

WESTERN RADIO



Satisfaction
Guaranteed

SEND NO
MONEY

\$74³⁵

LIST PRICE \$140⁰⁰

Westrad 7 Tube

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.

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

Majestic Special Master-B

Similar in design and appearance to the Master-B but equipped with four B+ taps for 22½ V., 67½ 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.

The cabinets that contain Majestic-B Eliminators are finished in rich black crystal enamel Bakelite panel. Complete with extension cord and attachment plug. Dimensions: 10 1/4" deep, 5 1/2" wide, 8" high.

Standard Radio Products of Proven Quality

THE WESTERN RADIO MFG. CO., of Chicago has built its business on the solid foundation of quality Radio merchandise at honest prices. Every product listed in this big catalog is made by a nationally known, responsible manufacturer and is fully guaranteed to satisfy or money back.

We want your good-will and complete confidence and we know that the only way to get it is to carry reliable merchandise at lowest prices. You will be repaid in prompt service, in a cash saving and satisfaction by always ordering from Western Radio Mfg. Co., of Chicago, The Big Friendly Radio House.

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.

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.

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

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.

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.

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 offered 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.

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

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.

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.

I pledge you fullest satisfaction
S. Saldinger
Pres.

Only the Best in Radio At Lowest Prices

Radio Engineers Recommend 7 Tubes for Greater Set Efficiency

All WESTRAD Sets Are 7 Tube—



Single or Dual Control

The WESTRAD-7 is arranged for single or dual control. A pin locks the knurled disks together which permits operation as a single control set. Remove the pin and each tuning disk is operated individually. Note the construction of the receiver panel as shown above. Actually there are but two controls on this entire 7-tube set—the Tuning Dial and the Volume Control Knob which is also a filament switch.

Each Set Thoroughly Tested

No expense of time, effort or material has been spared in the production of the efficient WESTRAD-7. It has been built to give satisfaction in distance, volume, tone quality, selectivity, and ease of control. *Each receiver undergoes two thorough tests before shipment.* Tests are made to determine the balance and perfection of the parts. Not only to see if the parts are in perfect operating condition, but also to check the harmony in which they work together. Then an actual operating test is given on the air to check the set for tone, sensitiveness and selectivity. *When a WESTRAD-7 is shipped—it is ready for real reception.*

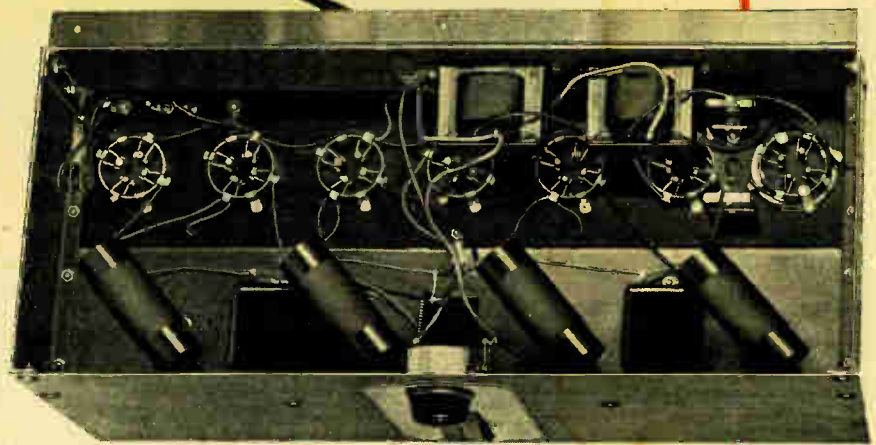
The 7-Tube WESTRAD —A Remarkable Radio Value

NEVER, since we have been in the radio business, have we offered such an ideal receiver. A receiver that gets coast-to-coast reception. One that is highly selective and that possesses tones that are big in volume and true in quality. Engineers have experimented and tested circuits without end—until they have produced the WESTRAD-7.

Simplicity of tuning is an outstanding feature of the new WESTRAD. Arranged for single or dual control, stations can be tuned in with one finger. The volume is controlled with a single knob that gives complete control from a whisper to a roar. This same knob operates the filament switch and turns the set "on" or "off." This combined feature decreases the number of controls on the panel thereby simplifying tuning and improving the appearance of the panel. There are four stages of highly efficient tuned radio frequency amplification. This eliminates interference, permits fine tuning and increases the sensitivity of the set.

Bronze-Plated Metal Shields Coils and Wiring

The coils and wiring of the set are thoroughly shielded by bronze-plated metal. All insulating material is genuine bakelite. Special cradled condensers with reinforced plates are used. These condensers do not require trimmers or equalizers to complicate tuning.



There are seven positive contact sockets with a cushion socket for the detector. The radio frequency transformers are extremely efficient compact solenoids with minimum stray fields.

To insure safety in shipment this chassis is shipped separately and the consoles or cabinets are shipped separately

Sets shown on pages 5, 6, 7, 8, 9, 10 [except the Traveler] and front cover, are equipped with this Chassis

Always First In Values and Quality

Why WESTRAD-7 GIVES BETTER RECEPTION

Celluloid scales
easy to read

Easy tuning
bakelite drums

Removable plug to
permit single or
dual control

Sturdy
low loss
condensers

Cushion
socket
for
detector

Adjustable
stators
eliminate
trimmers

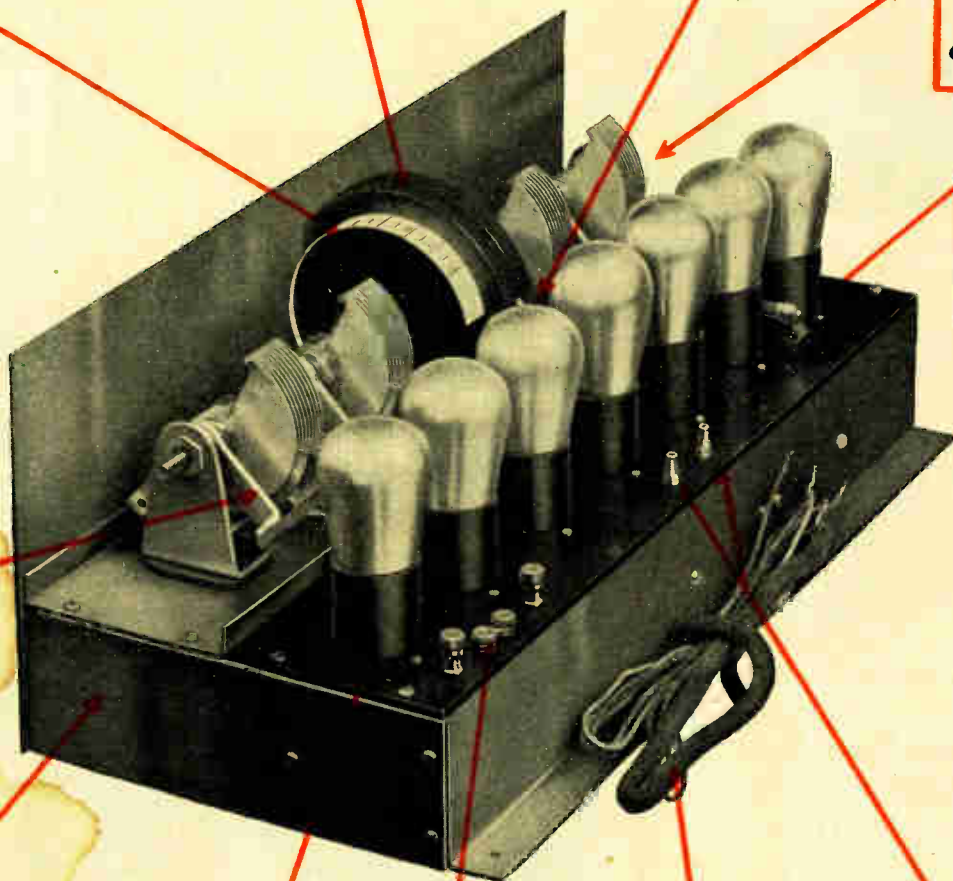
Bronze-plated steel
chassis. Completely
shields coils and
wiring

Genuine
bakelite
sub-panel

Long and short
antenna
adjustment

Rubber covered acid
proof leads. Arranged
for power tubes.

Tip jacks for
loud speaker



WESTERN RADIO MFG. CO. Chicago

WESTRAD 7-Tube Spanish Console With 50-inch Ortho Speaker and Unit

THIS handsome 7-tube console is the same extraordinary value as shown on the cover of the catalog. We consider it one of the biggest values ever offered in the history of Western Radio.

The console is an accurate reproduction of eighteenth century Spanish design. The butt walnut doors with overlay of birds-eye maple has an antique highlighted finish. The console reflects the touch of the master cabinet builder. In the home it reflects rare good taste.

The horn compartment at the top contains a 50 in. Pure-Tone wood horn of long tone travel. The horn is fitted with a special Unit and is hidden from view by a beautiful grill. The middle compartment contains the efficient single dial control 7-tube Westrad Receiver. The bottom compartment is for batteries, eliminators or socket powers. Complete with built-in loud speaker. Unit as illustrated.

Your Price

74³⁵

List Price \$140.00
Stock No. 1736



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

For Electric Operation

Console and set with special 50-inch built-in loud speaker and unit complete for electrical operation with the following equipment:

- 1—Sonatron 112 Tube.
- 6—Sonatron 201-A Matched Tubes.
- 1—Balkite "A" and "B" Socket Power.
- 1—Complete Aerial.

Stock No. 1739

Your Price

117⁹⁰

THE designers of the Westrad 7-Tube Receiver have achieved the last word in tuning simplicity. One dial tunes in stations with razor-edge precision and clarity. One knob controls volume, from a whisper to a roar and serves as the switch for turning the set "On" and "Off". The full description of this master receiver is given on pages 3 and 4.

Dimensions of console—28 in. wide, 17½ in. deep, 54½ in. high.

Equipped With Batteries

Console and set with 50 in. Ortho built-in loud speaker and Unit complete for operation with the following equipment.

- 1—Sonatron 112 Tube.
- 6—Sonatron 201-A Matched Tubes.
- 1—100-Amp. Rubber Case Westrad A Battery.
- 3—45-Volt Upright Westrad B Batteries.
- 1—Complete Aerial.

Your Price

97³⁵

Stock No. 1737

For Electric Operation

Console and set with special 50-inch built-in loud speaker and unit complete for electric operation with the following equipment:

- 1—Sonatron 112 Tube.
- 6—Sonatron 201-A Matched Tubes.
- 1—Philco "A" and "B" Socket Power.
- 1—Complete Aerial.

Your Price

117⁹⁰

Stock No. 1738

Always First In Values and Quality

A Distinctive **WESTRAD 7-Tube Walnut Console** With 50-inch Ortho-Speaker and Unit at a **REMARKABLY LOW PRICE**

VALUES such as this have made Western Radio the biggest, fastest growing exclusive radio house in America. We make lasting friends of our customers because we offer them real value at unbelievably low prices.

This exquisite Walnut Plywood two-tone highlighted console and Westrad-7 Tube Single Dial Control Receiver is a typical Western Radio offering. It satisfies the discriminating radio and furniture buyer. The front of the cabinet has satinwood overlay and two-tone ebonized border. Two doors open and close to amplify or diminish tone volume. Built-in loud speaker and Utah Unit.

Completely Equipped with Batteries

Console and set with 50" Ortho built-in loud speaker and Unit complete for operation with the following equipment.

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

Your Price

86⁷⁰

Stock No. 1729



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

Complete for Electric Operation with Philco A and B Socket Power

Console and set with special 50" built-in loud speaker and Utah Unit complete for electric operation with the following equipment.

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

Your Price

Stock No. 1731

107²⁵

THERE is ample space for all batteries and power supplies. The hinged grill opens from the front to the battery and horn compartment. Pure-tone wood horn with long tone travel. Special unit. Dimensions—26" wide, 17" deep and 48" high.

List Price \$125.00

Your Price

63⁷⁰

Stock No. 1728

Completely Equipped for Electric Operation with Balkite A and B Power Supply

Console and set with special 50" built-in loud speaker and Unit complete for electric operation with the following equipment.

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

Your Price

107²⁵

Stock No. 1730

WESTERN RADIO MFG. CO. Chicago

Elegance and Performance Combined In This Westrad 7-Tube ORTHO Console

This coast-to-coast 7 tube console is one of the greatest values we have ever offered. It represents radio progress to its fullest extent—both in set efficiency and console beauty. The cabinet is select 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.

Console and Set with
60" Ortho Built-in
Loud Speaker and
Unit.

Your Price

79⁸⁵

List Price \$150.00

Stock No. 1724

For Battery Operation

Console and set with 60-inch Ortho Built-in Loud Speaker and Unit, complete for operation with the following equipment:

- 1—112 Sonatron Power Tube.
- 6—Type 201A Sonatron matched tubes.
- 1—100 Amp. 6 volt Rubber Case Westrad.
- 3—15 volt upright B Batteries.
- 1—Complete Aerial.

Stock No. 1725

Your Price

102⁸⁵

For Electric Operation

Console and set with 60-inch Ortho Built-in Loud Speaker and Unit complete for Electric operation with

- 1—112 Sonatron Power Tube.
- 6—Type 201A Sonatron Matched Tubes.
- 1—Philco 'AB' Socket Power.
- 1—Complete Aerial.

Stock No. 1726

Your Price

123⁴⁰

For Electric Operation

Console and set with 60-inch Ortho Built-in Loud Speaker and Unit, complete for Electric operation with

- 1—112 Sonatron Power Tube.
- 6—Type 201A Sonatron Matched Tubes.
- 1—Balkite 'AB' Socket Power.
- 1—Complete Aerial.

Stock No. 1727

Your Price

123⁴⁰

The receiver is the efficient Westrad-7 fully described on pages 3 and 4. Single dial control. Thoroughly shielded. Remarkable selectivity and sensitivity. The true tone quality of the set is faithfully reproduced by an efficient Unit and the built-in 60" Ortho large size Pure-tone Wood Horn. The receiver is mounted in a sliding pull out mounting board. Ample space is provided for Batteries, Eliminators or Socket Powers.



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

Always First In Values and Quality

Westrad 7-Tube Walnut Console

A Masterpiece of Radio Efficiency and Beauty

This 7-Tube Console is further proof that Western Radio is the home of big values. The console is constructed of walnut plywood, high-lighted. Made in three sections. The upper contains the Utah Unit and built-in loud speaker. The middle section contains the efficient 7-Tube Westrad single dial control receiver fully described on pages 3 and 4. The lower compartment provides ample space for batteries, eliminators or socket powers.

A drop door reveals the set for tuning and may be closed after the station has been found. A beautiful removable grill covers the loud speaker section. Two doors at the bottom give easy access to the power units. The entire console is expertly designed and made. Here is a receiver worthy of the finest home—yet reasonably priced.

Console and Set With
Built-In Loud Speaker
and Utah Unit.

Your Price

\$59⁵⁰

List Price \$110.00
Stock No. 1732

For Battery Operation

Console and set with Built-in speaker and Utah Unit. Ready to Operate.

- 1—112 Sonatron Power Tube.
- 6—Type 201A Sonatron Matched Tubes.
- 1—100 Amp. 6 volt Rubber Case Westrad A Battery.
- 3—Battery 45 volt upright B Battery.
- 1—Complete Aerial Kit.

Stock No. 1733
Your Price

\$82⁵⁰

For Electric Operation

Complete with Philco A-B Socket Power

Console and set with Built-in speaker and Utah Unit, complete with

- 1—112 Sonatron Power Tube.
- 6—Type 201A Sonatron Matched Tubes.
- 1—Philco 'AB' Socket Power.
- 1—Complete Aerial Kit.

Stock No. 1734
Your Price

\$102⁰⁰

For Electric Operation

Complete with Balkite A-B Power Supply

Console and set with Built-in speaker and Utah Unit, complete with

- 1—112 Sonatron Power Tube.
- 6—Type 201A Sonatron Matched Tubes.
- 1—Balkite 'AB' Power Supply.
- 1—Complete Aerial Kit.

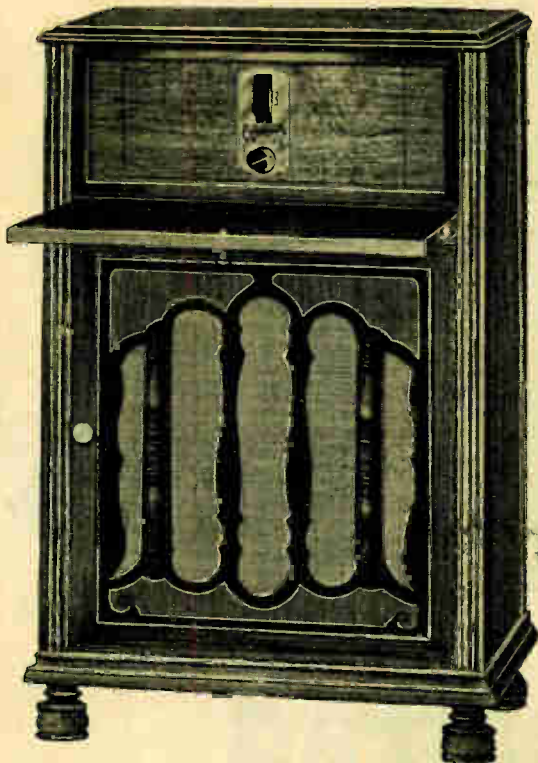
Stock No. 1735
Your Price

\$102⁰⁰



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

WESTERN RADIO MFG. CO. Chicago



WESTRAD ORTHO JUNIOR 7-TUBE CONSOLE

HANDSOME walnut plywood construction. Beautiful grill with antique high-lighted wood turnings. Drop leaf encloses receiver and serves as arm rest. Westrad-7 Receiver with single dial tuning control and single knob volume control. For complete description of the Westrad-7 see pages 3 and 4.

Built-In 60" Ortho Loud Speaker and Unit

Console and Set with Built-In Loud Speaker and 60" Ortho Unit.

Your Price
49⁹⁵

Price List \$95.00

The lower compartment contains the remarkable Pure Tone Wood Horn with 60" tone travel. Gives amazing volume and purity to tones of all pitches. Ample space for batteries or socket powers. Hinged door and grill provide easy access to horn and battery compartment. Dimensions: 34½" wide, 18½" deep, 41½" high.

Stock No. 1746

For Battery Operation

Console and set with 60-in. Ortho Built-In Loud Speaker and Unit, complete for operation with the following equipment:

- 1—112 Sonatron Power Tube
- 6—Type 201A Sonatron Matched Tubes.
- 1—100-Amp., 6-Volt Rubber Case Westrad "A" Battery.
- 3—Westrad 45-Volt upright "B" Battery.
- 1—Complete Aerial.

Your Price **73⁰⁰**

Stock No. 1747

For Electric Operation

Console and set with 60-in. Ortho Built-In Loud Speaker and Unit, complete for operation with:

- 1—112 Sonatron Power Tube.
- 6—Type 201A Sonatron Matched Tubes.
- 1—Phileo "AB" Socket Power.
- 1—Complete Aerial.

Your Price **93⁶⁰**

Stock No. 1748

For Electric Operation

Console and set with 60-in. Ortho Built-In Loud Speaker and Unit, complete for operation with:

- 1—112 Sonatron Power Tube.
- 6—Type 201A Sonatron Matched Tubes.
- 1—Balkite "AB" Socket Power.
- 1—Complete Aerial.

Your Price **93⁶⁰**

Stock No. 1749



The Trav-Ler

5-Tube Portable

ONE DIAL CONTROL

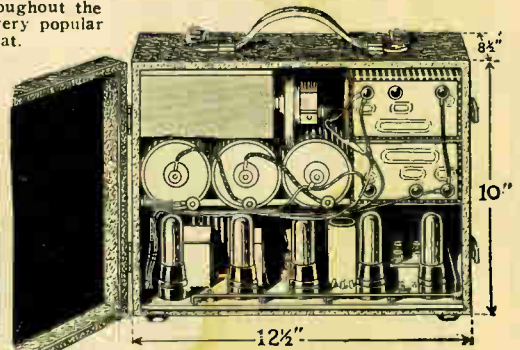
HERE it is—the Trav-ler, a portable 5-tube set that weighs only 24 pounds completely equipped. Loop Aerial is contained in the cover of the box. Cabinet is sturdy, neat, black leatherette. Very compact—only 8½"x10"x12½". Trav-Ler has two stages of radio frequency, amplification, a detector and two stages of audio. Transformers are high quality and give undistorted amplification. The very best materials and workmanship are used throughout the construction of the Trav-Ler. Sure to be a very popular set for those who travel by auto, train or boat.

Single Dial Control and Built-In Loud Speaker

Single Dial Control, Built-in Loud Speaker. Two stages of Radio Frequency, Detector, two stages of audio, phone jack, loop aerial.

