

Harry Alter's RADIO BOOK DECEMBER 1927 Dealers Only

PHILCO

AB-356



The latest type PHILCO with dry "A" rectifier. 0-150 volt. A wonderfully efficient model.

LIST—
\$69.50
Each—
\$41.70
Less 2% of.....

**40⁸⁷
NET**

Majestic Dry "A" and "B"



**Majestic
Dry "A"**

with an output of 2 1/2 amperes, is a proven DRY "A" Unit. Immediate shipment.

No. 94998
List: \$39.50
Each: \$23.70
Less 2% of.....

**\$23⁴³
NET**

Majestic Super "B" is undoubtedly the fastest selling "B" eliminator on the market.

No. 94979
List — \$29.50. Each
\$17.70. Less 2% or.....

**\$17³⁵
NET**

Complete Listing on Page 16



TEMPLE

The Finest Speaker, with 13 in. drum. Beautiful appearance. See Page 6 for description.

No. 94830
List: \$29.00

Each: \$17.40
Less 2% of.....

**\$17⁰⁵
NET**

Our Guarantee

We positively guarantee all Radio apparatus—sets and parts—against defective materials and defective workmanship. We will make good on anything that proves defective. In no case, however, can we take back radio apparatus of any kind for credit or exchange.

It is equally impossible for us to guarantee specific results—such as definite functioning of any radio part, or definite cause what one fan might think poor, and what another fan might think excellent results. We advise that dealers impress these facts on their customers also.

The Harry Alter Co.

THIS ENTIRE BUILDING, with 100,000 square feet of floor space, is occupied exclusively by Harry Alter Co. Everything in Tires, Tubes, Accessories, Radio and Electrical Supplies.



Things to remember when ordering

PRICES: All prices in this book are net subject to regular discount of 2% for either cash with order or C. O. D.

TERMS: Our terms are cash. Many of our customers are highly rated, but are willing to buy for cash because of the big saving when buying from us. Because of our low prices it is impossible for us to sell on open account. If you have never tried buying for cash, you will be agreeably surprised with the saving that you can make by sending your orders to us.

Send No Money: We will gladly ship you our goods C. O. D. if you wish, so you can examine the goods before you pay for them. We don't ask you to finance us. Keep your money working for you at home. C. O. D. collection charges are very small.

Safe Delivery Guaranteed: We positively guarantee safe delivery of all

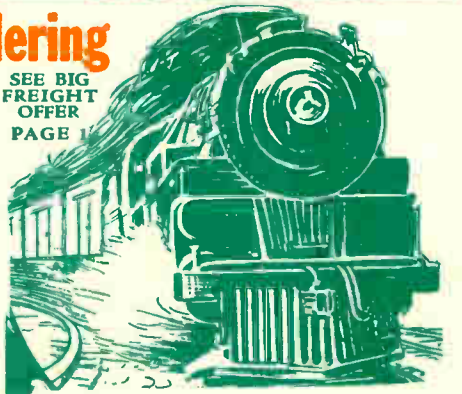
shipments and make good any damage or loss. If the shipment shows damage, have a notation of it made on the freight or express bill, for our mutual protection.

Stock Numbers: Always use our stock numbers when ordering to avoid possibility of error. Also be sure you use current edition of our catalog when pricing your order. We protect you against price increases for the life of each catalog, and give you any reduction at once.

ABOUT RETURNING GOODS

Before returning any piece of radio apparatus or receiving set, write explaining your difficulties. Our experts may be able to help you. If something is unquestionably defective, we will give you shipping directions. Send no goods back without first writing us for instructions.

SEE BIG
FREIGHT
OFFER
PAGE 1



Remember 2% Discount on all Orders

We allow a regular dealer discount of 2% from all prices in this book, whether you send cash with order or have your goods shipped C. O. D.



A Rousing "Merry Christmas to You"

from All of Us

The Harry Alter Co. Michigan and 18th CHICAGO.

Copyrighted 1927, By the Harry Alter Co.

HARRY ALTER'S RADIO BOOK is a Dependable Buying Guide for You



MINUTE MAN

SHIPPING SERVICE

Our fast, accurate shipping service is the best in the business. No other radio wholesale house is so prompt and speedy.

American Express Co.
Station Right in Our Building

The American Express Co. maintains an office right in our building. We make it a point to catch the early trains for all classes, Express, Parcel Post or Freight, which means often a saving of 24 hours in the delivery to you.

Order From the Harry Alter Co.

Laboratory-Tested Merchandise

When we do our buying, we take nothing for granted. We maintain a testing laboratory of our own where every radio article goes under the closest scrutiny. Only when it passes the most rigid tests are we content to list it in The Harry Alter Radio Book. We want to know that the quality is there and that the workmanship is mechanically O. K. before offering it to our dealers. We back our goods with a broad guarantee; and we insure the guarantee by actual test before we list a single item.

We Protect Our Dealers—We Do Not Sell to Private Individuals

We sell to dealers only—never to private individuals. Only those who are in business, buying goods for resale purposes, can get our catalogues or our goods. We check up every order and every request for a catalog before filling it, to make sure it comes from a legitimate dealer. You can help us maintain this dealer protection policy 100 percent by letting us know promptly of any cases where one of our wholesale catalogs gets into the hands of a non-dealer. It helps us; and it protects you.

Remember—

2% Discount On All Orders

We allow a regular dealer discount of 2% from all prices in this book, whether you send cash with order, or have your goods shipped C. O. D.

WE PAY THE FREIGHT

On All Your Orders for \$50.00
or Over

WITH few exceptions, we pay all the freight on RADIO orders for \$50 or over—a new, big saving that practically makes our catalog prices F. O. B. your station. This is a tremendous advantage to you. It lowers your cost of goods; it increases your profits, and it helps you meet any and all competition.

If You Want Your Orders Shipped by Express or Parcel Post, We Allow You What the Freight Would Be

It is easy to make up a \$50.00 radio order. Just a few extra items will bring your order up to the required amount and get you this big extra saving. Everything in this catalog is included in this offer with the exception of the few extra heavy items listed below:

We Pay All the Freight

in all states except the few distant ones listed below.

We Pay Half Freight

in the following states, on order for \$50 or over. After your shipment is delivered to you, return your freight bill to us and we will refund you half the amount of the bill. This applies to: New Mexico, Colorado, Wyoming, Montana, Arizona, Utah, Idaho, Oregon, California, Florida, Washington, Maryland and all New England States.

Exceptions to This Big Offer:—

Our freight offer does not cover orders made up entirely of A and B batteries, aerial wire or insulators.

*Send No Money
We Ship C. O. D.
Subject to Examination*

NEW LOW PRICES ON
RELY-O-DYNE AND BRUNELLI-JONES
Radio Sets and Chassis (Pages 29-31)

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Farrand

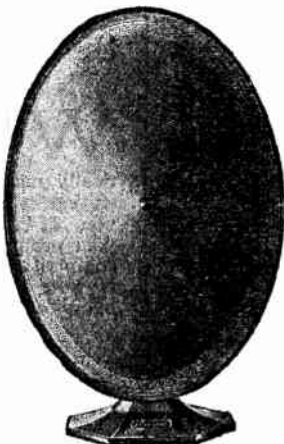
SPEAKERS

FARRAND was unquestionably the leading Cone Speaker during the 1926-27 season and the new improved OVAL models are the fastest selling cone speakers this season. Combined with the nation-wide acceptance of FARRAND products, and their known quality, these startling innovations assure an even greater demand than in the past—an unprecedented profit—making opportunity for FARRAND dealers.

FARRAND Oval WALL MODEL 30

Designed for hanging on wall. Mounted in handsome walnut frame and furnished with heavy, silk hanging cord and tassel. Size 23½" x 32".

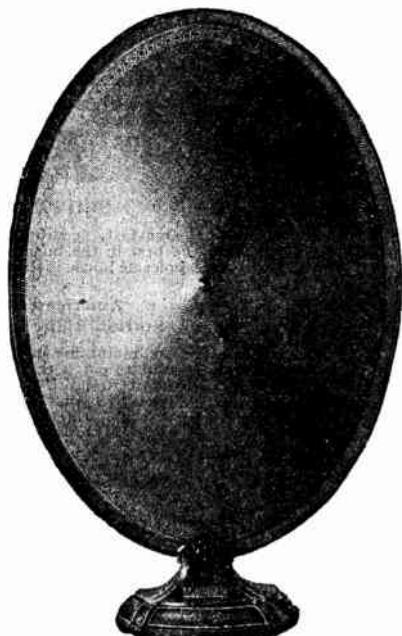
No. 96036.....List \$45.00
Each \$27.00



FARRAND Oval JUNIOR

Always the surprise value of the radio world, the FARRAND Junior, in its new Oval model, becomes a more startling value than ever. A smaller edition of the Farrand Senior and its only rival. Embodies all new Farrand improvements. Elegantly proportioned, bronzed base. 13½" x 13½".

No. 96034.....List \$16.50 **\$9.90**
Each..... Less 2%



Farrand OVAL Senior

Embodies remarkable advance in design and construction. The famous unlimited tone radius is still further accentuated through employment of NEW laminated driving unit. Mounted on handsome bronze base. Beautifully proportioned, leather motif, oval shaped cone. 16½" x 23½".

No. 96035.....List \$32.50 **\$19.50**
Each..... Less 2%

FARRAND Oval PEDESTAL MODEL 30-P

A striking example of FARRAND artistry and craftsmanship. Tip-Table setting effect and frame of richly finished walnut. Cone 23½" x 32", total height 45½".

No. 96037.....List \$60.00
Each \$36.00

Peerless

REPRODUCER



The PEERLESS Reproducer is one of the outstanding successes in the speaker field. The Peerless gets those low notes. Enclosed in beautiful mahogany cabinet of classic gothic design. Adds eye value to any installation. Has remarkable range of tone and reproduces with amazing fidelity.

No. 96886...List \$35.00 **\$20.51**
Each \$21.00 Less 2% or Net

PACENT CONES



The new Pacent in the artistic Moorish design cabinet is of stunning proportions. The new type unit and carefully designed engineering features establish a new standard on cone speaker performance. Flawless reproduction and realistic tone quality have made this Pacent Cabinet Speaker a ready seller for the dealer. Sells on demonstration. Two-tone antique mahogany finish.

No. 96887.....List \$35.00 **\$20.58**
Each \$21.00 Less 2% or Net

Regular Pacent Cone

17 in. Diameter

With handsome, bronze base, detachable for converting into wall type model. A wonderful Cone Speaker with real quality reproduction.

No. 96888.....List \$22.50 **\$13.23**
Each \$13.50 Less 2% or Net

Wirt



Wirt Cone Speakers have won distinct and widespread approval. The quiet simplicity and dignity, the soft neutral bronze finish and silk-backed grille harmonize nicely. Adjustment knob in the back. The highly sensitive reproducing element responds to every radio impulse. Free-edge. Artistic in every respect.

No. 94679
List.....\$20.00 **\$11.76**
Less 40%
\$12.00 Less 2% or Net

Tower

SPEAKERS

A complete line of greatly improved Cone Speakers with marvelously efficient units. Attractive in appearance—a wonderful line for you to feature.



CASTLE CONE

Departing from usual cone speaker design, the CASTLE CONE embodies real work of art. Picturesque medieval castle cast in relief and finished in two-tone bronze. Adapted to power tubes. 17" diameter.

No. 96071—List, \$11.95. Each, \$7.17. Less 2% or..... **\$7.03**
Net



ADVENTURER AND PIRATE SHIP

Both models are designed to appeal to lovers of ship models. Ship is cast metal with protecting rim. Natural coloring. Beautiful appearance.

ADVENTURER Model 17" Diameter	PIRATE SHIP Model 14" Diameter
No. 96072 List, \$11.95 Each, \$7.17 Less 2% or...	No. 96073 List, \$8.95 Each, \$5.37 Less 2% or...
\$7.03 Net	\$5.26 Net

CONSOLE-UNITS

TOWER



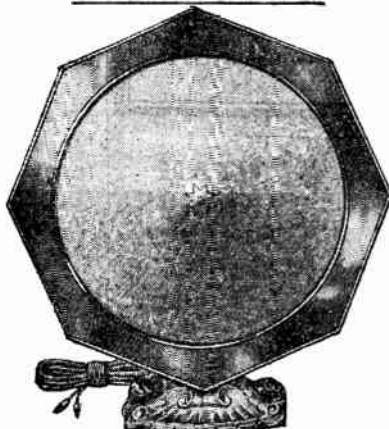
Has scientific micrometer adjustment. Has threaded end to fit standard console speakers. Polished aluminum case and 5 ft. cord.
No. 93263—List, \$3.95..... Each, \$2.37



MODEL "28" DRUM

The popular Drum Cone Type with an elaborate heraldic design grille on front and back. Has the finest armature unit made. Richness of tone and faithfulness of reproduction makes this model a leader in the speaker field. Diameter, 13 1/2". Height, 18".

No. 96070—List, \$17.50. Less 40%, Each \$10.50. Less 2% or... **\$10.29**
Net



New Improved MEISTER SINGER CONE

A most beautiful Speaker delivering a quality of reproduction second to none. Powerful armature unit specially designed for use with power tubes. Mahogany finish wooden frame. 15 ft. of cord and eyelet for hanging speaker on wall. Diameter, 20 inches
No. 96074—List, \$15.00. Each, \$9.00 Less 2% or..... **\$8.82**
Net



Meister Singer Horn

Gives maximum volume with rare tone quality. Special duralumin horn of swan-like proportion brings out to best advantage the full depth of tone. Height, 20 1/2 in., Bell, 14 in. Mahogany finish bell.

