.
523

Twin Coupler Basket Weave Coil Freshman Type

For compact set construction. Furnished with mounting brackets to permit fastening to condensers or baseboard. Used with .00035 condensers. Three coils in a kit.



Plug-In Solenoid Coil

Fits any U.X. Socket. Gives superior results. Wound with No. 28 enamel wire on threaded bakelite tubing. Used with .00035 condenser.

List Price .90
Stock No. 996

Your Price

52c

Essential Kit For 3 Dial Receiver

Consists of:
3—.00035 S.
L. F. Condensers.
3 R. F. Low
Loss Coils.
1 Hook-up Diagram.

Your Price

5⁷⁰

List Price

9.50
Stock No.
865

Compact Solenoid R. F. Coils

Space wound, 1 1/4" diameter. Wound with No. 28 enamel wire on small threaded bakelite tubing. To be used with .00035 condensers.

Your Price

45c

List Price .75
Stock No. 995



Always First In Values and Quality

Dependable YAXLEY Jacks



YAXLEY Junior Jacks

When there is little space available the Yaxley Junior Jack fits in nicely. Full weight springs, silver contacts, no sharp edges to wear plug. Extends 1/4 in. behind panel. Takes all standard plugs. Mounts in single 1/8 in. panel hole.

Stock No.	Description	List Price	Your Price	Y-703C	Description	List Price	Your Price
Y-701	Open Circuit.	\$0.40	\$0.24	Y-704	Interstage.	.65	.45
Y-702	Circuit Closing.	.55	.33	Y-704A	Two Circuit Filament Control.	.75	.48
Y-702A	Two Circuit.	.55	.33	Y-705	Two Circuit Filament Lighting.	.85	.51
Y-703	Single Circuit Filament Control	.65	.39	Y-706	Interstage Filament Control.	.95	.57
Y-703A	Circuit Reversing.	.65	.39	Y-707	Interstage Filament lighting.	1.05	.96

Telephone **Your Price** **3c**

Name Plates
 "Detector" — "1 stage"
 "On and Off" — "2 stage."
 "Loud Speaker."

List Price 5c Stock No. 361

A and B Voltmeter Switch

Double throw non locking switch used with voltmeter for reading A and B battery voltages. 1/8 in. single hole mounting.

List Price \$1.25 **75c**
 Stock No. YAX-12



YAXLEY Jack Switches

Single hole mounting. Insulated from frame. Quick make and break contacts. Brass frames, bakelite insulation.

Your Price **45c** **Battery Switch**
 Stock No. YAX-20
 List Price 75c

Your Price **54c** **Two Circuit**
 Stock No. YAX-30
 List Price 90c

Your Price **60c** **Double Circuit**
 Stock No. YAX-40
 List Price \$1.00

Your Price **75c** **Two-Way Two Circuit**
 Stock No. YAX-60
 List Price \$1.25

YAXLEY Jacks — Panel Mounting

Yaxley jacks are used by many set manufacturers and recommended by set builders. They are a standard of excellence. Made from the best materials to give lasting service. All bakelite insulation. Fit any standard plug.

Springs are phosphor bronze with pure silver, self-cleaning contacts. 1/8" panel hole mounting, tinned terminals. An ideal jack for any circuit.

Open Circuit **Your Price** **30c**
 Stock No. YAX-1 **List Price** 50c

Your Price **36c** **Closing Circuit**
 List Price 60c Stock No. YAX-2

Two Circuit **Your Price** **36c**
 Stock No. YAX-2A **List Price** 60c

Your Price **42c** **Single Circuit Filament Control**
 List Price 70c Stock No. YAX-3

Interstage **Your Price** **48c**
 Stock No. YAX-4 **List Price** 80c

Your Price **54c** **2 Circuit Filament Lighting**
 List Price 90c Stock No. YAX-5

Interstage Filament Control **Your Price** **60c**
 Stock No. YAX-6 **List Price** 1.00

Interstage Filament Lighting **Your Price** **66c**
 Stock No. YAX-7 **List Price** 1.10



Junior Jack Switch

For compact set construction, brass frame, bakelite insulation. Extends 1/4 in. behind panel. Well constructed.

Stock No.	Description	List Price	Your Price
Y-720	Battery Switch	\$0.70	\$0.42
Y-730	Two Circuit.	.85	.51
Y-740	Double Circuit.	.95	.57
Y-745	Five Spring.	1.10	.66
Y-760	Two way two circuit.	1.20	.72

Two Stage Switch

For controlling first and second audio stages with one switch. In many leading hook-ups.

Your Price **98c**
 \$1.50 Stock No. YAX-69
 List Price

Midget Jack

Furnishes an easy method of connecting any circuit using phone cord tips. Phosphor bronze spring mounts in 1/8 in. hole.



Your Price **18c**
 Stock No. 72 List Price 30c

Pup Jack

Mounts on front, sub or rear panels. Ideal for loud speaker connections and for use as binding post. Mounts in 1/8 in. panel hole.

Your Price **10c** **List Price** **15c** **Stock No.** 73

Pup Plug

Designed for use with the Pup Jack to serve as a phone tip without soldering.



Your Price **7c**
 Stock No. 74 List Price 10c

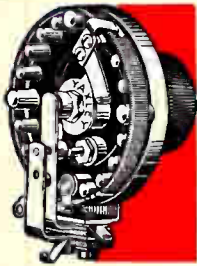
Midget Plug

For use with midget Jack. Can be attached to cord without soldering.

Your Price **9c**
 List Price 15c
 Stock No. 71



YAXLEY Resistance Units



Switching Rheostat for Filament Control

A dual instrument that combines filament switch with the rheostat. Air cooled rheostat. Positive acting switch with pure silver switch points.

Your Price **1.03**
List Price \$1.75

Stock No.	Ohms	Stock No.	Ohms
902 K	2	920 K	20
903 K	3	925 K	25
906 K	6	929 K	30
910 K	10	960 K	60
915 K	15	999 K	100

YAXLEY AIR COOLED Rheostat Resists Temperature Changes

There is watchlike precision in the Yaxley Air Cooled Rheostat. Smooth, quiet action. Close adjustment, filament voltages built up slowly and held at exactly the right point. Genuine bakelite base and knob, mounts in single 1 7/8" panel hole.



Stock No.	Ohms	Stock No.	Ohms
1102K	2	1125K	25
1103K	3	1130K	30
1106K	6	1140K	40
1110K	10	1160K	60
1115K	15	1199K	100
1120K	20		

Your Price **80c**
List Price \$1.35

YAXLEY Resistance Unit Accurately Rated

Accurately rated, compact combination screw eye and soldering lug for mounting.

Stock No.	Ohms	Stock No.	Ohms
801	1	810	10
802	2	815	15
803	3	820	20
804	4	825	25
805	5	830	30
806	6	840	40
808	8	850	50



No.	Ohms	Your Price
8100	100	17c
8200	200	
8400	400	

Your Price **10c** List Price 15c

List Price 25c

YAXLEY Filament Resistances

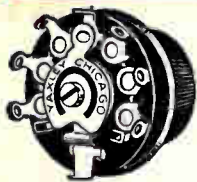
Same construction as resistance units described above. Furnished and designed to control tubes as follows:

- No. 1L—For controlling 1-201 type of tube
- No. 2L—For controlling 2-201 type of tubes
- No. 3L—For controlling 3-201 type of tubes
- No. 4L—For controlling 4-201 type of tubes
- No. 5L—For controlling 5-201 type of tubes
- No. 6L—For controlling 6-201 type of tubes

Your Price **10c**
List Price 15c

Rheostats to be Used With Different Tube Combinations

U. V. 200 Type Tube 6 V. 1-Amp.		W. D. 12 Type Tube 1 1/2 V. 1/2-Amp.	
Number of Tubes	Resistance of Rheostat	Number of Tubes	Resistance of Rheostat
1	6 Ohm	1	10 Ohm
2	2 Ohm	2	6 Ohm
UX171-UX112 Type Tube 6 V. 1/2-Amp.		3	6 Ohm
1	10 Ohm	4	3 Ohm
2	6 Ohm	5	3 Ohm
3	3 Ohm	6	2 Ohm
4	2 Ohm	7	2 Ohm
201A Type Tube 6 V. 1/4-Amp.		8	2 Ohm
1	20 Ohm	U. V. 199 Type Tube 4 1/2 V. .06-Amp.	
2	10 Ohm	1	100 Ohm
3	6 Ohm	2	60 Ohm
4	6 Ohm	3	40 Ohm
5	3 Ohm	4	30 Ohm
6	3 Ohm	5	25 Ohm
7	2 Ohm	6	20 Ohm
8	2 Ohm	7	15 Ohm
		8	10 Ohm



YAXLEY Perfect Contact Inductance Switch

Extremely compact, measures only 1 1/2 in. in diameter, a dependable tap switch. Complete with dial plate and bakelite knob.

Stock No.	Points	List	Your Price
44	4	\$0.75	90.48
70	7	.80	.48
90	9	.90	.54

YAXLEY Etched Dial Plate

Used with knob on rheostat for dial markings. Fits under knob, neatly etched, easy to read.

Stock No.	Description	Your Price
368	Silver and black finish.	10c
369	Gold and black finish.	

List Price 15c



Rheostat Knob



Your Price **9c** Black or walnut bakelite with white indicator arrow. Mounts on 1/4" plain shaft. Diameter 1 1/2". Specify color.
List Price 20c
Stock No. 367

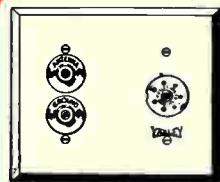
YAXLEY Air Cooled Potentiometer

Air cooled, exact construction as described above for rheostat and knob and etched dial plate.

Stock No.	Ohms	List	Your Price
1200 K	200	\$1.75	\$1.03
1400 K	400	1.75	1.03
1201 K	1000	2.00	1.18

Always First In Values and Quality

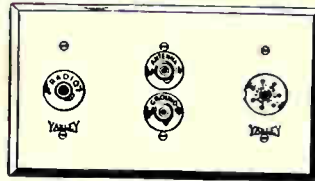
Yaxley Outlets and Lights



Your Price
\$2.10
List Price \$3.50
Stock No.
YAX-239

Outlet For All Terminals

For aerial, ground and all battery connections. Fits any standard switch box. Plate insulated from jack. Easy to install.



Your Price
\$1.50
List Price \$2.50
Stock No. YAX-137

All Battery Connections

Furnished complete with plugs and wiring directions. Makes set fool-proof. Connections must be right.



Loud Speaker Outlet

This convenience outlet makes it possible to secure reception in any room removed from the receiver. More than one may be used in the home. Wired in series or parallel.

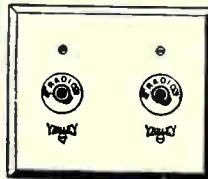


Your Price
60c
List Price \$1.00
Stock No.
YAX-135

All Terminals and Loud Speaker Outlet

For loud speaker, aerial, ground and battery connections. Complete wiring diagrams in each box. A convenient outlet that brings all terminals to one easily accessible point.

Your Price
\$2.70
List Price \$4.50
Stock No. YAX-350



Your Price
\$1.20
List Price \$2.00
Stock No. Yax-235

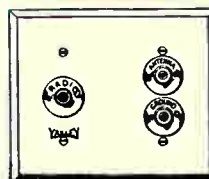
Loud Speaker Outlet

Homes, apartments, hospitals, hotels find the Yaxley Loud Speaker outlet to be a great convenience. Connects any number of rooms to the receiver.

Your Price
\$1.20
List Price \$2.00
Stock No. Yax-238

Aerial, Ground and Loud Speaker Outlet

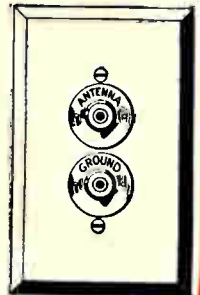
Simply plug in with phone tips. All wire connections permanently made through back. Compact, neat and electrically perfect.



Aerial and Ground Outlet

Aerial and ground wires are brought to this outlet behind the sash. They can then be plugged in with phone tips that are furnished with each plate.

Your Price
60c
List Price \$1.00
Stock No.
YAX-136



Stock No. Y-426
List Price \$1.05

Your Price
68c

Yaxley Pilot Light Switch

Every set owner wants the novel Yaxley Pilot Light. A signal light shows whether set is on or off. Equipped with filament switch. Ruby jewel for panel included. Bulb also furnished. Improves the appearance of any set.

REPLACEMENT BULBS

Your Price **20c** List Price, 30c Stock No. Y429

Yaxley Panel Light and Bulb

Illuminates the dial and makes it possible to operate the set without light from lamps in room. Consists of handsome reflector and metal socket. Mounts in 1/2 in. panel hole. Easy to install, comes complete with bulb.