Your Price **38²²**

List Price \$65.00
Stock No. 1695



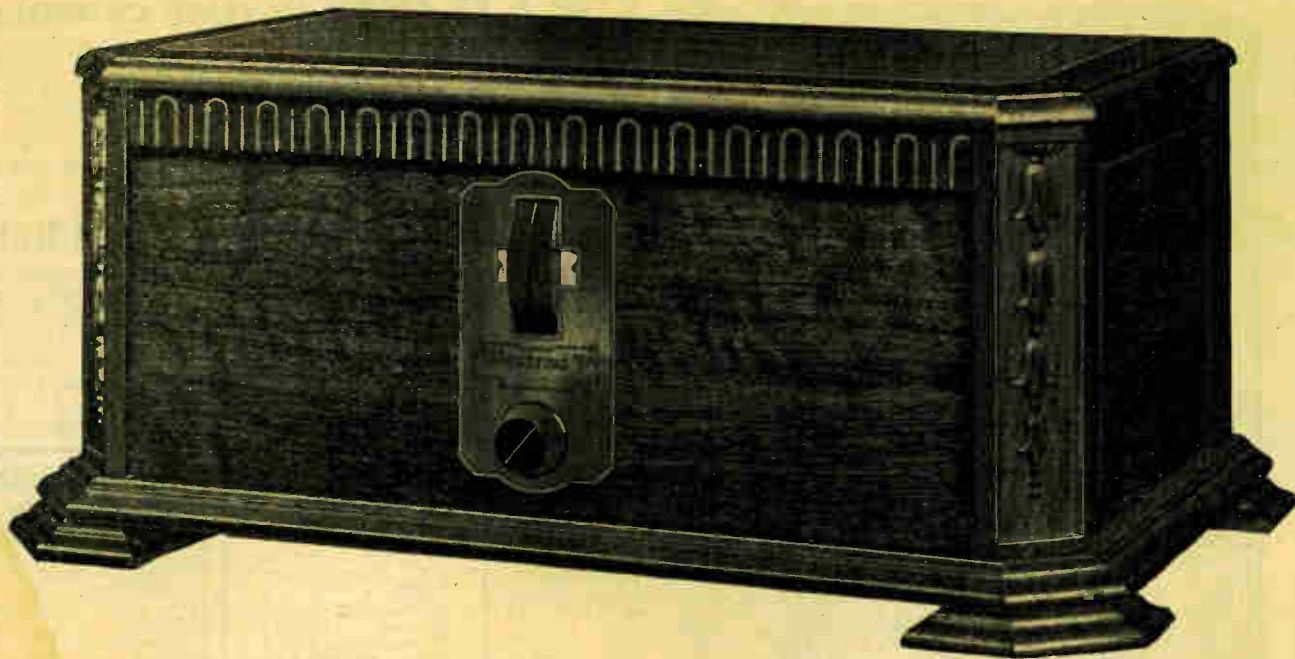
A radio so small and compact it can be carried like a hand bag. A powerful selective clear toned receiver, at a price unbelievably low.

Complete Set With All Accessories Including

- 5—UX-199 or CX-199 Sonatron Tubes.
- 2—'B' Batteries
- 3—Dry Cells

YOUR PRICE **51⁴⁵** List Price \$84.25
Stock No. 1696

Always First In Values and Quality



7-Tube Westrad

In a Beautiful Walnut Box-Type Cabinet

THE remarkable Westrad 7-Tube Receiver with its simplicity, clarity, quality of tone and coast-to-coast range can be had in the beautiful walnut box cabinet at a surprisingly low price.

The set is controlled by a single drum dial. Stations can be selected with one finger. Volume is controlled with one knob which also contains the filament switch for turning the set "on" or "off". All the instruments in the Westrad 7 are balanced for harmonious operation and are individually efficient. A complete description of the construction features of the chassis is given on pages 3 and 4.

The cabinet is beautifully grained Walnut. Artistically panelled and carved.

The Westrad-7 is up-to-date. It will give years of perfect reception and enjoyment to its owner.

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

Your Price
36⁵⁰

List Price \$65.00
Stock No. 1720

The 7-Tube Westrad, as shown, with the following equipment complete for operation.

- 6—Sonatron 201-A Matched Tubes.
- 1—Sonatron 112 Power Tube.
- 1—100 Amp. Rubber Case Westrad "A" Battery.
- 3—45-Volt Upright Westrad "B" Batteries.
- 1—O'Neil Cone Speaker.
- 1—Complete Aerial Kit.

Your Price

66⁹⁵

Stock No. 1721

For Electric Operation

Your Price

87⁵⁵

Stock No. 1722

With Philco "A-B" Socket Power

The 7-Tube Westrad, with the following equipment complete for ELECTRIC operation.

- 1—Sonatron 112 Power Tube.
- 6—Sonatron 201-A Matched Tubes.
- 1—Philco "A-B" Socket Power, 6 Volts.
- 1—O'Neil Cone Speaker.
- 1—Aerial Outfit.

For Electric Operation

Balkite "A-B" Power Supply

Your Price

The 7-Tube Westrad, as shown with the following equipment complete for Electric operation.

- 1—Sonatron 112 Power Tube.
- 6—Sonatron 201-A Matched Tubes.
- 1—Balkite "A-B" Power Unit.
- 1—O'Neil Cone Speaker.
- 1—Aerial Outfit.

87⁵⁵

Stock No. 1723

WESTERN RADIO MFG. CO. Chicago



Your Price
Complete with
Built-in
Loud Speaker
79¹⁰
List Price
\$134.50
Stock No. 1700



Your Price
46⁴⁵
List Price
\$79.00
Stock No.
1706



Complete for Battery Operation
Complete Accessories for Battery Operation
5—Sonatron 201A Tubes.
1—Sonatron 112 Power Tube.
3—Westrad 45 Volt "B" Batteries.
1—Westrad 100 amp "A" Battery.
1—Trimm Cone Speaker.
1—Aerial Kit.
Stock No. 1707
Your Price **74³⁵**

RAULAND SIX TUBE RECEIVERS

TUNED radio frequency circuit; two stages of shielded radio frequency amplification, a detector and three stages of audio consisting of three Rauland-Lyric Transformers. Two dial Vernier control. Single volume adjustment. Operates on indoor or outdoor antenna. Pressed steel chassis. Highly selective and preserves natural purity of all tones.

RAULAND SEXTET

Colonial model finished in blended rubbed walnut decorated with embossed floral design. Contains famous All-American Reproducer. Ample compartments for power units.

RAULAND DUET

Finished in blended walnut. Slipping panel. Top raises. Two knob control. Concealed dials. Operates on inside or outside aerial.

Complete for Electric Socket Operation

Complete accessories for electric socket operation. From your electric light circuit. 1-Philco or Balkite "A & B" Electric Power Unit. SPECIFY PHILCO OR BALKITE
5—Sonatron 201A Tubes.
1—Sonatron 112 Power Tube.
1—Aerial Kit.
Stock No. 1702
YOUR PRICE... **121⁸⁰**

Complete Accessories for Battery Operation

5—Sonatron 201A Tubes.
1—Sonatron 112 Power Tube.
3—Westrad 45-Volt "B" Batteries.
1—Westrad 100 amp "A" Battery.
1—Aerial Kit.
Stock No. 1701
YOUR PRICE... **101¹⁵**

These Receivers Are Made By
ALL-AMERICAN RADIO CORPORATION
Manufacturers of the Famous All American Line

Complete for Electric Socket Operation

Complete accessories for electric socket operation. From your electric light circuit.
1—PHILCO OR BALKITE "A & B" Electric Power Unit.
SPECIFY PHILCO OR BALKITE.
1—Sonatron 112 Power Tube; 5—Sonatron 201A Tubes; 1—Trimm Cone Speaker; 1—Aerial Kit.
Stock No. 1708
YOUR PRICE..... **95⁰⁰**



RAULAND Compartment
Your Price

40⁶⁰

Ample space for batteries. Finished in two-tone walnut. Inlaid panels. Removable back panel. 32 1/2 x 12 1/2 x 12 in.
List Price \$69.00
Stock No. 1709

Complete With No. 1 Accessories
Stock No. 1710
YOUR PRICE... **64³⁵**

Complete With No. 2 Accessories
Stock No. 1711
YOUR PRICE... **86²⁰**

Rauland Five Tube Receivers

STEEL chassis. All joints welded. Metal panel. Two stages of tuned radio frequency, a detector and two stages of audio. S.L.F. Condensers. Two dial control. Highly selective. Excellent tone quality.

No. 1 Accessories for Battery Operation

5—Sonatron 201A Tubes; 2—Westrad 45 Volt "B" Batteries; 1—Westrad 100 Amp. "A" Battery; 1—Trimm Cone Speaker; 1—Aerial Kit.

No. 2 Accessories for Electric Socket Operation

1—Philco or Balkite "A-B" Electric Power Unit (Specify Philco or Balkite), 5—Sonatron 201A Tubes; 1—Aerial Kit; 1—Trimm Cone Speaker.



RAULAND HI-BOY

Colonial Cabinet. Selected walnut. Ample space for all power units 24 inches wide, 15 inches deep, 41 inches high.

Complete With No. 1 Accessories
YOUR PRICE... **81⁶⁵**
Stock No. 1704

Complete With No. 2 Accessories
YOUR PRICE... **104²⁰**
Stock No. 1705



RAULAND CABINET

Your Price
34⁷⁰
List Price \$59.00
Stock No. 1712

Complete With No. 1 Accessories
YOUR PRICE... **58⁴⁵**
Stock No. 1713

Complete With No. 2 Accessories
YOUR PRICE... **81⁰⁰**
Stock No. 1714

All-American "B" Eliminator

Only as big as an upright "B" Battery. Designed to fit into the most crowded cabinets. Voltages from the 4 taps range from negative, +45, (Det.) +90, (R. F. and Audio) to +180 volts (Power tube). Regulated by 2 controls which allow adjustment of voltages to the detector and amplifiers. Operates receivers up to 10 tubes.



Your Price With Raytheon Tube
List \$32.00
Stock No. 1715
18⁸²

For 25 Cycle Operation
List Price \$41.00
Stock No. 1716
Your Price **24¹⁰**

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

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

17⁹⁵

List Price \$35.00

Stock No. 639

Adjustable Mahogany Console

ADJUSTABLE 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, 15¾ in. deep and 43 in. high.

List Price \$44.00
Stock No. 1742

Always First In Values and Quality

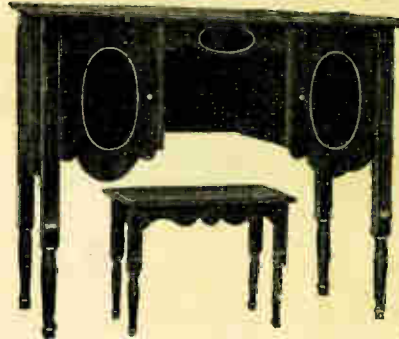


**Walnut Console
Baby Grand**

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.

YOUR PRICE
List Price \$107.50
Stock No. 617
63²⁰
Walnut Bench Only
List Price **YOUR PRICE**
\$12.00
6⁷⁵
Stock No. 616

SPECIALS In High Quality CABINETS



**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.

YOUR PRICE
List Price \$42.50
Stock No. 615
24⁷⁵

Walnut Bench Only

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

YOUR PRICE
List Price \$12.00
Stock No. 616
6⁷⁵

FRITTS Super Cabinets



Solid Walnut

The decorations are polychromed. Sides slightly raised with panel effect. Nickel-plated 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	\$11.73
1751	7"x21"	22.00	12.30
1752	7"x24"	22.50	12.60
1753	7"x26"	23.50	13.12
1754	7"x28"	24.50	13.70
1755	7"x30"	26.50	14.80

Kiln Dried Base Boards

Thoroughly seasoned, kiln dried hard wood. For radio.

Stock No.	Width	Length	Your Price
917	9 3/4"	17"	\$0.40
919	9 3/4"	20"	.45
923	9 3/4"	23"	.60
924	9 3/4"	25"	.66
927	9 3/4"	27"	.66
928	9 3/4"	29"	.60

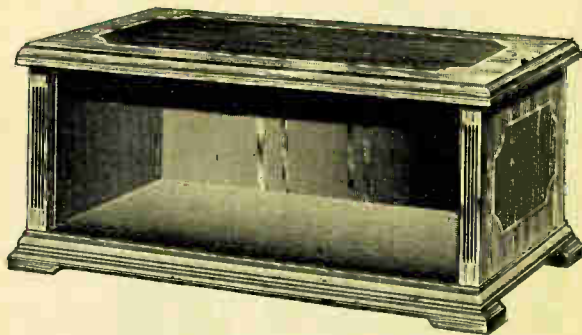


**Two-Tone Walnut
Table**

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

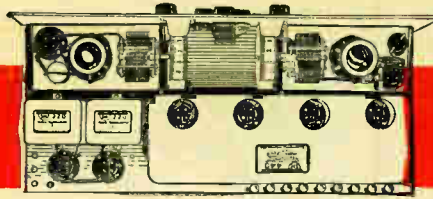
**It Pays to Deal
With
Western Radio
"The Big Friendly
Radio House"**



**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



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 \$2.60 for two S-M type 631 stage shields.)

YOUR PRICE
\$53¹⁰

LIST PRICE
\$90.45
STOCK No.
1630

BEST'S - REMLER 9-TUBE SUPER

[As Listed in Citizens Call Book]

A TWO dial control super that is recognized by all leading radio engineers, editors and amateurs. Includes the very finest closely matched parts. Remarkable tone quality, distant reception and hair-line selectivity. Extremely powerful and capable of cutting through neighboring stations and bringing in far distant stations. Instruction sheet and blueprints make the construction of this receiver a very simple matter.

List of Parts

2—Camfield .0005 mfd. Variable Condensers.	\$ 2.00
2—Remler Transformers No. 610	10.00
2—Remler Transformers No. 600	12.00
1—Dubilier .006 mfd. Fixed Condenser. ....	.75
2—Dubilier .00025 mfd. Fixed Condensers .....	.70
2—Dubilier .0025 mfd. Fixed Condensers .....	.80
1—Dubilier 1 mfd. By-Pass Condenser	1.50
1—Dubilier 1/2 mfd. By-Pass Condenser	1.00
1—Durham 2-Megohm Leak and Mounting .....	.75
1—Silver-Marshall .00025 mfd. Midget Variable Condenser.	1.50
1—Camfield Oscillator Coupler.	3.50
1—Frost 10-ohm Rheostat	1.00
1—Frost 30-ohm Rheostat with Switch	1.50
1—Frost 25-ohm Rheostat	1.00
1—Frost Jack No. 234 .....	.65
1—Frost Jack No. 235 .....	.85
9—Benjamin Sub-Panel Sockets.	4.50
1—A Amperite	1.10
1—A Amperite	1.10
14—Eby Engraved Binding Posts.	2.10
1—X-L Variodenser Model-N	1.00
2—Tyrman Drum Dials	10.00
2—Tyrman Audio Frequency Transformer.	8.00
2—Tyrman Push Pull Transformers	20.00
3—Sub Panel Brackets, Benjamin	1.05
1—Micarta 7x26x1/8-in. Drilled and Engraved Panel.	6.00
1—Micarta 10x25x1/8-in. Drilled Sub-Panel	6.40
20—E. Acme Celesite Wire	2.00
Miscellaneous Lugs, Screws, Nuts, etc.	
1—Print	1.50

YOUR PRICE

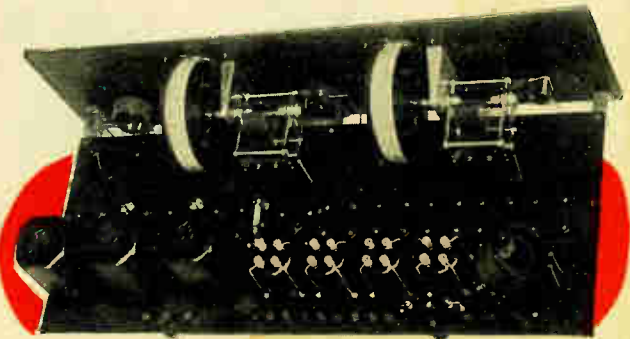
\$67⁹⁴

LIST PRICE

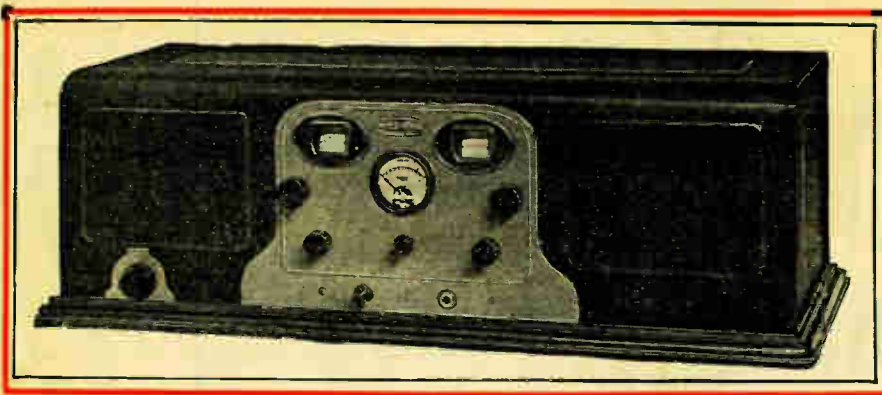
\$114.25

STOCK No.

1631



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.

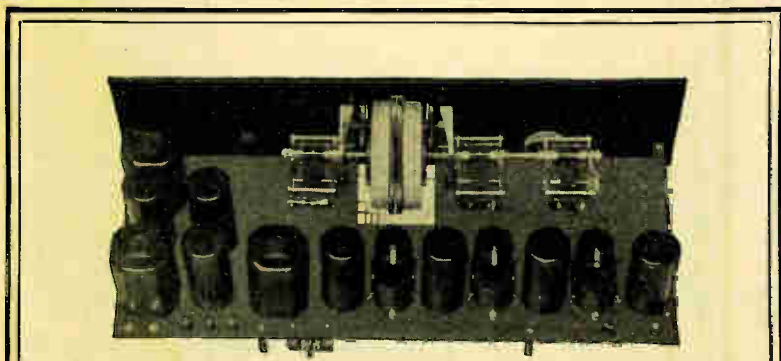
A switch converts the new Infradyne from a ten tube, two dial control set, to a five tube single dial control set for local reception.

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.



CAMFIELD DUOFORMER SEVEN

[As Specified in Citizens Call Book]

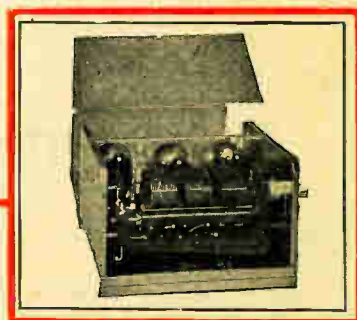
Here is the 7 Tube Camfield that has real tone quality, selectivity, volume and will bring in distant stations. Single dial control.

LIST OF PARTS

1 Camfield 10 in. Condenser Steel Shaft	.30	2 Carter No. 10 Tip Jacks	.20
3 Camfield .00035 mfd. Variable Condensers, No. 351	17.25	1 Carter H-1,000 Resistor	.30
1 Camfield Duoformer Kit, No. 22K	10.00	1 Carter 1.0 Mfd. By-Pass Condenser (round type)	1.25
2 Pair Mounting Brackets, No. 11	.50	1 Ameco 3 megohm Grid Leak	.45
1 Tyrman Audio Transformer, Type 3-30	8.00	1 1-A Amperite	1.10
1 Tyrman Power Input Transformer, Type 3-50	10.00	1 Yaxley No. 660 Cable Connector	3.00
1 Tyrman Power Output Transformer, Type 3-51	10.00	5 Ely Engraved Binding Posts	.75
1 Tyrman Double Drum Vernier Dial	10.00	2 Benjamin No. 8629 Brackets	.70
7 Tyrman Sockets	8.75	30 Foot Acme Celatsite	1.00
1 Carter Type IR 6 Rheostat	1.00	1 Package Kester Radio Solder	.25
1 Carter Type IR 20 Rheostat	1.00	1 Ekko Ground Clamp	.25
1 Carter Type X 10,000 Ohm Variable Resistance	2.00	1 7x26x3/16 in. Drilled and Engraved Formica Panel	6.00
1 Carter Imp. Battery Switch	.65	1 10x25x3/16 in. Drilled Formica Sub-Panel	6.40
1 Carter .001 mfd. Molded Mica Condenser	.50	1 Blue Print	1.50
1 Carter .00025 mfd. Grid Condenser (with clips)	.50	Miscellaneous lugs, screws, nuts, etc.	1.09
			\$105.70

Your Price

63⁰⁷ List Price \$105.70
Stock No. 1605



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

Stock No. 1603

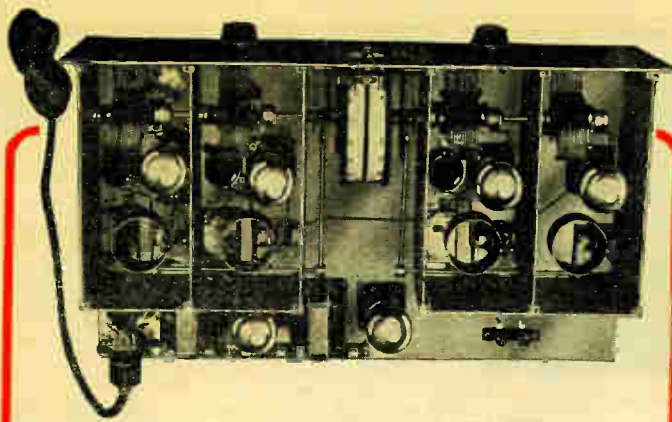
The Infradyne Amplifier consists of a specially designed tuned radio frequency amplifier operating at 86 meters and is especially designed for the Infradyne Circuit. Completely wired and enclosed in a polished copper shield.