No. 96075—List, \$15.00. Each, \$9.00. Less 2% or... **\$8.82**
Net



Little Spitfire Horn

Priced lower than many headsets, this speaker possesses the distinguishing features of more expensive types. Attractive fiber horn. Nickel-plated ferule.

No. 96076—List, \$4.95. Each, \$3.22. Less 2% or... **\$3.16**
Net

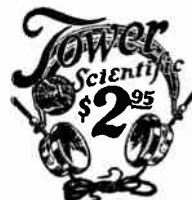


No. 93261
List, \$1.95

\$1.27

Tower Phones

More than a million Tower Phones are in use all over the world. Two types, the Little Spitfire, and the Scientific. Extremely sensitive but of rugged construction. They are light and have a comfortable head band. None better regardless of price.



No. 93262
List, \$2.95

\$1.77

UTAH

Made in Salt Lake City

Trade Mark Registered

"No. 16" DRUM SPEAKER



A real Drum Cone Speaker with the usual UTAH Tone Quality. Attractive design with decorative grill. An unusually well made speaker of latest design at a remarkably low price. Dimensions: 16½ in. high, 14 in. wide, 4½ in. deep.

No. 96064—
List \$16.00 Less 40%
Each \$9.60 Less 2%
or

\$9.41
Net

THE BIGGEST VALUE IN A FINE TONE QUALITY SPEAKER TO-DAY

UTAH "No. 30" Speaker

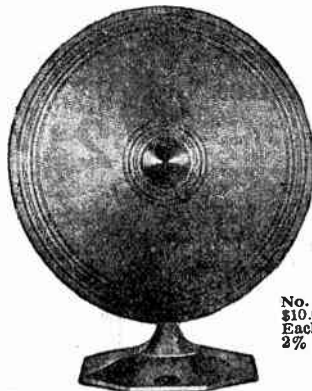


A tremendous success in the line of distinct and artistic Speakers. Cone surrounded by baffle boards, using the same idea as the Piano Unit. An entirely new principle that has astounded musical critics. Antique Brown Finish. Height, 18 inches.

No. 96065—List, \$30.00
Less 40% Each, \$18
Less 2% or.....

17.64
Net

UTAH "Junior" SPEAKER



A UTAH Cone with a diameter of 15½ inches is an outstanding value. Particularly well constructed with a heavy dark brown base. Just the right size to fit any surroundings. Diaphragm permits perfect adjustment. Packed in a special carton to reach you in excellent condition. An outstanding seller.

No. 96066—List, \$10.00. Less 40%
Each, \$6.00. Less 2% or.....

\$5.88
Net



UTAH "No. 100" Cabinet Speaker

This is a fine Cabinet Speaker with a full 96" air column and Utah De Luxe Unit. Finished in walnut. Ample room for all batteries and charger. Grill opens in front for easy access. Will lend itself to any cabinet-model radio. Two models.

No. 96067—Model 100, 36" high, 27½" wide, 17" deep. List, \$70.00. Each, \$42.00. Less 2% or.....

\$41.16
Net

No. 96068—Model 101, Philco Special-takes standard Philco Power Unit. 35" high, 27½" wide, 19½" deep. List, \$75.00.

Each, \$45.00 Less 2% or **\$44.10**
Net

UTAH "SCREEN" SPEAKER

The most novel and at the same time extremely attractive French "Screen" Speaker. Beautiful antique Brown finish. The "Screen" is 40" high, 28" wide and 12" deep. Equipped with 10-ft. air column and Utah Unit. The French "Screen" Speaker is already a decided success.

\$58.80
Net

No. 96069—List, \$100.00.
Each, \$60.00. Less 2% or

NEW 1927-28 LINES UTAH SUPER-FLEX SPEAKER



Amazing tonal qualities, volume and accuracy of reproduction are the result of this UTAH SUPER-FLEX. Based on proved principles of deflection. A most popular speaker that measures 8½ in. high by 6 in. wide. Tonal perfection and economy of space required two important features of this well-liked speaker. New Walnut Finish. No. 92738—List \$10.00.
Each \$6.00 Less 2% Dis-count or.....

\$5.78
Net

UTAH "PIANO" SPEAKER



This unit is attached to the sounding board of the upright or grand piano. Easily installed. Has superb tone quality. Nickel finish. Equipped with 25 feet of cord. A sensational new departure. Delivery now. No. 94993 List, \$10.00 Each, \$6.00 less 2%

UTAH

STANDARD SPEAKER

The Utah unit is a marvel of simplicity. The magnets are matched by a new, ingenious method. Made of semi-hard rubber, the horn has a rich semi-dull Morocco leather finish. UTAH is unquestionably one of the finest speakers. Two types.

No.	Bell	List	Each
92737	Standard 14	\$22.50	\$13.50
92527	"Junior" 11	12.50	7.50

Less 2%

UTAH PHONO SPEAKER

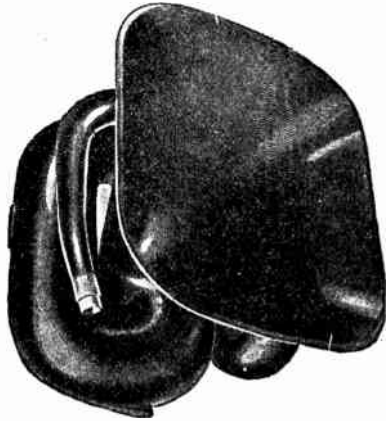
Finished in black rubber, furnished with or without stand to fit consoles. Beautiful, undistorted, musical qualities.

No.	With Stand...	List	Each
No. 92736		\$10.00	\$6.00
No. 92732	Threaded Unit	List 6.50	3.90
No. 96077	De Luxe Unit	8.50	5.10



FAIRFAX TONE CHAMBERS

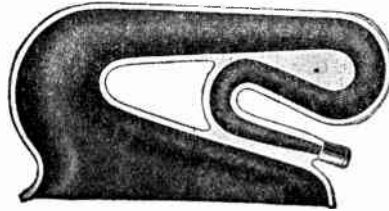
These Fairfax Tone Chambers give most faithful reproduction and are so shaped as to fit the majority of consoles. Specially processed all wood, carefully molded. Standard threaded units will fit these horns.



FAIRFAX MASTER

Comes to you mounted in a light weight wood box, which you can slide into console. Scientifically constructed to reproduce all notes without distortion. Model No. 595 has full 8 Foot tone travel.

	Model	Front	Depth	List	Each
No. 96083	595	21 1/4" x 18"	15"	\$18.00	\$10.80
No. 96084	570	12" x 12"	15"	13.00	7.80



MODEL No. 540

This type is ideal for Highboys, Consoles or any type furniture accommodating long horn. Tone travel fully 40 inches. Has excellent tone quality.

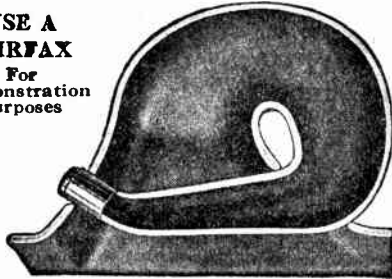
Adaptable to a great variety of purposes. Front area, 6 1/2" x 16", Depth 10 1/2".

No. 96085—Model 540. List, \$6.75.

\$4.05

Less 2%

USE A FAIRFAX For Demonstration Purposes



SMALL SIZE CHAMBERS

These two models, 548 and 549, will enable you to fit speakers into practically all consoles. Though small in size, they deliver exceptional tone volume and quality. Scientifically shaped and well built.

	No.	Model	Face	Depth	Tone Travel	List	Each
	96086	549	7" x 7"	7"	20"	\$3.80	\$2.28
	96087	584	12" x 6 1/4"	8"	26"	4.50	2.70

ALL STANDARD THREADED UNITS WILL FIT — SEE PAGE 7 FOR LISTING

AMPLION

THE SPEAKER

Amplion quality is an accepted standard throughout the world wherever radio is used. Every AMPLION model is designed by a recognized artist and built with an eye to beauty.

THE LION Model A-C 21

A beautifully blended, bronze finish cone, 14 in. in diameter, mounted on an 18 in. walnut sound board. Height 20 1/4 in., including bronze moire base. New balanced armature unit with straight bar magnets of the finest Tungsten steel. Includes features which are recognized by radio engineers to be the most efficient for quality reproduction.

No. 96877 List \$25.00 Each \$15.00 Less 2% or **\$14.70 NET**

WALL TYPE Mural Model AC-24

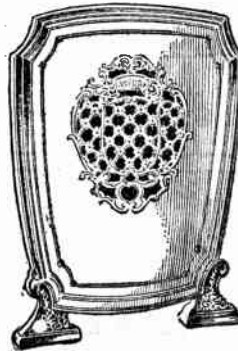
Instead of base it is equipped with brown silk cord for hanging on picture molding.

No. 96878 List \$25.00 Each \$15.00 Less 2%

COLONIAL CONE Model AC-12

Handsome two-tone mahogany cabinet, 14 x 14 x 9 in., with fine piano finish. Equipped with the fine straight bar magnets of Tungsten steel. Produces natural tone of singular sweetness.

No. 96879 List \$35.00 Each \$21.00 Less 2% or **\$20.58 NET**



AMPLION SHIELD

Model AC-27

New process embossed walnut paneling, attractively curved, combining grille—front and back. 16 1/4 in. cone. Height 22 in. New balanced armature unit. Very artistic design. Large cone and soundboard produces remarkable results in both volume and purity of tone.

No. 96880 List \$67.50 Each \$40.50 Less 2%

AMPLION FIRESIDE

Model AC-30

Height 30 1/4 in. Has 16 1/4 in. cone, mounted on this large sounding board. Unusual combination of beauty.

No. 96881 List \$97.50 Each \$58.50 Less 2%

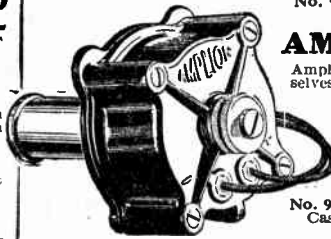
AMPLION UNITS

Amplion Units are in a class by themselves. Unequaled for tone quality.

No. 96882 Model AR35 Phonograph Unit. List \$12.00 Each \$7.20

No. 97107 Model MUG7 Metal Case. Threaded Nozzle. List \$7.50 Each \$4.50

No. 97108 Model AR7. Bakelite Case. Threaded Nozzle. List \$12.00 Each \$6.00



AMPLION PATRICIAN

The Model AA-18 in the graceful cabinet, has long air column and comes equipped with the remarkable Amplion unit. Richly hand-carved cabinet.

No. 96883..... List \$50.00 Each \$30.00 Less 2%

AMPLION GRAND

Model AC-15 is a Walnut cabinet, 34 x 33 x 18 in. and comes equipped with COBALT steel magnet unit. A most magnificent instrument.

No. 96884..... List \$145.00 Each \$87.00 Less 2%

SEND FOR DESCRIPTIVE CIRCULAR

TEMPLE Speakers

THE TEMPLE Speaker has given the world a new appreciation of radio. After nine years' research, Prof. P. G. Andres produced this long, compensated air column, which reproduces music and voice with unequalled tone quality.



TEMPLE DRUM SPEAKERS

The Temple Drum is scientifically and acoustically correct and reproduces faithfully every tone. The TEMPLE Drum is a unique instrument that will enhance the tone quality of any radio set. The long exponential air column, 54" long, is co-ordinated and matched with a most efficient unit. This beautiful Drum is finished in Brown Crackle and has a very well-designed base. All in all, a speaker that sells by demonstration and stays sold. Furnished in two sizes.

No. 94830—Diameter, 13", Air Column 54".
List, \$29.00. Each,
\$17.40 Less 2% or..... **\$17⁰⁵**
Net

TEMPLE PEDESTAL

13 inch Drum on beautiful pedestal 41 inches high. No. 97074—Complete. **\$22⁵⁰**
List \$37.50. Each.....
No. 96056—Diameter 18", Air Column 75".
List \$48.50. **\$28⁵²**
Each \$29.10 Less 2% or.....

TEMPLE DEALEROLA

18 inch Drum for demonstration purposes, with pipe. No. 97075—Complete. **\$24⁰⁰**
List \$40.00 Each.....



CONSOLE Model 65

The TEMPLE Console Speaker model has many distinctive features that will make it a decided favorite. It is well proportioned, has lower shelf for magazines and books and is beautifully finished in Walnut—Spanish design. Doors are equipped with "full-swing" hinges. Contains the large 18" Tone Chamber with 75" of air column. Size of cabinet top 14½"x24", height from floor 32 inches.

No. 96057—Model 65 Console
List, \$65.00 **\$38²²**
Each, \$39.00
Less 2% or..... Net

Make money with Temple Speakers

TEMPLE DRUMS



EQUIP CONSOLES WITH THESE DRUM SPEAKERS

Ready To Install

You can obtain the special Drum Chamber separately for replacement in your present Console or Cabinet. Dealers also will find the large size desirable for demonstration purposes. The four sizes will easily enable you to fit TEMPLE Drum Speakers into Consoles.

Model	No.	Air Column	Diameter	Depth	List	Each
96058	70	30"	7"	7"	\$9.00	\$5.40
96059	115	54"	11½"	7½"	14.00	8.40
96060	130	54"	13"	6½"	14.00	8.40
96061	180	75"	18"	11½"	24.00	14.40

Matched Units for above Tone Chambers are furnished separate.

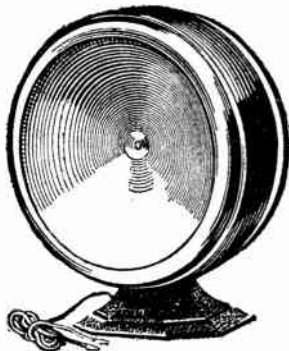
List Each
No. 96062—Matched Unit..... **\$8.00 \$4.80**



TEMPLE COMPARATOR

This instrument is indispensable to any radio dealer for proper demonstration and comparison of loud speakers.