List Price 80c Your Price
Stock No. Y-427 **52c**



Your Price
52c

List Price 80c
Stock No. Y428

Yaxley Pilot Light Bracket

For sets already equipped with a filament switch. Indicates to operator whether set is on or off. Ruby jewel for panel included. Bulb also furnished. Easy to install.



Yaxley Midget Switch

A compact switch with a dependable "make and break" phosphor bronze springs. Pure silver contacts. Switch is thoroughly insulated from frame. Mounts in single 7-16 in. panel hole. "On and Off" name plate included.

Stock No. Y-430
List Price 50c

Your Price
30c



WESTERN RADIO MFG. CO. Chicago



AMPERITE
REG. U.S. PAT. OFF.
The SELF-ADJUSTING Rheostat

An automatic filament control that eliminates hand rheostats. Self adjustment adapts itself to each vacuum tube permitting it to operate at highest efficiency at all times. Can be used in any type circuit. Specify types wanted.

List Price \$1.10

YOUR PRICE

65c

Variable Resistances



AMPERITE
REG. U.S. PAT. OFF.
The SELF-ADJUSTING Rheostat

AMPERITES

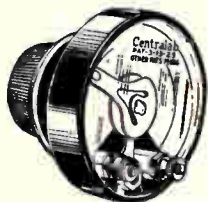
Type	Amperes	Tubes	Volts
1-A	1/4	201A Type	5
4-V 199	.06	199 Type	3
6-V 199	.06	199 Type on 6-V Battery	3
A-120	.125	120 Type	
A-112	1/2	112 or 171 or two 201A Type	
D-11		WD11 or VX12 Type	
3-A	3/4	For 3-201 A Type	
4-A	1.	For 4-201 A Type	
5-A	1 1/4	For 5-201 A Type	
622-A		For CX 322 and UX 222 Tubes	

Centralab Radiohm

YOUR PRICE

1¹⁸

List Price \$2.00



Pressure shoe and tilting disc, assures long life and noiseless adjustment. Can be varied throughout entire range from zero to maximum resistance. No sliding contacts. Bakelite base and knob. Single hole mounting.

Stock No.	Type	Ohms
352	R-002	0- 2,000
353	R-025	0- 25,000
355	R-050	0- 50,000
356	R-100	0-100,000
357	R-200	0-200,000
358	R-500	0-500,000

Volume Control CLAROSTAT

Compact, neat, convenient 0-500,000 ohm range in several turns of knob. Micrometric adjustment. One-hole mounting. Convenient screw terminals. Many applications in present-day sets.



Your Price

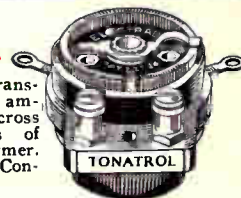
89c

List Price \$1.50

Stock No. **1²⁸**

Tonatrol

Volume control in transformer coupled audio amplifier. Connected across secondary terminals of first audio transformer. Improves quality. Control signal volume.



List Price \$1.50
Stock No. 889

Your Price

89c

Phasatrol



Eliminates any tendency to radio frequency oscillation or distortion. Suited to any circuit having radio frequency amplification. One Phasatrol must be used for each stage of radio frequency amplification.

List Price \$2.75

Stock No. 890

Your Price

1⁶²

Centralab Modulator

A three terminal variable resistance. Range 0-500,000 Ohms.

List Price \$2.00

Stock No. 359

YOUR PRICE

1¹⁸



CLAROSTAT

Universal Range

A variable resistor ranging from zero to 5,000,000 ohms. Covers all requirements in modern reception, amplification, transmission and battery eliminator. 20 watts. Used by many leading battery eliminators manufacturers.

List Price \$2.25

Stock No. 351

Your Price **1³³**

Power Clarostat

0-500,000,000 ohms resistance. Will carry 40 watts safely. Ample heat dissipation for operation over long periods.

YOUR PRICE

2⁰⁶

List Price \$3.50
Stock No. 354



Electrad Royalty Variable High Resistances

Stock No.	Type	List Price	Your Price
891	E-Compensator, 500,000 ohms. Potentiometer.....	\$2.00	1¹⁸
892	F-Variable High Resistance, 0 to 2,000 ohms.....	1.50	.89
893	G-Variable High Resistance, 0 to 10,000 ohms.....	1.50	.89
894	H-Variable High Resistance, 0 to 25,000 ohms.....	1.50	.89
895	J-Variable High Resistance, 0 to 200,000 ohms.....	1.50	.89
896	L-Variable High Resistance, 0 to 500,000 ohms.....	1.50	.89

Always First In Values and Quality



FROST-RADIO

De Luxe High Resistance and Filament Switch

Two instruments in one, a high grade variable resistance and a new type filament switch in a single unit. German silver springs with Sterling silver contact points. Switch cam opens filament circuit when knob is turned to extreme left. Locks securely in "off" position to prevent accidental turning on of set. Switch assembly is mounted on genuine bakelite for complete electrical insulation.

2 TERMINALS

Stock No.	Ohms
FS-1887	2,000
FS-1888	10,000
FS-1889	25,000
FS-1880	50,000
FS-1881	100,000
FS-1882	200,000
FS-1885	500,000
FS-1886	50,000 (Infradyne special)

3 TERMINALS

Stock No.	Ohms
FS-1897	2,000
FS-1898	10,000
FS-1899	25,000
FS-1890	50,000
FS-1891	100,000
FS-1892	200,000
FS-1895	500,000

YOUR PRICE

124

List Price \$2.10

FROST-RADIO RHEOSTATS AND JACKS



FROST-RADIO

De Luxe Variable High Resistance

Here's a variable resistance that set builders have been looking for. Smooth as silk, no jerks, no jumps, no sudden volume changes, no dead spots. Friction and mechanical wear reduced by roller contact. Adopted as standard equipment by many leading set manufacturers. Enclosed in a polished bakelite case with cover to exclude dust. Equipped with latest black bakelite knob with white arrow.

2 TERMINALS

Stock No.	Ohms
1887	2,000
1889	25,000
1880	50,000
1881	100,000
1882	200,000
1885	500,000

3 TERMINALS

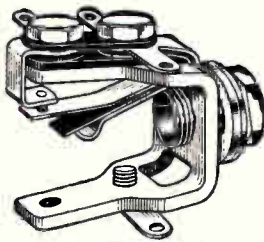
Stock No.	Ohms
1896	2,000
1899	25,000
1890	50,000
1891	100,000
1892	200,000
1895	500,000

YOUR PRICE

103

List Price \$1.75

Frost Gem-Jac



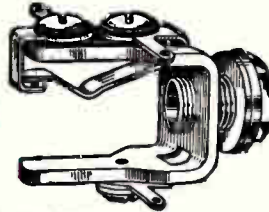
For limited space. Projects only 1 in. behind panel. Self cleaning contacts. Fits all standard plugs. Single filament control.

Your Price **30c**

List Price 50c
Stock No. 955

Closed Circuit Gem-Jac

Nickel plated brass frame. Mounts on 1/8 in. or 3/16 in. panel.

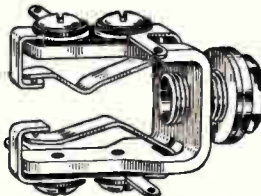


Your Price **27c**

List Price 45c

Stock No. 954

Double Circuit Gem-Jac



Gem-Jacs fit 11/32 in. or 3/8 in. hole. Bakelite insulation.

Your Price **30c**

List Price 50c
Stock No. 951

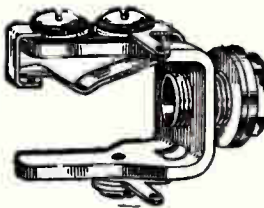
Open Circuit Gem-Jac

Compact and efficient, fits all standard plugs.

Your Price **24c**

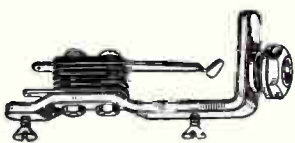
List Price 40c

Stock No. 953



Frost Pan-Tab Jacks

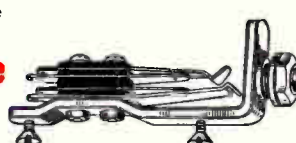
Substantial construction. Sterling silver contacts. Brass nickel plated frame. Can be used for panel or table mounting.



Your Price **39c**
List Price 65c

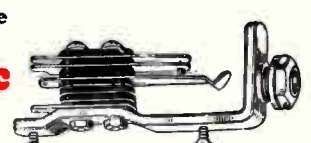
Open Circuit—Stock No. 233

Your Price **48c**
List Price 80c



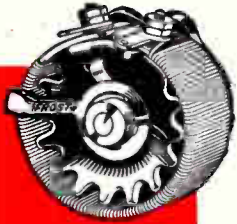
Stock No. 231—Double Circuit

Your Price **50c**
List Price 85c



Stock No. 234—Single Fil. Control

WESTERN RADIO MFG. CO. Chicago



Frost Radio

FROST-RADIO Rheostats Potentiometers



Frost Radio

De Luxe Bakelite Rheostat

This new rheostat is designed to stand up even under severe overloads. Fiber has been eliminated and *flexible bakelite* that will not distort or warp has been substituted. This makes possible almost unbelievable precision in winding and gives smoother operation. Exposed metal parts are nickel plated and highly finished. Equipped with new style black bakelite knob with engraved white arrow indicator. A precision instrument that will help get better results from any set.

Stock No.	Ohms	Your Price
1802	2	59c
1803	3	
1806	6	
1810	10	
1815	15	
1820	20	
1825	25	
1830	30	
1850	50	

Potentiometers—De Luxe

Stock No.	Ohms	Your Price
1822	200	74c
1824	400	
		List Price \$1.25

High Resistance Potentiometers For A. C. Tubes and Circuits

Stock No.	Ohms	List Price	Your Price
1837	20	\$1.25	.74
1834	1000	1.25	.74
1832	2000	1.50	.88
1835	5000	2.25	1.32

Rheostats With Filament Switch

Reduces Number of Controls

The tendency in the latest radio design is toward simplicity. Instruments that reduce the number of controls on the panel are extremely popular. New circuits incorporate the FROST combined rheostat and filament switch because it eliminates one control. Switch assembly is mounted on genuine bakelite and contact springs are German Silver with Sterling Silver points. *Set cannot be turned on accidentally because a spring locks the operating cam firmly in the "off" position.* Non-warping bakelite frame.

Stock No.	Ohms	Amperes
FS-1802	2	.18
FS-1803	3	.12
FS-1806	6	.25
FS-1810	10	1.75
FS-1815	15	1.
FS-1820	20	.75
FS-1825	25	.50
FS-1830	30	.25
FS-1850	50	.25

Your Price **80c** List Price **\$1.35**
EACH,

Frost Gem Rheostats and Potentiometers



FROST-RADIO

A high quality small size rheostat designed for circuits affording limited space. Accurately wound, firm electrical contact. Equipped with new style black bakelite knob with engraved white arrow indicator. Substantial construction, mechanically and electrically perfect.

RHEOSTATS

Stock No.	Ohms	Your Price
1903	3	44c
1906	6	
1910	10	
1915	15	
1925	25	
1930	30	

POTENTIOMETERS

Stock No.	Ohms	Your Price
1922	200	59c
1924	400	
		List Price \$1.00

Always First In Values and Quality

PANELS

Bakelite Tubes & Brackets



CELORON Bakelite Panels

Will not warp or chip. Standard equipment for U. S. Army, Navy and Signal Corps. Approved by Bureau of Standards. Made in black and walnut finishes.

Stock No.	Size	Black		Walnut	
		List Price	Your Price	Stock No.	Your Price
4712	7x12x $\frac{1}{8}$	\$1.31	\$0.81	5712	\$0.85
4714	7x14x $\frac{1}{8}$	1.53	.95	5714	.99
4718	7x18x $\frac{1}{8}$	2.95	1.85	5718	1.94
4721	7x21x $\frac{1}{8}$	3.45	2.15	5721	2.25
4724	7x24x $\frac{1}{8}$	3.94	2.50	5724	2.60
4726	7x26x $\frac{1}{8}$	4.25	2.66	5726	2.79
4728	7x28x $\frac{1}{8}$	4.65	3.00	5728	3.05
4730	7x30x $\frac{1}{8}$	4.92	3.16	5730	3.25

NOTE: $\frac{1}{8}$ -in. Panels cut to special size. $1\frac{1}{4}$ cents per square inch. $\frac{1}{8}$ -in. panel cut to size, $1\frac{1}{4}$ cents per square inch. Specify color wanted.

HOOD Panels Hard Rubber

Easy to drill or saw. Made in two sizes: black on both sides, walnut on one side and black frieze on other. We do not cut special rubber panels.