Remler Infradyne AMPLIFIER



Stock No. 1604
List Price \$27.50

Your Price **16¹⁴**



Hammarlund
ROBERTS
— Hi-Q SIX —

Single Dial Control

Your Price

59¹⁴

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 Parvult 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.

Ingenious arrangement of two tuning condensers is centered in a single dial. Accomplished without backlash or mechanical losses of any kind. Karas Micro-metric 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

57⁴⁷

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.

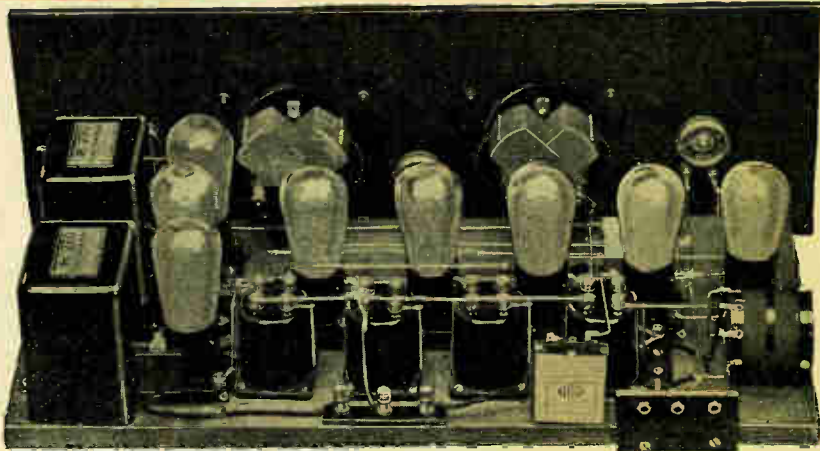
Your **87^{??}** List Price \$137.80
Price **50⁷⁶** Stock No. 1600

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 **50⁷⁶** Stock No. 1601
Price **50⁷⁶** 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.

WESTERN RADIO MFG. CO. Chicago

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-Mf. Parvot 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

89²⁵

List Price 149.97
Stock No. 1620

Essential Kit

Essential M.E.L.O. HEALD Parts for "Hot Spot" 14.

Your Price \$47⁹²

List Price 81.50
Stock No. 1621

Melo-Heald Eleven Circuit



Your Price

75²⁷

List Price 126.30
Stock No. 1622

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.

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—Parvot 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.....	

Essential Kit

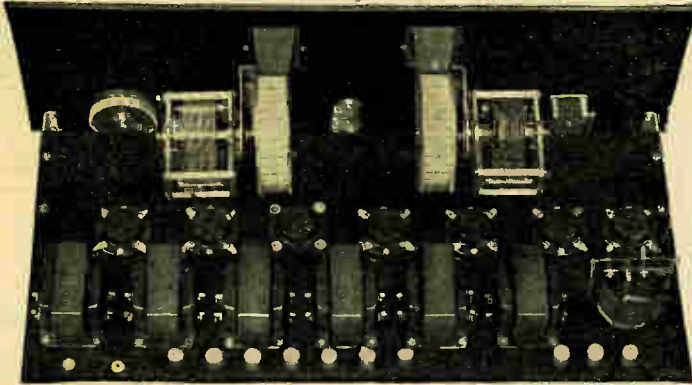
Essential M.E.L.O. HEALD Parts for "ELEVEN" MELO-HEALD CIRCUIT.

Your Price \$36⁶⁶

List Price 62.00
Stock No. 1623

Always First In Values and Quality

THOMPSON SUPER Seven



The Thompson Super Seven is a highly efficient Super-Receiver. Consistent coast-to-coast reception is assured with loop. Designed by the chief engineers of several prominent parts manufacturers. The use of drum type dials gives the front panel an exceptionally neat appearance and uniformity of design. Easy to assemble.

List of Parts

1 Yaxley Filament Switch	.....	\$	.50
2 Camfield .0005 mfd. Condensers	.....	12.00	
1 Silver-Marshall No. 340 Midget Condenser	.....	1.50	
10 X. L. Spring Binding Posts	.....	1.50	
2 Yaxley Imp. Jacks	.....	.25	
1 Tobo .006 Condenser	.....	.45	
1 Tobo 1 mfd. Condenser	.....	.90	
1 Ellis Oscillator Coupler	.....	3.00	
1 Tobo .002 Condenser	.....	.40	
6 Silver Marshall Tube Sockets	.....	3.00	
1 Benjamin Spring Socket	.....	.75	
2 Halldorson Precision Iron Core No. 540 Transformers	.....	12.00	
1 Halldorson Precision No. 511 Filter Transformer	.....	12.00	
2 Halldorson Overtone Audio Transformers	.....	12.00	
1 Halldorson Overtone Output Transformer	.....	6.00	
1 Yaxley 2L Resistance	.....	1.50	
1 Yaxley 5L Resistance	.....	1.50	
1 Yaxley 30 ohm Rheostat	.....	1.50	
2 Silver Marshall Drum Type Dials No. 805	.....	1.50	
1 Micarta 7x21 panel drilled and engraved	.....	5.00	
1 Micarta 9x20 sub panel drilled and engraved	.....	4.80	
1 3 meg. gridleak Daven	.....	.50	
1 Resistor Mounting Daven	.....	.35	
1 Pair Silver Marshall Brackets	.....	.70	
1 Tobo .0025 Condenser	.....	.35	
1 Tobo .001 Condenser	.....	.40	

Your Price **47⁵⁴** List Price \$80.00
Stock No. 1625

AERO Four-Tube Receiver

[Chicago Daily News Receiver]

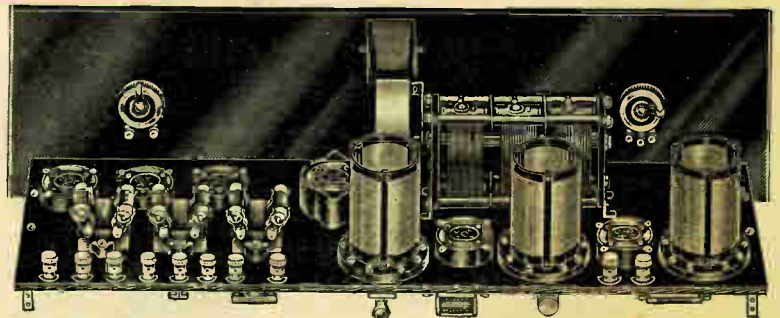
With the use of a fixed tickler in the Aero tuner employed in this set, a new kind of regeneration is possible—smooth and even over the entire dial, yet packed with power. Selectivity is one of its important features. Distance getting ability makes it out-rank many five and six-tube sets. Tone-quality 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)	.....	3.00	
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 Tobo 2 Meg. Tipon Grid Leak	.....	1.50	
1 X-L Variodenser Model N	.....	1.00	
11 X-L Binding Posts, Lettered: Aerial, Ground, A Bat+, A Bat-, C Bat-, B 45+, B 90+, Amplifier B+, Speaker +, Speaker- @ \$0.15	.....	1.65	
1 Aero 60-Choke Coil	.....	1.50	
Bus Bar Wire	.....	.25	

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

AERO-SEVEN RECEIVER

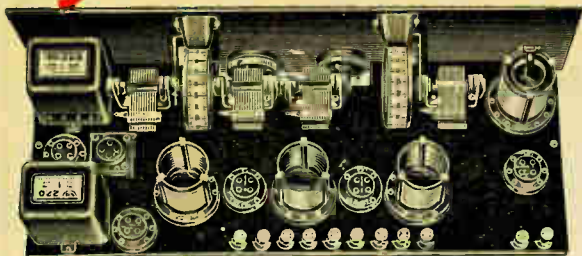


Ten Kilocycle separation. Employs Hi-Mu tubes in the Radio Frequency end-tubes, which have 1.6 times the efficiency of 201A tubes, and make the performance of this set stand out. In all it employs 5 of the new UX-240 (or 340), one UX-201A, and one UX-171. Antenna circuit is so compensated for in the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

PARTS LIST

1 Aero Seven Foundation Unit	.....	\$	12.00
1 Aero TRF Kit, Code U-12 (3 coils)	.....	12.00	
1 Aero Choke No. 60	.....	1.50	
1 Silver-Marshall Drum Dial	.....	3.00	
1 Carter Battery Switch D	.....	.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	.....	.50	
2 Carter 1/2 mfd. Bypass Condensers	.....	1.50	
10 X-L Binding Posts, Lettered: Aerial, Ground, A+, A-, C-, B 189+, B 189-, Amplifier, B+, Speaker +, Speaker-	.....	1.50	
1 Amsco Plating Socket	.....	1.00	
6 Amsco Plain Sockets @ \$0.50	.....	3.00	
1 Amsco .0005 mfd. Triple Condenser	.....	11.25	
1 Amsco Grid Gate Mounting	.....	.50	
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



Your Price

49⁸⁷

List Price
\$83.75

Stock No. 1606

IMPROVED AERO-DYNE 6

List of Parts

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., 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

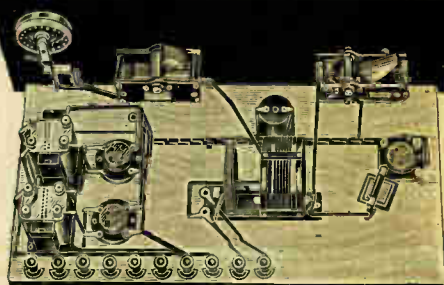
1—Aero Foundation Unit for Short Wave.....	\$ 5.75
1—Aero Short Wave Tuner Kit, LWT 125.....	12.50
1—Aero R. F. Choke Coil No. 60.....	1.50
2—Kurz-Kasch Dials.....	4.00
1—Amsco .00014 Condenser.....	2.75
1—Amsco .00025 Condenser.....	3.00
1—Yaxley Battery Switch.....	.50
1—Yaxley 25-Ohm Rheostat.....	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.

THE leading short wave set for distance getting, selectivity, volume and easy control. Used by the Government, Broadcasting Stations, University Laboratories, the MacMillan Expedition, and

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 60-Choke.....	1.50
1—Carter .001 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 ¹ / ₂ Panel (Westinghouse Micarta).....	1.53
1—7x13x ¹ / ₂ (Westinghouse Micarta).....	2.13
1—Pair Bracket.....	.70
1—Tube Base (may be broken from old tube).....	.20
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 Micra Receiving Condensers.....	1.00
2—Carter .001 or .00025 Fixed Micra 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 ¹ / ₂	1.96
1—Micarta Sub Panel (Westinghouse) 10x18x 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.

Stock No. 1610

Your Price

7⁰⁶

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 20-10 meter coils and 40-80 meter coils. These Coils are interchangeable with the above Transmitter.

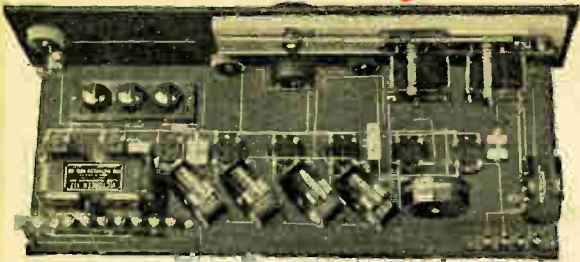
Stock No. 1611

Your Price

7⁰⁶

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

64⁵⁸

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"x1/2"	.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 Tobe	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	128.00
1—Type 150 Oscillator Coil	5.50
1—Type 160 Antenna Coupler	3.50

List Price
\$37.00
Stock
No. 1613

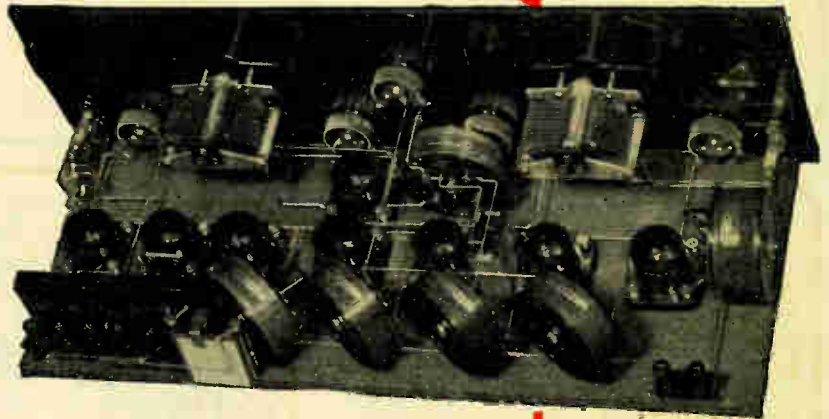
21⁷⁸

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
8—Benjamin U. X. 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 Thoradson 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

When set is to be built for outside aerial use add 2 No. 112 Antenna Coupler to your order, making total price of complete parts

Your Price
Stock
No. 1653 **50⁵¹**

WESTERN RADIO MFG. CO. Chicago



Your Price

39⁶³

List Price \$62.85
Stock No. 1615

**Official
1928
Browning-
Drake
Kit Set**

Five Tube set containing Browning-Drake Foundation Unit and space wound transformers. Easy to assemble. Anyone can build this efficient receiver according to our complete directions.

LIST OF PARTS

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

B. D. Essential Kit

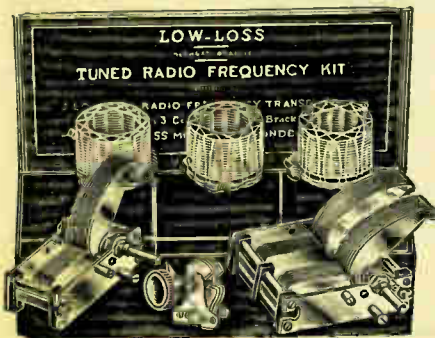
Consists of Coils, condensers and illuminated dials as pictured above.

Your Price

15⁹³

Stock No. 1616 List Price \$25.00

Pilotone 5-Tube Kit



Your Price

17⁶⁵

List Price \$30.00

Stock No. 1614

Complete parts for building the 5-tube 2-dial control tuned radio frequency set. Kit contains all parts necessary. Easy to build according to complete instructions and wiring diagrams.

New Daven Seven-Tube Bass Note Kit

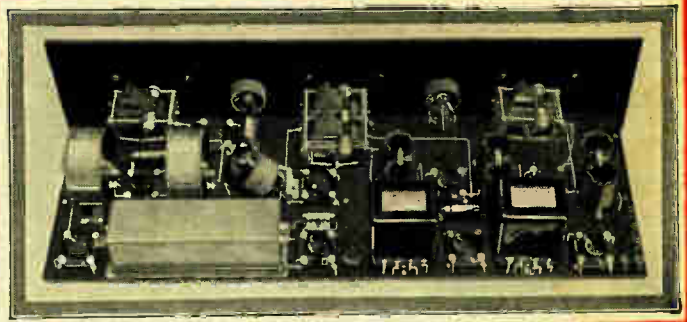
The latest Daven Kit development that excels even the excellent famous 6-tube Bass Note Kit of last season. Contains all parts for building the complete receiver. All units matched for harmonious operation. Gives full round tones without distortion. Simple to tune and highly selective. Complete instructions, diagrams and blueprints for building furnished free.

Your Price

40⁸⁵

List Price \$68.50

Stock No. 1694



CAMFIELD Super-Selective 9

The Camfield Super-Selective 9 is a nine tube supersensitive and super-selective receiver of the Super-Heterodyne type using a band pass filter in the intermediate frequency amplifier and two stages of radio frequency amplification ahead of the Super. The Camfield Super-Selective 9 was the first circuit on the market to incorporate the above mentioned feature.

1—Camfield No. 251 .00025 Equaltune Variable Condensers	\$ 5.50
1—Camfield No. 351 .00035 Equaltune Variable Condensers	5.75
1—Camfield No. 352 .00035 Equaltune Variable Condensers (2-gang)	10.50
1—Camfield No. 22K Kit of 3 Camfield Duoformers	10.00
1—Camfield No. 620 Coupling Unit	3.50
1—Rusco No. 10KC Band Pass Filter	15.00
2—Rusco No. 95KC I. F. Transformers	12.00
1—Dubilier No. 601 .002 Fixed Condenser	.40
2—Dubilier No. 610G .0025 Grid Condensers	.90
2—Daven 3 Megohm Grid Leak	1.00
2—Tobe 1/2 Mfd. Condensers	1.50
2—Silver-Marshall No. 220 Audio Transformers	16.00
1—Frost No. 806 6 Ohm Rheostat	1.00
2—Frost No. 824 .400 Ohm Potentiometer	2.50
2—Kurz-Kasch No. 592 Dials	6.00
9—Benjamin No. 9040 Sockets	6.75
3—Karas Brackets	.70
1—Carter Midget Battery Switch	.50
1—Carter No. 6 Jack Switch	1.25
5—Eby Binding Posts	.75
1—Jones Type P. M. Multiplug Sub Panel	2.50
1—Amperite No. 3-A	1.10
1—Amperite No. 4-A	1.10
1—Formica 7x30-in. Drilled and Engraved Panel	7.60
1—Formica 10x29x3/16-in. Drilled Sub-Panel	7.75
Miscellaneous lugs, wire, screws, etc.	1.50
Complete Set of Actual Size Blue Prints	1.50

Your Price

73⁹⁰

List Price \$124.55

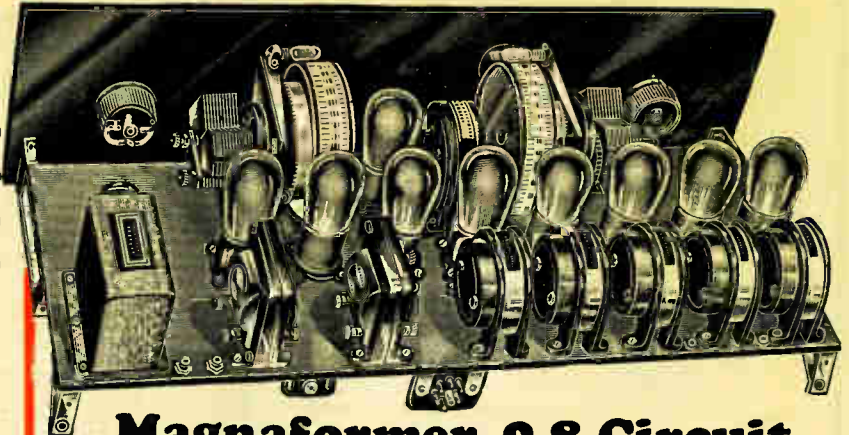
Stock No. 1617

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.	.95
Wire, Screws, Lugs, Nuts, Bolts.	
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

77⁸⁴

List Price \$130.15

Stock No. 1628

8 Tube Stroboddyne Receiver

As Specified by Radio News

AN entirely new frequency-changer, operating on a new and original principle. A circuit unexcelled for distance, with great selectivity, out-performing the best superheterodynes in use today. Remarkable sensitivity. Stations come in at but one point of the dials. Tremendous volume, with no distortion.

Your Price

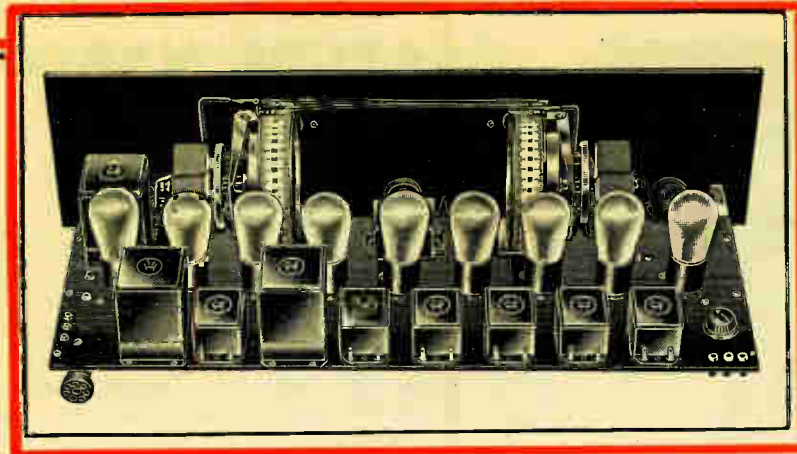
67⁵⁰

List Price \$113.75
Stock No. 1629

LIST OF PARTS

3—Hammarlund .00035 Condensers	\$15.75
1—Set Hammarlund Stroboddyne Coils	10.00
4—Radio Elec. Lab. R. F. Units	18.00
5—Radio Elec. Lab. Matched Fixed Cond.	1.75
3—Hammarlund Stroboddyne Shields	6.00
2—Thordarson R200 Transformers	16.00
1—Muter Output Filter	5.00
1—Sampson R. F. Choke No. 85	2.00
1—Daven Compensator Condenser	1.75
3—Carter 20 Ohm Midget Rheostats	1.50
1—Carter Midget Potentiometer	.75
4—Dubilier .5 Mfd. By-pass Condensers	4.00
1—Dubilier .002 Fixed Condenser	.40
8—Benjamin UX Sockets	6.00
1—Carter Imp. Battery Switch	.50
1—Carter Double Circuit Short Jack	.30
1—Carter Single Circuit Short Jack	.25
12—XL Binding Posts	1.80
2—Marco Vernier Dials	5.00
4—1A Amperites	4.40
1—112 Amperite	1.10
2—Hammarlund Balancing Condensers	1.00
1—Carter 100,000 Ohm Hi Pot	2.00
1—8x24x3/16" Bakelite Panel Drilled and Engraved	6.00
1—12x25" Wood Baseboard	1.25
50—Feet Belden Rubber Covered Hookup Wire	.50
1—Brass Shaft, 1/4"x10 1/4"	.25
1—Blue Print	.50

WESTERN RADIO MFG. CO. Chicago



NEW 9-Tube H.F.L. Super

Using
Output Transformer

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 Condensers	1.50
1—Pr. 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

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, complete diagram and full instructions included free.