No. 96063.....List, \$3.50 Each, \$2.10



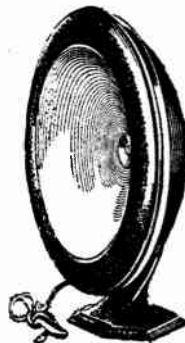
ACME K-1 SPEAKER

So well constructed is this speaker that it will take safely the full output of the 310 tube without blasting. A single adjustment is provided for taking care of increased plate current when used. The metal case is finished in tan and easily harmonizes with all kinds of living-room furniture. Diameter of cone, 13 inches.

No. 96078—List, \$25.00 **\$14⁷⁰**
Each, \$15.00 Less 2% or..... Net

ACME (of Cambridge) SPEAKERS

The ACME was the first free-edge Cone Speaker to appear on the market and met with instantaneous success.



ACME K-3 SPEAKER

This is a very popular SINGLE Free-Edge Cone with a diameter of 11 inches. Metal case and base are finished in green bronze of beautiful color.

No. 96079—List, \$14.50. Each, **\$8⁵³**
\$8.70 Less 2% or..... Net

SYMPHONIC GLOBE SPEAKER



The most unusual and attractive piece of radio merchandise ever offered. An excellent cone speaker built into a genuine, full-sized library Globe mounted on a bronze finished pedestal. This represents something really new in radio. Not a makeshift but a real up-to-date map of the world. Furnished with 20 feet of cord. Globe permits full range of reproduction; loud speaker withstands comparison with

any speaker in its price class. A big sales opportunity for you. **\$20⁵⁸**
No. 93492 List, \$35.00 Less 40%.
\$21.00 less 2% or..... NET

NATHANIEL BALDWIN PRODUCTS



Baldwin Units have acquired a reputation that has given them a commanding position in the eyes of the radio dealer as well as the public. Baldwin Units are recommended especially for the new orthophonic type speakers so much in vogue now. A Baldwin Unit will improve the tone quality. Are threaded and fit any standard console speaker.

No.	List	Each
94932 Baldwin Rival Unit.....	\$ 7.00	\$4.20
94933 Baldwin Concert Unit.....	10.00	6.00
		Less 2%



Phono-Units and Headsets

Baldwin Headsets and Phono Units have set a high standard and are in demand. Arms for attaching Phono-Units to orthophonic Victrolas or special phonographs can be supplied at nominal charge.

No.	List	Each
94934 Baldwin Headset C.....	\$ 9.00	\$5.40
94935 Concert Phono Speaker.....	12.00	7.20
94936 Concert Grand Phono Speaker.....	15.00	9.00
94937 Standard Phono Speaker, with Pedestal.....	8.00	4.80
94938 Standard Phono Speaker, without Pedestal.....	7.00	4.20
		Less 2%



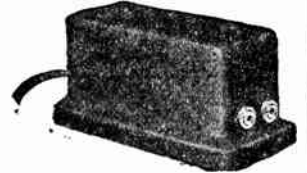
SALT LAKE CONSOLE UNITS

High grade replacement units with threaded end that fits all standard horn and console speakers. Every one is tested and will carry large output load.

No.	Type	Each
96118	With Nickel Case.....	\$2.65
	High grade dependable unit that fits all standard horns	Less 2%

THE AMSCO ORTHOPHONE

The newest device to protect the speaker, where power tubes are used. It is placed between speaker and set by external connections. Increases volume, improves quality and protects the speaker from the intense direct plate current. 4 3/4" x 2 1/2" x 2 3/8". Essential for power tube.



No. 94759	List, \$6.00	Less 2% or	3.53 NET
	Each, \$3.60		

Sprague Tone Control



The Sprague Tone Control is the only variable high capacity condenser (capacity range from 0 to .032 Mfd.). Installed between set and speaker, it allows for accurate "impedance matching" and assures better reception and clearer tone quality. Instant connection with cord tips.

No. 94986	List, \$3.50	Each, \$2.10
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EKKO CONNECTORS

No.	Photograph	List	Each
97122	Edison.....	.25c	15c
97123	Columbia, Pathe and Jewell Tone Arms.....	20c	12c
97124	Brunswick.....	30c	18c
97125	Orthophonic Victrolas, Biaudin, Cecilian and Kimball.....	25c	15c

FROST PHONES

The popular Frost Headphone is supplied in three types. No. 2992 is an especially fine model, with polished maroon molded shell and caps. Nos. 2990 and 2991 have aluminum shells.

No. 92990	2,000 Ohms.	List, \$3.00	Each.....	\$1.80
No. 92991	3,000 Ohms.	List, 3.50	Each.....	2.10
No. 92992	3,200 Ohms.	List, 6.00	Each.....	3.60



GENERAL RADIO SPEAKER FILTER

Type 387-A covers a very wide frequency range. No distortion. 4" x 3 1/2" x 3". Protects speaker windings from direct current.

No. 97150	Type 387A.	List \$6.00.
Each.....		\$3.90

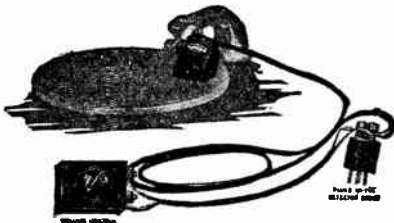
GENERAL RADIO Output Transformer

Similar in appearance to type 285 Amplifying Transformer especially adapted to CX-112 and 220 tubes. Adapts the output impedance of amplifier tube to input of speaker.

No. 97151	Type 367.	List, \$5.00.
Each.....		\$3.25

PHONOVOX

Electric Phonograph Reproducer



This device enables anyone having a phonograph and a radio set to modernize their phonograph and reproduce records with wonderful tone quality. This magnetic pick-up or electrical phonograph reproducer is a big seller and offers excellent sales possibilities to the dealer. A PACENT product that is built right. Easy to install. Sold complete with adapter and volume control.

No. 94996	List, \$12.50
Each, \$7.50	Less 2% or.....

\$7.35
Net

MUTER TONE FILTER AND CLARIFIER



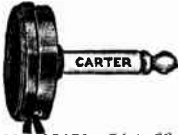
The Muter Clarifier will improve the tone quality of your speaker. Constructed with a special dual choke coil and large capacity filter condenser. Easily attached without disturbing set. Also protects speaker from high "B" voltage.

No. 96098	List, \$5.00
Each.....	\$3.00

PLUGS AND EXTENSION CORDS

CARTER PLUGS

FLAT PLUG



Cords hang from bottom of handle instead of projecting. Uses no triggers, push buttons; cord tips completely concealed.

No. 92470—List, \$0.75. Each.....\$0.45

CARTER "ONE-WAY" PLUG



One pair of cord tips is held by heavy phosphor-bronze spring making contact full length of the tip. Has no small screws or trick-triggers.

No. 92459—List Price 50c. Each...30c

CARTER "TU-WAY" PLUG



Takes two phone sets at one time. Fits all jacks. Well made.

No. 92457—List 60c. Each.....36c



CARTER No. 2 FLAT PLUG

Smallest and neatest plug made. Cord tips held by screws. Molded Bakelite.

No. 96114
List 50c Each 30c



SIGNAL Comparator

A simple device to test 5 speakers at one time. Very handy in demonstrating various speakers. Sturdily built. Takes up little space. Well finished.

No. 97127 List, \$3.00. Each, \$1.80 Less 2% or.....\$1.78 Net

HACO PLUG



An exceedingly well built automatic plug that holds tips firmly.

No. 93099 Each.....13c
10 Lots...12c

MARCO PLUGS



The very latest in plug design. Can furnish both types, either round or flat type. Easy to connect and strongly built.

No.	List	Each	10 Lots
93485 Round type	\$0.30	19c	18c
93486 Flat Type	.50	32c	30c

WESTON PLUG



One of the smallest and most compact of automatic plugs. Contacts held firmly until released by a slight pressure on the prongs. Bakelite.

List 60c
No. 92707—Each.....40c
10 Lots.....39c

MUTER PLUG (Shock Proof)



A black moulded plug, 2 3/4 inches long, with highly nickeled brass parts.

List, 40c
No. 93440—Each.....24c

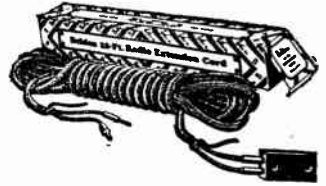


EXTRA HEADSET CORDS

High grade black mercerized cotton tinsel cord with soldered terminals and tips.

No.	Type	Length	Each	10 Lots
92536	"Y" 3-wy for Headsets...	5 ft.	\$0.14	\$0.12
92537	2 Conductor for Loud-speakers.....	5 ft.	.17	.15
92538	2 Conductor Ext. Cord.....	20 ft.	.23	.21
92543	2 Conductor Ext. Cord.....	50 ft.	.64	.59

BELDEN LOUD SPEAKER Extension Cord



25 Ft. Extension Cord with handy bakelite connector. Colorubber insulation prevents leakage.

No. 96108 With Connector List \$1.20 Each 72c
No. 96109 5 Ft. Long without Connector. List 30c Each 18c

FROST RADIO EXTENSION CORD



Enables the radio set owner to place his loud speaker in a room at a distance from his receiver.

No.	Length	Each
No. 93096	10 ft.	\$1.20
No. 93097	20 ft.	1.35
No. 93098	30 ft.	1.50
No. 93095—Jack only		.45

FROST PLUGS



Two automatic molded bakelite plugs. Beautifully finished and priced right.

No.	List	Each
96115 Single.....	.50c	30c
96116 Double.....	.75c	45c

SEE Listing of BIRNBACH Extension Cords and Cables on Page 27



Extension Cord

A 20 Ft. extension cord of good quality.
No. 96950 Cord and Connector... 33c Each 10 Lots 31c
96951 Connector only..... 10c 9c



G·R·P 3 FOOT CONE SPEAKER Build It Yourself

DOUBLE 3 FT. CONE

The very latest "build your own" 3 Ft. Cone. This year's G. R. Penn's DOUBLE 3 Ft. is built flat on the floor. Excellent tone quality. Comes complete with new 4-pole unit of the most sensitive construction. Takes all voltages up to 550 volts. Kit contains decorated Fonotex paper for front and back, back rings, clasp, braid, ambroid cement and all hardware.

No. 96946
List \$13.50
Each \$8.10
Less 2% or

\$7.94
Net

SINGLE 3 FT. CONE

Complete in every detail and contains the same high grade 4-pole unit. Everything in this kit to complete the 3 Ft. Cone.

No. 96947 List \$10.50. Each...\$6.30 Less 2%

G. R. P. CONE SPEAKER UNIT

The highest type 4-pole unit with adjustable armature. Extreme sensitivity. Will not blast at any volume. Operates any size cone successfully.

No. 96948 List \$8.50. Each \$5.10 Less 2%

G. R. P. "IMPERIAL" CONE

A leader in the field of 3 Ft. Cones. Completely assembled. Wonderful tone quality.

No. 96949 List \$24.50. Each \$14.70 Less 2%

Windsor 22 Inch Cone

This is a 22" decorated cone speaker mounted on a sounding board of wood the same as the type described above. It can either be placed on table as easel or hung on wall. An amazing cone speaker at a cost that makes it a fast seller.

No. 94756
List \$15.00
Each \$9.00
Less 2% or

\$8.82
Net



**Build
A 3 ft.
Cone**



ENSCO

3 FT. CONE KIT
The ENSCO 3 Ft. Cone is endorsed by all leading radio and technical magazines and engineers. A complete home assembly that requires but a half hour to put together. The ENSCO unit with Tungsten magnet has demonstrated its high quality. A single cone speaker that gives real reproduction. Full instructions with each kit. There is a big demand for 3 Ft. Cones. A very profitable item for the dealer.

No. 97036
Wall Kit
List \$11.00
Each
\$7.15
6 Lots \$6.60
No. 97037
Unit Only
List \$9.00
Each
\$5.40

*The
Aalco
Loop*



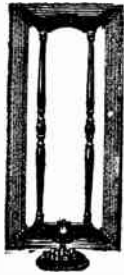
REGISTERED
U.S. PATENTS OFFICE

INFRINGEMENTS
VICIOUSLY PROSECUTED

The Aalco Loop has always been a favorite on account of its superior features and uncommon efficiency. Wound with maroon silk colored wire on walnut frame. Rotates freely. An extremely sensitive loop that performs remarkably well on all sets with .0005 condensers.

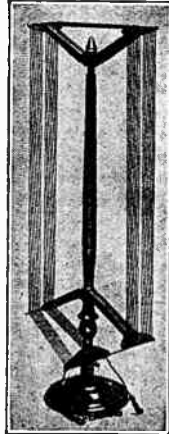
No. 91657 List.....\$12.50 **\$7.50**
Each..... Less 2%

**BODINE
DE LUXE
LOOP**



The new BODINE De Luxe is a beautifully finished loop, that is both compact and efficient. The frame is selected solid walnut, hand rubbed. Winding covered with lustrous silk braid. Has special low capacity 3 contact jack,

which permits loop to be rotated continuously.
No. 93488—
For .0005 Condenser **\$7.20**
No. 93489—
For .00035 Condenser **Less**
List \$12.00 **2%**
Each.....

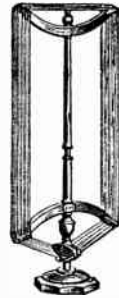


**DURO-
Qualitone Loops**

A very efficient collapsible loop. Wood work is of selected solid walnut, hand rubbed, natural finish. The wire spacers are made of best grade insulating material reducing losses to a minimum. Provided with removable center tap and either 2 or 3 leads may be used. The adjustment feature assures taut wires at all times. The DeLuxe model turns within a radius of 5 1/4 inches, the Qualitone within a radius of 7 1/4 inches. Designed for use with .0005 condensers.