Stock No.	Size	Black		Walnut and Black Frieze	
		Your Price	Stock No.	Your Price	Stock No.
2712	7x12x $\frac{1}{8}$	\$0.69	3712	\$0.93	
2714	7x14x $\frac{1}{8}$	.82	3714	.97	
2718	7x18x $\frac{1}{8}$	.98	3718	1.25	
2721	7x21x $\frac{1}{8}$	1.19	3721	1.48	
2724	7x24x $\frac{1}{8}$	1.36	3724	1.66	
2726	7x26x $\frac{1}{8}$	1.50	3726	1.85	
2728	7x28x $\frac{1}{8}$	1.59	3728	1.90	
2730	7x30x $\frac{1}{8}$	1.70	3730	2.05	

Write for Prices on Engraved Bakelite Kit Panels

CELORON Bakelite Tubes



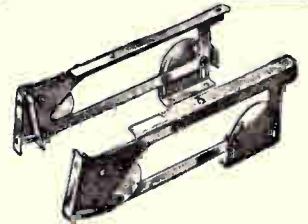
Easy to drill and thread. Will not warp, chip or crack. Standard length, 2 $\frac{1}{2}$ ft. Can be supplied in lengths of 6 in. or longer.

Stock No.	Inside Diameter	Your Price Per Ft.
4731	2 $\frac{1}{4}$ in.	\$0.82
4732	2 $\frac{3}{4}$ in.	.80
4733	3 in.	.95

Benjamin Brackets

For fastening panel to baseboard. Increases the rigidity of entire set. Two brackets to a set. A big help to a set builder.

List Price	Your Price
PER PAIR	70c
Stock	42c
No. 596	PER PAIR

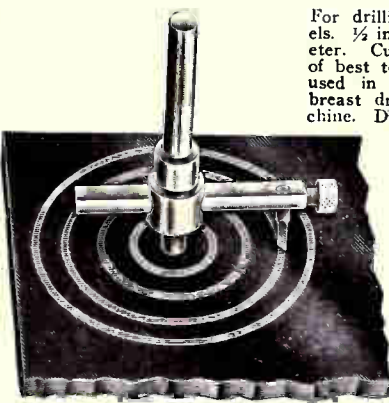


Benjamin Shelf Brackets

Can be mounted vertically or at any desired angle. Adaptable to any sub-panel. End not attached to panel may be used as a support to relieve the panel of the strain of holding the sub-panel load. Transformers, chokes, etc., mounted underneath the sub-panel leaving the top for sockets only.

Your Price
74c
Stock PAIR
No. 9029 List Price \$1.25

Adjustable Circle Cutter



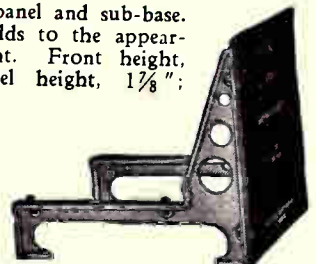
For drilling holes in panels. $\frac{1}{2}$ in. to 4 in. in diameter. Cutting edge made of best tool steel. Can be used in any hand brace, breast drill or power machine. Drills smooth holes.

Your Price
1²⁵
Stock No. 878

Aluminum Pan Bracket

A rigid brace and support for panel and sub-base. Conceals wiring below panel adds to the appearance of any set. Light weight. Front height, 6 $\frac{3}{8}$ " ; Depth, 7 $\frac{3}{4}$ " ; Subpanel height, 1 $\frac{1}{8}$ " ; Width of Subpanel shelf 5 $\frac{3}{4}$ " .

List Price	Your Price
\$1.50	90c
Stock	
No. 570	



IMP Rheostat

All metal frame. Self cooling. Very compact construction. Gives satisfaction in any circuit. Fitted with knurled knob.



Stock No.	Type	Ohms
1401	IR-2	2
1402	IR-3	3
1403	IR-6	6
1404	IR-10	10
1405	IR-15	15
1406	IR-20	20
1407	IR-25	25
1408	IR-30	30
1409	IR-40	40
1410	IR-50	50
1411	IR-75	75

List Price \$1.00 Your Price **59c**

IMP Potentiometer

Same general construction as Imp Rheostat shown above. Your Price

List Price 1.25 **74c**

Stock No.	Type	Ohms
1412	IR-200	200
1413	IR-400	400



Carter "Hi-ohm" Volume Control

Your Price Non-inductive, wire protected high resistance volume control. Carbonized resistance element is graduated to produce a curved line effect.

List Price **\$2.00**

Stock No.	Type	Ohms
1446	No. 5	500,000
1447	No. 1	100,000
1448	No. L	50,000
1449	No. X	10,000

"Hi-Pot" Volume Control Potentiometer

Same construction as "Hi - Ohm" shown above. Your Price

List Price **\$2.25**

Stock No.	Type	Ohms
1450	No. 55	500,000
1451	No. LL	50,000
1452	No. XX	10,000

CARTER Rheostats Potentiometers

IMP Rheostat and Filament Switch

This rheostat reduces the number of panel controls by combining the filament switch with the volume control. Self cooling. All metal construction.



Stock No.	Type	Ohms	Your Price
1414	IR-10-s	10	89c
1415	IR-15-s	15	
1416	IR-20-s	20	
1417	IR-30-s	30	

List Price \$1.50

Midget Potentiometers



Wire wound type. Self cooling. All metal frame. Smallest potentiometer made. Wire resistance strip clamped in place to prevent wire from shorting. Smooth operating contact arm. Complete with black bakelite knob with white arrow pointer.

Stock No.	Type No.	Ohms	Amps.	List Price	Your Price
1438	MP-20	20	.3	\$0.75	\$0.45
1439	MW-75	75	.3	1.00	.59
1440	MW-500	500	.11	1.00	.59
1441	MW-1M	1,000	.06	1.25	.74
1442	MW-2M	2,000	.05	1.25	.74
1443	MW-3M	3,000	.04	1.25	.74
1444	MW-10M	10,000	.025	2.25	1.33
1445	MW-25M	25,000	.016	2.25	1.33

Stock No.	Type	Ohms	Use	Stock No.	Type	Ohms	Use
1453	H-1M	1000	grid circuit	1460	H-15	15	3-199 Tubes
1454	H-750	750	grid circuit	1461	H-10	10	4-199 Tubes
1455	H-500	500	grid circuit	1462	H-8	8	5-199 Tubes
1456	H-100	1000	grid circuit	1463	H-6	6	6-199 Tubes
Your List Price 18c Price 30c				1464	H-4	4	1-201A Tubes
				1465	H-2	2	2-201A Tubes
				1466	H-1 1/2	1.33	3-201A Tubes
				1467	H-1	1	4-201A Tubes
				1468	H-4/5	.8	5-201A Tubes
				1469	H-3/5	.67	6-201A Tubes
				1470	H-1/2	.5	8-201A Tubes
				1471	H-3/4	.25	Comp. Resistance

Your Price **15c** List Price 25c

Midget Rheostat

The smallest commercial rheostat made. All metal construction. Self cooling. Resistance element clamped in place and held tight. Wire cannot move and short circuit. Smooth operating contact arm. 1/2 in. diameter. Projects 1/4 in. back of panel.



Your Price **30c** List Price 50c

Stock No.	Type	Ohms
1418	C-6	6
1419	C-10	10
1420	C-15	15
1421	C-20	20
1422	C-25	25
1423	C-30	30
1424	C-40	40

Midget Potentiometer

Same construction as Midget Rheostat shown above. 400 ohms resistance. Type M-400. Your Price

Stock No. 1425 List Price 75c **45c**

Midget Rheostat With Filament Switch

Combines volume and filament control in single unit.

Stock No.	Type	Ohms
1426	M-10-s	10
1427	M-15-s	15
1428	M-20-s	20
1429	M-30-s	30

Your Price List Price **59c** \$1.00



Carter Midget Rheostat Heavy Duty

Rugged construction. Small, compact and reliable. 3/4 in. resistance strip affords more radiating surface. Mounts in 3/8 in. panel hole.

Your Price **45c** List Price 75c

Stock No.	Type	Ohms
1430	MW 1/2	1/2
1431	MW 3/4	3/4
1432	MW 1	1
1433	MW 2	2
1434	MW 3	3
1435	MW 6	6
1436	MW 10	10
1437	MW 20	20

CARTER Heavy Duty Resistors

Used to reduce 6 volt current to 5 volts as required for certain tube combinations. Sturdy construction.



Always First In Values and Quality

CARTER — Switches, Jacks, Adapters, Condensers

CARTER Jack Switches

Positive contact. Heavy springs. Micarta insulation. Excellent workmanship.

TYPE 2. Jack Switch



Your Price

45¢

Single pole, single throw. Two springs. Closes one contact. Used to close A Battery Circuit. List Price 75c Stock No. 1492

TYPE 3. Jack Switch



Your Price

53¢

Single pole, double throw. Three springs; opens one and closes one contact. For switching from long to short wave and from one dry "A" battery to another. List Price 90c Stock No. 1493

TYPE 6. Jack Switch



Your Price

74¢

Double pole, double throw. Six springs; opens two and closes two contacts. Used to switch battery charger and loud speaker on and off. List Price 1.25 Stock No. 1494

CARTER Imp Inductance Switch

A very compact inductance switch. Contacts securely clamped in place. Mounts in 3/8 in. hole on 1/8 in. to 3-16 in. panels.



(Half size)

Stock No.	Type	Points	List	Your Price
1495	404	4	\$1.00	
1496	405	5	1.05	\$0.89
1497	407	7	1.15	.62
1498	409	9	1.25	.68 .74

CARTER Adapter

For adapting UX-199 or UX-201-A Type tubes to UV-199 Type base. Positive electrical contact. Terminals plainly marked. Very substantially constructed.

Type No.—UX-2-199

List Price 75c

Stock No. 1499



Your Price

45¢

CARTER Tube Adapter

For adapting UX-171 and UX-112 type tubes to any 201-A type of base. Positive electrical contact.

Eliminates necessity of removing old socket and wiring in new one.

A handy instrument. Type 171.

Your Price **59¢**

List Price 1.00

Stock No. 1500



(Half size)

CARTER Moulded Mica Condensers

Molded in bakelite to protect against moisture. Unaffected by temperature changes or climatic conditions. No leakage. Best grade Mica and foil.

Stock No.	Capacity mfd.	List Price	Your Price
1501	.0001	\$0.40	\$0.24
1502	.00015	.40	.24
1503	.00025	.40	.24
1504	.0005	.40	.24
1505	.001	.50	.30
1506	.002	.50	.30
1507	.0025	.50	.30
1508	.005	.70	.42
1509	.006	.85	.50
1510	.0075	.95	.57
1511	.01	1.15	.68
1512	.02	1.75	1.03
1513	.00025 with clips	.50	.30
1514	.0005 with clips	.50	.30



(Half Size)

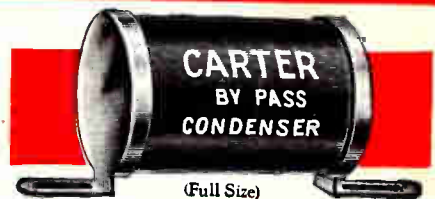
CARTER Filter Condensers

Unaffected by temperature changes or climatic conditions. Made of choice materials throughout. Non-inductive wound. Purest tin foil. Made in following sizes and voltages:

Stock No.	Type No.	Capacity	Volts D.C.	Volts A.C.	List Price	Your Price
1519	301	.1 Mfd.	300	150	\$0.80	\$0.48
1520	310	1.0 Mfd.	300	150	1.75	1.03
1521	320	2.0 Mfd.	300	150	2.75	1.62
1522	340	4.0 Mfd.	300	150	4.75	2.80
1523	601	.1 Mfd.	600	300	1.25	.74
1524	610	1.0 Mfd.	600	300	3.00	1.77
1525	620	2.0 Mfd.	600	300	5.50	3.24
1526	640	4.0 Mfd.	600	300	10.00	6.88

CARTER Buffer Condensers

Stock No.	Type No.	Capacity	Volts D.C.	Volts A.C.	List Price	Your Price
1527	444	.1 Mfd.	400	200	\$2.00	\$1.18
1528	666	.1 Mfd.	600	300	3.00	1.77



(Full Size)

CARTER By-Pass Condensers

Non-inductive wound. Each layer of foil is connected directly to terminal thus increasing efficiency. No leakage. Voltage 180 D. C.—90 A. C.

Stock No.	Type	Capacity mfd.	List Price	Your Price
1515	101	.1	\$0.75	
1516	102	.25	.75	\$0.48
1517	105	.5	.90	.48
1518	110	1.0	1.25	.83 .74

CARTER 110 Volt Switch

Toggle switch. Definite Contacts. Compact.