Your Price

75¹⁵

List Price
\$126.75
Stock
No. 1618

EIGHT-IN-LINE UNIT

List of Parts

1—Eight-in-Line Unit	\$105.00
1—Lignole 7x24 Drilled and Engraved Panel	5.75
1—Yaxley Rheostat	1.35
2—DeJur .0005 mfd. Variable Condensers	7.00
1—Yaxley Filament Switch	.50
1—Marco .000045 mfd. Midget Variable Condenser	1.25
2—Kurz-Kasch Aristocrat Vernier Dials, Walnut Finish	4.00
1—Yaxley 1 Ohm Resistance	.25
10-ft. Acme Flexible Celatsite Wire	.40

Your Price **73⁸⁰** List Price \$125.50
Stock No. 1619



Eight-In-Line Super for Loop Aerial

EASE of assembly is a feature of the Eight-in-Line. Only nine binding posts to connect to the front panel instruments. Speaker connects directly to last two binding posts. Uses Eight 201-A Tubes. Two dial control. The Eight-in-Line Unit is thoroughly tested, "On the air" at the factory. It is checked for tone quality, selectivity and its ability to bring in distant stations. When found to be satisfactory the bottom of the unit is sealed.

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 3/2 to 1 Transformers.....	8.00
1-Dubilier .0025G 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.

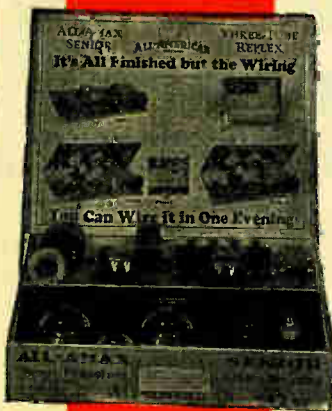
Complete Parts

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 .0025G 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-Max Sr. 3 Tube Reflex



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

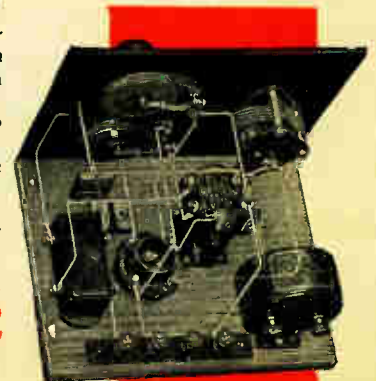
ALL-AMERICAN Semi-Built Sets

SEMI-BUILT All-American Kit with parts already mounted on the baseboard and panel. Easy to wire according to complete, detailed diagram and instructions. One tube operates loud speaker. Operates on dry cell 'A' batteries with inside or outside aerial.

Your Price **\$7⁹⁵**

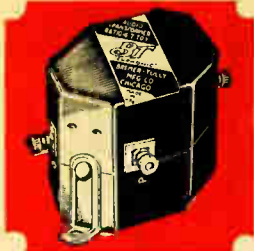
Stock No. 877

All-Max Jr. 1 Tube Reflex



WESTERN RADIO MFG. CO. Chicago

BREMER-TULLY B-T Kits and Parts



B-T Audio Transformers

The well known B-T Euphonic. Produces remarkable tone quality on high and low notes. Moveable legs permit mounting in any position. No crossed wires, shorter leads aid to better reception.

Stock No.	Type	List Price	Your Price
1638	210 ratio 2.2 to 1.	\$5.00	\$2.95
1639	410 ratio 4.7 to 1	5.75	3.35

B-T Vernier Dial



Your Price

1.47

List Price

\$2.50

Stock No.
1640

The original window dial fits condensers that turn either clockwise or counter clockwise. A reversible celluloid disc may be used to log stations as they are received. Absolutely no back-lash or lost motion. Gearing 12 to 1. Gold and black finish.

B-T UX Socket



A push type socket for UX tubes that absorbs shocks that damage the tube and prevents vibrations that spoil reception. Assures longer tube life and more pleasant reception.

Your Price

45¢

List Price 75c
Stock No. 1641



New B-T Power-Six Kit

The new B-T Power-Six includes the basic superiority of the famous original B-T Counterphase with additional refinements made possible through recent improvements in tubes, resistances and other units. Tone quality is greatly improved through the uses of power tube output. The new kit is more simple, easier to build, balance and operate. Torostyle coils achieve remarkable selectivity and eliminates the need of shielding.

List of Parts

1-7x24x $\frac{3}{8}$ in. Bakelite Drilled and Engraved Panel.....	\$ 5.88	3-.006 Dubiller Condenser.....	2.25
1-.94x23 in. Wood Baseboard.....	.85	1-2 meg. Grid Leak.....	.30
1-New Bremer-Tully Counterphase Power Six Kit. Complete Essentials.....	41.50	1-Grid Leak Mounting.....	.30
1-Bremer-Tully Euphonic Audio Transformer 2.2 to 1.....	5.00	6-Bremer-Tully Type UX Sockets.....	4.50
1-Bremer-Tully Euphonic Audio Transformer 4.7 to 1.....	5.75	1-Yaxley No. 1 Jack.....	.50
2-Bremer-Tully Vernier Dials.....	5.00	1-Yaxley No. 4 Jack.....	.80
2-1 mid. By-Pass Condenser.....	1.80	1-Yaxley Battery Switch.....	.50
1-.001 Dubiller Condenser.....	.40	1-Yaxley 3 ohm Rheostat.....	1.35
1-.0025 Dubiller Condenser.....	.35	1-Yaxley No. 30 Jack Switch.....	.90
		1-Mounting Strip.....	.20
		5-Eby Marked Binding Posts.....	.75
		2-4 $\frac{1}{2}$ Volt C Batteries.....	1.50
		Blue Print.....	

Your Price

47.49

List Price \$80.18

Stock No. 1635

Essential Kit For B-T Power Six

Contains one T4 and three TC Transformers, two L4-17 and three M. M. F. condensers, one 200,000 and three 1,000 ohm resistances, three Choke Coils and one set Color Churns and Diagrams.

List Price \$41.50
Your Price \$24.40
Stock No. 1636

B-T Power Unit 'B' Eliminator

Has taps for 22 $\frac{1}{2}$, 45, 90, and 135 Volts. Raytheon tube included.

List Price \$42.00
Your Price \$24.70
Stock No. 1637
With Raytheon Tube.



B-T Short Wave Outfit

A very popular outfit that has met with the approval of amateurs throughout the country. Receives short wave programs. Plug-in coils permit reception from 12 $\frac{1}{2}$ to 200 meters.

Your Price List Price
\$8.50

5.00

Stock No. 1642



B-T R.F. Choke

Used to increase the efficiency of many circuits by preventing radio frequency currents from entering the audio circuits. Housed in a neat bakelite case with binding post terminals.

Your Price List Price
90c

54¢

Stock No. 1643

Your Price

59¢

List Price \$1.00
Stock No. 1644



B-T Mikro Mike

A variable condenser capable of micrometer adjustment. Glass dielectric prevents possibility of short circuits. May be used in any circuit requiring a small capacity condenser. Capacity 1 $\frac{1}{2}$ to 30 mmf.

B-T Lifetime Condenser

Straight Line Wave Length

Plates are die cast in place resulting in absolute rigidity and alignment. The bearing is exceptional in condenser design. It grips the shaft and does not push against the end of the rotor.

Stock No.	Type	Capacity	List Price	Your Price
1645	L-7	.000125	\$4.25	\$2.50
1646	L-13	.00025	4.50	2.65
1647	L-17	.00035	4.75	2.80
1648	L-23	.0005	5.00	2.94



B-T S. L. F. Condenser



Gives straight line frequency variation. Spaces station channels evenly over the dial. Rotor is connected by noiseless pig-tail. Single hole and combination mounting.

Stock No.	Type	Capacity	List Price	Your Price
1649	S.F. 13	.00025	\$5.50	\$3.24
1650	S.F. 17	.00035	5.75	3.39
1651	S.F. 23	.0005	5.75	3.39

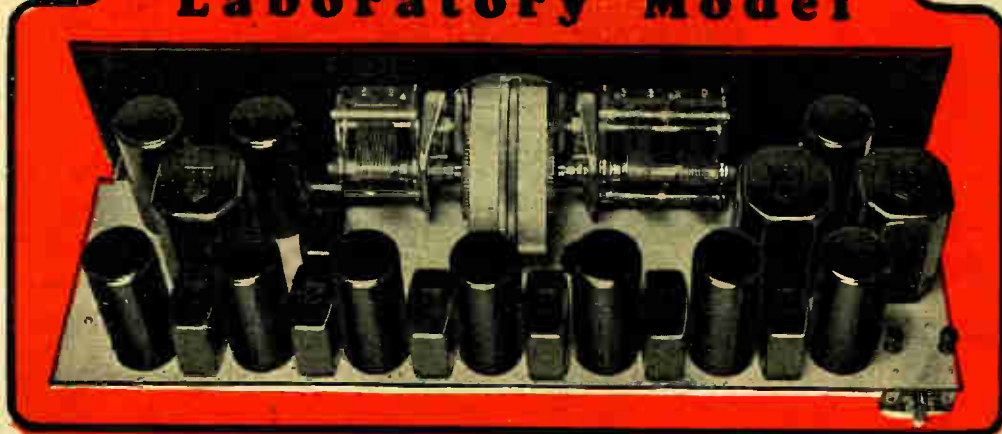
Always First In Values and Quality



TYRMAN

"One Spot"

10 TUBE Laboratory Model



Radio's Newest and Most Powerful Coast-To-Coast Receiver

List of Parts for TYRMAN TEN

2 Tyrman Type 8-70 R. F. Transformers.....	\$ 8.00
1 Tyrman Type 8-71 R. F. Transformer.....	4.00
4 Tyrman Type 8-80 R. F. Transformers.....	28.00
1 Tyrman Type 3-30 Audio Transformer.....	8.00
1 Tyrman Type 3-50 Power Input Transformer.....	10.00
1 Tyrman Type 3-51 Power Output Transformer.....	10.00
1 Tyrman Vernier Drum, Double.....	18.30
10 Tyrman Shielded Sockets.....	12.50
1 Kurz-Kasch Capacity Connector.....	7.50
1 7x26 in. Front Panel, drilled and decorated Bakelite.....	6.90
1 7x26 in. Sub Panel, Ivory Bakelite.....	6.20
2 Benjamin Brackets.....	.70
2 Carter 1 mfd. Condensers.....	2.50
1 Carter 1/2 mfd. Condenser.....	.90
1 .00025 Mica Condenser.....	.35
1 .001 Mica Condenser.....	.40
1 Yaxley No. 669 Cable Connector, complete.....	3.25
1 Daven 3 Meg. Resistance with mounting.....	.85
1 Yaxley 6L Filament Resistance 1 1/2 amp. 5 volts.....	.15
1 Yaxley 5L Filament Resistance 1/4 amp. 5 volts.....	.15
1 Yaxley 200 ohm Potentiometer.....	1.75
2 Chelton 50 mmf. Midget Condenser.....	1.50
1 Yaxley 25 ohm Rheostat with Switch.....	1.75
2 X L Binding Posts.....	.30
1 Type 351 Camfield .00035 Condenser.....	5.75
1 Type 352 Camfield .00035 Two-Gang Condenser.....	10.50
1 Yaxley No. 7200 Grid Resistance.....	.25
1 Blue Print.....	

THE remarkable tone quality and extreme simplicity of the Tyrman "One-Spot" Ten Tube Laboratory Model has set a new standard in Modern radio performance. This set has been built in TYRMAN LABORATORIES by skilled and experienced radio engineers, tested under the most severe conditions. This laboratory model has out-done most other receivers and allows a clear Ten K. C. separation. The unusual feature of this excellent ten tube receiver is the Kurz-Kasch Capacity Connector which besides stabilizing the circuit, eliminates approximately 90% of the wiring and soldering. Tyrman Engineers have made it possible through the use of this connector for any one

Your Price

84³³

List Price \$142.15

Stock No. 795

to duplicate the highly efficient Tyrman Ten Tube Laboratory Model. It is impossible to make long connections or to connect the units in such a manner that the maximum efficiency cannot be obtained.

Thousands of set builders the country over are building Tyrman Ten and are securing better, clearer and more pleasant reception.

Kurz-Kasch Capacity Connector

Eliminates approximately 90% of wiring.
Speeds up assembly.
Prevents errors in making connections.
Rigid, clear, efficient.
Stabilizes the circuit to such an extent that many by-pass condensers are eliminated.



WESTERN RADIO MFG. CO. Chicago

Tyrman Vernier Drums

For Single Dial Control Receivers



Modern radio has placed stress upon beauty as well as efficiency. The recently developed single dial control has given set builders an opportunity to create panel fronts of new simplicity and beauty. The Tyrman Vernier Drum will improve the appearance of any single control receiver. The Vernier Drums are placed side by side within a highly ornamental plate. The tuning device has distinctly visible graduations, silver etched with raised lines and figures. Can be mounted on any popular condenser. Very simple to operate. No backlash. Drum and vernier are moulded genuine bakelite.

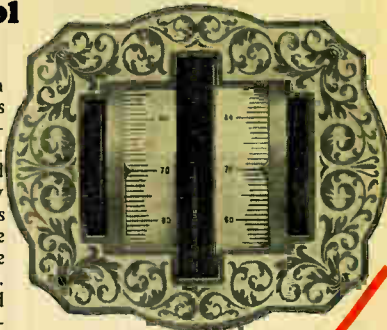
Your Price

2⁹⁴

List Price \$5.00

Stock No. 786

For 2 Dial Control Receivers



The Tyrman Vernier Drum for 2-dial receiver. Consists of two drums and two verniers. Includes new beautifully decorated plate. Rapid tuning is accomplished by center knurls of both controls with single movement. The two verniers on either side provide hairline adjustment. Genuine bakelite drum and vernier. Special clutch arrangement assures perfect concentricity of drums and condenser shafts. No backlash. Can be mounted on all popular condensers. Will improve the operation and appearance of any two drum condenser receiver.

Your Price

5⁸⁸

List Price \$10.00
Stock No. 787

TYRMAN Shielded Socket

THIS new product recently introduced by Tyrman engineers helps stabilize any circuit and eliminates whistles, howls and microphonic noises. The Tyrman shield permits efficient operation in any set and resists the magnetic and static present in all receivers. The shields are 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. Tyrman Shielded Sockets are constructed to allow base board mounting as well as subpanel wiring. The insulating parts are molded of genuine bakelite. Mounted with one screw.



Your Price

74^c

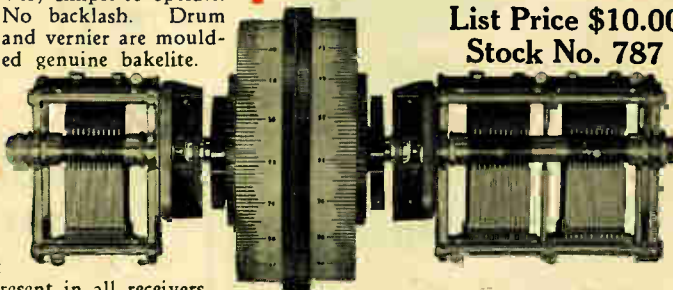
List Price \$1.25

Stock No. 788

TYRMAN Audio Transformer

THE life-like volume of all notes reproduced by Tyrman Audio Transformers is proof that here is a transformer of unusual merit. All notes round, clear and full from the deepest organ base to high-

est soprano are reproduced with all the trueness of the original. Transformer is thoroughly shielded. Design for terminals of the Kurz-Kasch Capacity Connector. Made in three units, Ratio Transformer, Power Input Transformer, and Power Output Transformer. It is recommended that these three units be used together for the greatest volume and the most faithful reproduction.



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

More Amplification with

Type 8-70 200-560 Meters Your Price	Type 8-71 160-360 Meters Your Price	Type 8-80 Long Wave Type Your Price
2³⁶	2³⁶	4¹²
List Price \$4.00 Stock No. 792	List Price \$4.00 Stock No. 793	List Price \$7.00 Stock No. 794

Tyrman T.R.F. Transformers

HERE is another Tyrman accomplishment. It is the result of endless research and produces more amplification, better selectivity and more stable operation. Unit is enclosed in high grade bakelite casing designed for terminals of the Kurz-Kasch Capacity Connector. Made in three capacities—500 to 560 meters—160-360, Transformer Long Wave. These units as well as others shown on this page are used in the construction of the Tyrman One Spot Ten shown on page 30.

Real SPEAKER Values

Baritone 20" 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



Baritone Pedestal Speaker 36" Cone

Reproduces high notes with volume and clarity, and gives rich reproduction to low notes of organ or bass viol. 36 inch diameter. Made in two types; a wall type and a pedestal stand type shown above.

Your Price

21¹⁷

List Price

\$36.00

Stock No. 118

Pedestal Stand
With walnut finished
Tripod stand.

Your Price

22⁹⁴

List Price \$39.00

Stock No. 119

Your
Price

14⁷⁰

List Price

\$25.00

Stock

No. 121



Baritone Picture Cone SPEAKER

A mellow toned Baritone Cone Speaker behind a beautiful oil painting on genuine velvet. Cone is invisible, and possesses remarkable tone qualities. Baritone Picture Cones come complete with cone, ten-foot cord, and mounted in a handsome picture frame, ready for hanging. "Old Ironsides" Design.

O'NEIL Cone Speaker

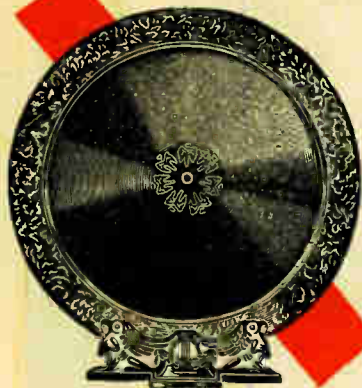
Reproduces all notes and tones accurately. Frame of 5-ply laminated wood which serves as a true sound resonator which gives the rich mellow quality required in perfect reception. Jade green frame with bronze highlights. Beautifully designed metal base with bronze and verdigris shading. 18 1/2" high and 17 1/2" in diameter.

Your
Price

7⁵⁰

List Price \$12.75

Stock No. 122



All-American Cabinet Cone

The correctly balanced sound-ing board and tone chamber gives surprising purity to all notes. This reproducer will get more out of the average set than most speakers. This handsome design makes it a fitting companion to a fine set.

List Price \$25.00

Stock No. 139



Your Price

14⁷⁰

Trimm Home Speaker

The very latest model of the famous Trimm Home Speaker. Black crystalline finish. Very sensitive diaphragm. Wooden base eliminates metallic noises. Reproduces high and low notes with equal clarity and without distortion. A proven speaker that has been used by many thousands.

Your Price

5⁸⁸

List Price \$10.00

Stock No. 131



TRIMM
Home Speaker

10

Cannon Ball Cone Speaker

A powerful adjustable unit gives the operator absolute control of this Camco Cone Speaker. Extra heavy marvellum paper gives a rich quality to all tones. Handsome, efficient, sturdy. 16" high.

Your
Price

5³⁰

List Price \$9.00

Stock No. 144



WESTERN RADIO MFG. CO. Chicago

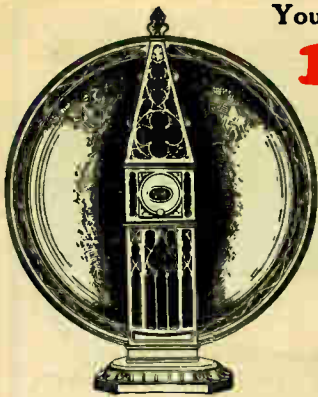


Trimm Concerto Grande

Built on balanced armature principle for operation with semi-power and power tubes. Will take higher voltages and maximum amplification without blasting or distortion. Made in two models.

17" Cone	14" Cone
Your Price 9⁴¹	Your Price 5⁸⁸
List \$16.00	List \$10.00
Stock No. 130	Stock No. 129

SPEAKERS Priced Right!



Pathe Cathedral Cone

Made by the famous manufacturers of high grade speakers. Brings out high and low notes. A unique design that will eliminate distortion from the reception of the average set.

Your Price
17⁶⁴

List Price
\$30.00
Stock
No. 133



Metro Cone Speaker

Distributes sound evenly about the room regardless of the position of the listener relative to the speaker. Metal base attractively finished in gold bronze and beautifully polychromed. 24" high and 22" diameter.

List Price \$18.00
Your Price **11⁷⁶**
Stock No. 147



ACME CONE

Double face cone. Free edge permits unrestrained vibration and prevents distortion. Large volume reproduction of the human voice and all musical instruments. Well proportioned.

Your Price List Price
14⁷⁰ \$25.00
Stock No. 128

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**



Temple Drum Speaker



Stock No. 117

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

Your Price
17⁰⁶

List Price \$29.00

"Utah" Standard Speaker

Utah Speakers require no introduction to the radio public. The Utah Speaker is a handsomely finished gracefully proportioned horn. Gives the utmost in sound reproduction. 14 in. Bell.