DE LUXE MODEL
Overall Dimensions
29"x11"x3"
No. 97094
List \$12.50 Each \$7.50
THE QUALITONE MODEL
Overall Dimensions
34"x16"x3"
No. 92597
List \$10.00 Each \$6.00
Less 2%

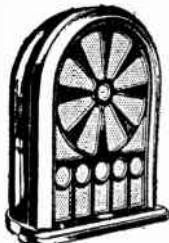
**FIAT
LOOP**



The new Console Fiat Loop combines remarkable efficiency with unusual beauty. Solid American walnut frame with graceful lines of simple Colonial design. Metal parts and name plate rose-gold. Patented Bank Winding secures high ratio of inductance. Height, 29". A very fine loop. For .0005 condenser.

No. 95055 List \$12.50 **\$7.35**
Each \$7.50 **Net**
Less 2% or

**ALL-AMERICAN
Reproducer**



A cone type speaker housed in a sounding chamber of heavy pressed steel. Has highly sensitive unit that gives faithful reproduction. Gives uniform response to all frequencies of vibration. A very decorative speaker.

List Each
No. 92079..... \$25.00 \$15.00



COMPLETE EQUIPMENT
Consists of Six CX290 Tubes, 3 Burgess A, 2 Burgess B and Burgess C battery.
No. 95023
List \$22.10
Each \$15.50

**HYATT
Ship Model A**

A complete, compact 6-tube, single dial PORTABLE set that will give excellent satisfaction. Clear reception and good volume. Will receive over good distance. Special transformer and efficient radio frequency construction assures a high type of reception. Operates with 6 dry cell tubes and is easily tuned. It is a truly portable set and can be carried anywhere, either from room to room or in the open. Furnishes endless programs on all occasions. An improved model that gives full satisfaction.

No. 97095 Without Accessories
List \$95.00
Each \$57.00 **\$55.86**
Less 2% or **Net**
ANTENNA COUPLER, for extreme distance and for use with outside aerial.
No. 97070 List \$3.50 Each \$2.10

**AERO-DOME
Indoor Ball
Antenna**



This indoor ball antenna is equivalent to 85 ft. of aerial wire and can be placed anywhere in the room or fitted into space in console. Scientific construction assures most excellent results. Easy to connect. Will lessen interference. Excellence of construction is shown by fact that it is now incorporated in several console models of well-known manufacturers. Ball 9" in diameter.

No. 96416
List.....\$12.50
Each.....\$7.50 **\$7.35**
Less 2% or..... **Net**

Cunningham RADIO TUBES

NEW 1927-28
LINES

Why Not Use the
-BEST-



WE are direct distributors of CUNNINGHAM Tubes and carry a large stock at all times. We can serve you promptly on all your requirements.

CUNNINGHAM Tubes without a question have created in the field of radio a degree of Satisfaction and Good Will second to none. There are actually millions of users and this universal acceptance offers you dealers a minimum of sales resistance. The effective national and local advertising by CUNNINGHAM is a real and decisive sales help in the merchandising of these standard tubes.

WE GIVE YOU BENEFIT OF ALL REDUCTIONS IN PRICE



No.	Type	Volt	Amp.	List	Each	Less 2% or Net
91616	CX301-A.....	5.	.25	\$1.75	\$1.22 1/2	\$1.20
91620	CX300-A.....	5.	.25	4.00	2.80	2.74
91607	C11.....	1.1	.25	2.50	1.75	1.71 1/2
91618	CX12.....	1.1	.25	2.50	1.75	1.71 1/2
91609	C299.....	3.	.06	2.25	1.58	1.55
91619	CX299.....	3.	.06	2.25	1.58	1.55
91634	CX340(Hi-Mu)	5.	.25	2.25	1.58	1.55



QUALITY OUTPUT TUBES

For use only in the last stage of audio frequency.

CX220 Dry Battery Amplifier Tube, plate voltage, 135 volts, "C" battery voltage of 22.5 volts required. Filament operated parallel with remaining tubes. Fits only CX sockets.

No.	Type	Volt	Amp.	List	Each
91612	CX220.....	3.0	0.125	\$2.50	\$1.75

CX112A For storage battery sets. Can be used with 90 volts, but 135 volts recommended with negative grid voltage of 9 volts. Especially recommended for TRF circuits.

No.	Type	Volt	Amp.	List	Each
91613	CX112A.....	5.0	.25	\$4.50	\$3.15

CX371A Undistorted quality output is 40 times that obtainable from CX301-A.

Recommended Voltages—	Type	Volt	Amp.	List	Each
"B" 90 volt	CX371A.....	135 volt	.25	\$4.50	\$3.15
"C" 16 1/2 volt		27 volt	1.1	4.00	2.80

CX310 Recommended for heavy duty loud speakers. Plate voltage may range from 90 to 425 volts, with a corresponding "C" of 4.5 to 35 volts. Can be used for amateur transmission.

No.	Type	Volt	Amp.	List	Each
91614	CX310.....	6.0	1.1	\$9.00	\$6.30

RECTIFYING TUBES

CX380 New FULL WAVE Rectifier with a maximum output of 125 milliamperes. Has new, oxide-coated ribbon filament of great ruggedness.

No.	Type	Volt	Amp.	List	Each
94975	CX380.....	5.0	2.0	\$5.00	\$3.50

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

CX381 New SINGLE WAVE Rectifier with a maximum D. C. output of 110 milliamperes. Increased output necessary for sets using greater power, such as CX371 and CX310.

No.	Type	Volt	Amp.	List	Each
94976	CX381.....	7.5	1.25	\$7.50	\$5.25

SPECIAL TUBES

For regulating line voltage, plate voltage and for protection of plate circuit against A. C. Current.

CX374 GLOW LAMP for plate voltage regulation. Voltage on amplifier tube cannot exceed 90 volts regardless of number of tubes or fluctuation in line voltage.

No. 91645	CX374	List \$5.50	Each \$3.85
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C376 BALLAST Tube, designed for use in series with primary of "B" eliminator transformer. Has mogul base.

No. 91647	C376.....	List \$6.50	Each \$4.50
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C377 PROTECTIVE Tube, designed for protection against "shorts" in plate circuit; eliminates possibility of accidental burning out tubes. Special double contact bayonet base.

No. 91648	C377.....	List \$1.75	Each \$1.23
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NEW CUNNINGHAM A. C. TUBES

The new CX326 and C327 A. C. Tubes permit the use of unrectified alternating current supplied through a step-down transformer and dispense with customary filament current supply by batteries, rectifying devices and filter systems. Type CX326 is a 1 1/2 volt raw A. C. filament tube drawing a current of 1.05 amp. and has standardized CX base. Type C327 is a so-called A. C. heater type and primarily intended as detector tube, used with CX326. Requires 1.75 amp. at 2 1/2 volt A. C. Type C327 employs a special 5-prong base.

No.	Type	New A. C. Type	List	Each
94977	CX326	.....	\$3.00	\$2.10
94978	C327	A. C. Detector (5-prong).....	\$6.00	4.20

BURGESS RADIO BATTERIES

BURGESS "B"



UNQUESTIONABLY the finest radio batteries made. Our stock is always fresh and kept complete for immediate shipment. None better. BURGESS Batteries have more life built into them and are specialized Radio batteries. Burgess batteries have set a high standard.

FLAT TYPE

No.	Volts	Type	Burgess No.	Std. Pkg.	List	Single Lots	Std. Pkg.
1530	22 1/2	Untapped....	5156	5	\$1.75	\$1.22	\$1.14
1531	22 1/2	Unt. Small...	4156	10	1.50	1.05	.97
1532	22 1/2	Variable.....	2156	10	2.00	1.40	1.30
1535	45	Variable.....	2306	5	3.75	2.62	2.44

VERTICAL "B"

No.	Burgess No.	OVERSIZE			Std. Pkg. Each	Std. Pkg. Each
		Volts	Std. Pkg.	List		
91539	10308	45	5	\$4.75	\$3.40	\$3.17
LARGE SIZE						
91533	2158	22 1/2	10	2.00	\$1.40	\$1.30
91534	2308	45	5	3.75	2.62	2.44
SMALL SIZE						
91529	5158	22 1/2	5	1.75	\$1.22	\$1.14
91542	5308	45	5	3.25	2.27	2.11

2% Discount Off Prices Shown

NEW BURGESS SUPER "B" BATTERY

A new "Super" Burgess 45 Volt "B" Battery that does more and is designed to meet the needs of the heavy current consuming sets. The "Super" has larger cells, the construction is superior, each cell is aged and tested and it is thoroughly insulated against deteriorating effects of climate and weather. Increased size 8 1/4" x 4 1/2" x 7 3/4".

No. 94995
45 Volts
List \$5.00

YOU CAN always depend on us for efficient, courteous service. Avail yourself of our extensive cooperation in regard to advertising, show window display, handbills, etc. Burgess batteries are always in big demand. It will pay you to stock them.

BURGESS "A"



The only real dry cell radio "A" battery, designed especially for this purpose. Will give much more service than ordinary ignition battery and has rapid recovery to high voltage. A Burgess product of accepted supremacy.

No. 91537 Each List \$0.50
Case Lots of 50

40c 35c

Burgess "Ignition" Battery with unusually high initial amperage. Round cell.

No. 91550 List.... \$0.45 Each.....36c 50 Lots.....32c

BURGESS "C"



Has long shelf-life and gives maximum service. The use of "C" batteries is important from the standpoint of economy. They cut the drain of your "B" batteries and also improve tone quality. Choose Burgess.

No.	Burgess No.	Std. Pkg.	Volts	List	Each	Std. Pkg.
91536	2370	10	4 1/2	\$0.60	\$0.42	\$0.39
91538	5540	8	7 1/2	.85	.59	.55
91540	5360	5	4 1/2	.40	.28	.26

Each **\$3.58** 5 Lots **\$3.33**

BURGESS No. 21308

FAMOUS "BREAK-NOT" HYDROMETER



Now made in two models. Has 24" nozzle to reach into cabinet. Equipped with patented float-stabilizer and protected against breakage. KING of battery testers. With Stand and Nozzle.



No. List Each Lots
91601 \$1.00 67c 63c

REGULAR TYPE

No. 91686 List \$1 Each 67c 10 Lots 63c



"BOSS" HYDROMETER

An accurate instrument with clear scale. Each 10 Lots
No. 91687 List \$0.75... **43c 40c**

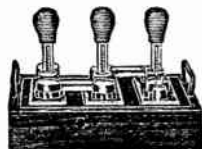
ALA RADIO



Made from highest grade Corning Glass. Acid-resisting rubber insures long life. Every float guaranteed accurate.

No. 91684 Each 10 Lots Per 100
26c 24c \$23.50

IN-A-CAP HYDROMETER



Instantly tells you whether battery needs additional water or recharging. An ever-ready drip-proof hydrometer. Eliminates all danger and fuss.

No. 94605 Single..... List \$0.75
No. 94606 Set of 3..... List \$0.45
2.00 2.00

TELL-TALE Hydrometers



With patented molded prong float, which will not stick. Acid resisting red rubber parts. No leaks. Attractive display carton.

No. 96125
Each **49c** 12 Lots **47c**

Hydrometer for "A" and "B" Batteries

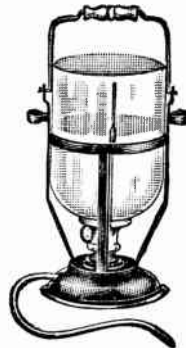
BATTERY TESTER OUTFIT



Consists of one high grade guaranteed hydrometer and a one-half gallon jar for distilled water or acid solution. A rubber top keeps the contents clean and prevents evaporation. This is the only safe economical and clean way for testing and refilling batteries.

Stock No. 31186
69c Ea.
6 Lots, 65c Each

"Ever-Ready" Battery Filler



One gallon capacity, and is used for either distilled water or acid solution. The nozzle is made of vulcanized acid resisting hard rubber. A heavy metal frame. Special bracket attached to frame holds hydrometer.

Stock No. 31185

\$1.79 Each



Swan-Haverstick Automatic "A" UNIT
 No tubes to blow or break, no acids or liquids to spill or require attention. Has automatic switch cutting off current when set is on. Full wave charging rate, 1/4 amp. Compact. Complete with rectifier. Each \$7.20 Less 2% or **\$7.06** Net

No. 97132.....List \$12.00



Mahoganized Rubber Case "A" Batteries

Sold to any Established Retailer



We carry a complete stock of the well known and dependable Philco Radio Battery with the famous Diamond Grid Plates and Quarter-Sawed Separators. Conservatively guaranteed one year. The DRY-NAMIC comes to you dry and fully charged. Equipped free with a Filler Cap Charge Tester, making it easy to tell strength of battery.

ORDER A PHILCO NOW!

DEALER'S PRICES

Type	Volt	Amp. H.	List	Each Including Electrolyte
56RX	6	65	\$13.25.....	\$7.95 Less 2%
76RX	6	100	16.50.....	9.90 Less 2%
96RX	6	130	19.90.....	11.94 Less 2%
116RX	6	160	25.00.....	15.00 Less 2%

MAHOGANY FINISH WOOD CASE "A" BATTERIES

Type	Volt	Amp. H.	List	Each Incl. Electrolyte
136 RWX	6	190	\$30.00	\$18.00 Less
74 FWX	4	100	12.50	7.50 2
132 RWX	2	190	11.50	6.90 Percent

MAHOGANY CASE GLASS JAR "B" STORAGE BATTERIES

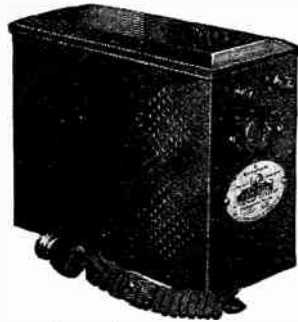
Philco "B" has individual square glass cells, contained in handsome mahoganized wood trays.