List Price 75c

Stock Price

No. 1489 **45¢**





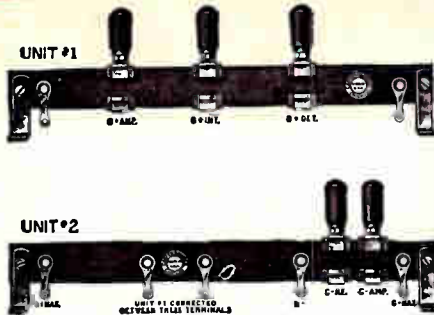
Your Price
53¢

List Price 90c
Stock No. 1476

Carter Aerial Ground Outlet Jack

A neat, practical way of installing aerial and ground wires. Two Carter Imp Plugs are furnished for connecting wires to set. Cords equipped with phone tips. Furnished complete with "aerial" and "ground" nameplates and screws for mounting.

CARTER Jacks and Switches



CARTER Voltage Control Kit for "B" Eliminators

The Carter "B" Battery Eliminator Voltage Control resistors are 8x3/4x1/8 in. Slides permit accurate adjustment for "B" and "C" battery voltages. Temperature changes and climatic conditions do not effect calibration. Receiver always operates at maximum efficiency when equipped with this unit.

Your Price **2³⁶**

List Price \$4.00
Stock No. 1472
Type 2313

CARTER Voltage Control Kit for "A" Eliminators

Contains all resistors to make an A.C. operated set using CX-301-A or UX-201-A type tubes with series filament connection and Raytheon 350 milliamper tube.

Your Price **4⁴¹**

List \$7.50
Stock No. 1473

CARTER Radio Receptacle Jack With Volume Control



Many hospitals, apartment houses, homes and hotels use this new volume control extension when using one or more loud speakers or headphones at the same time.

Unit is provided with Carter "Hi-Ohm" Volume Control to permit regulation of volume on one speaker without affecting other speakers on the circuit. Furnished complete with "Radio" name plate and mounting screws.

List Price \$2.75

Your Price **1⁶²**
Type 630
Stock No. 1477

Carter Wall Receptacle Jacks



For loud speaker extension. Reception may be had in one, two or more rooms removed from receiver. Plate is equipped with Carter No. 1 Short Jack. Made in two types.

Type No. 600—Brass plated, for parallel connection.

Type No. 600A—Brass plated with 2-A closed circuit short jack for special use.

Your Price **48¢**

Your Price **51¢**

Stock No. 1474
List Price 80c

Stock No. 1475
List Price 85c

CARTER Hold-Tight Jacks



Carter Hold-Tite Jack Type 101
One Spring. Open Circuit.

Stock No. 1478

Your Price **30¢**
List 50c



Carter Hold-Tite Jack Type 102A
Two springs; one break contact. Closed circuit.

Stock No. 1479

Your Price **36¢**
List 60c



Carter Hold-Tite Jack Type 103
Three springs. Single filament control.

Stock No. 1480

Your Price **42¢**
List 70c



Carter Hold-Tite Jack Type 104
Four springs; breaks two contacts. Double circuit.

Stock No. 1481

Your Price **48¢**
List 80c



Carter Hold-Tite Jack Type 105
Five springs; opens two and closes one contact. Double filament control.

Stock No. 1482

Your Price **53¢**
List 90c

CARTER "Short" Jacks



Smallest made for compact construction, widely spaced. Mounts in 3/8-in. hole.

Type 1—Open Circuit Output

Your Price **15¢**

List Price 25c
Stock No. 1483

Type 2A—Single Closed Circuit

Your Price **18¢**

List Price 30c
Stock No. 1484

Imp Jack

Cord tip jacks of large size and substantial construction.



Your Price **18¢** List Price 30c
Stock No. 1485

Imp Plug

Can be fastened to end of cord without soldering.

List Price 15c Your Price **9¢**
Stock No. 1486

CARTER IMP Battery Switch

Quarter turn Snap Switch. Positive contact. "Off" and "on" name plates and pointer. One hole mounting.



Half Size

List Price 65c
Stock No. 1490

Your Price **39¢**

Carter IMP Pilot Switch



Signals whether set is on or off. One hold mount. Red bulb.

Your Price **89¢** List Price \$1.50
Stock No. 1491

Carter Tip Jack

Compact, neat cord tip jack 1/4-in. hole mounting. Heavy contact springs.

Your Price **7c** | Lots of 10 **60c**



Stock No. 1487 (Half size)
List Price 10c Each. Lots of 10, \$1.00

Always First In Values and Quality

By-Pass Condensers

Standard condensers for all radio sets. Noiseless and unchangeable. Silvered metal cases.

Stock No.	Capacity	List Price	Your Price
1205	0.1 Mfd.	\$0.60	\$0.36
1206	0.25 Mfd.	.70	.42
1207	0.5 Mfd.	.75	.48
1208	1.0 Mfd.	.90	.53
1209	2.0 Mfd.	1.75	1.03
1210	4.0 Mfd.	3.50	2.06



TOBE

Condensers and B-Blocks

400 Line Condensers

High voltage for continuous operation up to and including 400 volts D.C. For use with Raytheon BH Tube and other B supplies furnishing 180 to 250 volts. Short path type. Highly efficient. Side terminals.



Stock No.	Capacity	List Price	Your Price
1211	1 Mfd.	\$2.00	\$1.18
1212	2 Mfd.	2.75	1.62
1213	4 Mfd.	4.50	2.65
1214	2.1 Mfd. Buffer	2.00	1.18

Tinytobe Condensers

For constant operation. Voltages up to 500 D. C. Very compact. Requires no support other than the wiring through which they are attached.



Stock No.	Capacity Mfd.	List Price	Your Price
1219	.0001	\$0.35	\$0.21
1220	.00025	.35	.21
1221	.0005	.35	.21
1222	.00007	.40	.24
1223	.001	.40	.24
1224	.002	.40	.24
1225	.005	.45	.27
1226	.006	.45	.27
1227	.01	.55	.33

600 to 1000 Line Power Pack Type Condensers

For high voltage power packs. Can operate continuously without breakdown. Side terminals situated at the base of the casing, to permit condensers to be arranged in bank formation with minimum wiring. Terminals keeps bare wiring connections out of reach or accidental contacts.

Stock No.	Capacity	List Price	Your Price
1215	0.5 Mfd.	\$2.00	\$1.18
1216	1.0 Mfd.	2.50	1.47
1217	2.0 Mfd.	3.50	2.06
1218	4.0 Mfd.	6.00	3.53



Tobe B-Blocks

No. Stock	Type	List Price	Your Price
1228	Model 760. Contains one 8 two 2 and two 1 mfd., 300 volt condensers, for use with Raytheon "B" and UX-213 tubes.	\$13.00	\$7.66
1229	TOBE BH BLOCK, Type 765. Contains two 4 1/2 and one 6 mfd., 400-volt short path condensers, for use with Raytheon BH tube.	13.00	7.66
1230	R-171 B BLOCK, as specified for use with Thordarson No. 171 Power Compact. Contains all necessary capacities and taps.	15.00	8.82
1231	R-210 - B BLOCK, as specified for use with Thordarson 210 Power Compact.	18.00	10.60
1232	B-BLOCKS for Raytheon "A", "B", "C" POWER SUPPLY using 350 Ma. Rectifier Tube. No. 1 Block contains two 4 mfd. condensers.	10.00	5.88
1233	No. 2 Block contains one 8 mfd. and three 1 mfd. condensers.	10.50	6.18
1234	B-BLOCKS for QRS "A", "B", "C" POWER SUPPLY using 400 Ma. Rectifier Tube. 16 mfd. - \$14.00. (Requires one 411 and three 301 Buffer Condensers.)	14.00	8.24

Acme Parvolt B-Blocks

Type 171 B-Block

Special for use with Thordarson No. 171 power compact. Contains all necessary capacities and taps.

Stock No. 2623

Your Price

7⁰⁶

List Price \$12.00

Type 210 Block

Special for use with Thordarson 210 power compact.

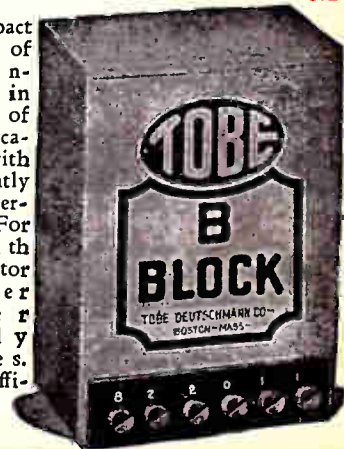
Stock No. 2624

Your Price

8⁸²

List Price \$15.00

A compact group of condensers made in a number of different capacities with conveniently arranged terminals. For use with B Eliminator and other power supply sources. Highly efficient.



Efficient Condensers and Resistors



Sangamo Moulded Bakelite Accurate Condensers

Maintains their accuracy, keeps tone clear and unmuffled. Increases range and volume of receiver. Sealed to exclude moisture and acid fumes.

Stock No.	Capacity Mfd.	List Price	Your Price
446	.0001	\$0.40	\$0.26
447	.00015	.40	.26
448	.00025	.40	.26
449	.0005	.40	.26
450	.001	.50	.33
451	.002	.50	.33
452	.0025	.50	.33
453	.003	.60	.39
454	.004	.60	.39
455	.005	.70	.46
456	.006	.85	.55
457	.0075	.95	.62
458	.01	1.15	.75
460	.00025 With Grid Leak Mtg.	.50	.33
461	.0005 With Grid Leak Mtg.	.50	.33

Tobe Resistor



For resistor uses on B Eliminator when the radiation does not exceed 5 watts. May be used as plate resistor in special amplifiers requiring large current carrying capacity and has transmitting grid-leaks for medium installations. Fits all standard mounts. May be soldered into circuits. Slotted end-caps.

Stock No.	Resistance	List Price	Your Price
1235	2,000 ohms	\$1.10	\$0.65
1236	5,000 ohms	1.10	.65
1237	7,500 ohms	1.10	.67
1238	10,000 ohms	1.10	.65
1239	50,000 ohms	.90	.53
1240	100,000 ohms	.80	.48
1241	250,000 ohms	.75	.45
1242	500,000 ohms	.75	.45
1243	1 Megohm	.75	.45

PARVOLT Wound Condensers

Series A

For operation on D.C. circuits in which a maximum working voltage of 400 is present and on alternating current circuits to which the maximum working voltage does not exceed 285. Recommended for radio frequency by-pass work.

Stock No.	Capacity Mfd.	List Price	Your Price
459	0.1	\$0.85	\$0.51
462	0.25	.95	.57
463	0.5	1.00	.60
464	1.0	1.25	.75
465	2.0	2.25	1.35
474	4.0	4.00	2.40



SERIES B

For use in D.C. circuits where the maximum working voltage is 800 and in alternating current circuits where it is 575. Recommended for all current supply unit circuits and as isolating condensers in resistance and impedance coupled audio frequency circuits.

Stock No.	Capacity Mfd.	List Price	Your Price
1255	0.1	\$1.25	\$0.75
1256	0.25	1.50	.90
1257	0.5	2.00	1.20
1258	1.0	2.50	1.50
1259	2.0	3.50	2.10
1260	4.0	6.00	3.60

SERIES C

For use in all high voltage current supply unit circuits in which the maximum direct current working voltage does not exceed 1,000 and the maximum alternating current working voltage does not exceed 750.

Stock No.	Capacity Mfd.	List Price	Your Price
1262	1.0	\$ 5.00	\$3.00
1263	2.0	7.00	4.20
1264	4.0	12.00	7.20
1265	Two 0.1 mfd. in series	1.75	1.05

Vacuum Tipon Leaks



Free from induction and capacity. Independent of voltage, atmospheric change or temperature. Connecting wires sealed in glass tube. Resistance element mounted in glass tube from which all air has been removed.

Stock No.	Resistance	List Price	Your Price
1244	100,000 ohms (1/10 meg.)	\$0.75	\$0.45
1245	250,000 ohms (1/4 megohm)	.50	.30
1246	500,000 ohms (1/2 megohm)	.50	.30
1247	1 megohm	.50	.30
1248	2 megohms	.50	.30
1249	3 megohms	.50	.30
1250	4 megohms	.50	.30
1251	5 megohms	.50	.30

Dubilier By-Pass 907

A paper dielectric condenser. Special mounting feet. Condensers occupy little space. Neat appearing and efficient. Convenient soldering lugs. 160 D.C. working range.

Stock No.	Capacity Mfd.	List Price	Your Price
708	0.1	\$0.80	\$0.48
709	0.25	.90	.54
710	0.5	1.00	.60
711	1.0	1.50	.90
712	2.0	2.00	1.20



Dubilier 601 Micadon

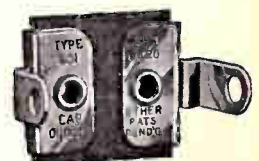
Permanent capacity. Cannot expand or contract. Mica insulation. Eliminates noises. Eyelet solder connections. Tested under 600 volts D.C.