Your Price
List Price \$22.50
13²³
Stock No. 125

"Utah" Junior

A smaller horn than the standard but possessing the same general construction and quality. Nationally known as an excellent speaker.

Your Price
List Price \$12.50
7³⁵
Stock No. 126



Always First In Values and Quality



Your Price

41¹⁶

List Price
\$70.00

Stock No.
106

Utah Cabinet Speaker

A beautifully Walnut finished cabinet containing a loud speaker, a compartment for batteries and power supply units. Horn has 7-foot air column which produces the finest tone qualities. Removable grill in front affords easy operation to horn and battery compartment. Dimensions: 27" wide, 36" high, 17" deep.

UTAH Screen Speaker

Stock No. 107
Your Price

58⁸⁰

List Price
\$100.00

A new highly decorative speaker. Screen adaptable to many uses. Made of 5-ply Walnut Veneer. Cabinet constructed with bowed front. 10-foot air column gives rich full amplification of notes of all pitch. Dimensions 40" high, 20" wide, 12" deep.

CABINET Speakers and Drums



NEWCOMBE-HAWLEY WALNUT CABINET SPEAKER

Large enough to use practically with any table set. Ample room for power units. 86 in. tone chamber with latest matched, Nathaniel Baldwin Unit brings in large undistorted volume of all human and musical tones. Cabinet of finest 5-ply genuine Walnut with beautiful antique lacquer finish. Guaranteed not to warp. Dimensions:

Your Price,

44¹⁰

List Price \$75.00

Stock No. 108

Your Price

38²²

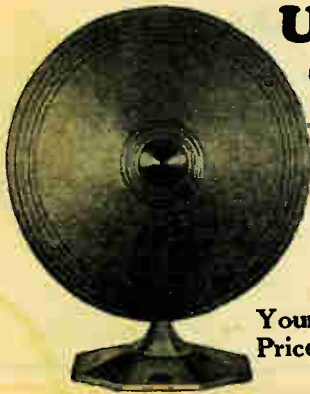
List
Price
\$65.00

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.



Utah Junior Cone Speaker

This speaker is equipped with the famous UTAH Unit which is known for its ability to reproduce all tones. Free edge eliminates all possibility of distortion. 13½ in. in diameter. 15 in. high.

Your
Price

5⁸⁸

List Price
\$10.00
Stock No.
110

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 Type 30 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

17⁶⁴

List Price \$30.00
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



Nathaniel Baldwin Phono Units

Converts phonograph into loud speaker. Sensitive corrugated aluminum diaphragm.

Stock No.	Type	List Price	Your Price
95	Standard Black Imitation leather	\$ 8.00	\$4.71
96	Concert Grand Silver Mottled	14.00	8.40
97	Concert. Gold Mottled	12.00	7.20

Units - Headphones Adapters



Your Price

5⁸⁸

List Price \$10.00

Stock No. 127

UTAH "Superflex"

Operates on proved principles of deflection. Only 8 in. high and 6 in. wide, but having the tonal chamber equal to that of the horn. Equipped with a Utah DeLuxe unit. Finished in Walnut.

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
5⁸⁸

Utah Piano Unit

Can be installed on an upright or grand piano without harm to instrument. Nickel finished.

Stock No. 98
List Price \$10.00

Your Price
5⁸⁸

Utah 'A' Threaded Unit

Your Price **4¹²** List Price \$7.00
Stock No. 103

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 1/2 x 5 in.

Your Price **3⁵³** List \$6.00
Stock No. 99

Baldwin Units

For use in converting phonograph sounding box into loud speaker. Precision instruments give 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

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 **2⁰⁶**
List Price \$3.50 Stock No. 100

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 **1²⁹**
List Price \$3.00
Stock No. 165

List Price \$12.50
Stock No. 104



Phonovox Phonograph Reproducer

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

EKKO Adapters

	List Price	Your Price
No. 1 connects Unit to Edison Phonograph. Stock No. 151	25c	18^c
No. 2 connects Unit to Columbia, Pathe, Vocalian, and Jewel tone arms. Stock No. 162	20c	14^c
No. 4 connects Unit to Brunswick. Stock No. 163	30c	21^c
No. 5 connects Unit to Blaudin, Cecelian and Kimball phonographs. Stock No. 164	25c	18^c

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

Your Price

5³⁰

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



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.	\$1.75	\$0.88
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

Sonatron Power Amplifiers



Type 171

Used in any storage battery receiving set with hookup for power tube in last stage of audio frequency.

Fil. Volts	5.
Fil. Amps.	.5
Plate Volts (min.)	90
Plate Volts (max.)	180

Your Price	List Price
2.25	\$4.50
Stock No. S-171	

Type X-120

Used for dry cell sets only in last stage of audio frequency. Gives great volume without distortion.

Fil. Volts	3.
Fil. Amps.	.125
Plate Volts	135
"C" Battery Volts	22.5

Your Price	List Price
1.25	\$2.50
Stock No. SX-120	

Type X-112

This tube is used as a Power Amplifier in any ordinary storage battery receiving set. Gives greater volume and distance.

Fil. Volts	5.
Fil. Amps.	.5
Plate Volts	22½ to 157

Your Price	List Price
2.25	\$4.50
Stock No. SX-112	



Rectifiers

Full Wave Type 213 'B' Eliminator Tube

B-Eliminator Tube for Rectifying Current.

Your Price	Fil. Volts	5.
2.50	Fil. Amps.	2.
	Max. A.C. Voltage	220
	Per Anode RMS	
	Max. D.C. Output	65
	Milliamperes	

List Price \$5.00 Stock No. S-213

Half Wave Rectifier 216 'B'

B-Eliminator Tube for Rectifying Current.

Your Price	Fil. Volts (6-8) average	7.5
3.75	Fil. Amps.	1.25
	Max. A.C. Voltage	550
	Input Voltage RMS	
	Max. D.C. Output	65
	Milliamperes	

List Price \$7.50 Stock No. S-216B

SX-280 Full Wave

This rectifier tube can be used anywhere a 213 tube is used. Rating: Filament Voltage, 5; Filament Current, 2 Amps.; A.C. Plate Voltage, 300 Volts; D.C. Output Current, 125 Milliamps.

Your Price	List Price
2.75	\$5.50
Stock No. SX-280	

SX-281 Half Wave Tube

Can be used anywhere a 216 "B" tube is used. Filament Volts, 7.5 volts; Filament Current, 1.25 Amperes; A.C. Plate Voltage, 750 Volts; D.C. (R.M.S.) Output Current, 110 Milliamperes.

Your Price	List Price
4.75	\$9.50
Stock No. SX-281	

SX-240 Amplifier and Detector

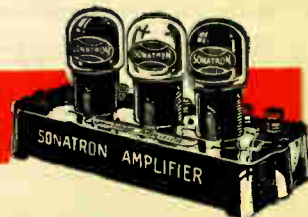
Amplification Factor (Mu)	30
Filament volts	5
Filament amps.	.25
"B" Voltage	135
"C" Battery	180
Amplifier Corresponding "C" Battery	1.5

Your Price	List Price
1.12	\$2.25
Stock No. SX-240	

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



Oscillator and Amplifier 210

As Oscillator:	
Fil. Volts	7.5
Fil. Amps.	1.25
Plate Amp.	.06
Plate Volts	350
As Amplifier:	
Fil. Volts	.6 to 7.5
Fil. Amps.	1.25
Plate Volts (Max.)	425
Neg. "C" Battery	4½ to 35 Volts

Your Price	List Price
4.50	\$9.00
Stock No. S-210	

Voltage Regulator Tube

For regulating the voltage, plate voltage and for protection or plate circuit against A.C. Current. GLOW LAMP for plate voltage regulation. Voltage on amplifier tube cannot exceed 90 volts regardless of number of tubes or fluctuation in line voltage.

Your Price	List Price
2.75	\$5.50
Stock No. SX-874	

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	1/4	Detector	5	\$4.00	
CX-301A	1/4	Detector or Amp.	5	1.75	\$2.75
CX-259	.06	Detector or Amp.	3	2.25	1.21
CX-12	1/4	Detector or Amp.	1 1/2	2.50	1.55
C-259	.06	Detector or Amp.	3	2.25	1.73
CX-220	.125	Power Amplifier	5	4.50	1.55
CX-112	.5	Power Amplifier	5	4.50	1.73
CX-371	1 1/4	Power Amplifier	6-7 1/2	9.00	3.09
CX-310	2	Full Wave Rectifier	5	5.00	3.09
CX-313	1 1/4	Voltage Regulator	5	5.50	6.18
CX-374	1 1/4	Wave Rectifier	6-8	7.50	3.43
CX-316B	1.25	Hi-Mu	5	2.25	3.78
CX-340		Single Wave Rectifier D.C. output of 110 milliamps. Increased output necessary for sets using greater power, such as CX371 and CX310	7.5	9.00	5.15
CX-381		Full Wave Rectifier with an output of 125 milliamps.	5	5.50	1.55
CX-380	2.0				6.30

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	4.20



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 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 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

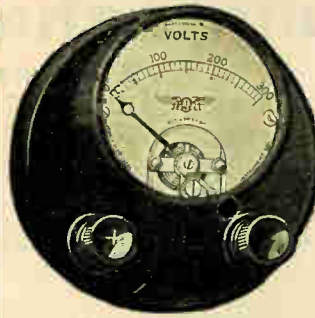
List Price \$25.00

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.

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.



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 milliamperes scale for checking 199 and 201-A type tubes. The 0-40 scale covers power tubes. Genuine bakelite carrying case with strap handle.

Your Price

20²²

List Price \$27.50
Stock No. J-1150



Your Price

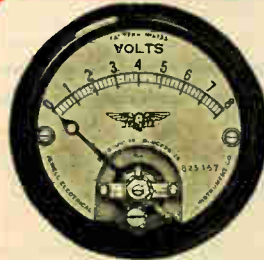
6⁰⁶

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.



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 milliamper.

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

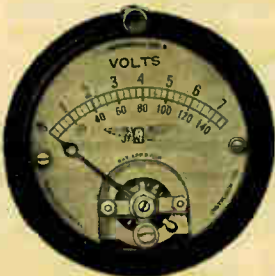
7⁹⁶

List Price \$12.50

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

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

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



Westrad Upright 45 Volt B

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

45 Volt	45 Volt Heavy Duty Upright
Length 8 7/8 in.	Length 8 7/8 in.
Width 3 1/4 in.	Width 4 1/8 in.
Height, 7 1/8 in.	Height, 7 1/8 in.
Your Price 1⁹⁰	Your Price 2⁸⁵
List Price \$3.75	List Price \$4.75
Stock No. 45	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.



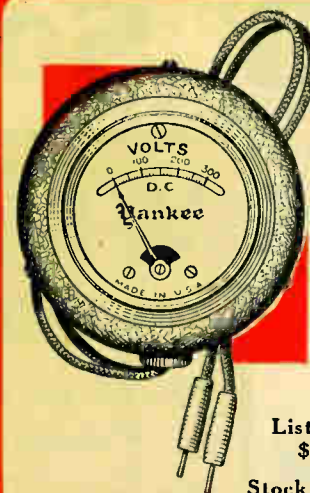
Flat Type	Upright Type	Small Type
Variable voltage at 16½, 18, 19½, 21, 22½ volts; length, 6 5/8 in.; width, 2 in.; height, 3 in.	Two binding posts. Used in portable sets. Length, 3 3/4 in.; width, 2 3/4 in.; height, 6 in.	For portable sets. Length, 3 3/4 in.; width, 2 1/2 in.; height, 3 in.
Your Price 1²⁵	Your Price 1¹⁵	Your Price 94^c
List Price \$2.00	List Price \$1.75	List Price \$1.50
Stock No. B-1	Stock No. B-8	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	Heavy Duty 45 Volt
Length, 8 7/8 in.	Length, 8 7/8 in.
Width, 3 1/4 in.	Width, 4 1/8 in.
Height, 7 1/8 in.	Height, 7 1/8 in.
Your Price 2³⁰	Your Price 3¹⁵
List Price \$3.75	List Price \$4.75
Stock No. B-6	Stock No. B-20



'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.

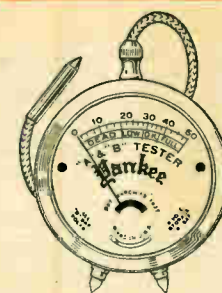
Your Price	4⁷¹
List Price \$8.00	
Stock No. 62	

Meters—Tube Rejuvenators

Volt and Ammeter



Voltmeter	Ammeter
For testing 'B' Batteries. Scale, 0-50 volts. Nickel plated case.	Reads from 0-35 a.m.p. Phosphor bronze control spring. An accurate instrument.
Your Price 67^c	Your Price 54^c
List Price \$1.25	List \$1.00
Stock No. 65	No. 59



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.

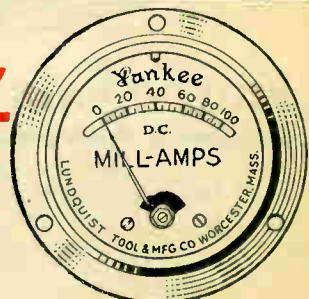
Your Price	1³³
List Price \$2.25	
Stock No. 61	

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.



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, 7/8 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.

Your Price 38^c
List Price 60c
Stock No. C-3

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

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

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 88^c
List Price \$1.50
Stock No. 58

Yankee Panel Mount Volt Meter

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



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

Jewel Portable Meter

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

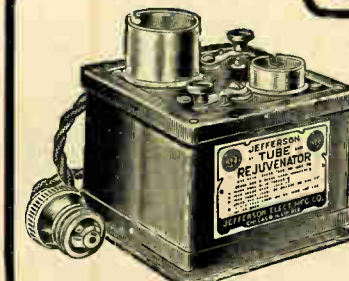
Stock No. J84
Your Price **1⁷⁶**

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 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.

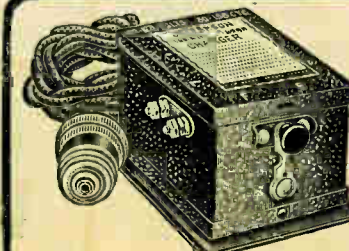
Your Price 2⁶⁵
List Price \$4.50
Stock No. 290



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



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



Grip-Tite Clips

Makes firm electrical contact.

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

List Price 20c	List Price 10c
Stock 586	Stock No. 587

EAGLE HYDROMETER



Your Price 42^c
List Price 75c
Stock No. 585

PHILCO "A" and "B" Socket Powers PHILCO



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
*AB-686	Relay	Philcotron	50, 60	\$69.50
*AB-386	Relay	Dry	50, 60	79.50
*AB-382	Relay	Dry	25, 30, 40, 50, 60	98.50

Over All Dimensions: Width, 13 3/8 in.; Depth, 14 in.; Height, 8 3/4 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

Type	Control	"A" Rectifier	115 Volts A.C. Cycles	List Prices
AB-663	Switch	Philcotron	50, 60 Cycle	\$59.50
*AB-656	Relay			
*AB-356	Relay	Dry	50, 60	69.50
AB-623	Switch	Philcotron	25, 30, 40, 50, 60	69.50
*AB-652	Relay			

Over All Dimensions, AB-663, AB-623: Width, 13 3/8 in.; Depth, 12 1/2 in.; Height, 8 3/4 in.; AB-656, AB-652, AB-356: Width, 13 3/8 in.; Depth, 12 1/2 in.; Height, 8 3/4 in.

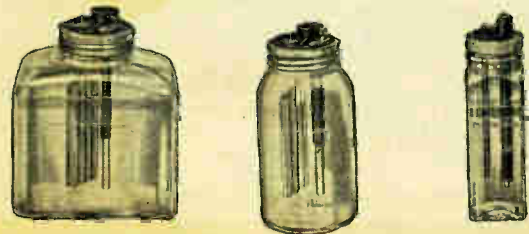
4 Volt "A-B" Socket Powers

For any number of 199 tubes, including 120 Power Tube

Type	Control	"A" Rectifier	115 Volts A.C. Cycles	List Prices
AB-463	Switch	Philcotron	50, 60 Cycles	\$58.50
AB-423	Switch	Philcotron	25, 30, 40, 50, 60	65.00

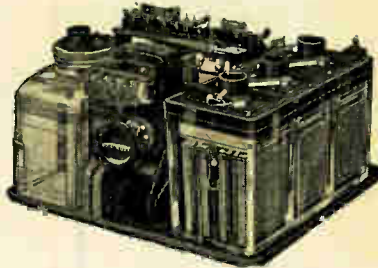
Over All Dimensions: Width, 13 3/8 in.; Depth, 12 1/2 in.; Height, 8 3/4 in.

Philcotron Replacement Cells



"AA" Philcotron. Part K-463. Price.....\$4.00
 "A" Philcotron. Part K-458. Price.....\$3.00
 "B" Philcotron. Part K-457. Price.....\$1.00

Open Type "A-B" Socket Powers For Consoles



Open Type 6-150 Volt "A-B" Socket Powers

Type	Control	"A" Rectifier	115 Volts A.C. Cycles	List Prices
*AB-6561	Relay	Philcotron	50, 60 Cycles	\$58.50
*AB-6521	Relay	Philcotron	25, 30, 40, 50, 60	68.50
*AB-3561	Relay	Dry	50, 60	68.50

Over All Dimensions: Width, 13 3/8 in.; Depth, 12 1/2 in.; Height, 8 in.

Open Type 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 have specially large "A" Battery

Type	Control	"A" Rectifier	115 Volts A.C. Cycles	List Prices
AB-3862	Relay	Dry	50, 60	\$79.50
AB-3822	Relay	Dry	25, 30, 40, 50, 60	98.50

Over All Dimensions: Width, 21 in.; Depth, 9 in.; Height, 8 3/4 in.

Open Type 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

Type	Control	"A" Rectifier	115 Volts A.C. Cycles	List Prices
AB-6562	Relay	Philcotron	50, 60 Cycles	\$59.50
AB-6522	Relay	Philcotron	25, 30, 40, 50, 60	69.50

Over All Dimensions: Width, 21 in.; Depth, 9 in.; Height, 8 3/4 in.



Radiola-28 Remote Control 4 Volt "A-B" Socket Power

For Installation in Radiola-28 Cabinet

Type	Control	"A" Rectifier	115 Volts A.C. Cycles	List Prices
AB-4635	Relay	Philcotron	50, 60	\$65.00
AB-4235	Relay	Philcotron	25, 30, 40, 50, 60	70.00

Over All Dimensions: Width, 25 in.; Depth, 6 1/2 in.; Height, 8 in.

WRITE for NET PRICES

Prices on this Page of Philco Products are List Prices

We carry a complete line of Philco Products and can make immediate delivery. Write for net prices and discounts.

PHILCO "A" or "B" Socket Powers



May be used separately or together. When the "B" Socket Power is used in connection with A-603 or A-253, the "A" switch automatically turns the "B" "ON" and "OFF." When used in connection with A-36, the Radio set switch automatically controls both "A" and "B." Therefore, where space limitations prevent the use of combination "AB" Socket Powers, separate "A" and "B" Socket Powers may be used with the same convenience.

Philco "B" Socket Powers For 6 to 10-Tube Sets

"B" power for 6 to 10-tube sets, including 171 power tube. Provide 180 volts at 60 milliamperes with transformer taps enabling voltage to be adjusted to fit exactly and permanently any line voltage and any number and type of 6-volt tubes. B-86 and 82 gives clear, undistorted reproduction at tremendous volume, as obtained heretofore only with expensive power amplifiers. The last word in "B" power. Philcotrons eliminate the uncertainties and troubles of tube rectifiers. Guaranteed for 1650 hours. Solution contains no corrosive acid whatever. Require no addition of water or other attention.

B-86	50, 60 Cycles	\$45.00
B-82	25, 30, 40, 50, 60 Cycles	55.00

Over All Dimensions: Width, 7 1/2 in.; Depth, 12 in.; Height, 7 1/2 in.

"B" Power

For Sets of 6 Tubes or Less

"B" power for sets using 6 tubes or less, including 171 power tube or more than 6 tubes using 112 power tube. Special terminal for power tube, giving perfect quality with more than enough volume for the average home. Philcotrons eliminate the uncertainties and troubles of tube rectifiers. Guaranteed for 1650 hours, which is 18 months' service using the radio set three hours every day. Solution entirely harmless. Requires no addition of water or other attention.

B-603	50, 60 Cycles	\$32.50
B-253	25, 30, 40, 50, 60 Cycles	37.50

Over All Dimensions: Width, 8 1/4 in.; Depth, 8 1/2 in.; Height, 7 1/2 in.
 DB 115 volts D. C. \$28.50
 Over All Dimensions: Width, 8 1/4 in.; Depth, 8 1/2 in.; Height, 7 1/2 in.



6 Volt "A" Socket Power

Replaces "A" Batteries and separate charging unit

Type	Control	"A" Rectifier	115 Volts A.C. Cycles	List Prices
A-603	Switch	Philcotron	50, 60	\$32.50
A-253	Switch	Philcotron	25, 30, 40, 50, 60	35.00

Over All Dimensions: Width, 9 1/2 in.; Depth, 12 1/2 in.; Height, 7 1/2 in.
 *A-36 Relay Dry 50, 60 45.00
 Over All Dimensions: Width, 9 1/2 in.; Depth, 12 1/2 in.; Height, 7 1/2 in.
 DA-6 Switch For D. C. Current 115 volts D. C. 28.50
 Over All Dimensions: Width, 9 3/8 in.; Depth, 12 1/2 in.; Height, 7 1/2 in.