Type	A. H. Cap.	Volts	List	Each Dynamic Incl. Electrolyte
83 X	3000	90	\$19.85	\$12.90
86 H	6000	90	25.00	16.25
248 DXO Super	3000	48	14.25	9.26
248 DX Super	3000	48	17.50	11.38
248 DHO Super	6000	48	17.50	11.38
272 DXO Super	3000	90(2 for 135)	17.95	11.67

NEW 1927-28 LINES

AMPLUS

"A" SOCKET POWER

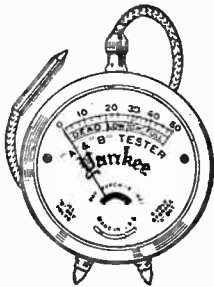


An efficient 6 volt "A" Power supply contained in attractive metal case with splendid finish. The unit consists of a rugged Am-Plus 40 amp. battery with perforated rubber separator and wood insulation; a genuine WESTINGHOUSE RECTOX Disc Type charger, an automatic re-ay which controls the radio set and "B" supply and a "B" Receptacle. A most compact unit that will give absolute satisfaction. Has 5 amp. safety fuse. Toggle switch for intermittent or constant charging. Give this AM-PLUS "A" Unit a trial and you will use it regularly.

11 3/4" x 4 3/8" High AS FINE A UNIT AS YOU CAN BUY

No. 96901 List \$30.00 Each \$18.00 Less 2% or **\$17.64** Net

YANKEE Combination "A" AND "B" BATTERY TESTER



A very clever instrument that you will sell easily in big quantities. One instrument to do the work of two. Left contact point tests "B" batteries up to 50 volts. Right contact point tests 6 volt storage batteries. Tells condition of battery at a glance. A very efficient useful instrument.

No. 96860 Each **\$1.35** Less 2%

With Large Westinghouse RECTOX Unit

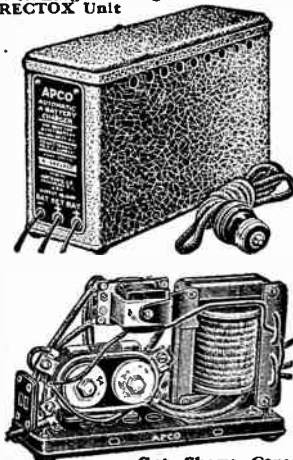
APCO FULL AUTOMATIC CHARGER

The Apco Full Automatic Charger employs the newest system of rectification consisting of the Westinghouse Rectox Unit. The Apco built relay is made to exacting standard, has pure silver contacts and finest of phosphor bronze. The new automatic "A" Charger is for use with regular six volt batteries and has an output, depending on battery conditions, from .75 to 1.4 amp.

No. 96093 List \$16.50 Each \$9.90 Less 2% or

\$9.70 NET

FULLY AUTOMATIC CHARGER



Cut Shows Cover Removed. Enclosed in Attractive Steel Case.

Burns High-Voltage "B" ELIMINATOR

With Raytheon 125 MH. "BH" Tube

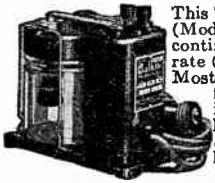


No. 96094 Complete with "BH" Raytheon Tube List \$47.50 .Each

\$28.50 Less 2%

BURNS "B" Standard Model. Output 180 Volts at 40 Mils. Without Snap Switch. No. 96410 Complete with RAYTHEON "BH" Tube. List, \$35.00. Each.....\$21.00

Trickle Charger



This Trickle Charger (Model K) operates continuously at low rate (appr. 0.5 amp.) Most convenient form of charging. Requires little attention. 5" high. Noiseless in operation.

No. 91699..... List \$7.50 **\$441**
Each \$4.50 Less 2% or **Net**

BATTERY CHARGER



The Balkite Model J can be used both as a trickle and high rate charger for 4 or 6 volt batteries. Absolutely noiseless in operation—can be used when set operates. Charging rate 2.5 amp. on high, .5 amp. on low; 7 1/2" high, 3 1/2" long, 5 3/8" wide.

No. 91698..... List \$17.50 **\$1029**
Each \$10.50 Less 2% or **Net**

25 CYCLE MODELS

No.	Model	List	Each
96030	N R Trickle.....	\$11.00	\$ 6.60
96406	J R 2 Amp.....	19.50	11.70
96407	B W R.....	27.50	16.50
96408	B-135R.....	39.50	23.70
96409	AB-135R.....	74.50	44.70

ELECTROLYTE AND FUSES

No.	List	Each	
91747	6-oz. Bottle.....	\$0.75	\$0.45
91748	1-qt. Bottle.....	1.00	.60
91749	6-amp Fuse.....	.10	.04
91746	4-amp Fuse.....	.10	.04
91754	1-amp. Fuse.....	.10	.04



Dimensions Both Models, 10 1/2"x18 1/2" 7 3/4"

FANSTEEL Balkite

NEW 1927-28 LINES

The new 1927-28 BALKITE line contains the most remarkable developments and makes electric radio power a reality.

BALKITE "A" MODEL 6



(Batteryless) Replaces batteries entirely and supplies "A" current direct from light socket. Operates only when set is on. Rectifier and electrolytic filter condenser in one unit. Shipped in dry and requires addition of water only. 6 volts, 2 amp. output, 110-120 A. C. Absolutely noiseless, output always constant and uniform. The ideal 6 volt "A" supply.

No. 96025..... List \$35.00 **\$2058**
Each \$21.00 Less 2% or **Net**

BALKITE MODEL "N"



Large Trickle Charger

A new trickle of increased capacity. 2 rates, .5 and .8 amp. sufficient up to 8 tubes, including power tube. Jar capacity 16 ozs. or 3 times that of Model "K".

No. 96026..... List \$9.50 **\$559**
Each \$5.70 Less 2% or **Net**

BALKITE "B" "B" W



The popular low priced model. Recommended for sets having 5 tubes or less and requiring 67 to 90 volts. Separate tap for detector tube. 3 1/4"x7 3/8"x3 1/4". Very economical.

No. 96027..... List \$22.50 **\$1323**
Each \$13.50 Less 2% or **Net**

"B" 135



An improved model for practically any set, including 112 type tubes. Remarkably smooth, unfluctuating uniform output. 40 mill. at 135 volts.

No. 96028..... List \$35.00 **\$2058**
Each \$21.00 Less 2% or **Net**

"B" 180



For any set including 112 and 371 tubes. Low resistance circuit gives excellent regulation. Fine tone quality plus volume assured. 55 mill. at 180 volts.

No. 96029..... List \$42.50 **\$2499**
Each \$25.50 Less 2% or **Net**

FANSTEEL Balkite "A B" (Batteryless)

The Balkite "A B" models are complete in themselves and supply both plate and filament current directly from light socket. Operates only when set is in operation. Noiseless and requires little attention. 110 Volt, 50-60 cycle.

MODEL AB 6-135
Output, 6 volts, 2 amp. "A" current. 40 mills. at 135 volts "B." Will serve practically any set using 112 tubes.
No. 96031
List, \$64.50
Each, \$38.70
Less 2% or

3793
Net

MODEL AB 6-180
Output, 6 volts, 2 amp. "A" current, and 55 mills. at 180 volts "B." with use of 371 tube.

No. 96032
List, \$74.50
Each, \$44.70
Less 2% or

4381
Net

Marathon Rectifier



Fitted with a standard screw base and is suitable for use in place of all 2-amp. bulb type charging devices, using a transformer with a secondary voltage of from 15-18 volts under load. Has clip connection on top which is used in the same manner as tube external connection. Furnishes single wave rectification at 2 amp. charge.

No. 97073..... List \$4.50 **\$270**
Each..... **Less 2%**

BE SURE TO LOOK OVER OUR FINE DISPLAY OF Consoles

We carry the largest stock of high-grade Consoles in various models, sizes and finishes. We specialize in the NEWCOMER-HAWLEY 86" Tone Chamber Consoles. Write for particulars.



"Silver Beauty" Chargers

These high-grade "Silver Beauty" Chargers in aluminum case answer every purpose. The 5-amp. type will charge battery over night. Equipped with ammeter which registers charge. Noiseless. Complete with Rectagon Bulb.

CHARGING "A" AND "B" BATTERIES

No.	Rate	List	Each
94760	2-Amp.....	\$18.00	\$11.20
94761	5-Amp.....	28.00	17.80

FOR "A" BATTERIES ONLY

No. 94762 and No. 94763 can be permanently connected to set. Beautiful, non-magnetic aluminum case. Complete with Rectagon Bulb.

No.	Rate	List	Each
94762	2-Amp.....	\$14.00	\$8.80
94763	Trick. and 2-amp.	14.00	8.80
94764	5-Amp.....	26.00	16.40

White

"A" SOCKET POWER UNIT

Back of every WHITE Socket Power Unit is an unalterable policy and rigid determination to constantly maintain the highest possible standard of mechanical excellence and efficiency of performance. All WHITE Power Units are guaranteed by the factory and the workmanship is subjected to the most rigid inspection.



WHITE "A" UNIT

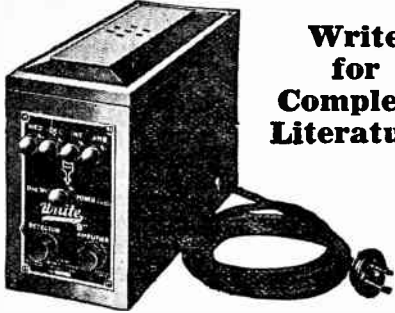
The WHITE "A" is an absolutely independent unit and delivers 6 volt current at 2 1/2 amp. drain, sufficient for any radio set up to 9 tubes. Voltage and amperage output is controlled by employment of high resistance, metal core rheostat. The filter unit is absolutely foot-proof. Shipped dry and requires only distilled water. Licensed under Andrews-Hammond Patents. Uses 2 amp. Tungar bulb guaranteed for 3,000 hours in this unit.

LESS TUBE

\$23²³
Net

No. 96103 Complete Unit Price Less Tungar Tube.
List \$39.50 Each \$23.70 Less 2% or...

Write for Complete Literature



WHITE "B" UNIT

A strictly quality "B" unit. In addition to the detector tap, the intermediate and 135 volt tap, it is equipped with a power tap delivering 180 volts at 85 mls.—more than sufficient for the largest set. Housed in sage green Duco cabinet. Uses 125 ml. RAYTHEON "BH" Tube. Approved by Raytheon.

No. 96104 Complete Less Tube.
List \$32.50 Each \$19.50 Less 2% or

\$19¹⁰
Net



WHITE "AB" UNIT

efficiency. "A" side delivers 6 volts at 2 1/2 amp., "B" side has output of 85 mls. at 180 volts. A compact unit that has been thoroughly approved by engineers and set owners.

No. 96105 Priced Less Tubes.

List \$67.50 Each \$40.50 Less 2% or

\$39⁶⁹
Net

NECESSARY TUBES FOR WHITE UNITS

	"A" Side	"B" Side	
No. 94558	2 Amp. Tungar.....		List \$4.00 Each \$3.00
No. 92441		Raytheon BH.....	List \$4.50 Each \$2.70

BRUNELLI-JONES

"A" SOCKET POWER

A REAL HIGH-GRADE 6 Volt Socket Power



A fully automatic "A" power unit consisting of a sturdy 7 plate (60 amp.) Battery, connected with WESTINGHOUSE Rectox Trickle Charger. Constant rate of charging, .65 amp. Equipped with automatic relay switch, shutting off current when set is on. Attractive black rubber case, 10 1/2 in. long, 6 3/4 in. wide and 9 1/4 in. high. Bail Handle, 6 ft. cord. An extremely efficient unit that will give excellent service. Attractively priced.

A DEPENDABLE UNIT

You get quality and real performance. A full size 60 amp. battery with long-life plates, assures even current at all times. The Westinghouse RECTOX charging element gives quiet and unflinching charging power and the RELAY is a reliable control. A combination that is wonderfully efficient and just look at the attractive price. All honest value.

No. 94994 List, \$24.50 Complete with Automatic Relay.

Each, \$14.70 less 2% or.....

\$14⁴¹
Net

NEW 1927-28 LINES

With Westinghouse RECTOX Charging Unit and dependable RELAY SWITCH

STEWART "B"



The Stewart "B" comes equipped complete with Raytheon 125 Mil. B. H. Tube and will supply sufficient current for any set. A carefully built unit that is contained in well finished metal case. Has three amplifying taps, 67 1/2, 90 and power voltage. All binding posts and controls are enclosed. Absolutely noiseless in operation. Over-size parts insure smooth, quiet operation.

PRICED COMPLETE WITH 125 MIL. RAYTHEON "BH" TUBE

No. 97097 List \$39.00. Complete with Tube. Each \$16.75 Less 2% or.....

\$16⁴¹
NET



FREE ORDER BOOK

A business-like way of keeping track of all your orders. 24 order blanks and 24 want lists and space to keep a copy of every order you send. It gives you a complete record—saves you time and shows you all transactions at a glance.

REQUEST IT NOW!