Stock No.	Capacity Mfd.	List Price	Your Price
686	.0001	\$0.30	\$0.18
687	.00015	.30	.18
688	.00025	.30	.18
689	.0005	.30	.18
690	.001	.35	.21
691	.002	.35	.21
692	.0025	.35	.21
693	.003	.50	.30
694	.004	.50	.30
695	.005	.50	.30
696	.006	.50	.30

Dubilier 601-G

Provided with clips for grid leak mounting. Permanent capacity. Mica insulation.



Stock No.	Capacity Mfd.	List Price	Your Price
697	.00025	\$0.40	\$0.24
698	.0005	.40	.24

Always First In Values and Quality

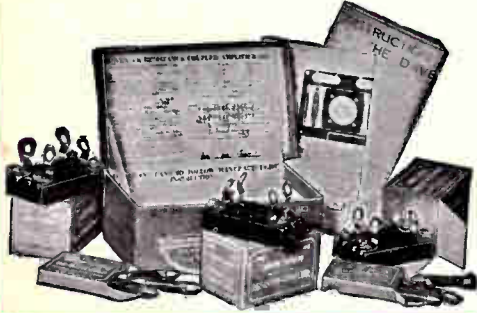
DAVEN 3-K Amplifier Kit

For construction of a Daven Amplifier Kit, everything except the sockets and bus bar wire. Contains the following parts:

- 3—.01 Megohm Daven Resistors
- 1—1 Megohm Daven Resistor
- 1—.05 Megohm Daven Resistor
- 1—.025 Megohm Daven Resistor,

Complete instructions
List Price \$8.00. Stock No. 591

YOUR PRICE **4⁷¹**



Resistances AND Grid Leaks



Daven Mounting

Mounting for grid leaks. Genuine moulded bakelite base. Genuine phosphor bronze clips. Hole for fastening screw in center of base. Mounting only without leak.

YOUR PRICE **21c** List Price 35c
Stock No. 593

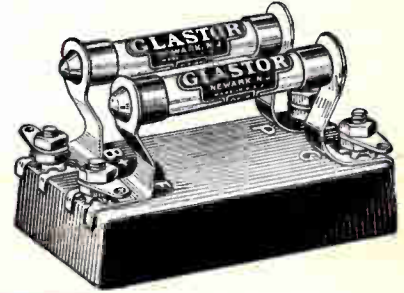
Daven Resisto Couplers

Used where one, two or three stages of resistance coupling are needed. May be used alone or with other methods of amplification. Type "A" Condenser included **YOUR PRICE** terminals. Resistors not furnished. Uses the following resistors with Resisto-Couplers:

89c

Stage	Plate Resistors	Grid Resistors
1	.1 Megohm	1 Megohm
2	.1 Megohm	.5 Megohm
3	.1 Megohm	.25 Megohm

Stock No. 592. List Price \$1.50



Daven Compensator

A miniature split stator condenser for balancing the capacity of two radio frequency circuits which are tuned by a tandem condenser.



YOUR PRICE **1⁰³** List Price \$1.75
Price **1⁰³** Stock No. 1662

DeJur Resistance Mounting

Genuine bakelite. Nickered phosphor bronzed clips. Positive connections.

YOUR PRICE

15c

List Price 25c. Stock No. 1664



Daven Balancer

Used to add sufficient capacity to the condenser to balance the capacity added to second and third circuits by the compensator. After adjustment, the settings of the dials will be the same over the entire broadcast range.

YOUR PRICE

59c

List Price \$1.00

Stock No. 1663



DeJur 3 Stage Resistance Coupled Amplifier

Designed to give true reproduction to all tones. Moulded of genuine bakelite. Contains large condensers of .1 mfd. capacity. Metal strip wiring with riveted connections. Free booklet explains many uses. Size, 3/4x8 1/2 in.



YOUR PRICE

4⁷⁰

Stock No. 1665. List Price \$8.00

DeJur Three Stage Resistance Kit

Consists of three resistance coupled units with set of six matched resistors and three .1 mfd. moulded condenser. Free wiring diagrams.



YOUR PRICE

2⁴⁹

List Price \$4.50

Stock No. 1666

Daven Leakandensers

Replaces grid resistors and grid condensers, thus saving space. Unaffected by temperature changes or atmospheric conditions. Simplifies set construction.

Stock No.	Megohms	Your Price
974	2	59c
975	3	
976	4	
977	5	
978	7	
		List Price \$1.00



Ohmite Grid Leak

Accurate, permanent, noiseless. Resistance rod extends from end cap to end cap. No contacts to loosen or cause noises. Completely cemented against moisture.

Stock No. Megohms Your Price

466	.1	15c
467	.25	
468	.5	
469	1	
470	2	
471	3	List Price 30c
472	5	

Amsco Grid Gate Leaks

Colloidal metal elements. Absolutely quiet. A permanent resistor. Water-proof, heat-proof and age-proof. Fits all standard mountings.

Stock No.	Megohms	List Price	Your Price
1667	.1	\$0.65	\$0.39
1668	.25	.45	.27
1669	.5	.45	.27
1670	1	.45	.27
1671	2	.45	.27
1672	3	.45	.27
1673	5	.45	.27



WESTERN RADIO MFG. CO. Chicago



Daven Hi-Mu Tubes

Made in two types. Mu-20 tubes used as resistance in coupled amplifiers where the first two stages depend on the amplification of the tube to produce volume. It also proves to be a very satisfactory detector tube for any set. The Mu-6 type is intended for output stages of any set. Gives maximum signals without distortion and permits an increase in signal strength without overloading noises.

Stock No.	Type	List Price	Your Price
588	Mu-20	\$2.25	\$1.55
589	Mu-6	4.50	3.09
590	201-A	1.75	1.21

Daven Units and Resistors



Daven Hi-Duty Glastors

For use in 'B' Eliminators, signal telephone, telegraph, etc. Large heat radiating surface. High current carrying capacity.

Stock No.	Ohms	Megohms	Current Carrying Capacity in Mills
572	2,500	.0025	28.
573	5,000	.005	20.
574	8,000	.008	16.
575	10,000	.01	14.
576	25,000	.025	8.9

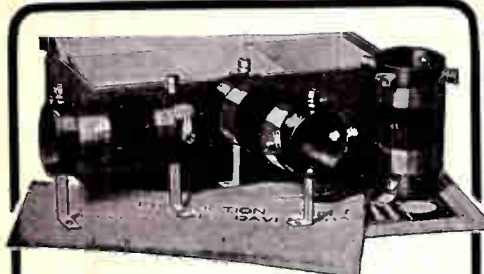
List Price \$1.00
Your Price 59¢



Daven Super Amplifier without Tubes

Three stages of audio frequency producing all tones from 25 to 15,000 cycles. Reproduces the highest and lowest tones that are broadcast. Black moulded bakelite equipped with Daven Glastors and Type 'A' condensers. Easily attached to any set. 'C' Battery connections on every tube to insure least 'B' Battery current drain and longest tube life. 10 1/2" long by 3 3/4" wide by 2 7/8" high.

Your Price **8⁸²**
List Price \$15.00. No. 594



Daven DRF Coils

Adapted to any tuned radio frequency circuit. Highly selective and sensitive. Gives greater volume. Used with variable condensers of .0005 mfd. capacity and covers complete broadcast range. Three coils.

Your Price **4⁷¹**
List Price \$8.00

Stock No. 980

Daven Type "A" Condenser

Used to improve resistance coupling. Capacity does not vary under changing weather conditions. A compact unit.

Stock No. 979
List Price \$1.00

Your Price **59¢**



DAVEN Grid Stabilizer

Used to control oscillations in radio frequency circuit. Placed in the input of the grid circuit. Wire wound resistor.

Stock No.	Ohms	Your Price
1001	200	45¢
1002	300	
1003	400	
1004	500	
1005	600	
1006	750	

List Price 75c



DAVEN Ballast Resistor

Regulates current for amplifying tubes automatically. Eliminates hand rheostat. Tubes operate at highest efficiency. Simplifies set construction. One Ballast will take care of from one to five tubes.

Stock No.	Type	Your Price
981	For one 1/4-amp. tube	59¢
982	For two 1/4-amp. tubes or one 1/2-amp. tube.	
983	For three 1/4-amp. tubes or one 3/4-amp. tube	
984	For four 1/4-amp. tubes or one 1-amp. tube	
985	For five 1/4-amp. tubes or one 1 1/4-amp. tube.	

List Price 1.00

DURHAM METALLIZED RESISTORS

A High Resistance Element that resists moisture. Noiseless and guaranteed to maintain its resistance value. Used as standard equipment by leading set manufacturers.

Stock No.	Megohms	List Price	Your Price
1061	1/10	75c	46¢
1062	1/8	30¢	
1063	1/4		
1064	1		
1065	2		
1066	3		
1067	4		
1068	5		



Your Price **43¢**
Adjustable from 0 to 50 megohms.
No. 473. List 75c



DAVEN GLASTORS

Made of Daven Processed glass instead of the usual fibre or paper. Noiseless and changeless. Carries the highest current encountered in radio.

Stock No.	Ohms	List Price	Your Price
966	1/10	75c	30¢
967	1/8	50c	
968	1/4		
969	1		
970	2		
971	3		
972	4		
973	5		

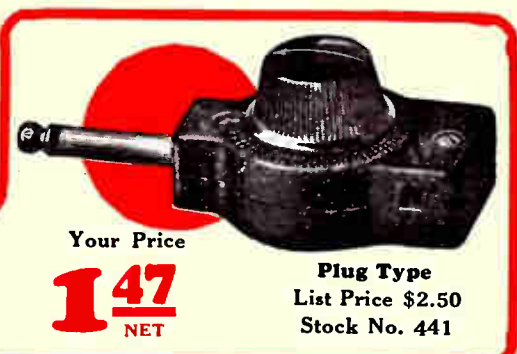
Always First In Values and Quality

PLUGS PRICED! RIGHT!



Cord Type
Your Price **1.47**
NET
List Price \$2.50
Stock No. 442

Centralab Modu-Plugs
A phone plug volume control which matches the impedance of the speaker with the output impedance of the set. Brings stations in at maximum volume and clearness. Made in two types—plug or cord.



Your Price **1.47**
NET

Plug Type
List Price \$2.50
Stock No. 441



Your Price **30c**
List Price 50c
Stock No. 956

Carter Flat Plug
Small, neat, compact. Cord tips held by screws. Provision for attaching stay cord.

CARTER One-Way Plug
Spring terminals hold cord tips tight. Moulded bakelite handle. Provision for attaching stay cord.
Your Price **30c**
List Price 50c
Stock No. 957

CARTER Tu-Way Plug
Same construction as one shown above. Can be used for two pair of phones.
Your Price **36c**
List Price 60c
Stock No. 958

Frost Plug
Permits use of one or two pairs of phones. Fits all standard jacks. Phone tips can be quickly inserted or removed. No tools necessary. Plainly marked terminals.



Your Price **45c**
List Price 75c
Stock No. 436

YAXLEY Extension Jack
YAXLEY No.100



For plugging in loud speaker or phone at distant points without moving the set.
Your Price **45c**
List Price 75c
Stock No. 491

Frost Single Bakelite Plug
Automatic. Cord tips snap in and out. Fits all standard jacks.
List Price 50c
Stock No. 145
Your Price **30c**



YAXLEY Plugs
Phone tips can be inserted without use of tools. Perfect contact. Cannot be disconnected unless handle is removed. Bakelite insulation made in single and duplex types.



YAXLEY No. 50
SINGLE
List Price 50c
Stock No. 439
YOUR PRICE **30c**

DUPLEX
List Price 60c
Stock No. 438
YOUR PRICE **36c**

Pacent Autoplug
Your Price **36c**
List Price 60c
Stock No. 807




Shock proof. Firm electrical contact on cord tips. Polarity indicated by red and blue push buttons. Bakelite shell. No screws. Fits all standard jacks.

FROST-RADIO FROST Extension
Connects loud speaker to set. Consists of long flexible cord, Frost plug and mounted jack.



No. Stock	Ft. Length	Price List	Your Price
482	10	\$2.00	1.18
483	20	2.25	1.33
484	30	2.50	1.47
485	50	3.00	1.77

American Extension and Plug
For securing reception at points distant from the set. Comes complete with cord and plug in the following lengths.