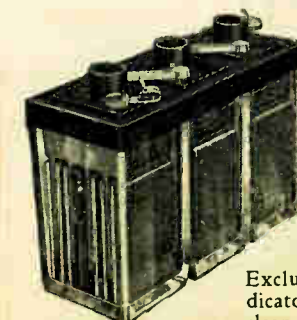
PHILCO Trickle Charger



For 4 and 6-volt "A" Batteries. Snap switch is provided so that the plug doesn't have to be pulled from the light socket when the radio is used. Socket for plugging in B Socket Power and the snap switch controls A Power B Power, even the radio set itself. Three charging rates make it adjustable to any set. Handsome crystal metal case.

TC-60	Switch	Philcotron	50, 60 Cycle	\$12.50
-------	--------	------------	--------------	---------

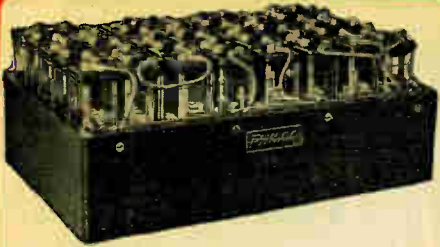
Over All Dimensions: Width, 9 in.; Depth, 5 in.; Height, 8 1/4 in.



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	For Sets Using	Voltage	Over All Dimensions Length	Width	Height	List Prices
UD-44		4	7 1/8"	2 1/8"	6 3/4"	\$7.50
UD-86	Six tubes or less	6	10 1/8"	4 5/8"	6 7/8"	12.50
UD-96	Six tubes or more	6	10 1/8"	4 3/8"	7 3/4"	13.90



Typical Western Values

PHILCO WET "B" BATTERIES

Individual square glass cells. Mahoganized wooden trays. Built-in visible charge indicator. Easily charged. Maximum voltage at all times. Dynamic Electrolyte included.

Stock No.	Type	A. H. Capacity	Volts	List Price	Your Price
774	83 X	3000 M. A. H.	90	\$19.85	\$12.90
775	86 H	6000 M. A. H.	90	25.00	16.25
776	248 DXO Super	3000 M. A. H.	48	14.25	9.26
777	248 DX Super	3000 M. A. H.	48	17.50	11.38
778	248 DHO Super	6000 M. A. H.	48	17.50	11.38
779	272 DNO Super	3000 M. A. H.	90 (2 for 135)	17.95	11.67

Prices on above batteries are quoted net.

Write for prices and discounts on Philco Socket Powers.



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. Mahoganized rubber case. Bail handles.

Stock No.	Type	Volt- 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

EMPIRE Glass "A"

Color float ball indicates state of charge. Non-leak glass case. 4 volt and 6 volt types.



Stock No.	Volts	Plates	Amp.	List Price	Your Price
580	6	12	35	\$12.50	\$7.50
581	4	6	18	7.50	4.50

Balkite Chargers Shown Inside Back Cover of Catalog



Your Price **4.41**
List Price \$7.50
Stock No. 780

SUPER Automatic Power Control

Automatically disconnects the charger when battery is fully charged. Permits the use of high rate chargers. When switch on set is turned 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.

"A" and "B" Duplex Charger



Your Price **7.35**
List Price \$12.50

Stock No. 216

For charging "A" and "B" storage batteries. No hum. Charges direct from light socket. 110 volt 60 cycle. Equipped with 2 a m p. rectifying tube. Charging rate 2 amperes.



Thordarson Charger

A compact Raytheon rectifying unit. Transformers will last indefinitely. Charging rate 2 amperes. 2 3/4" wide, 5 3/4" long and 4 3/4" high.

Your Price **7.35**
List Price \$12.50

Stock No. 781

Rectifying Tubes

2 Ampere
Your Price **2.65**

List Price \$4.00
Stock No. 217

5 Ampere
Your Price **5.60**

List Price \$8.00
Stock No. 218



Always First In Values and Quality

S-M Uni-Pacs and Kits

The S-M 660-210A Push Pull Uni-Pac

The best power pack on the market. Provides unequalled bass note reproduction and undistorted volume.

Your Price

Less Tubes **\$48⁹⁵**

Not Wired

Stock No. 731 List Price \$83.25

Your Price

Less Tubes **\$54⁸³**

Wired

Stock No. 732 List Price \$93.25

Tubes for 660-210A Uni-Pac

No.	Required Type	List All Tubes	Your Price
2	UX-216-B or CX-316-B		
	Single wave reflectors	\$15.00	\$10.30
1	UX-874 or CX-374 Ballast	5.50	3.78
2	UX-210 or CX-310 power	18.00	12.36
Stock No. 733			\$38.50
			\$26.44

S-M Uni-Pacs

LATEST TYPES

The 660-210A and 660-171A Uni-pacs are the peers of all power packs not utilizing the great advantage of push pull power amplification. They possess universal application as phonograph amplifiers, two stage amplifiers, complete ABC power supply when using new AC tubes. Transformers tapped for filament supply at 1.5, 2.5 and 3 volts.



The S-M 660-171A Push Pull Uni-Pac

Superior to any 171 power pack made. An extra tube socket permits it to be used as a complete two stage power amplifier or as a phonograph amplifier.

Your Price

Less Tubes **\$38⁸⁰**

Not Wired

Stock No. 734 List Price \$66.00

Your Price

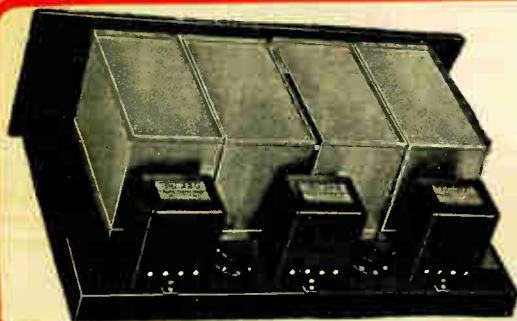
Less Tubes **\$44⁷⁰**

Wired

Stock No. 735 List Price \$76.00

Tubes for 660-171A Uni-Pac

No.	Required Type	List All Tubes	Your Price
1	Raytheon 85 mil. Rectifier	\$ 4.50	2.65
1	UX-874 or CX-374 Ballast	5.50	3.78
2	UX-171 or CX-371 power	9.00	6.18
Stock No. 736			\$19.00
			\$12.61



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.

The Silver Cockaday II Kit

For a 5 Tube, 2 Dial Receiver

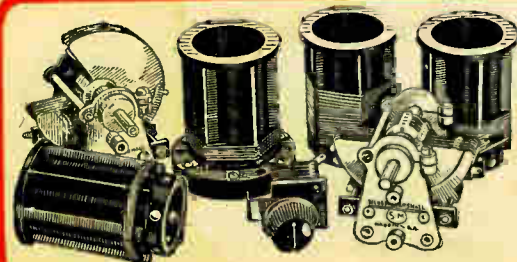
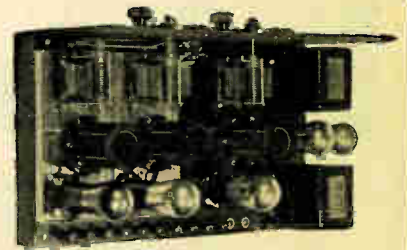
A receiver designed by the two masters of radio, Silver and Cockaday. Two dial control. Five tube receiver, two stages of radio frequency, detector and two stages of transformer coupled audio frequency amplification. Gives better selectivity, sensitivity and tone quality than most ready built 5 tube receivers. The S-C II has been recommended by many of the leading radio experts and editors in the country. Adaptable to long wave reception. Complete with wiring instructions.

Your Price

\$37⁷²

List Price \$64.15

Stock No. 620



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.

WESTERN RADIO MFG. CO. Chicago

SILVER-MARSHALL QUALITY PRODUCTS

S-M 652-A Reservoir A. B. C. Power Supply

By using new 329 A Transformers this unit will furnish complete ABC power supply, when using AC tubes. This unit will deliver 220 volts maximum when using CX 371 power tubes. When used with 201 A tubes B and C Voltage can be obtained sufficient to operate sets from one to ten tubes.

Your Price
Not Wired
Less Tubes

21⁴⁶

List Price \$36.50
Stock No. 219

Your Price
Wired
Less Tubes

23⁸²

List Price \$40.50
Stock No. 223

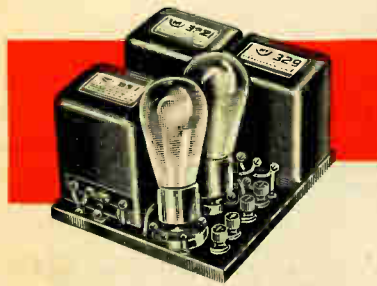
Tubes Required for S-M 652-A

Type	List	Your Price
1-85 Mil. Raytheon.....	\$4.50	\$2.70
1-CX 374 Ballast Tube.....	5.50	3.78

Stock No. 737

\$10.00

\$6.48



S-M 440 Jewelers Time Signal Amplifier

A three stage tuned R. F. Amplifier and detector consisting of 4 large size tuned air-core transformers and 4 tube sockets properly bypassed, wired up and sealed in a copper and brass case. Each stage individually shielded. This unit makes an ideal super amplifier for use with present day tubes. Owners of super-bats can increase the selectivity of their sets by substituting this unit for their present transformer.

(Tubes Not Included)

List Price
\$35.00

Stock No. 270
YOUR PRICE

20⁵⁸

230 Push Pull Input Transformer

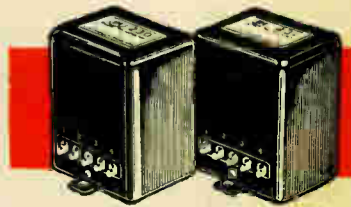
For use in the highest quality Push Pull Power amplifier that can be built as a variable ratio straight audio transformer, 6:1 or 3:1. Center-tapped secondary. In 3:1 ratio same characteristics as No. 220 audio transformer. In 6:1 ratio, secondary inductance 3,600 henries, under operating conditions;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



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.

S-M Products

329-A Power Transformer

No. 329A used wherever No. 329 is specified, with 313, 380, Q-B-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.

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



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



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 Stock Price
No. 261

3⁵³

Type 330A
No. 330A used wherever No. 330 is specified with 380, 316B or 381 rectifiers. In addition to B supply will furnish A and C power to A.C. and power tubes. Secondary, with 105-120 volt, 60 cycle, primary with cord and plug.

Your Price **6⁴⁷**
List Price \$11.00
Stock No. 264

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 4.85 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 Audio

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 1/8 turns secondary, 9 1/2 turns slotted primary, 49 5/8 turns inner primary.
D-247	115-D	13 piles, 20 turns each secondary, 1/2 turns slotted primary, 49 5/8 turns inner primary.
248	116-A	89 5/8 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 1/8 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 1/8 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

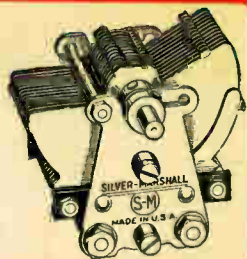
Straight line frequency type. Rigid solid lacquered plate assembly. Designed for base or panel mounting. Adjustable rotor and stator plates and bearings. Removable steel shaft. Capacity, .00035 mfd.

Stock No. Type Your Price Each

- 252 316-A As described above; shaft, 3 3/4 in.
- 253 316-B As above, with 3% - in. shaft.
- 254 317 For short-wave tuning, .00014 mfd.

List Price, Each, \$4.50

2.65



S-M Midget Condenser

Type 340

Capacity, .00003 to .00025 mfd., for compensating, balancing antenna coupling, etc. Lacquered brass plates. Bakelite end plate. Panel or sub-base mount.

Your Price **88c**

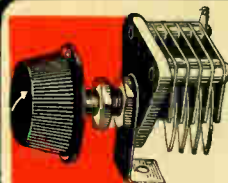
List Price No. \$1.50 Stock No. 256

Type 341

Capacity, .00004 to .00075 mfd. Suitable for all us's 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% x 2 1/4 in.

List Price \$2.00

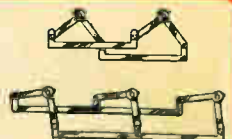
Stock No. 242 Your Price **1.18**

TRIPLE LINK

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

List Price \$2.50

Stock No. 241 Your Price **1.47**



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

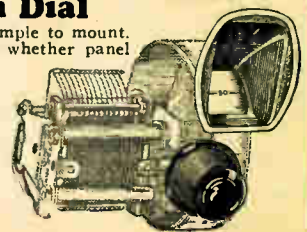
Furnished with attractive bronze panel bezel. Simple to mount. Suitable for any type standard shaft condenser, whether panel or subpanel mount. Universal for either right-hand or left-hand position. The dial readings controlled by a panel knob and illuminated, as a lamp bracket is furnished. Size when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

List Price \$3.00

Stock No. 259

Your Price

1.77



S-M 540 Panel Bracket

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

42c

List Price 70c Stock No. 224



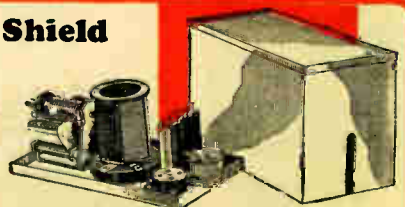
S-M 631 Stage Shield

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





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 clock wise or counter clock wise. *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

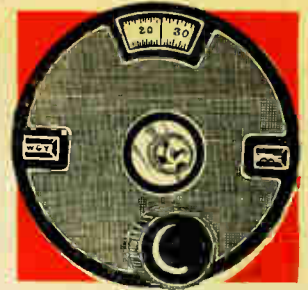
Divided in 200 divisions, 2 for each broadcast channel. Gives a full 15 inches of dial space. Calibration strips rapidly mounted, easily removable and renewable. *Call letters may be written in spiral gear drive gives quiet operation. Socket and 6-volt lamp furnished for illumination.* Easily mounted. 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



Your Price

1⁷⁷

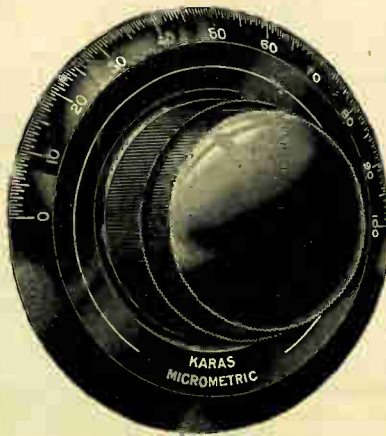
List Price \$3.00

Stock No.	Type
411	220 0 to 100
410	221 100 to 0

An efficient fine appearing nickel finished dial, calibrated. Made in clock wise and counter clock wise 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.

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

Silver-Marshall Dials, Page 46

Tyrman Drum Dials, Page 31

Pilot Kilograd

Your Price

59c

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

99c

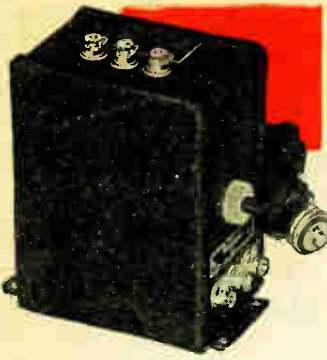
List \$2.25
Stock No. 948



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.

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 3415 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	Your Price
1 1000 Ohm Ward Leonard Resistor.....	1.25	15 ⁵⁹ —
1 Thordarson R-200 Transformer.....	8.00	
1 Thordarson R-76 Transformer.....	6.00	
1 Benjamin UX Socket.....	.75	
	\$25.00	

List Price \$25.00 Stock No. 150



**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 5¾ 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 4¾ in. x 5½ in. high.

Your Price 8²⁴—

Stock No. 154 Type T-2099 List Price 14.00

**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, 300 D. C. Working Volts	1.75
2 Benjamin UX Tube Socket.....	1.50
1 Thordarson Power Input Plug R-172.....	1.00
5 Blinding 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 Blinding 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, 300 D. C. Working Volts	1.75
1 Benjamin UX Socket.....	.75
1 Thordarson Power Input Plug R-172.....	1.00
2 Blinding Posts .....	.30
1 Power Amplifying Tube UX-171.....	4.50

**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 5¾ in. x 4¾ in.



Your Price 5⁸⁸—
List Price \$10.00

Stock No. 159—Type T-2445

**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 3¾ in. high.

Your Price 2⁹⁴—
List Price \$5.00

Stock No. 156

List Price \$5.00

**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 Your Price



List Price \$4.90 2⁸⁹—
Stock No. 160

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

THORDARSON Transformers



Your Price

4⁷²

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.



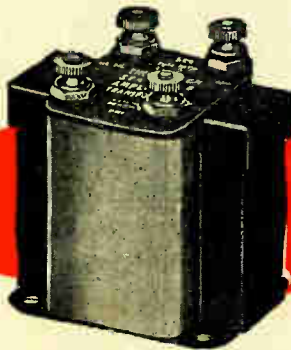
Your Price

2⁹⁴

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.

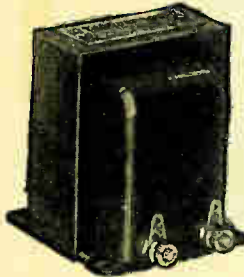
Stock No.	Ratio	List	Your Price
325	3½:1	\$4.00	\$2.36
326	6:1	4.50	2.65
327	2:1	5.00	2.94

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

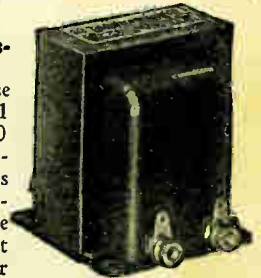
2⁹⁴

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

3⁵³

List Price \$6.00
Stock No. 324



Your Price

4⁷²

List Price \$8.00

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

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.

Muter Audio Transformers

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

3-1 Ratio

Your Price

1²⁰

List Price \$2.00
Stock No. 313



5-1 Ratio

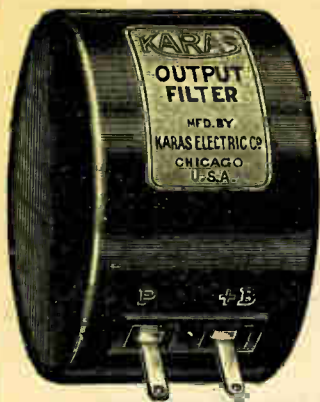
Your Price

1³⁵

List Price \$2.25
Stock No. 314

Always First In Values and Quality

TRANSFORMERS of 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.



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.

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. **Your Price 2⁹⁴**
List Price \$5.00
Every tone is distinct, definite and natural. Stock No. 346



Your Price

12⁹⁴

List Price \$22.00
Stock No. 112

Victoreen 112 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.



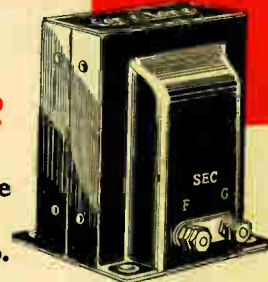
Your Price

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

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.

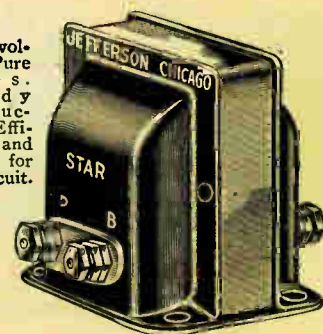
Stk. No. Type Tubes
341 199
342 201

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	\$1.65
348	G-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 Oscillator 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 truthness.

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 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 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 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

Remler Choke Coil

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

Your Price

53^c

List Price 90c
Stock No. 362



Camfield Duoformer Kit

Your Price

5⁸⁸

List Price \$10.00

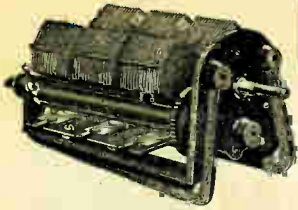
Stock No. 518

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.

Always First In Values and Quality

Condensers for Better Tuning

REMLER Condensers



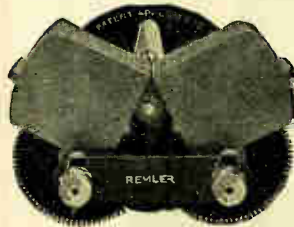
3-In-Line Condenser

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
39 643—S. L. Frequency... .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



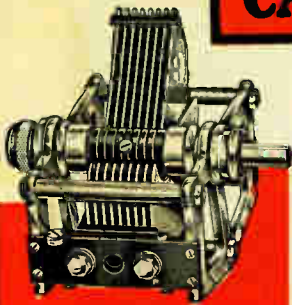
2-In-Line Condenser

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.