WE CARRY A COMPLETE STOCK

KUPROX

No Bulbs • No Liquids • No Noise

DEALERS! WRITE FOR FULL DESCRIPTION

NEW 1927-28 LINES

NEW 1927-28 LINES



KUPROX, the dry metallic Disc, is used in KODEL Socket Power Devices and is also furnished as replacement units for electrolytic and bulb charging devices. KUPROX uses an entirely new but tried-out principle of rectification, does not deteriorate and, therefore, lasts indefinitely.

REPLACEMENT UNIT "A"

For replacement of all electrolytic jars of trickle chargers. Charging rate, 1 amp. Requires no further attention and easily connected.

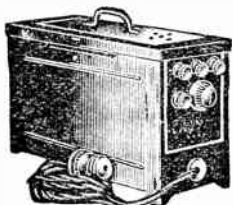
No. 96000 Type A10.....List \$4.50 Each \$2.70

REPLACEMENT PARTS For Gold Seal Vibrating Type Charger

We can furnish the Tungsten Armature and Contact Points for the vibrating type of Gold Seal Homchargers. Complete replacement parts.

No. 96021 60 Cycle Each **75c**

KODEL "B" Transifiers



Kodel has developed a very fine line of "B" Eliminators meeting every demand. Full specifications sent on request.

MODEL 161 "B"

This is the ideal "B" Eliminator for 6-tube set or smaller, having a guaranteed output of 35 M. A. at 180 volts. Absolutely no hum, perfect reception, increased power. Separate taps provide 45, 90 and 180 volts. Uses CX 380 rectifying tube.

No. 96006 Less Tube List \$26.50.....Each

MODEL 110 "B"

A perfect "B" Eliminator for all sets using 10 tubes or less. Guaranteed output of 45 mds. at 180 volts. Variable micrometer detector control (10-80 volts). Separate taps for 45, 90, 150 and 180 volts. A very fine "B" Eliminator. Uses CX 380 tube.

No. 96007 Less Tube List \$39.50.....Each

MODEL 120 COMBINATION "B" AND AMPLIFIER

A perfect combination of "B" supply and amplifier using the CX 371 tube. Supplies 45, 90, 180 volts "B" and 45 volts "C" at output of 35 mds. Gives greater volume, better tone quality. Uses CX 380 and CX 371 tubes.

No. 96008 Less Tubes List \$45.00.....Each

\$15⁹⁰

Less 2%

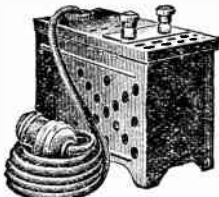
\$23⁷⁰

Less 2%

\$27⁰⁰

Less 2%

KUPROX TRICKLE "A" CHARGER



For charging all 6 volt batteries at rate of .8 to 1 amp. Requires no attention. 3 1/2 x 4 1/2 x 5 3/4". Attractive pressed steel case.

No. 96002—60 cycle. List, \$10.50. Each.....\$6.30
No. 96012—25 cycle. List, \$12.00. Each.....\$7.20

KUPROX Homcharger

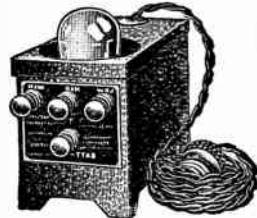
Gives 1 amp. Trickle and 2.5 to 3 amp. high rate charge. With ammeter. Has Kuprox dry unit.

No. 96003 List \$13.50 Each

\$11¹⁰

Less 2%

KUPROX TRICKLE "B" RECHARGER



Makes a permanent "E" Power Unit of ordinary dry cell "B" batteries. Feeds into dry cells the current consumed in normal operation of receiver. Keeps up to 180 volts at full charge. Complete with tube.

No. 96004.... List, \$10.00 Each, \$6.00

TELEVISION

Do you want to experiment in the coming science of television? Get the latest facts by reading the magazine TELEVISION now ready for distribution.



The Visitron 5 is a standard size photoelectric cell of very high sensitivity. Used in television systems where light at transmitting end can be focused to enter 1-inch window. Standard X type base.

No. 97116 Visitron 5. List \$13.00. Each.....\$12.60



A most intense concentrated source of "cold light" which may be readily modulated. Used where transmitting image is projected by optical means on screen.

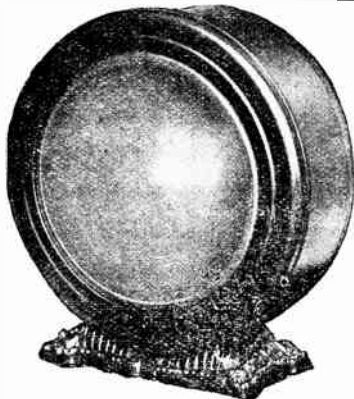
No. 97117 Neutron 25. List \$25.00. Each.....\$15.00

OTHER TUBES

No.	Type	List	Each
97118	Visitron 15	\$35.00	\$24.50
97119	Visitron 21	22.00	15.40
97120	Neutron 35	35.00	24.50

WRITE FOR MAGAZINE "TELEVISION"

A comprehensive treatise on the complete subject. No. 97121 112-page Book. List 50c. Each.....33c



QUAM DRUM SPEAKER

A very popular Drum with very fine tone quality. No. 97114.....List \$17.50 Each \$10.50 Less 2% or \$10.29 Net



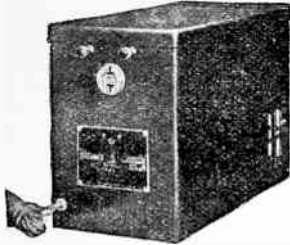
TAPES-TRYS-TRY AN-TENNA

Efficient In-door Aerial, contains hundreds of feet of wire and necessary condenser. Increases selectivity, reduces static.

No. 97115 List \$9.50 Each \$5.70 Less 2%

Completely Automatic
Wet and Dry
Power Units

Sentinel
Completely Automatic!
A-B-C Power Units



SENTINEL
(Completely Automatic)
"A" UNIT

The Sentinel "A" Unit consists of a high-grade storage battery, 60 amp. capacity, together with the heavy duty 2 amp. Tungar type charger and the famous Sentinel completely automatic control. When set is turned on, the 2 amp. charger automatically starts and as soon as the battery is fully charged the charger is automatically shut off. Requires no attention. Gives you the tried

"A" current from battery and absolutely automatic control. 12" x 6" x 9".

No. 94772 6 Volt. List, \$37.50
Each, \$22.50 less 2% or.....

\$22⁰⁵
Net

Also furnished for 4 Volts at same price.

SENTINEL DRY "A"

A completely dry "A" power that delivers constant 6 volts up to 2 1/2 amps.

No. 96495..... List \$49.00 Each \$29.40 Less 2%



SENTINEL DRY
A-B-C
COMBINATION

A completely dry Combination "ABC" Unit for universal purpose. "A" side has output of 2 1/2 Amp. at 6 volts. The latest dry "ABC" unit that has been proven in actual service. "B" side output of 80 Mils. at 180 volts. 2 C bias voltages. Complete with tubes and rectifier.

DRY SENTINEL A-B-C UNIT

No. 97083 6 Volt..... List \$88.50 Each \$53.10 Less 2%

B-C POWER UNIT

The Sentinel B-C gives ample power to any set. It employs 2 rectifier tubes, one for voltage control. Detector voltage 0 to 75. Intermediate 0 to 110, last stage variable to 200 volts. A superior "B" unit built to eliminate servicing for the dealer. Has also one fixed 4 1/2 volt C bias and one variable C tap 4 1/2 to 45 volts. An up-to-date "B" unit for the most critical customer. Output 180 volts at 80 Mils.



No. 96490 Complete with 2 Powrector Rect. Tubes. List, \$44.50 Each, \$26.70 Less 2% or.....

\$26¹⁷
Net

BEVERLY MODEL "BC"

Same as above, but equipped with meter which gives reading on detector, intermediate and power stage.

No. 96492..... List \$65.00 Each \$39.00 Less 2%

SENTINEL BC JUNIOR

A very compact BC Unit with output of 65 Mils. at 180 volts. 2 "C" taps. Size 6 x 6 x 6 inches. Furnished complete with CX380 rectifying tube.

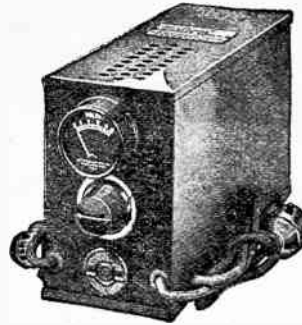
No. 97129 Complete with 380 Tube. List \$35.00 Each \$21.00

Sterling

DRY "A"

The STERLING 6 volt Socket Powers give ample current for sets from 3 to 12 tubes. It is meter equipped for exact current regulation. A simple, positive and dependable DRY "A" power supply for any set. It delivers 2 1/2 amps. at 6 volts. Has "B" receptacle. Size 4 in. x 10 1/2 in. x 7 in.

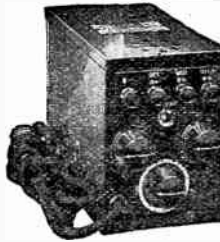
No. 96889 New Model complete with Rectifier. List \$39.50 Each \$23.70 Less 2% or **\$23²³** Net



STERLING "B" R-81

For sets with 3 to 8 tubes. Will supply 40 mills at 160 volts. Both amplifier and detector voltages are variable and an additional primary control regulates all voltages proportionately. A Raytheon approved product, using the Type BH Tube. A very efficient "B" supply at a good competitive price. Size 7 1/2 in. x 4 1/2 in. x 5 1/2 in.

No. 96890 List \$24.00 Less Tube **\$14¹¹** Net
Each \$14.40 Less 2% or Raytheon "BH" Tube Extra No. 92441 list \$4.50 Each \$2.70



STERLING 'B-C'R-98

The Universal Model which will operate any radio set without hum. 180 volt maximum output. Supplies 40 volts C. Independent and variable voltage regulation is provided for both Detector and R. F. A primary voltage control inside the case regulates A, E and Power voltages. Raytheon approved. Stands comparison with any eliminator. 4 1/2 in. x 11 1/2 in. x 6 in.

No. 96891 List \$33.50 Less Tube Each \$20.10 Less 2% or **19⁷⁰** Net



Raytheon "BH" Tube Extra No. 92441 List \$4.50 Each \$2.70

STERLING RADIOLA TEAM

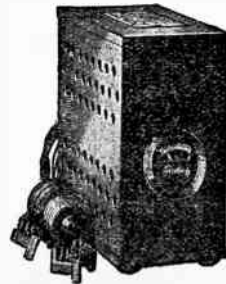
These two units are sold separate and constitute a complete A and B supply for sets using 2 volt tubes and up to 135 volt "B". The A side (R94) uses 1/2 amp. Tungar bulb, the "B" side the new CX-380 Tube. Both units have been used for a long time and are giving excellent satisfaction.



No.	Type	List	Each
96892	R-94—"A" Side	\$1.00	\$16.80
94355	Tungar Bulb, 1/2 AMP.	4.00	3.00
96893	RT-11—"B" Side	\$22.00	\$13.20
94975	CX-380—Cnnnningham	5.00	3.50

STERLING DOUBLE AUTOMATIC "A" CHARGER A-109

Doubly automatic, because it starts charging when battery is low and stops charging when battery is full. Keeps the battery continuously up to full power. Operates at lowest cost. Starting and stopping device requires no adjustment. For 6 volt batteries. No. 96894. List \$15.00 Each \$9.00 Less 2%



RAYTHEON CARTRIDGE
No. 95099 2 1/2 Amp. Cartridge List \$4.50 Each \$2.70

TYPE R-108 2 AMP. CHARGER
An efficient, absolutely quiet compact "A" battery charger built for Raytheon 2 1/2 amp. Cartridge. 3 1/2 in. x 4 in. x 5 in.
No. 96895. List \$7.50 Each \$4.50
RAYTHEON CARTRIDGE EXTRA
No. 95099. List \$4.50 Each \$2.70

WRITE FOR COMPLETE CIRCULAR

HANDY



TUNGAR Bulb Charger

Equipped with Automatic and Remote Control Relays

Charges at rate of approximately 2 1/4 amp. and relay automatically shuts off charger when battery is fully charged. Your battery always at highest efficiency. Has "B" eliminator socket, making this a complete automatic unit. Panel filament switch controls all connections. A superior product.

Fully Automatic

No. 96044 Complete with 2 Amp. Tungar Bulb. **\$11.76**
List.... \$20.00 Each.... \$12.00 Less 2% or Net

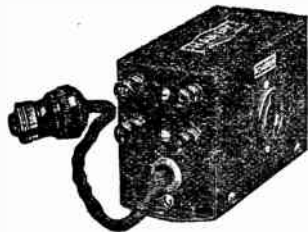


HANDY TRICKLE BOOSTER CHARGER

For 6 or 4 Volt Batteries

Converts your present battery into up-to-date "A" Power Unit. With this charger you get both trickle and booster (2 amp.) charge, assuring full strength of battery. Uses long life 2 amp. TUNGAR Bulb. A very fine unit that you can sell easily.

No. 96046 Complete with 2 amp. Tungar Bulb. **\$8.82**
List.. \$14.00 Each.. \$9.00 Less 2% or Net



No. 96047 25 Cycle. **\$16.00** Each. \$9.60

HANDY 2 AMP. Automatic Switch

Has series and potential relay. If connected with 2 amp. charger and "B" eliminator, it gives perfect automatic control. When set is shut off, charging starts until battery is fully charged. A good unit. The ideal power control with any 2 amp. charger.

No. 96048..... List \$8.00 Each \$4.80

HANDY BATTERY CHARGERS

For 6 and 15 Batteries

Charges all radio, automobile and lighting batteries. 6 amp. charge. Easy to operate. Economical as it charges 1 or 2 batteries at practically same cost as when operating at full capacity. Shipped from St. Louis.