Stock No.	Length Ft.	List Price	Your Price
487	10	\$1.00	0.42
488	20	1.25	.52
489	30	1.50	.65
490	50	2.00	.98

Double Phone
Five-foot cord with four headphone tips. Tinsel lead wire.
List Price 50c
No. 486
Your Price **18c**



Jones MULTI-PLUG

THE STANDARD SET CONNECTOR

Prevents confusing of leads. All connections—antenna, ground, A and B batteries plugged in one operation. Cannot short circuit—100% fool proof. Complete with cable. Makes neater appearance than binding posts and extra cable and there is not much difference in price.



All Leads Different Colors
Your Price
Stock No. 1070
5 Wire Cable 4 Feet Long **89¢**
List Price \$1.50



1071—Panel Mount, 4 ft. long.....\$2.25 **\$1.33**
1072—Panel Mount, 8 Ft. Long..... 2.50 **1.47**
1073—Base Mount, 4 Ft. Long..... 2.50 **1.47**
1074—Base Mount, 8 Ft. Long..... 2.75 **1.62**



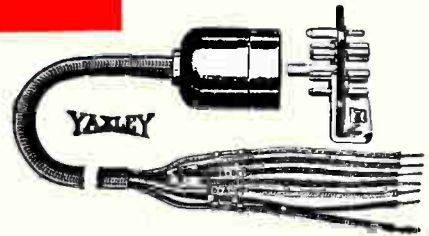
7 WIRE
1075—Panel Mount, 8 Ft. Long..... 4.50 **2.65**
1076—Base Mount, 8 Ft. Long..... 4.75 **2.80**



10 WIRE
1077—Panel Mount, 8 Ft. Long..... 5.50 **3.24**
1078—Base Mount, 8 Ft. Long..... 5.75 **3.40**
12 WIRE

PLUGS AND CABLES

Yaxley Cable Connector Plug



Short circuit is impossible with the Yaxley cable plug. Keyed plug cannot be inserted wrong. Phosphor bronze double contact springs mounted on bakelite. Pins of connector plate are brass, tinned for soldering. May be mounted on bracket. RMA standard color code also plainly marked. Fine quality cable, strands marked with Yaxley Markers. Six extra markers furnished.

Binding Post Type
Rubber insulation, mercurized cord.
Your Price
List Price \$3.50
Stock No. **2.06**
YAX670

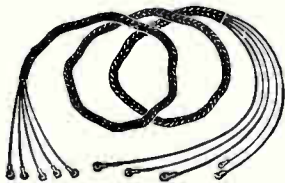
Base Mount
Rubber insulation, mercurized cord.
Your Price
List Price \$3.00
Stock No. **1.77**
YAX660

Binding post type with Acme Celatsite wire that does not corrode.
Your Price
List Price \$4.50
Stock No. **2.65**
YAX675

Base mount type with Acme Celatsite wire that does not corrode.
Your Price
List \$4.00
Stock No. **2.36**
YAX665

WESTRAD CABLE

Multi-color 5 Leads



Multi-color cable. Each lead of distinctive color to prevent confusion. Lug terminals. Prevents short circuits. Length, 5 ft.

Your Price **27¢** List Price 60c
Stock No. 476

Acme Celatsite Battery Cable

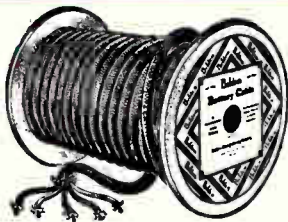
Will Not Corrode

An attractive thoroughly insulated cable for connecting A and B Batteries to the Receiving Set. No chance for wrong connections and "blown" tubes. Five, six, seven or nine different colored flexible Celatsite wires enclosed in a brown Rayon braid. Satisfies the buyer who wants the best.

Stock No.	Type	Length Ft.	Conductors	List Price	Your Price
504	RC 3	5 ft. long	5	\$0.90	\$0.54
505	RC 42	5 ft. long	6	1.10	.65
506	RC 45	5 ft. long	7	1.25	.74
507	RC 60	5 ft. long	9	1.55	.93



Belden Battery Cable



Five, six, seven and nine leads. Each lead has separate color. 100 ft. on spool.

Stock No.	Leads	Your Price Per Ft.	Your Price Per 100 Ft.
514	5	\$0.04	\$3.50
515	6	.05	4.50
516	7	.06	5.50
517	9	.07	6.50

YAXLEY Cable Markers

Easily read markers. Eleven markers to set. Markers are: A, A—, B—, C, C—, B Det., B Amp., B RF, B PR, Ant., Grd.

Your Price
List Price 25c
Stock No. 481 **17¢**



VIMCO Dial Light

Lights up the dials—no flare or shadows—can be adjusted to any position. Attached to any house circuit. The base of white metal is heavily weighted to prevent tipping—as accurately constructed as a watch. Extra long length of silk cord and two piece attachment plug. Finished in rich soft bronze.

Your Price
List Price 3.85
Stock No. 1049 **2.30**

Always First In Values and Quality



ACME Solid Celatsite Wire

Non-inflammable. Made of No. 14 tinned copper wire, insulated. Can be bent and rebent without cracking. Moisture proof. Strips easily for soldering. Unequaled for wiring radio receiving and transmitting sets, and battery eliminators. 2 1/2 feet lengths.

Stock No.	Color
811	Black
812	Red
813	Brown
814	Green
809	Yellow

List Price .09 Per Length

Your Price
2 1/2 ft. lengths

6c

Your Price
100 ft.—
40 lengths

2.00

Set Builder's Supplies



Acme Spaghetti Tubing

High dielectric strength. Long life. Extremely flexible. A perfect tubing for radio and other electrical uses. Glossy finish. Bright, clear colors. 2 1/2 feet lengths.

Your price
per 2 1/2 ft.

7c

Stock No.

493
494

Color
Yellow
Black

List price (2 1/2 ft.) 12c

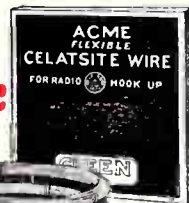
ACME Flexible Celatsite Wire

For sub-panel wiring where flexibility is required. Made of the finest strands of tinned copper twisted together and covered with non-inflammable insulation. 16 strands of No. 30 tinned wire making it size No. 18. Will not crack. Will stand high voltage. 25 foot coils.

Stock No.	Color
816	Black
817	Red
818	Brown
819	Green
823	Yellow

List Price Per
Coil 80c
Your Price

Per
Coil **45c**



Belden Hookup Wire

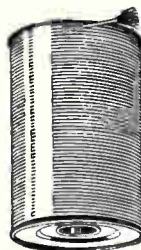


Square and round hook-up wiring tinned for soldering. Easy to bend. No. 14.

Stock No.	Type	Your Price 10 ft.	Your Price 100 ft.
495	Square	\$0.08	\$0.65
496	Round	.07	.60

Acme Silk Loop Aerial Wire

For winding radio loops. Green silk cover wire. 125 feet to a spool. Treated to prevent stretching.



Your
Price
125 ft.
Spool

85c

List Price 1.50
Stock No. 492

ACME Enameled 7 Strand

An excellent wire for outside aerials. Enameled insulation between strands. Stranded aerial present large surface area and prove to be highly efficient.

Stock No. 553

Your Price 100 ft.

37c

ACME 7-Strand Copper Aerial Wire

Your Price
100 ft.

27c

Makes the best type of aerial. Genuine copper wire. Furnished in 100-ft. coils only. Stock No. 552

ASSORTMENT for
EVERY RADIO BUILDER
SCREWS-NUTS
WASHERS-LUGS
PARTS FOR EVERY NEED



Screw Assortment

A handy set containing all sizes and types of screws. Meets the requirements of every set builder.

Your Price

24c

List Price 50c

Stock No. 541

Flexible Stranded Rubber Covered

For connections within the set to batteries, a aerial and ground.

Your Price
25 ft.

List Price 25c
No. 526

16c

14 B. S. Lead In Weatherproof

Stock No.	Length, ft.	Your Price
555	50	\$0.41
556	100	.80

Genuine Belden Magnet Wire

Size	Your Price Double Cotton		Your Price Double Green Silk	
	1/4 lb. Spools	1/2 lb. Spools	1/4 lb. Spools	1/2 lb. Spools
18	\$0.19	\$0.30	\$0.28	\$0.51
20	.20	.34	.32	.57
22	.23	.37	.37	.68
24	.26	.41	.44	.78
26	.32	.51	.52	.92



Finest quality low resistance copper wire.

Eagle Window Lead In



Fits under window and permits it to close. Eliminates porcelain tubes.

Your Price

8c

List Price 25c
Stock No. 559

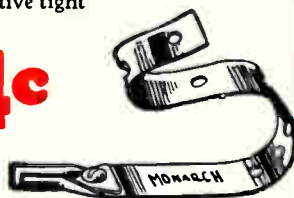
Ground Clamp

For connecting to round rods or pipes. Positive tight connections.

Your
Price

4c

List Price 8c
Stock
No. 561



Porcelain Cleats

A high grade insulator.

Your
Price
Per Pair

4c

Stock No. 565

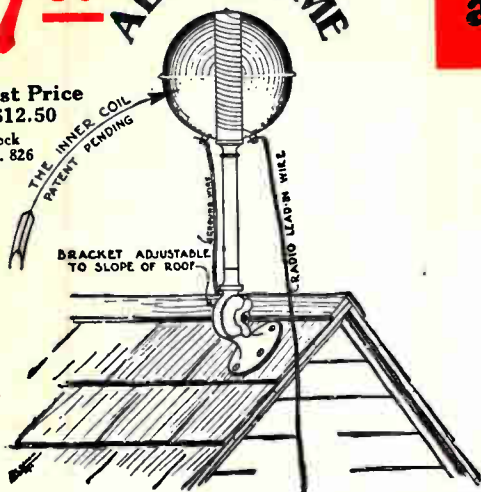
WESTERN RADIO MFG. CO. Chicago

Your Price

7³⁵ THE **AERO-DOME**

List Price \$12.50

Stock No. 826



Coast-to-Coast Aerial

More selective and brings in stations. Reduces static. Holds radio on wave length regardless of electrical interference. Eliminates unsightly wires. Does not break under snows. Increases reception. Nothing to break and come in contact with electrified wires, causing short circuits and fires. Indorsed by radio experts and engineers.



Your Price

90c

List Price \$1.50
Stock No. 558

Ducon Socket Aerial

Plugs in light socket makes tuning sharper and reduces static.



Eby Posts Engraved Heads

Non-removable cap. Rounded heads neatly engraved. Large holes for wires. Comes in following engraving:

Ant.	B	135	Long	150
GND	Bat	Volts	Ant.	Volts
A	Bat	+	Short	A+
B	Det	C	Ant.	Bat
A	Bat	+	Loop	B-
B	Amp	C	Phone	Plain
-	+	Bat	+	Post
		+		not
				marked

Be sure to specify type when ordering.

Your Price, Ea.

List Price 15c **9¹/₂c**

Stock No. 430

AERIALS and Binding Posts

W. E. B. B. Aerial Mast

Webb aerial masts present an attractive and decorative appearance, and permanently support an efficient outside aerial. They will adjust to any angle. The ball and socket joint is a feature not found in other masts. Each mast is attractively finished in black enamel. 1-inch pipe size.

Your Price

1⁸⁰

List Price 3.00

Stock No. 851



Brass Spring Aerial

A very efficient aerial that gives considerable aerial length in short distance. For indoor and outdoor use.

Your Price **45c** Stock No. 554

Marco Tape

Makes a splendid inside aerial. Can be put under the rug or around the moulding. Very sensitive.

Your Price **37c** List 60c Stock No. 557



X-L Push Binding Post

The X-L "Push Post" a binding post that really does excel in looks, action, service and convenience. No screwing—no shearing of wires—no jarring loose. Large convenient hole. Easy to enter wires. Furnished attractively plated with the following designations.

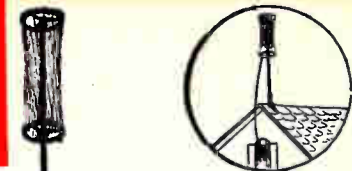
Aerial	A Battery -	B Battery 135	B Battery +
Ground	A Battery +	B Battery 45	Loop
Loudspeaker	B Battery -	B Battery 90	Short Aerial
Phones	B Battery 22½	B Detector	Long Aerial
C Battery -	C Battery +	B Amplifier	A+ B-

List Price 15c

Stock No. 1660

Specify Type
Your Price

9¹/₂c
Each



Your Price

5⁸⁸

List Price 10.00

Stock No. 829

Supertron Cage Antenna

Supertron improves reception on local and distant stations. Eliminates interference. Makes tuning sharper and picks up the weaker signals. Makes any good set play better. On a roof-top—window ledge—against the wall—anywhere outside is the right place. The universal bracket is adaptable to any position.