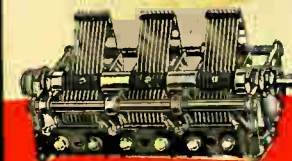
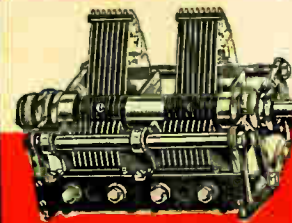
Stock
No. Type Capacity
36 632—S. L. Wave Length... .00035
37 642—S. L. Frequency... .00035

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 No.	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	3.39
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	10.59
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**

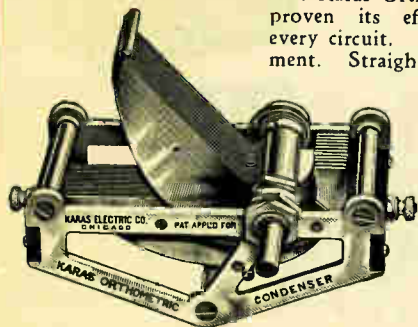
Stock No. 653
List Price 60c



WESTERN RADIO MFG. CO. Chicago

Condensers at Attractive Prices

KARAS Orthometric

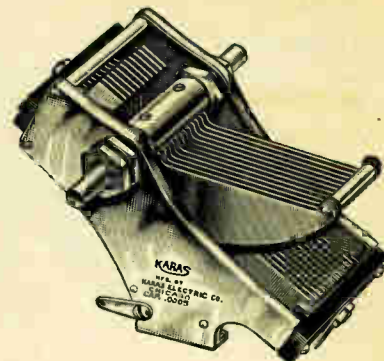


The Karas Orthometric Condenser has proven its efficiency in practically every circuit. It is a precision instrument. Straight-Line Frequency characteristics eliminates crowding of stations at any part of the dial. Increases set selectivity and simplifies tuning. Resistance has been reduced to lowest 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.



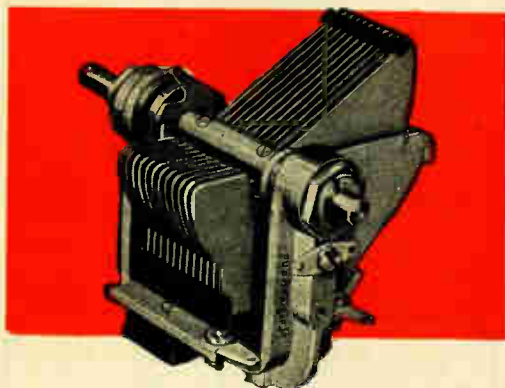
Stock No.	Capacity Mfd.	List	Your Price
608	.00025	\$5.00	\$2.94
609	.00037	5.25	3.09
610	.0005	5.50	3.24

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	3.00
625	ML-5	.0001	4.75	2.85

Multiple Condenser

626	Double MLD.17	.00035	8.75	5.25
-----	---------------	--------	------	-------------

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.

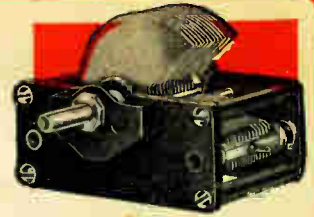
Stock No.	Type	Capacity	List	Your Price
641	23	.0005	\$3.50	\$2.06
642	17	.00035	3.00	1.77
643	11	.00025	2.75	1.62
662	7	.00015	2.75	1.62

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

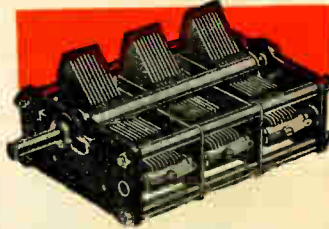


AMSCO Straight Tuning Line

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

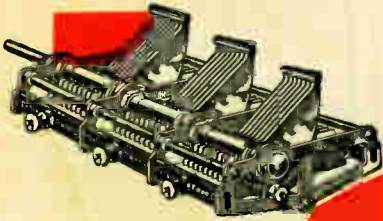
AMSCO Triple Condenser



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 sturdy 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

DEJUR Variable S. L. F. Condenser



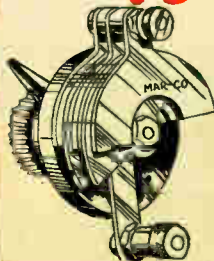
Made single, double and triple. Condenser frame grounded to rotor, eliminates hand capacity. Uniform spacing. Nickel plated brass end plates. Pig-tail spring connector. Low minimum capacity.

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 **64^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 **96^c**



SPRING SUPPORTED SHOCK ABSORBING

Benjamin Cushion Socket for UX Tubes

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

Reliable Sockets and Adapters

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 terminal connection.

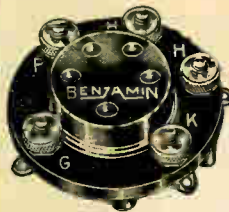
5 Prong "Y" A. C. Cushion Type Sub-Panel Mount



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
Stock No. 479

Your Price
30c

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 U V or C Tubes

Genuine bakelite. UV or G-299 tubes to 201A socket. **Your Price**
List Price 60c
Stock No. 321 **36c**



FROST-RADIO

Frost UX Socket

For all UX tubes. Genuine bakelite. **Your Price**

24c
List Price 40c
Stock No. 423



FROST-RADIO

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



FROST-RADIO

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. 922
For .00035 Cond. Stock No. 923

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.



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.

Your Price **2³⁶**

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

For .00035 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 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. 0	0 to 15 meters

AERO Universal T. R. F. Kit—3 Coil

This kit consists of 3 coils—twice matched three Aero Universal Radio Frequency transformers. Coils are wound on genuine bakelite skeleton forms assuring 95% air dielectric. Tuning range from below 200 to above 550 meters. Adaptable to 201-A, 199, 112, the new 240 tubes and the new A.C. tubes. The units are extremely rugged and maintain their shape and electrical efficiency. Designed for easy mounting and connecting.

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 **2³⁶**

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

Your Price **7⁰⁶** SET OF 3 COILS

List Price 12.00

Stock No. 920 for .0005 Condensers
Stock No. 921 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

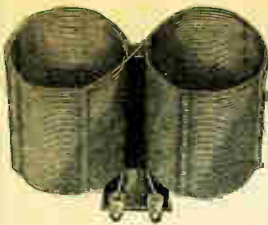
Made in two types.
Stock No. Type
942 Tuned R. F. choke.
943 Short wave choke for high frequencies.

Your Price **88c**

List Price 1.50



WESTERN RADIO MFG. CO. Chicago



Your Price
Kit of 3
Coils
4⁴¹
List Price
7.50
Stock No.
989

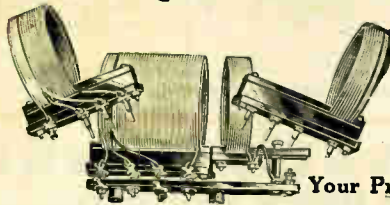
Benjamin Lekeless T. R. F. Transformer

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



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.

Your Price
3⁷⁵

List Price
6.50
Stock No.
990

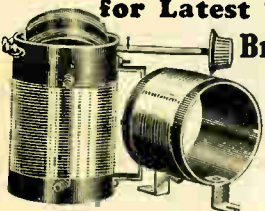
Ellis "D" Coil

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.	Capacity
991	.00035
992	.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 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



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



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.

Stock No. 994

Your Price
52c
List Price 1.10



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.

Your Price
Set of 3
96c
List Price
2.00
Stock No.
523



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, 1/4" 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	Double Circuit.	.65	.39
Y-701	Open Circuit.	\$0.40	\$0.24	Y-704	Interstage.	.75	.46
Y-702	Circuit Closing.	.55	.33	Y-704A	Two Circuit Filament Control.	.75	.46
Y-702A	Two Circuit.	.55	.33	Y-705	Two Circuit Filament Light- ing.	.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

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

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

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

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

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

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

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

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

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

Midget Jack

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

Your Price **18c**
Stock No. List Price
72 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 Stock No.
15c 73

Pup Plug

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

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

Midget Plug

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

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

Name Plates
Your Price **3c**
List Price 5c
"Detector" — "1 stage."
"On and Off" — "2 stage."
"Loud Speaker."
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
Stock No. YAX-12
Your Price **75c**

YAXLEY Jack Switches

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

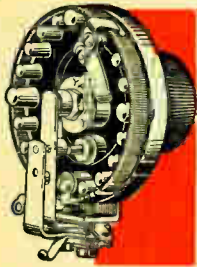
Your Price **45c**
Battery Switch
Stock No. YAX-20
List Price 75c

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 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 $\frac{7}{8}$ " 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. 1/4-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 1/2 in. in diameter, a dependable tap switch. Complete with dial plate and bakelite knob.

Stock No.	Points	List	Your Price
44	4	\$0.75	\$0.48
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**
List Price 20c
Stock No. 367

Black or walnut bakelite with white indicator arrow. Mounts on 1/4" plain shaft. Diameter 1 1/2". Specify color.

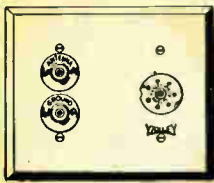
YAXLEY Air Cooled Potentiometer

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.



Convenience Outlets



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

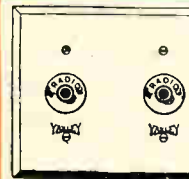
All Terminals and Loud Speaker Outlet

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

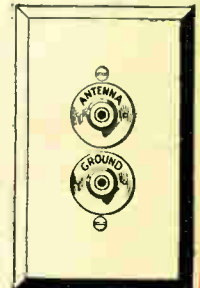
Stock No. Yax-238

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

AMPERITES

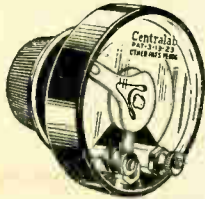
Type	Amperes	Tubes	Volts
1-A	1/4	201A Type	5
4-V 199	.06	199 Type	3
6-V 199	.06	199 Type on 6-V Battery	
A-120	.125	120 Type	3
A-112	1/2	112 or 171 or two 201A Type	
D-11		WD11 or VX12 Type	
3-A	3/4	For 3-201 A Type	
4-A	1.	For 4-201 A Type	
5-A	1 1/4	For 5-201 A Type	

Centralab Radiohm

YOUR PRICE

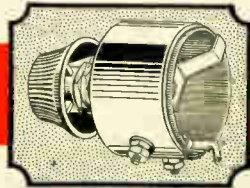
1²⁸

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	O- 2,000
353	R-025	O- 25,000
355	R-050	O- 50,000
356	R-100	O-100,000
357	R-200	O-200,000
358	R-500	O-500,000



Centralab Heavy Duty Variable Resistor

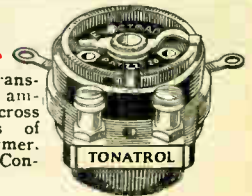
Provides smooth, accurate voltage control for B Eliminators. May be used where resistor must carry a fairly large amount of power and withstand high voltage.

Stock No.	Type
306	IIR 050-50,000-Ohm. For Intermediate Voltage.
307	IIR 100-100,000-Ohm. For Detector.

List Price \$2.00 **Your Price 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

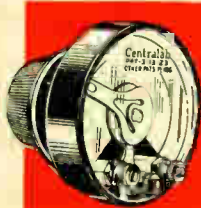
Centralab Modulator

A three terminal variable resistance. Range O-500,000 Ohms.

List Price \$2.00

Stock No. 359
YOUR PRICE

1²⁸



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

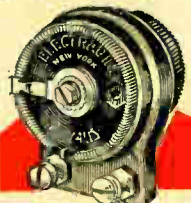


Power Clarostat

0-500,000,000 ohms resistance. Will carry 40 watts safely. Ample heat dissipation for operation over long periods.

YOUR PRICE 2⁰⁶

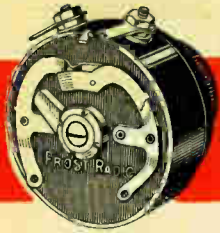
List Price \$3.50
Stock No. 354



Electrad Royalty Variable High Resistances

Stock No.	Type	List Price	Your Price
891	E-Compensator, 500,000 ohms. Potentiometer	\$2.00	\$1.18
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

FROST-RADIO RHEOSTATS AND JACKS



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	(Infradyne special) 50,000

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

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

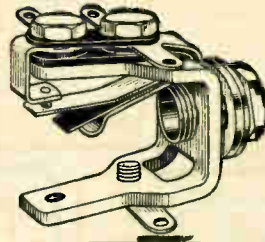
3 TERMINALS

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



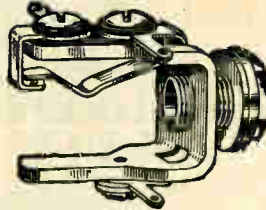
For limited space. Projects only 1 in. behind panel. Self cleaning contacts. Fits all standard plugs. Single filament control.

Your Price **30c**
List Price 50c
Stock No. 955

Closed Circuit Gem-Jac

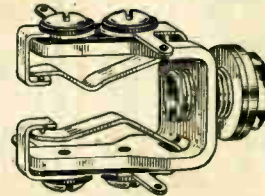
Nickel plated brass frame. Mounts on 1/8 in. or 1/16 in. panel.

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.

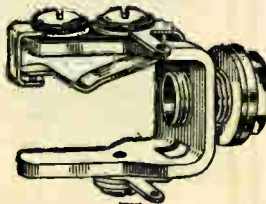


Your Price **30c**
List Price 50c
Stock No. 951

Open Circuit Gem-Jac

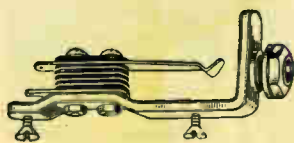
Compact and efficient, fits all standard plugs.

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

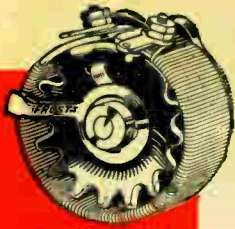


Your Price **50c**
List Price 85c

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	

List Price \$1.00

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

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

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	

List Price 75c

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	List Price	Black		Walnut	
			Your Price	Stock No.	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. $1\frac{3}{4}$ 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.	Your Price
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



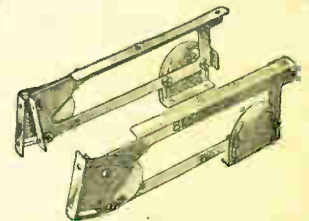
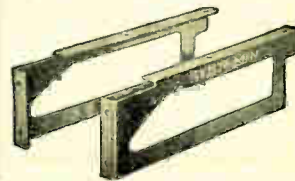
Easy to drill and thread. Will not warp, chip or crack. Standard length, 2 $\frac{1}{2}$ ft. Can be supplied in lengths of 6 in. or longer.

Stock No.	Inside Diameter	Your Price Per Ft.
4731	2 $\frac{1}{4}$ in.	\$0.82
4732	2 $\frac{3}{4}$ in.	.89
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 **42^c**
No. 596 PER PAIR

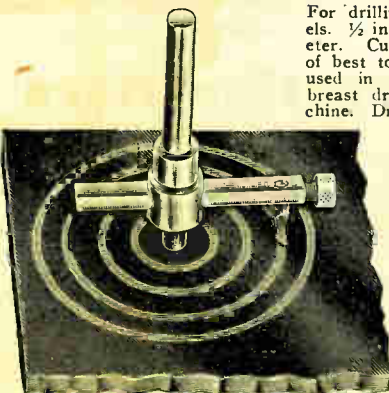


Benjamin Shelf Brackets

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. Transform-ers, chokes, etc., mounted underneath the sub-panel leaving the top for sockets only.

Your Price
74^c
PAIR
No. 909 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

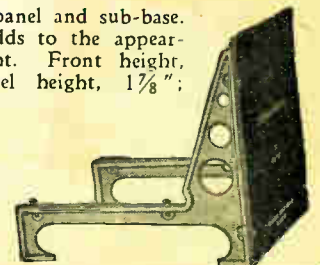
1²⁵

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 $\frac{5}{8}$ "; 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
Stock **90^c**
No. 570



WESTERN RADIO MFG. CO. Chicago

IMP Rheostat

All metal frame. Self cooling. Very compact construction. Gives satisfaction in any circuit. Fitted with knurled knob.



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 **I-18** 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 **I-33**

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



(Half Size)

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	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
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-3/4	.67	6-201A Tubes
1470	H-1/2	.5	8-201A Tubes	1471	H-1/4	.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 **59c** List Price \$1.00



Carter Midget Rheostat Heavy Duty

Rugged construction. Small, compact and reliable. 3/4 in. resistance strip affords more radiating surface. Mounts in 1/2 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.



Half Size

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



Single pole, single throw. Two springs. Closes one contact. Used to close A Battery Circuit.

Your Price

45°

List Price 75c
Stock No. 1492

TYPE 3. Jack Switch



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.

Your Price

53°

List Price 90c
Stock No. 1493

TYPE 6. Jack Switch



Double pole, double throw. Six springs; opens two and closes two contacts. Used to switch battery charger and loud speaker on and off.

Your Price

74°

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 Price	Your Price
1495	404	4	\$1.00	0.89
1496	405	5	1.05	.62
1487	407	7	1.15	.68
1498	409	9	1.25	.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	.42
1508	.005	.70	.50
1509	.006	.85	.57
1510	.0075	.95	.68
1511	.01	1.15	1.03
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	5.88

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	0.45
1516	102	.25	.75	.45
1517	105	.5	.90	.53
1518	110	1.0	1.25	.74

CARTER 110 Volt Switch

Toggle switch. Definite Contacts. Compact.

List Price 75c

Stock No. 1489

Your Price

45°





Your Price

53^c

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

**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 milliampere 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
Type 630
Stock
No. 1477 **1⁶²**

**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^c**
Stock No. 1474
List Price 80c

Your Price **51^c**
Stock No. 1475
List Price 85c



Portable Jack

A handy extension for speaker to any part of the house or lawn. Substantially made.

List Price **75c**
Your Price
Stock
No. 1488 **45c**

**CARTER
Hold-Tight Jacks**



Carter Hold-Tite Jack Type 101
One Spring. Open Circuit.

Stock No. 1478
Your Price **30^c**
List 50c



Carter Hold-Tite Jack Type 102A
Two springs; one break contact. Closed circuit.

Stock No. 1479
Your Price **36^c**
List 60c



Carter Hold-Tite Jack Type 103
Three springs. Single filament control.

Stock No. 1480
Your Price **42^c**
List 70c



Carter Hold-Tite Jack Type 104
Four springs; breaks two contacts. Double circuit.

Stock No. 1481
Your Price **48^c**
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^c**
List 90c

**CARTER
"Short" Jacks**



Smallest made for compact construction, widely spaced. Mounts in 1/8-in. hole.

Type 1—Open Circuit Output
Your Price **15^c**
List Price 25c
Stock No. 1483

Type 2A—Single Closed Circuit
Your Price **18^c**
List Price 30c
Stock No. 1484

Imp Jack

Cord tip jacks of large size and substantial construction.



Your Price **18^c**
List Price 30c
Stock No. 1485

Imp Plug

Can be fastened to end of cord without soldering.

List Price 15c
Your Price **9^c**
Stock No. 1486

**CARTER
IMP Battery Switch**

Quarter turn Snap Switch. Positive contact. "Off" and "on" name plates and pointer. One hole mounting.



List Price 65c
Stock No. 1490

Half Size
Your Price **39^c**

Carter IMP Pilot Switch



Signals whether set is on or off. One hold mount. Red bulb.

Your Price **89^c**
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 **7^c**
Lots of 10 **60^c**



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	.45
1208	1.0 Mfd.	.90	.53
1209	2.0 Mfd.	1.75	1.03
1210	4.0 Mfd.	3.50	2.06



Condensers and B-Blocks

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

Radio Interference Filter

Will handle up to 1/2 H. P. on 110 volts or 1/2 H. P. on 220 volts D.C. Reduces radio interference from oil burners, refrigerators, sewing machine motors and similar sources. Provided with 5 leads. No extra wiring required for attachment. A worth while investment.



List Price \$15.00
Your Price **\$8.82**
Stock No. 1252

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

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.	\$11.00	\$6.47
1229	TOBE BH BLOCK, Type 765. Contains two 4's and one 8 mfd., 400-volt short path condensers, for use with Raytheon BH tube.	11.00	6.47
1230	R-171 B BLOCK, as specified for use with Thordarson No. 171 Power Compact. Contains all necessary capacities and taps.	12.00	7.06
1231	R-210 - B BLOCK, as specified for use with Thordarson 210 Power Compact.	13.00	7.65
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 401 Buffer Condensers.)	14.00	8.24

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.	Capacity	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	.65
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	.67
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

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	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.	Capacity	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

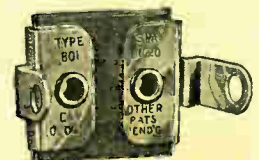
A paper dielectric condenser. Special mounting feet. Condensers occupy little space. Neat appearing and efficient. Convenient soldering lugs. 160 D.C. working range.

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-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

Dubilier 601 Micadon



Permanent capacity. Cannot expand or contract. Mica insulation. Eliminates noises. Eyelet solder connections. Tested under 600 volts D.C.

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

Always First In Values and Quality

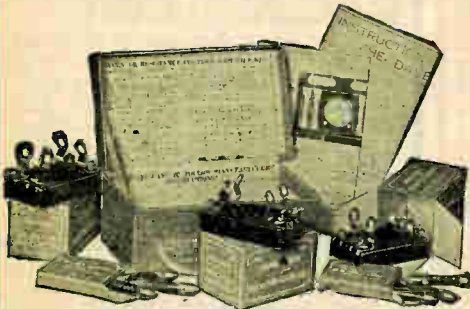
DAVEN 3-K Amplifier Kit

For construction of a Daven Amplifier Kit, everything except the sockets and bus bar wire. Contains the following parts:

- 3—Daven Resisto Couplers (with special Type A Daven Coupling Condensers)
- 3—.01 Megohm Daven Resistors
- 1—1 Megohm Daven Resistor
- 1—.05 Megohm Daven Resistor
- 1—.25 Megohm Daven Resistor, **YOUR PRICE**
- Complete instructions

List Price \$8.00. Stock No. 591

471



Resistances AND Grid Leaks



Daven Mounting

Mounting for grid leaks. Genuine moulded bakelite base. Nickel plated phosphor bronze clips. Hole for fastening screw in center of base. **Mounting only without leak.**

Your Price 21c List Price 35c
Stock No. 593

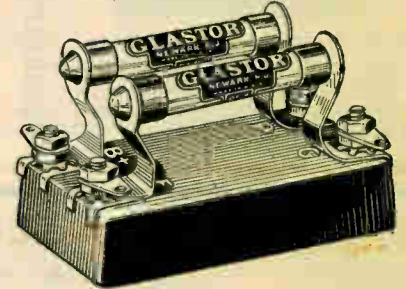
Daven Resisto Couplers

Used where one, two or three stages of resistance coupling are needed. May be used alone or with other methods of amplification. Type "A" Condensers 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 1.03 List Price \$1.75
Stock No. 1662

DeJur Resistance Mounting

Genuine bakelite. Nickeled phosphor bronze 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 1/4 x 8 1/2 in.