No.	Type	Current	Shipping Wght.	Each
96249	6 Batteries	60 Cycle	96 lbs.	\$33.75
96250	6 Batteries	25-40 Cycle	100 lbs.	41.25
96251	15 Batteries	60 Cycle	112 lbs.	52.50
96252	15 Batteries	25-40 Cycle	130 lbs.	60.00

FULL WAVE CHARGER

A new improved charger that delivers a full .8 amp. charge. Absolutely quiet in operation. When battery is fully charged, the charging rate is automatically cut down to .2 amp. rate. A very economical charger that will keep any battery up to full strength.

NO ACID

This Full Wave Charger has no acid, but uses new neutral rectification liquid.

No. 96121 Complete. **\$4.41**
List \$7.50 Each \$4.50 Less 2% or Net



ABOX FILTER REPLACES 6-VOLT "A" BATTERY

The Abox Filter is designed to be used with a new or old Balkite charger to furnish a constant "A" supply for as many as 6-volt tubes. This compact unit 6x3 3/4 x 9 1/2" high is shipped dry with complete instructions. For new installations use Balkite Model A-J.

No. 94649—List \$19.50.

Each \$11.70 Less 2% or..... **\$11.47** Net

VALLEY AUTOMATIC BOOSTER CHARGER



The Valley charges at a rate of 1/2 to 2 1/2 amp. and is adjustable. No bulbs, acid or solution. More efficient and economical. Has also "B" power socket with relay control. Absolutely fool-proof and noiseless. Size 8" x 7" x 3". Baked enamel metal case.

No. 94682

List \$16.50

Each \$9.90

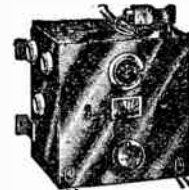
Less 2% or.....

\$9.70 Net

For 25 Cycle No. 94992

List, \$16.50

Each, \$9.90



BLITZ COMMERCIAL CHARGER

With the Blitz you can charge 6 to 15 six-volt batteries at one time. Also charges at the same time up to 12 "B" Batteries of either 24 or 48 volt strength. A very good charger for quick, dependable work. Can be used for bringing up sulphated batteries. Three types complete with rectifying bulb.

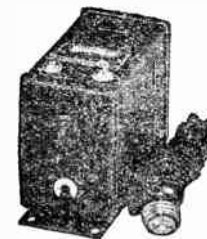
Each

94630 110 Volt, 60 Cycle, A.C..... **\$59.50**
94631 110 Volt, 25 Cycle, A.C.....
94632 110 Volt, D.C. \$42.50 Less 2%

BLITZ 5 BATTERY CHARGER

Designed for small battery stations and radio dealers. For 110 Volt A.C., 60 Cycle. Very economical and a necessity for every store.

No. 92678 Each..... \$39.50 Less 2% Complete with one bulb.



THORDARSON ELECTRIC MFG. CO.

Battery Charger R-175

In this Charger the rectifying element is contained in the Raytheon cartridge—absolutely dry—requires no attention whatsoever and is guaranteed for 1000 hours full load operation (one year's normal service). Absolutely safe and silent. Fits any battery compartment. 2 1/2 x 5 1/4 x 4 3/4. 2 Amp. Charging Rate.

No. 93473. List \$12.50

Each \$8.13 Less 2% or

\$7.97 NET

NATIONAL PRODUCTS



NATIONAL Rectifying Tube

A tested tube with a full 85 mil. output. National Products are built to a standard. Will fit any "B" eliminator using 85 mil. tube. Fully guaranteed.

No. 97099..... List \$4.50 Each \$2.47 5 Lots 2.25

PROMPT SHIPMENT ON ALL MERCHANDISE

Now that manufacturers have made substantial shipments of new goods to us, we are enabled to make prompt delivery in every case. An order to Harry Alter receives immediate attention. Lowest Prices Always.



**ALL-AMERICAN
"B" POWER
SOCKET**

Here is a scientifically designed unit built to meet the "B" power demands of any modern receiver. It is absolutely noiseless in operation—powerful enough to handle up to 10 tubes—and capable of being easily adjusted to meet the most critical voltage requirements.

Being no larger than an upright "B" battery, it can be easily installed in a receiver cabinet or other convenient place. Operates equally well in any position. Finished in attractive baked green enamel.

An approved Raytheon type "B" eliminator, with 2 variable controls. Four taps: negative, Detector, Intermediate and Amplifier. Hi-Lo Switch for increasing or decreasing power output. Output, 60 mils. at 135 Volts. (35 at 180.) Small compact size. 8½"x7"x3". Uses Raytheon BH Tube.

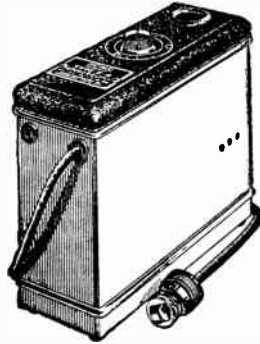
No. 92088 Less Tube. List \$27.50.
Each \$16.50 Less 2% or.....

\$16¹⁷
Net

RAYTHEON TUBE EXTRA

No. 92441 Type BH..... List \$4.50 Each \$2.70

ACME "B" Supply



A thoroughly approved Raytheon type "B" eliminator and one of the first on the market. Proper filters and storage condensers are used in this unit, eliminating all hum. For sets up to 8 tubes and using 180 volts. 4 plus taps—detector (variable from 35 to 45 volts), 90, 135 and 185 volts. Rugged construction. 3¼" x 8¾" x 7¾" high. Priced with Raytheon BH tube.

With Raytheon "BH" Tube

No. 96080—
List.. \$35.00 Each.. \$21.00
Less 2% or

\$20⁵⁸
Net

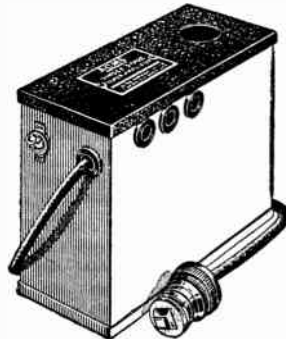
**ACME
CHARGERS**



A properly built, noiseless, absolutely dry charger that gives you three times the efficiency of other chargers. Two models available—2½ amp. (half wave) and 5 amp. (full wave). Very compact. Fits into 8" cube space. Complete with lamp socket cord and marked battery clips.

No.	Type	Rate	List	Each
96081.....	A6	2 ½ Amp.	\$12.50	\$ 7.50
96082.....	A7	5 Amp.	18.00	10.80

**ACME
(Of Cambridge)
PA-1 POWER
AMPLIFIER**



An efficient and easily installed Power Amplifier, which has a single stage of resistance coupled amplification with an impedance leak, a filament lighting transformer and automatic C supply. Improves quality of your set and gives greater volume. Uses 371 or 112 tube.

No. 96861 List \$12.50
Each

750

TUNGAR CHARGER



G-E TUNGAR Chargers enjoy an enviable reputation. They are quiet in operation, absolutely safe and highly efficient. In attractive black and green case with carrying handle. Complete and ready to connect. Over 500,000 Tungars now in use.

**2 AMP. and
TRICKLE
CHARGER**

No. 94766
List... \$10.00
Each... 7.00
Less 2% or

\$6⁸⁶
Net

No. 94767
List..... \$14.00
Each..... 9.80
Less 2% or

\$9⁶⁰
Net

25 Cycle List \$22.00
Each \$15.40

5 Amp.

No. 94768
List..... \$24.00
Each..... 16.80
Less 2% or

\$16⁴⁶
Net

25 Cycle List \$34.00
Each \$23.80

TUNGAR BULBS



We carry both the old and new type G-E Tungar Bulbs. In the new type both contacts are made in the base, distinct from the old type which has external connection.

No.	List	Each
94558 2 Amp. New Type.....	\$4.00	\$3.00
94556 5 Amp. New Type.....	8.00	6.00
94555 For Trickle Charger.....	4.00	3.00
94559 2 Amp. Old Type.....	4.00	3.00

Q R S RECTIFYING TUBES

This is a new, advanced full wave gas rectifier tube for use in "B" Eliminators.

No.	Output	Max. Voltage	List	Each
95052	60 mils.	150 volts.....	\$4.50	\$2.70
95053	85 mils.	200 volts.....	4.50	2.70

New 400 Milliampere QRS Tube for A, B and C. In conjunction with a filter circuit, for which we will furnish diagram and instructions free, the QRS 400 mil. tube will eliminate "A" "B" and "C" Batteries. Tubes must be wired in series.
No. 95054..... List \$7.00 Each \$4.20



RECTOX Trickle Charger



Designed to meet the popular demand for a trickle charger. Will charge 6 volt storage batteries at two rates, namely .4 amp. and ¼ amp. Adapted to use with control switches. Has standard maroon enamel case. Contains no bulbs, chemical or liquids or vibrating points. New copper oxide principle of rectification introduced by WESTINGHOUSE. Nothing to give trouble. Economical in operation. NEW TYPE WITH DOUBLE CHARGING RATE.
No. 96862 List \$11.50

Each.... **\$8.05**

3 Lots.... **\$7.65**

Raytheon

LONG LIFE RECTIFYING TUBE

As distributors of RAYTHEON Products we can give you first-class service and prompt delivery. Our adequate stocks permit immediate shipment. NOTICE NEW REDUCED PRICE. Highest grade quality of proven merit.



No.	Type	Output	List	Each
92401	B.....	60 Mils.	\$4.50	\$2.70
92441	BH.....	125 Mils.	4.50	2.70
95098	BA.....	350 Mils.	7.50	4.50
95099	2 1/2 Amp. Cartridge		4.50	2.70
96863	Type R Voltage Regulator.....		4.00	2.40



MAZDA PANEL LAMP

6 volt, .1 amp., miniature base, tubular shape, Type T 3.
No. 95097 Each, 20c 10 Lots.....14c



BRACH CONTROLIT

With the Controlit you can place your battery, charger and "B" Eliminator anywhere. The Controlit is absolutely automatic.

No.	For	List	Each
4683	For 6 Volt.....	\$4.50	\$2.70
4684	For 4 Volt.....	4.50	

FOR "A" ELIMINATOR AND "B" Used with Abox, Balkite or other "A" eliminator. Has Pendant Switch. Simple to install.

No.	List	Each
97128	\$3.00.....	Each, \$1.80

Less 2%



JEWELL "A" AND "B" AUTOMATIC SWITCH

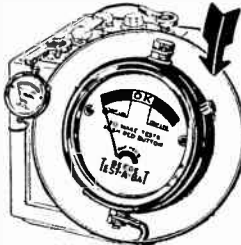
An automatic switch which places the trickle charger and "B" Eliminator in operation in proper order. Controlled by filament switch on your set. Completely enclosed in metal case. Built substantially for long, continued service. Two types.
No. 4674 For sets using 4 or more 5 volt tubes.
No. 4675 For sets using 5 or more 3 volt tubes.
Either Type. List \$5.00.....Each \$3.25



DIALITE

A portable radio lamp in hand-some old gold finish. Wires are connected directly to "A" battery. Adjustable to any position. Complete with 6 volt bulb and silk covered cord.
No. 92880
List \$2.00 Each.....

\$1.20
Less 2%

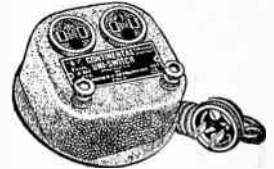


BEEDE Testabat

An accurate battery tester that is permanently connected. Just press the button and the meter tells you distinctly whether battery is O. K. or needs charging. A clean and safe way—no spilling of acid. Priced complete with attachments.

No. 96864

List \$1.75
Each **\$1.05**
Less 2%



CONTINENTAL RELAY

The Continental Uni-Switch can be used with both "B" eliminator and Trickle Charger, Trickle Charger alone or "B" Eliminator alone. Automatic in operation. A very fine, compact relay unit, 4 1/4" in diameter.

No. 94742
List \$3.00
Less 40%
\$1.80
Less 2%

RELIABLE AUTOMATIC RELAYS

NEW 1927-28 LINES



The Utility Type is unsurpassed for efficiency on sets using 4-7 tubes and its neat appearance and small size has made it a favorite everywhere. Two models.

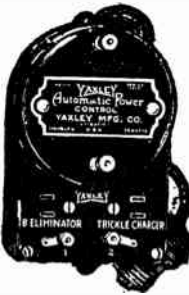
No.	Model	Volt	List	Each
94640	.....13	6	\$2.00	1.20
96088	.....14	3	2.00	1.20



RELIABLE CONVENIENCE TYPE

The new 1927-28 Convenience Type Model with extra fine electrical and mechanical characteristics. Voltage drop of this relay is 1 volt per ampere used. Low resistance assure proper relay operation at all times.

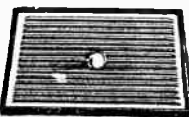
No.	Model	Volt	List	Each
96089	.....23 SA	6	\$3.50	\$2.10
96090	.....24 SA	3	3.50	2.10



YAXLEY APPROVED RADIO PRODUCTS

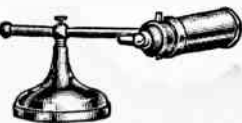
Automatic Power Control

For switching "B" Eliminator and Trickle Charger and makes your receiver a power operated set. Pure silver contacts with a wiping action assure perfect electrical connections. Thoroughly dependable.
No. 96091 Series Type No. 444. Voltage drop less than .2 volts.
List \$5.00 Each \$3.00
No. 96092 Multiple Type No. 445. No voltage drop, best for all sets.
List \$6.00 Each \$3.60



Rubber Battery Tray

Made of tough, live rubber, outside dimensions 8 1/2" wide, 12 1/2" long, 1/2" deep. Is 1/4" thick and will hold the contents of one cell of the battery.
No. 92434.....Each \$0.39
10 Lots .37



RADIO LAMP and PIANO LAMP—A Good Seller

Lamp is designed especially for use on radio sets or pianos. Base is heavily weighted and felted. Height 4 1/4", extends 10 1/2". Cylindrical shape swivels. Uses 25 watt tubular lamp. Complete with 6 ft. of silk cord, push socket and plug. 2 Finishes. Adjustable arm.