Complete Aerial Kit

All the equipment for an aerial in one package. Contains 100 ft. 7 stranded copper wire, approved arrester, 2 3-inch aerial insulators, 1 approved ground clamp, 4 Nail-It knobs, 1 lead-in, 2½ in. screw eyes and 50 ft. lead-in wire.

Your Price **1⁰⁵** List Price 2.75
Stock No. 551



X-L Posts on Bakelite Strip

Handsome polished panel with seven mounted push posts and the following attractive white engravings, Aerial, Ground, A-, A+, B-, B Det. and B Amp. Packed one in a box, complete with soldering lugs, raising bushings, screws for mounting, etc.

Your Price

Stock No. 1661

List Price 1.50

95c

Always First In Values and Quality



Approved Lightning Arrester

Your Price Fully approved by Underwriters Laboratory. For indoor or outdoor use. Made of best grade porcelain. Positive action. Cannot fail.

15c

List Price 40c Stock No. 568

Knailit Porcelain Knob

A porcelain knob equipped with a long spike for aerial work.

Your Price

3c

Stock No. 567

6" Porcelain Tubes

For use to bring in lead in wire.

Your Price

4c

Stock No. 566

Glass Insulators

Non-conductive. Will stand considerable strain. 4" long.

Your Price Your Price,
Ea. 100

List, Ea. 20c

7c | **6⁰⁰**

Stock No. 563



Composition Insulators

For use in aerial insulation. High tensile strength.

Your Price, Your Price,
Ea. 100

6c | **5²⁵**

Stock No. 564

Porcelain Insulators

Holes at each end. Best grade porcelain. 3 1/4" long.

Your Price
Ea. **4c**

Your Price
100 **3²⁵**



Stock No. 562

Rock Bottom Prices

Muter Interference Eliminator and Static Reducer

Your Price

147

List Price \$2.50
Stock No. 1800



Can be easily and quickly attached to receiving set without the use of tools. Capable of tuning out nearby powerful stations when they are not wanted. Black moulded bakelite case. 3 1/2" in diameter.

Electrad Lead-In

Triple ply. Waterproof. Fahnestock clips. Connections riveted and soldered. Fits under window as shown in illustration.



YOUR PRICE

24c

List Price 40c

Stock No. 571

Switch Points

Nickel plated buffed convex head. Sharp smooth threads. Two nuts.

Your Price
Lots of 10

10c

Your Price
Lots of 100

75c

Stock No. 784



YOUR PRICE

45c

List Price 75c

Stock No. 569



Jewel Arrester

Approved by Underwriters Laboratories. Easy to connect. Marked binding posts. Brown porcelain case.

Ekko Clamp

For ground wire and battery terminal contacts. Bites through paint and corrosion making good electrical contact.



Your Price

17c

List Price 25c

Stock No. 560

Marco Bakelite Switch

No.	Type	List	Your Price
527	Single pole, single throw....	\$0.60	\$0.36
528	Single pole, double throw....	.70	.42
529	Double pole, double throw....	1.00	.60

Miniature switch. Polished nickel binding post, lever and jaws.



Porcelain Knife Switch

No.	Type	List	Price
530	Single pole, single throw....	\$0.25	\$0.14
531	Single pole, double throw....	.35	.22
532	Double pole, single throw....	.40	.24
533	Double pole, double throw....	.50	.32

Porcelain base. Compact sturdy construction. Firm electrical contacts.



Switch Stops

Nickel plated and buffed. Smooth threads and easy running nut.

Your Price
Lots of 10

10c

Stock No. 783



Switch Lever

Large tapered knob. Black moulded. Adjustable 3/4" to 1 1/2".

Your Price
11c

List Price 20c

Stock No. 534

WESTERN RADIO MFG. CO. Chicago



Your Price

1⁸⁰

List Price \$3.00
Stock No. 540

Drake Soldering Iron

A 70-Watt iron designed for radio work. A No. 4 Nichrome wire heating element wound on lava spool. Guaranteed. Metal finished in nickel and brass. Removable 3/8" hard drawn copper tip. Six-foot cord and plug. 12" long. 110-Volt, A. C. or D. C.

Values In Tools and Books



Set of Six Wrenches

Your Price

75c

List Price \$1.25—Stock No. 543

Six tools in one. A socket wrench that fits 1/4, 3/8, 1/2, 5/8, and 3/4 inch hexagonal nuts and round knurled nuts up to 3/8 inch. A handy tool for every set builder.

Your Price

1²⁰

List Price \$2.00
Stock No. 539

Drake Junior Iron

A 50-Watt iron of dependable construction. No. 4 Nichrome wire heating element wound on lava spool. Guaranteed. Nickel and brass metal parts. Removable 5/8 in. hard drawn copper tip. 12 inches. Six-foot cord and plug. 110-Volt A.C. or D.C.



7-Inch Lineman's Pliers



Forged steel lap joint. Tempered heavy duty jaws. Polished head. Gun metal handles.

Your Price

85c

List Price \$1.50
Stock No. 546

Tinned Solder Lugs



A practical lug for set building. I need no soldering.

Your Price Per 100

25c

Your Price 1200

1⁷⁵

Stock No. 535



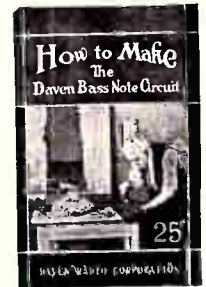
Daven Resistor Manual

A complete handbook upon the use of Resistance Coupled Amplification.

Your Price

17c

List Price 25c
Stock No. 986



5-Inch Diagonal Pliers



Strong oval faced cutting jaws. Properly tempered. Nickel finished.

Your Price

54c

List Price \$1.00
Stock No. 547

Hand Drill



Your Price

1⁵⁰

List Price \$3.00
Stock No. 545

3/4 in. capacity chuck. Hollow mahogany finished handle to hold extra drills. Black Japanned Malleable frame. Red gear wheel with cut teeth.



KESTER ROSIN CORE SOLDER

Hollow ribbon of genuine lead with a rosin core. No paste required. No fumes, Will not corrode.

Stock No. Size List Price Your Price
536 1/4 lb. Can. \$0.25 **\$0.17**
537 1 lb. Spool. **.05**

Long Nose Pliers



A handy tool for set builders. Reaches difficult places. Well tempered cutting jaws. Nickel finish.

Your Price

65c

List Price \$1.25
Stock No. 548

Consrad Radio Books

Stock No.	Title	List Price	Your Price
381	1001 Radio Questions and Answers.....	\$0.50	\$0.33
382	Radio News Amateurs Handy Books.....	.50	.33
383	Television.....	.50	.33
384	Radio News Super-Heterodyne Book.....	.50	.33
387	150 Radio Hook-ups.....	.25	.17
389	Radio Trouble Finder.....	.25	.17

Champion Screw Driver



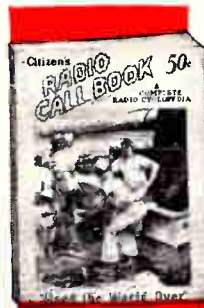
Fluted black rubberoid finish handle. Full nickel ferrule. Tempered steel blade. 8 in. long.

Your Price

15c

List Price 30c
Stock No. 549

Citizens Call Book



Contains complete up-to-date list of all broadcasting stations in the world, a complete picture section and beautifully illustrated construction articles showing how to build latest circuits.

Your Price

33c

List Price 50c
Stock No. 391

Folding Rule



Graduated to 1/16". Canary yellow finish. Tempered blue spring steel joints. 6 feet length.

Your Price **35c**

List Price 60c
Stock No. 550

S. Gernsback's Radio Encyclopedia

List Price \$2.00
Stock No. 386

Your Price **1⁵⁰**

Always First In Values and Quality

Electrical Appliances for the Home

Little Sunbeam
GUARANTEED ELECTRIC IRON



Sunbeam
THE GUARANTEED ELECTRIC IRON

Preferred by housewives all over America. Guaranteed to give more years of good service than any other iron made. Heating elements spreads over entire sole plate. Will not be harmed by hours of continual heat. Double nicked and polished. Case permits putting hot iron away without danger of fire.

Without Case
Your Price
4⁹⁵

With Case
Your Price
5⁶⁷

List Price \$7.50
Stock No. 1050

List Price \$8.50
Stock No. 1051

Sunbeam
PATENTED
TOASTER

Toasts bread flat over rising heat. Twice as quick as average toaster. Bread lies directly over heating elements. Patented rack turns over two pieces of toast at one time. Double handles on each side of turn over. Heavily nickel plated. Fine construction throughout.

Stock No. 1057

List Price \$8.00

Your Price

5³³



Built like the famous iron but on a miniature scale. Heavy enough to do efficient ironing and light enough to be carried anywhere. Comes complete with patented fire-proof case. All over heating element. Weight 3 lbs.

List Price
\$6.00

Stock No. 1056
Your Price

3⁹²

De-Jur Three Heat Iron

An efficient iron with adjustable temperature. Can be set at low, medium and high heats for any kind of ironing work. Nickel plated. Well designed and perfectly balanced. Comes complete with extension cord.



List Price \$8.75
Stock No. 1059

Your Price
5⁶⁹

Gold Seal Bowl Heater

An efficient bowl reflector type of heater. 14 in. solid copper reflector. Heavy cast iron base. Cone shaped nichrome element. Cool handle. Bronze finish. Black and gold heater cord.



List Price \$5.00
Stock No. 1025

Your Price
3²⁷

ELEMENTS
Heater elements for all standard heaters. Porcelain core and nichrome wire.
List 60c
No. 1017
Your Price
40c

Princess Iron

List Price \$4.25
Stock No. 1052

Your Price
2⁸⁴

A high grade practical iron. Made of good materials by the manufacturers of the famous Sunbeam. Heating unit hand made and hand wound. Nickel plated drawn steel top. Cool ebonized handle. Shielded plug. Monel metal terminals. 6 ft. extension cord. Nickel plated stand.

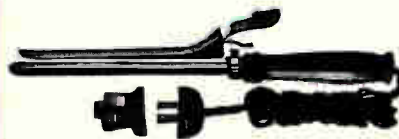


Gold Seal Boudoir Iron

List Price \$1.00
Stock No. 1007

Your Price
66c

A handy well balanced iron. Genuine nichrome element, easily replaceable. Brass tube and detachable brass clamp. Detachable plug. Long cord.



WESTERN RADIO MFG. CO. Chicago

Electrical Goods of Quality



Drake Vibrator

A very popular appliance. Noiseless. Magnetic type. Requires no oil. Set includes three different types of applicators, seven-foot cord and plug, the vibrator, all packed in an attractive leatherette carrying case. Alternating current only. Guaranteed for five years.

List Price \$10.00
Stock No. 1058

Your Price
6⁵⁰



Gold Seal Hot Plate

A convenience for every housewife. Heats up quickly. Can be placed anywhere. Nichrome element. Asbestos covered heater cord.

List Price \$2.30
Stock No. 1018

Your Price
1⁵⁰

Gold Seal Double Hot Plate

Large heating surface. Heats up quickly. A convenience for any home. Nichrome element.

List Price \$5.00
Stock No. 1019

Your Price
3²⁷



Gold Seal Waffle Iron--Full Size Waffles

Cast aluminum grids and ebony fittings. Nichrome element. Drip pan prevents batter from falling on table. Makes waffles 7 1/4" in diameter. Excellent material throughout. Provided with black and gold cord.

List Price \$7.50
Stock No. 1031
Your Price

4⁹⁰

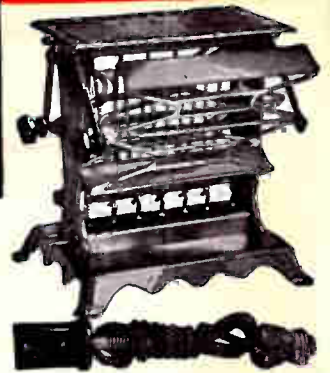


Gold Seal Urn Percolator--8 cup

Percolates in one minute. Makes delicious coffee completely in 15 minutes. Tapered spout. Nichrome element. Cool composition handle. Handsome finish. Comes complete with cord and plug.

List Price \$5.50
Stock No. 1012

Your Price
3⁶⁰



Gold Seal "Big Boy" Reversible Toaster

Toasts two slices at one time. Heat evenly distributed from edge to edge. Racks large enough for any slice. Simple mechanical turning arrangement. Nichrome heating element. Substantially constructed. Nickel plated finish.

List Price \$3.50
Stock No. 1008

Your Price
2³⁰



Gold Seal Heating Pad Triple Heat

Elements will not get out of place. Will not get too hot; 100 percent safe. Bag is of eiderdown, thick and soft.

Stock No.	Color
1021	Tan
1022	Blue
1023	Gray

List Price \$5.50
Your Price

3⁶⁰

Gold Seal Urn Percolator 10 Cup

Equipped with Gold Seal quick percolating unit. Nichrome element. Fitted with spout. Handsomely finished. Attractive for table or buffet. Complete with cord and plug.