Stock No. 1665. List Price \$8.00

YOUR PRICE

4.70

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 2.49

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		
472	5		
			List Price 30c

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 59c

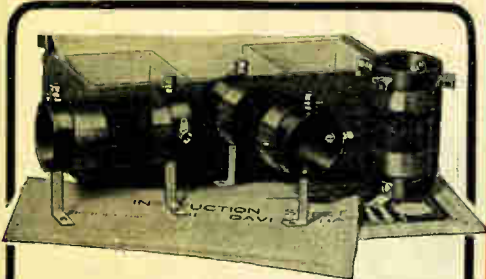


Daven Super Amplifier without Tubes

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 3/8" long by 3 3/4" wide by 2 7/8" high.

Your Price 8.82

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

4.71

List Price \$8.00

Stock No. 980

Daven Type "A" Condenser

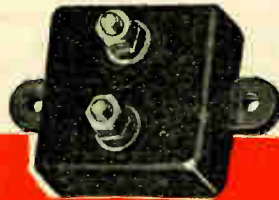
Your Price

Used to improve resistance coupling. Capacity does not vary under changing weather conditions. A compact unit.

59c

Stock No. 979

List Price \$1.00



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	45c
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

981	For one 1/4-amp. tube
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.

Your Price

59c

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	45c
1062	1/4	Your Price 30c	List Price 50c
1063	1/2		
1064	1		
1065	2		
1066	3		
1067	4		
1068	5		



Your Price **43c** 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	6c
967	1/4	Your Price 30c	List Price 50c
968	1/2		
969	1		
970	2		
971	3		
972	4		
973	5		

Always First In Values and Quality



Cord Type
Your Price **1.60**
List Price \$2.50
Stock No. 442

PLUGS PRICED! RIGHT!

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 **1.60**
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.

Stock No. 958 List Price 60c

Your Price **36c**

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 **30c**

Your Price



YAXLEY Plugs



YAXLEY No. 50

SINGLE

List Price 50c

Stock No. 439 **30c**

YOUR PRICE

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.

DUPLEX

List Price 60c

Stock No. 438 **36c**

YOUR PRICE

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



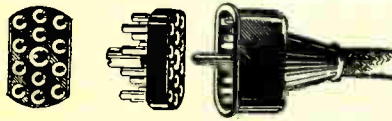
Double Phone
Five-foot cord with four headphone tips. Tinsel wire.

List Price 50c
No. 486 **18c**

Jones MULTI-PLUG

THE STANDARD 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**



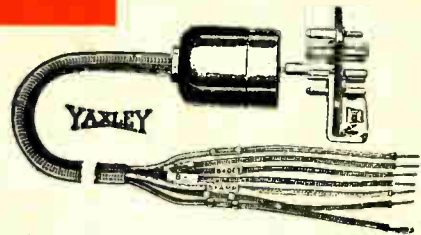
7 WIRE
 1075—Panel Mount, 8 Ft. Long..... 4.50 **2.65**
 1076—Base Mount, 8 Ft. Long..... 4.75 **2.80**



10 WIRE
 1077—Panel Mount, 8 Ft. Long..... 5.50 **3.24**
 1078—Base Mount, 8 Ft. Long..... 5.75 **3.40**

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.

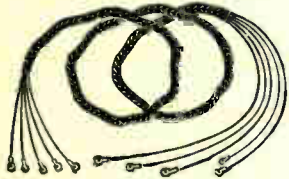
Binding Post Type
 Rubber insulation mercerized cord.
Your Price
 List Price \$3.50
 Stock No. YAX670 **2⁰⁶**

Base Mount
 Rubber insulation, mercerized cord.
Your Price
 List Price \$3.00
 Stock No. YAX660 **1⁷⁷**

Binding post type with Acme Celestite wire that does not corrode.
Your Price
 List Price \$4.50
 Stock No. YAX675 **2⁶⁵**

Base mount type with Acme Celestite wire that does not corrode.
Your Price
 List \$4.00
 Stock No. YAX665 **2³⁶**

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.

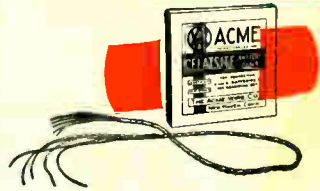
Your Price 27¢ List Price 60c
 Stock No. 476

Acme Celatsite Battery Cable

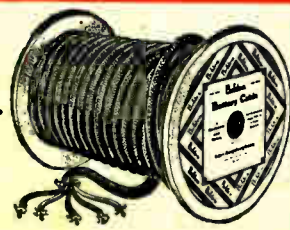
Will Not Corrode

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 **2³⁰**

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. 2½ feet lengths.

Stock No.	Color
811	Black
812	Red
813	Brown
814	Green
809	Yellow

List Price .09 Per Length

Your Price	Your Price
2½ ft. lengths	100 ft.—
6c	2.00
	40 lengths

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. 2½ feet lengths.

Your price per 2½ ft.	Stock No.	Color
7c	493	Yellow
	494	Black
	List price (2½ 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.

Your Price 100 ft. **37c**

ACME 7-Strand Copper Aerial Wire

Makes the best type of aerial. Genuine copper wire. Furnished in 100-ft. coils only.

Your Price 100 ft. **27c**



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, aerial and ground.

Your Price 25 ft. **16c**
List Price 25c No. 526

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	
	¼ lb. Spools	½ lb. Spools	¼ lb. Spools	½ 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**

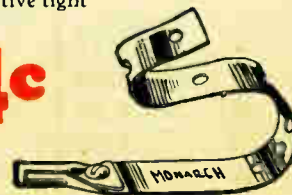
List Price 25c Stock No. 559

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

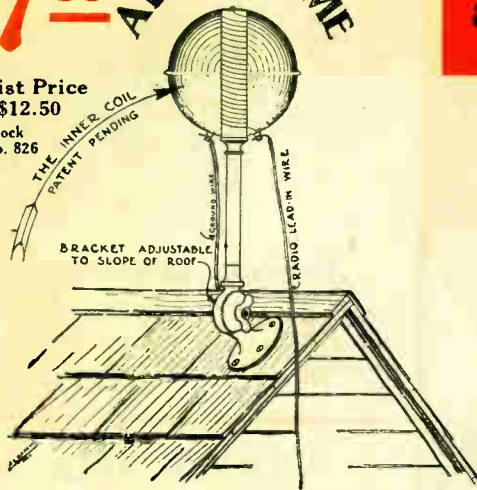
Your Price

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.

AERIALS
and Binding Posts

W. E. B. B.
Aerial Mast

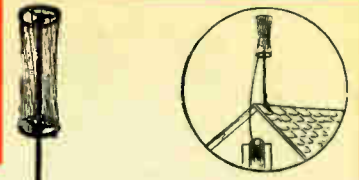
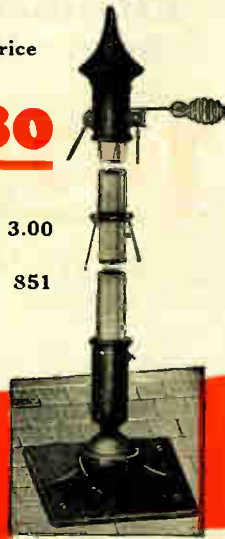
Webb aerial masts present an attractive and decorative appearance, and permanently support an efficient outside aerial. They will adjust to any angle. The ball and socket joint is a feature not found in other masts. Each mast is attractively finished in black enamel. 1-inch pipe size.

Your Price

1⁸⁰

List Price 3.00

Stock No. 851



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.



Your Price

90c

List Price \$1.50
Stock No. 558

Ducon Socket Aerial

Plugs in light socket makes tuning sharper and reduces static.



Complete
Aerial Kit

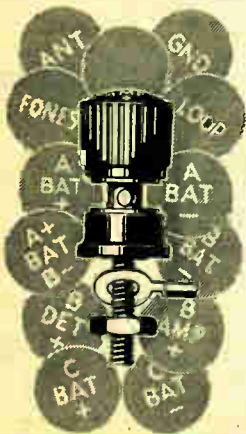
All the equipment for an aerial in one package. Contains 100 ft. 7 stranded copper wire, approved arrester, 2 3-inch aerial insulators, 1 approved ground clamp, 4 Nail-It knobs, 1 lead-in, 2 1/2 in. screw eyes and 50 ft. lead-in wire.

Your Price

1⁰⁵

List Price 2.75

Stock No. 551



Eby Posts
Engraved Heads

Non-removable cap. Rounded heads neatly engraved. Large holes for wires. Comes in following engraving:

Ant.	B Bat	135 Volts	Long Ant.	150 Volts
GND	B Det	C Bat	Short Ant.	A+ Bat
A Bat	B Det	C Bat	Loop	B-
A Bat	B Amp	C Bat	Plain Post	not marked
			Phone	

Be sure to specify type when ordering.

Your Price, Ea.

List Price 15c
Stock No. 480

9^{1/2}

Brass Spring Aerial

A very efficient aerial that gives considerable aerial length in short distance. For indoor and outdoor use.

Your Price 125 ft.

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 Price 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 22 1/2	B Detector	Long Aerial
C Battery -	C Battery +	B Amolifer	A+ B-

List Price 15c

Stock No. 1660

Specify Type
Your Price

9^{1/2}
Each



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	Your Price
Ea.	100
4c	3²⁵



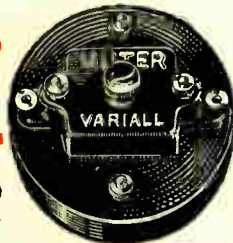
Stock No. 562

Rock Bottom Prices

Muter Interference Eliminator and Static Reducer

Your Price **1.47**

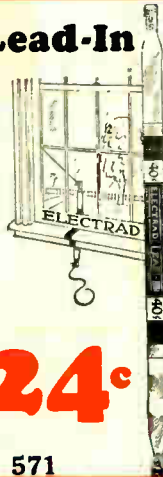
List Price \$2.50
Stock No. 1800



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	Your Price
Lots of 10	Lots of 100
10c	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.



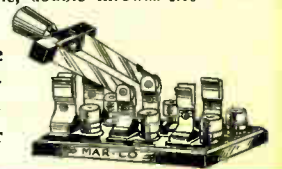
List Price 25c
Stock No. 560

Your Price **17c**

Marco Bakelite Switch

No.	Type	List	Your Price
527	Single pole, single throw	\$.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	\$.25	3c.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.

7-Inch Lineman's Pliers



Forged steel lap joint. Tempered heavy duty jaws. Polished head. Gun metal handles.

List Price \$1.50
Stock No. 546

Your Price **85c**

5-Inch Diagonal Pliers



Strong oval faced cutting jaws. Properly tempered. Nickel finished.

List Price \$1.00
Stock No. 547

Your Price **54c**

Long Nose Pliers



A handy tool for set builders. Reaches difficult places. Well tempered cutting jaws. Nickel finish.

List Price \$1.25
Stock No. 548

Your Price **65c**

Champion Screw Driver



Fluted black rubberoid finish handle. Full nickel ferrule. Tempered steel blade. 8 in. long.

List Price 30c
Stock No. 549

Your Price **15c**

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, and 5/8 inch hexagonal nuts and round knurled nuts up to 3/8 inch. A handy tool for every set builder.

Tinned Solder Lugs



A practical tool for set builders. Tinned for soldering.

Your Price Per 100 **25c**

Your Price 1000 **1⁷⁵**

Stock No. 535



Hand Drill

1/4 in. capacity chuck. Hollow mahogany finished handle to hold extra drills. Black Japanned Malleable frame. Red gear wheel with cut teeth.

Your Price

1⁵⁰

List Price \$3.00
Stock No. 545

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

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

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.



Daven Resistor Manual

A complete handbook upon the use of Resistance Coupled Amplification.

Your Price

17c

List Price 25c
Stock No. 986



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.....		.65

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

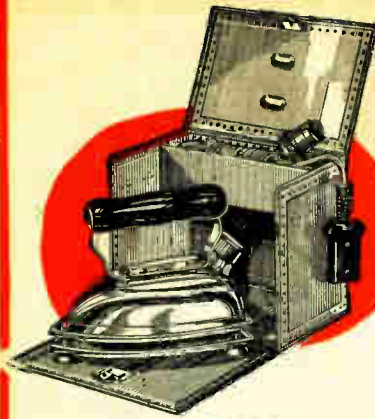
List Price \$2.00
Stock No. 386

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 Your Price

\$8.75

Stock

No.

1059

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 Your Price

\$5.00

Stock

No. 1025

3²⁷

ELEMENTS
Heater elements for all standard heaters. Porcelain core and nichrome wire.

List

60c

No. 1617

Your Price

40^c

Princess Iron

List Price Your Price

\$4.25

Stock

No.

1052

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

66^c

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.
1021
1022
1023

Color
Tan
Blue
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

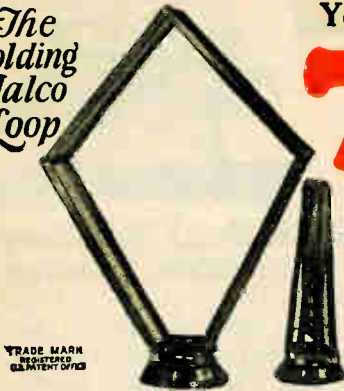
Your Price
4⁵⁸



Always First In Values and Quality

QUALITY LOOP ANTENNAE

The Folding Aalco Loop



TRADE MARK REGISTERED QUALITY OF WORK

Your Price
7³⁵

List Price
12.50

Stock No.
855

This loop is recommended for use with Super Heterodyne Sets and other circuits using .0005 condensers. Gives excellent reception, exceptional range, directional effect and selectivity. Made of non-magnetic materials. *Wires are tight whether loop is open or folded.* Hollow spindle provides space for leads to run directly through the base into the cabinet. Loop is equipped with tip jacks and three quick detachable leads. *Made of genuine Walnut with all metal parts finished in statuary bronze.*

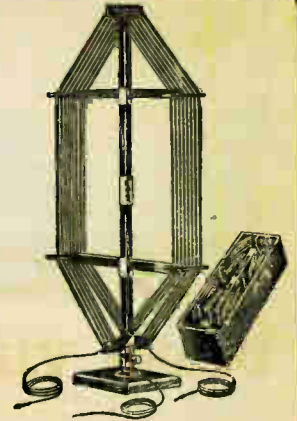
Mathiesen Loop THE COLLAPSIBLE AERIAL

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

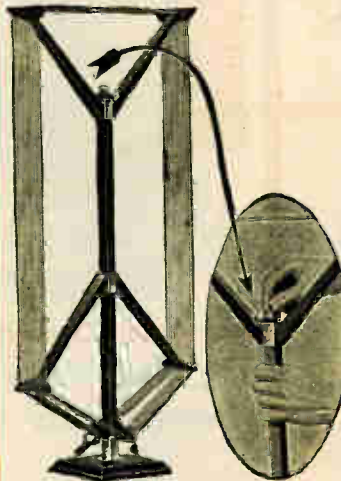


List Price 12.50

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

Three leads are furnished. Dimensions 34 in. high, 16 in. wide and 3 3/4 in. deep.

Qualitone Loop De Luxe Model

A very compact aerial that turns within a radius of 5 1/2 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

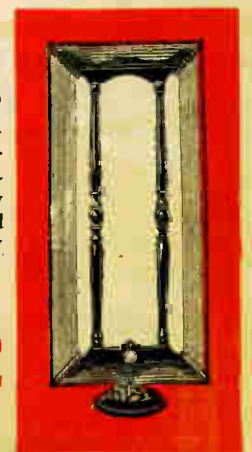
Bodine DeLuxe Loop

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



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. $3\frac{1}{2}'' \times 7\frac{1}{2}'' \times 8\frac{3}{4}''$ high.

Stock No. B. W. 295
List Price \$22.50
Less 40% 9.00
Less 2% cash 27
YOUR PRICE..... \$13²³

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
List Price \$32.50
Less 40% 13.00
Less 2% cash 39
YOUR PRICE..... \$19¹¹

FANSTEEL Balkite Radio Power Units and Chargers

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

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 drawn 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 you the 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. $5\frac{3}{8}'' \times 8\frac{1}{2}'' \times 7\frac{5}{8}''$ high.

Stock No. J 297
List Price \$17.50
Less 40% 7.00
Less 2% 21
YOUR PRICE..... \$10²⁹

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. $6'' \times 10\frac{1}{4}'' \times 8\frac{3}{8}''$ high.

Stock No. B. A. 6
List Price \$32.50
Less 40% 13.00
Less 2% 39
YOUR PRICE..... \$19¹¹

Balkite Trickle Charger Model K

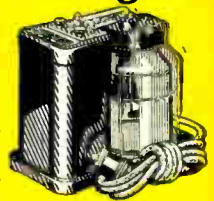


A very popular trickle charger for sets of 6 tubes or less. Charging rate .5 ampere. May be left permanently connected to battery thus keeping it fully charged at all times and serving as a complete "A" power unit. 110-120 AC, 50 or 60 cycle. $2\frac{3}{4}'' \times 5\frac{1}{2}'' \times 5\frac{1}{4}''$ high.

Stock No. K. 294
List Price \$7.50
Less 40% 3.00
Less 2%09
YOUR PRICE..... \$4⁴¹

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. $4\frac{1}{8}'' \times 7\frac{1}{2}'' \times 6\frac{1}{4}''$ high.

Stock No. B. N. 296
List Price \$9.50
Less 40% 3.80
Less 2% 11
YOUR PRICE..... \$5⁵⁹

ALL BALKITE Units are designed for 110-120 AC, 50-60 cycles. Write for prices on special models for 25-40 cycles.

BALKITE "A-B"



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 6-135

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 \$59.50
Less 40% 23.80
Less 2% 71
YOUR PRICE..... \$34⁹⁹

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. $10\frac{1}{4}'' \times 18\frac{1}{2}'' \times 7\frac{3}{4}''$.

Stock No. A.B. 6180
List Price \$67.50
Less 40% 27.00
Less 2% 81
YOUR PRICE..... \$39⁶⁹

The BALKITE Units shown on this page require no extra accessories for operation. There are no adjustments to be made. They operate smoothly and without noise or hum and obtain maximum efficiency from any radio set.

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 rundown power. Proven successful units.

Tyrman 10 Tube

The Tyrman Ten is one of the most popular radio receivers of this year. It was designed for those who demand the utmost in selectivity—stability—and beauty in appearance. The Tyrman Ten possesses a naturalness of tone which sets it apart from other radio receivers.



Laboratory Model shown above equipped in accordance with standard specifications of the Radio Club. Especially designed for the amateur, which includes the use of all standard vacuum tubes and 100% of the value of the receiver.

Stock No. 795
List Price \$142.15

Nationally Advertised

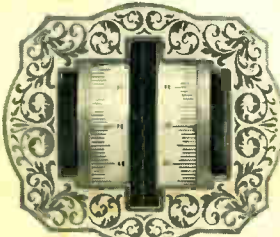
Standard Merchandise

YOUR PRICE
\$84.33

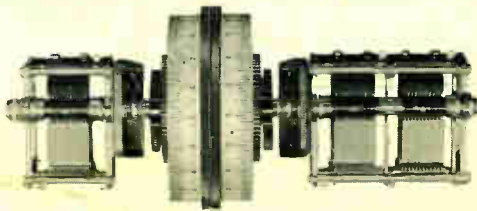
A masterpiece of radio engineering — The Tyrman Ten. Selectivity costs in no way and the set is not critical. Tested under the most severe conditions. The Tyrman Ten has outperformed most other designs, showing a clear 10 dB separation with loading of an ordinary field. The Tyrman Ten is the ultimate in radio receivers. It fulfills the need for those who demand selectivity, stability and beauty.

The true quality is superb in quality what speaker is employed as the interpreter. Two drum dial control units thoroughly shielded including shields for all ten tubes. Range edge selectivity. Constant-tune range. Simple to tune and extremely easy to build. Every part specially matched for highest efficiency.

See pages 30 and 31 for a complete list of parts required to build the duplicate of the remarkable Tyrman 10 Tube Laboratory Model shown above.



Tyrman 2-Dial Control Drum Dial specified for use on Tyrman 10.



Tyrman Drum Dial mounted on condensers. Gives both rapid and hair-line vernier adjustment.

Tyrman Shielded Socket eliminates whistles, howls and microphonic noises.



Tyrman Audio Transformer reproduces all notes with the truthness of the original.



Satisfaction Guaranteed ~ Send No Money