List Price \$7.00
Stock No. 1011

Your Price
4⁵⁸



Always First In Values and Quality

PHILCO



Philcotron Replacement Cells

"AA" Philcotron

Part K463

List Price \$4.00



Your Price **2⁶⁰**

"A" Philcotron

Part K458

List Price \$3.00



Your Price **1⁹⁵**

"B" Philcotron

Part K457

List Price \$1.00



Your Price **65^c**

PHILCO "A-B" Socket Powers Equipped with Philco Current Economizer

Converts ordinary electric house current into smooth hum-free radio power and delivers it to any radio at the correct filament and plate voltage. Types are provided for D. C. as well as 25, 30, 40, 50, 60 cycles A. C. Permanently connected to the house current and radio. Wires enter at the back and all connections are INSIDE. Handsome brown crystal cabinets unmarred by outside terminals and wires. Ample size to meet even the exacting demands of large radio sets with power tubes.

6-180 Volt "A-B" Socket Powers

For sets using six or more tubes, including 112 or 171 Power Tube

Provide 180 volts at 60 milliamperes and contain specially large "A" Battery

Type	Control	"A" Rectifier	115 Volts A.C. Cycles	List Prices	Your Price
*AB-686	Relay	Philcotron	50, 60	\$49.50	\$29.70
*AB-386	Relay	Dry	50, 60	59.50	35.70
*AB-382	Relay	Dry	25, 30, 40, 50, 60	69.50	41.70

Over All Dimensions: Width, 13 $\frac{3}{8}$ in.; Depth, 14 in.; Height, 8 $\frac{1}{2}$ in.

6-150 Volt "A-B" Socket Powers

For sets using six tubes or less, including 112 or 171 Power Tube

Provide 135-150 volts for "B" circuit and full-size Trickle Charge "A" Battery

		"B" Rectifier	115 Volts A.C. Cycles	List Prices	Your Price
AB-663	Switch	Philcotron	50, 60 Cycle	\$39.50	\$23.70
*AB-656	Relay	Dry	50, 60		
*AB-356	Relay			49.50	29.70
AB-623	Switch	Philcotron	25, 30, 40, 50, 60		
*AB-652	Relay				

Over All Dimensions, AB-663, AB-623: Width, 13 $\frac{3}{8}$ in.; Depth, 12 $\frac{1}{2}$ in.; Height, 8 $\frac{1}{2}$ in. AB-656, AB-652, AB-356: Width, 13 $\frac{3}{8}$ in.; Depth, 12 $\frac{1}{2}$ in.; Height, 8 $\frac{1}{2}$ in.

4 Volt "A-B" Socket Powers

For any number of 199 tubes, including 120 Power Tube

		"B" Rectifier	115 Volts A.C. Cycles	List Prices	Your Price
AB-463	Switch	Philcotron	50, 60 Cycles	\$39.50	\$23.70
AB-423	Switch	Philcotron	25, 30, 40, 50, 60	44.50	26.70

Over All Dimensions: Width, 13 $\frac{3}{8}$ in.; Depth, 12 $\frac{1}{2}$ in.; Height, 8 $\frac{1}{2}$ in.

Radiola-28 Remote Control 4 Volt "A-B" Socket Power

For Installation in Radiola-28 Cabinet

Type AB4635

"A-B" socket power provided with remote relay control. Operates on 115 volts, 50 or 60 cycles A. C. Uses type A Philco Trons.

List Price \$44.50

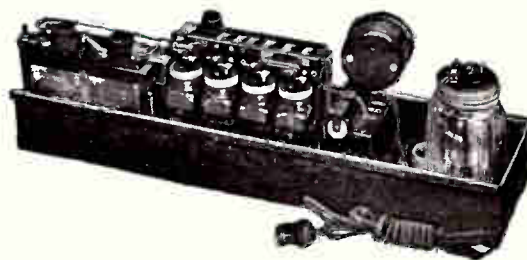
Your Price **26⁷⁰**

Type AB4235

Another type of "A-B" socket power suitable for radiola 28. Remote relay control. Uses type A Philco Trons rectified. Operates on 115 volts, at 25, 30, 40, 50, and 60 cycles A. C.

List Price \$49.50

Your Price **29⁷⁰**



Over all dimensions of either type are: Width 25 in.; depth 6 $\frac{1}{2}$ in.; height 8 in.

WESTERN RADIO MFG. CO. Chicago

Balkite B-W



Replaces "B" Batteries in sets having 5 tubes or less and requiring 67 to 90 volts. Separate tap for detector tubes. Entirely noiseless. A permanent piece of equipment that will not wear out. No tubes to burn out. Requires no adjustments. An economical source of "B" Power, 110 to 120 Volts, 50 to 60 cycles. Special models for 25-40 cycle. $3\frac{1}{8}'' \times 7\frac{7}{8}'' \times 8\frac{3}{4}''$ high.

Stock No. B.W. 295 **\$11⁰³**
List Price . . . \$22.50
YOUR PRICE . . .

FANSTEEL

Balkite Radio Power Units and Chargers

Balkite B-135

An improved "B" Power supply for any set using any type of tube including 112. Large condenser capacity produces remarkably smooth and uniform output. Output 40 milliamperes at 135 volts. $4\frac{1}{2}'' \times 8\frac{3}{4}'' \times 8\frac{1}{2}''$ high. 50 to 60 cycles. 110-120 volts.



Stock No. B-135 **\$17¹⁵**
List Price . . . \$35.00
YOUR PRICE

Balkite B-180

Improved "B" Power Unit for all sets using any type tube including 112 and 171. High condenser capacity produces uniform output. Meets the "B" Power demand of every large set where volume and tone quality are required. Intermediate taps for small sets. 55 milliamperes at 180 volts. $4\frac{1}{2}'' \times 12\frac{3}{4}'' \times 8\frac{3}{4}''$ high. 50-60 cycles. 110-120 volts.



Stock No. B-180 **\$20⁸³**
List Price \$42.50
YOUR PRICE

WE GUARANTEE SATISFACTION

We GUARANTEE that you will be satisfied with the quality of the merchandise you buy from us and that all goods are exactly as represented in our catalog. All goods are in original packages and are clean fresh stock. If, for any reason, you are not satisfied that you have received a full measure of value, you are at liberty to return the goods to us at once, and we will refund your money.

Balkite Charger Model J



A rapid charger for 4 or 6 volt "A" Batteries. Two charging rates. Low rate for continual use to keep battery at full power. High rate for heavy duty use. Noiseless in operation. 110-120 volts, 50 to 60 cycles. Rates: 2.5 amperes high; .5 ampere low. Special models for 25 to 40 cycle. $5\frac{3}{8}'' \times 8\frac{3}{4}'' \times 7\frac{3}{8}''$ high.

Stock No. J-297 **\$8⁵⁷**
List Price . \$17.50
YOUR PRICE

Balkite A Model 6



Replaces "A" batteries entirely and supplies "A" current from the light socket. Requires no accessories. Noiseless. No tubes to burn out or replace. Uniform current. No adjustments.

Very economical. Serves all standard sets where a 6 volt battery is now used. 110-120 AC, 50 and 60 cycles. $6'' \times 10\frac{3}{4}'' \times 8\frac{3}{4}''$ high.

Stock No. B.A. 6 **\$17¹⁵**
List Price \$35.00
YOUR PRICE

Balkite Trickle Charger Model K



A very popular trickle charger for sets of 6 tubes or less. Charging rate .5 ampere. May be left permanently connected to battery thus keeping it fully charged at all times and serving as a complete "A" power unit. 110-120 AC, 50 or 60 cycle. $2\frac{3}{4}'' \times 5\frac{1}{4}''$ high.

Stock No. K. 294 **\$3⁶⁷**
List Price . . \$7.50
YOUR PRICE

Balkite Charger Model N



Large Trickle Charger to serve large sets and power tubes. Has two rates, .5 and .8 amperes. The first rate for sets up to 5 tubes. The second rate for sets up to 8 tubes including tubes. 110-120 volts, 50 or 60 cycle. Special model for 25 to 40 cycles. $4\frac{1}{2}'' \times 7\frac{1}{2}'' \times 6\frac{1}{4}''$ high.

Stock No. B.N. 296 **\$4⁶⁵**
List Price . . \$9.50
YOUR PRICE

ALL BALKITE Units are designed for 110-120 AC, 50-60 cycles. Write for prices on special models for 25-40 cycles.

These
Are Latest
Prices on
BALKITE
UNITS



BALKITE "A-B"



Model 6-135

Output 6 volts 2 amperes "A" current. 40 milliamperes at 135 volts "B" current. Serves any set using 6 volt "A" batteries and 201-A or 112 tubes. $10\frac{1}{4}'' \times 18\frac{1}{2}'' \times 7\frac{3}{4}''$ high.

Stock No. A. B. 6135
List Price \$64.50 **\$31⁶⁰**
Your Price

Replaces both "A" and "B" batteries and supplies "A" and "B" current from light socket. A complete batteryless, electric radio power unit. Requires no accessories. Operates only while set is in operation. Requires no adjustments. Nothing to break or wear out.

Model 6-180

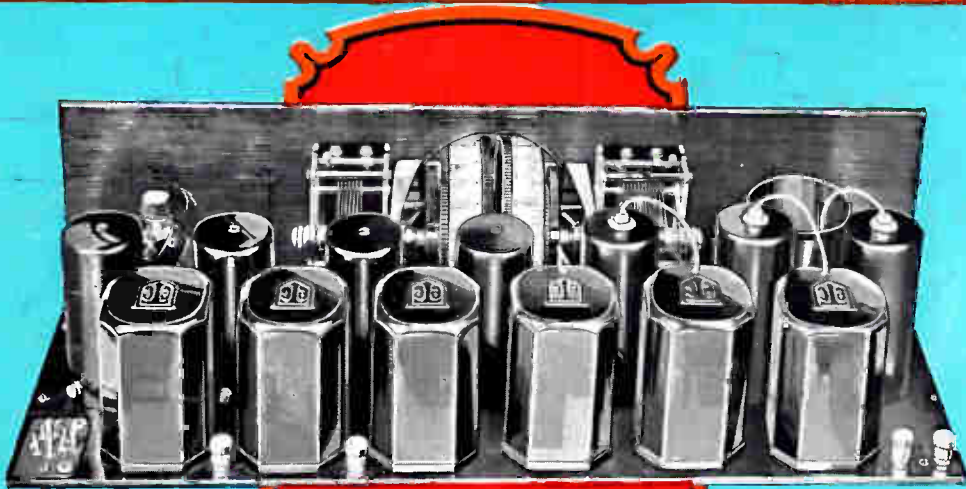
6 volts 2 amperes "A" current. 55 milliamperes 180 volts "B" current. Serves any set using 6 volts and any type of tubes including 112 and 171. $10\frac{1}{4}'' \times 18\frac{1}{2}'' \times 7\frac{3}{4}''$ high.

Stock No. A. B. 6180
List Price \$74.50 **\$36⁵⁰**
YOUR PRICE

BALKITE "A" and "A-B" Units are batteryless. They do not employ batteries in any form. They do away with chargers, batteries, relays and switches. Puts an end to run-down power. Proven successful units.

Tyrman "70"

Shielded Grid Amplimax



Comparative tests made in all parts of the country under every conceivable condition has proved that the Shielded Grid principle upon which the Tyrman "70" is based overshadows all other receivers. Signals are received with minimum length of aerial at one-half maximum voltage, resulting in smooth, undistorted, pleasing performance.

For complete lists of parts and detail descriptions of the Tyrman "70", see page 29.

List Price \$127. Stock No. 2604

The Tyrman "70" is especially designed for the Shielded Grid Tube, producing amplification ten times greater than obtained from the ordinary tube. The Tyrman "70" is not an addition of any old circuit. It is a new circuit for a new tube. Set builders are establishing new records in radio receptions with the Tyrman "70".

\$74.⁶⁸/₁

Nationally Advertised

5 Points of SUPERIORITY

- 1**—Sensitivity never approached before by any receiver.
- 2**—Amplification of weakest signals at a ratio of 50 per stage.
- 3**—Tube plate impedance for intermediate coupling.
- 4**—Hairline Selectivity—Power—Faithfulness of tone.
- 5**—Low current consumption of 22 mill. B and 1 ¼ Amp. A permits full A. C. of battery operation.



Standard Merchandise

The Shielded Grid Tube
The Shieldplate Type SP 122 Shielded Grid Tube is designed as a voltage amplifier in radio frequency circuits specially constructed for its use and also as a space charge grid tube for impedance or resistance coupled audio frequency amplification. Its construction is entirely different from the conventional design.

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