No. 93514
Brush Brass

No. 93515
Statuary Bronze

\$3.90
Each
Less 2%



READRITE STORAGE BATTERY CHARGE TESTER

A new meter that tells instantly when your "A" Battery needs charging and when charging should be discontinued. Furnished in pocket type with flexible cord. Cleanest and most convenient way of testing "A" Batteries. Nickel finish.
No. 94600.... List \$1.00 Each **60c**



READRITE POCKET METERS

Exceedingly efficient pocket instruments with silvered metal dials and nicked cases. Voltmeters are of a very high resistance and give accurate readings without draining "B" Batteries. Absolutely guaranteed.

No.	Range	List	Each
94601	Voltmeter.... 0-50	\$1.00	\$0.55
94602	Ammeter.... 0-40	1.00	.50
94603	Combination Volt and Ammeter Both.....	1.50	.75

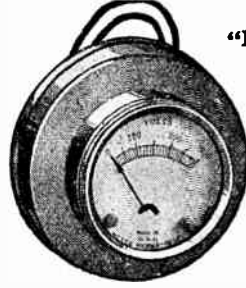


READRITE PANEL TYPE METERS

Voltmeters have high compensated resistance—from 17 to 100 ohms per volt, yet are priced low. Very accurately built and can be kept in circuit continuously. Narrow flange—Rear clamp-on style.

No	Type	Range	Each
96240	Voltmeter 310	0-10 Volt	\$0.55
96241	Voltmeter 339	0-100 Volt	.65
96242	Voltmeter 340	0-100 Volt	1.00
96243	Voltmeter 342	0-100 Volt	.75
96244	Milliammeter 311	0-10 M. A.	1.00
96245	Milliammeter 350	0-50 M. A.	.55
96246	Milliammeter 390	0-100 M. A.	.55
96865	Milliammeter 399	0-300 M. A.	.55
96866	Milliammeter 394	0-400 M. A.	.55
96867	AC Panel Voltmeter 351	0-15 Volts AC	.75
96868	AC Panel Voltmeter 352	0-10 Volts AC	.75
96869	AC Panel Voltmeter 353	0-6 Volts AC	.75

READRITE PORTABLE VOLT METER, FOR "B" Eliminator Testing



This high resistance voltmeter is used to check voltage of "B" Eliminator and "B" battery circuits. Specially built for this work. Accurately shows voltages for detector, ampl. and power tubes. Supplied with 2 cords 30" long, one black and one red to show polarity. Tips are heavily insulated.

No.	Volts	List	Each
94696	0-300	\$5.00	\$3.00
96870	0-500	8.00	3.60
96871	0-150 AC	5.00	3.00

READRITE NO. 210 TUBE CHECKER



Low cost of this efficient tube checker enables every dealer and set owner to make tests rapidly, match tubes and weed out weak tubes. Voltmeter and 10 milliamp. scale. Switch for neg. or pos. filament.

No. 94697	Set.....	List \$7.50	Each \$4.50
No. 94698	30' Cord and Plug....	List 1.00	Each 60c
No. 94699	Adapter for 299.....	List 50c	Each 30c



JEFFERSON RADIO TUBE REJUVENATOR

It is what every owner of a radio set has wanted—a radio tube rejuvenator—for home use—that will keep tubes at full efficiency at all times. For all types.

No.	Types	List	Each
93250	All Tubes.....	\$4.50	\$2.70

93278 Charges all types without removing from set..... **4.50 2.70**



JEFFERSON TUBE CHECKER

Determines exact condition of tubes. Necessary for multi-tube set owners. Universal socket fits all tubes except 299. (Use adapter.) Very accurate.

No.	List	Each
93287.....	\$4.50	\$2.70

BATTERY CABLE



5 and 7 Wire—Rubber Belted
Stranded cotton covered separately colored cable with a protecting rubber belted cover eliminating frayed and ragged edges, fine appearance. Without terminals.

Each size has two No. 18 conductors. In 6 foot lengths only.

No.	Each	10 Lots
93064	Five Conductor.....	47c
93086	Seven Conductor.....	55c

5 and 7 WIRE—Cotton Covered With Lugs

Stranded colored conductor 5 foot lengths. Complete with lugs ready to use.

No.	Each	10 Lots
91622	Five Conductor.....	20c 19c
91633	Seven Conductor.....	34c 32c

On Spools

Battery Cable, the same as shown above, except without lugs. Can be cut in any lengths as desired. Keep a large coil—it comes in handy for installations.

No.	Per Foot	100 Ft. Lengths
1621	Five Conductor.....	4c \$3.15
1646	Seven Conductor.....	5c \$3.90



MUZZLE CAP—Stops the Howl

This all-metal cap stops all howls on detector and audio tubes. Also stops vibration of filament. Two types.

No.	Type Tube	List	Each	5 Lots
94680	300A, 301A, 112, 371..	\$0.25	\$0.16	\$0.15
94681	299, 220.....	.25	.16	.15

McDONALD HOWL ARRESTER

A simple means of stopping microphone noises. Made of rubber which covers the glass of tube. 10 packed in display carton.

No.	Type	List	Each
94128	301A Tube.....	.75c	45c
94129	299 Tube.....	.75c	45c

UNIVERSAL BATTERY and RADIO CLIPS



Pee Wee Nickel Plated
Jaw Spread $\frac{3}{8}$ " Length $1\frac{1}{2}$ "
No. 91861
Each 3½c 10 Lots 3c 100 Lots 2½c

Nickel Plated—Large Size
Jaw Spread $\frac{1}{2}$ " Length $2\frac{1}{4}$ "
No. 98162
Each 8½c 10 Lots 7½c 100 Lots 7c



Lead Plated—Small Size
Jaw Spread $\frac{3}{8}$ " Length $1\frac{1}{2}$ "
No. 91868
Each 4½c 10 Lots 3½c 100 Lots 3¾c

Lead Plated—Large Size
Jaw Spread $1\frac{1}{2}$ " Length $2\frac{1}{4}$ "
No. 91863
Each 7c 10 Lots 6c 100 Lots 5½c

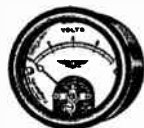


Lead Coated
Jaw Spread $1\frac{1}{2}$ " Length $3\frac{1}{2}$ "
No. 91860
Each 14c 10 Lots 12c 100 Lots 11½c



Walton Clips

Heavily lead-coated. Furnished with minus or plus signs.
No. 91897
Jaw Spread $\frac{3}{8}$ " Length $1\frac{1}{2}$ "
Each 6c 10 Lots 5½c
No. 91898
Jaw Spread $1\frac{1}{2}$ " Length $2\frac{1}{4}$ "
Each 7½c 10 Lots 7c



JEWELL METERS

Jewell instruments are known for their precision manufacture and accurate performance. Jewells give you right readings.

PANEL MOUNTING

Type No. 135-2 Inch Instrument, Special rear Mounting

No.	Rating	Model	List	Each
94836	0-5 Volts.....	135	\$7.00	\$4.55
94837	0-8 Volts.....	135	7.00	4.55
96411	0-150 Volts.....	135	7.50	4.87
96412	Double Reading, 0-7½-150...	135	8.50	5.53
94660	10 Milliamp.....	135	7.00	4.55
94661	25 Milliamp.....	135	7.00	4.55
94662	50 Milliamp.....	135	7.00	4.55

TYPE NO. 135B COMBINATION VOLTMETER

Case 2", overall 2¼" with special rear mounting.

No.	Rating	List	Each
94663	0-7.5-150 Volts.....	\$9.00	\$5.85

TYPE NO. 53, 2¼" CASE

Popular for supers and all larger sets. Flange 3¼".

No.	Rating	List	Each
94838	0-5 Volts.....	\$7.50	\$5.63
94839	0-10 Volts.....	7.50	5.63
94840	0-150 Volts.....	9.50	7.13
94841	10 Milliamp.....	7.50	5.63
94842	25 Milliamp.....	7.50	5.63
94843	50 Milliamp.....	7.50	5.63

TABLE VOLTMETERS

Useful for laboratory work and general testing. 0-7.5 and 150 volts.

No.	Rating	List	Each
94671	0-7.5 and 150 Volts.....	\$12.50	\$9.27



JEWELL NO. 116 FOR "B" ELIMINATORS. Checks delivered voltages of "B" El. or power supplies. 0-50-250 volts. High resistance.

No.	Rating	List	Each
94672	0-50-250 Volts.....	\$25.00	\$18.75



JEWELL High Resistance VOLTMETER Pattern 139

A small high-resistance Voltmeter of the D'Arsonval type suitable for checking and adjusting "B" Eliminator voltages. High-grade instrument. Scale range, 0-300 Volts.

No.	Rating	List	Each
96413	0-300 Volts.....	\$12.00	\$7.80



HOME METERS

A beautiful portable resembling mantel clock with two leads for plugging in for Radiola, Victor and Brunswick. Used also for checking batteries.

No.	Rating	List	Each
94664	0-7.5 and 150 Volts.....	\$10.00	\$6.50

PIN-JACK VOLTMETER with adjustable pins. No. 135A.

No.	Rating	List	Each
94665	0-5 Volts.....	\$7.50	\$4.87



JEWELL POCKET METERS

A moderate priced meter, that is of invaluable aid to any radio owner. Built to give lasting service.

No.	Type	List	Each
94666	0-50 Volts.....	\$2.75	\$1.68
94667	0-40 Amp.....	2.00	1.30

JEWELL TUBE TESTERS

Jewell Tube Testers are the accepted standard and are indispensable in radio work. A type for every need.



JUNIOR TUBE CHECKER for 3 and 5 volt tubes. Ideal for the home and shop. With cord, plug and adapter. Pattern No. 107.

No.	Rating	List	Each
94668	3 and 5 Volt Tubes.....	\$12.50	\$8.12

JEWELL NO. 110 for rapid checking and weeding out tubes.

No.	Rating	List	Each
94669	3 and 5 Volt Tubes.....	\$35.00	\$26.25

JEWELL SERVICE TEST SET. Tests tubes, batteries, "B" Eliminators, circuits, etc. Complete. Pattern No. 117.

No.	Rating	List	Each
94670	Service Test Set.....	\$78.00	\$58.50

JEWELL SET ANALYZER

Provides rapid means of shooting trouble in a radio set. Grid, plate and filament conditions of all tubes thoroughly analyzed. Combination scale readings are 0-8-80-200 Volts and 0-20 Milliamp. Morocco leather covered case with handle. Pattern No. 133.

No.	Rating	List	Each
96414	Set Analyzer.....	\$65.00	\$48.75



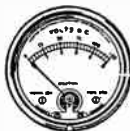
PORTABLE TUBE CHECKER

Extremely compact assembly. Filament voltmeter reads 8 volts, allowing even testing of 310 tubes. 8 and 40 Milliamp. With complete charts. Pattern No. 115.

No.	Rating	List	Each
96415	Portable Tube Checker.....	\$27.50	\$20.62



WESTON METERS



WESTON PANEL VOLTMETER Model 506 2 Inch

The WESTON has extraordinary high internal resistance reducing drain to a minimum. Permanent accuracy assures economical operation of tubes. Standard case is finished in dull black Japan. Fastens flush to panel by means of narrow flange and clamp.

No.	Type	Binding-Posts Volts	List	Each
92700	Single Range.....	2	5	
92701	Single Range.....	2	8	\$7.00 \$4.55
92702	Single Range.....	2	50	
92703	Single Range.....	2	150	
92709	With Push Button Double Range.....	3	7½-150	9.00 5.85
92771	Without Push Button Double Range.....	4	7½-150	8.25 5.36
96873	Milliammeter.....	10 M. A.	7.00	4.55
96874	Milliammeter.....	25 M. A.	7.00	4.55
96875	Milliammeter.....	50 M. A.	7.00	4.55

WESTON PIN JACK VOLTMETER

Two instruments in one. The Pin Jack voltmeter can be plugged into the set for filament voltage, and used with high resistance stand to measure battery voltage up to 160 volts.

No.	Rating	List	Each
92755	Without Stand.....	\$ 7.50	\$4.87
92756	With High-Resistance Stand.....	10.00	6.50

WESTON A. C. VOLTMETERS

Matched in size Model 506 (2-inch).

No.	Range	Model	List	Each
96317	1½ Volts.....	517	\$ 8.00	\$6.00
97081	10 Volts.....	517	8.00	6.00
97082	15 Volts.....	517	8.00	6.00
96318	150 Volts.....	517	10.00	7.50

WESTON MODEL 489 TABLE VOLTMETER

Double Range 0-7½ and 0-150

This dependable voltmeter is indispensable for the proper operation and testing of sets. Case made of BAKELITE. For demonstrating batteries in your store.

No.	Rating	List	Each
92704	0-7½ and 0-150 Volts.....	\$13.50	\$10.12

No.	Rating	List	Each
96872	Double Range 200/8	\$13.50	\$10.12

WESTON Eliminator VOLTMETER

The Model 489 is made with high internal resistance and ideal for eliminator work. Supplied with pair of 30' flexible cables and pin jacks.

No.	Rating	List	Each
95089	200/8 Volts.....	\$28.00	\$21.00
95090	250/50 Volts.....	28.00	21.00

WESTON Model 519 RADIO SET TESTER

Compact, Portable Test Set that is very useful in locating circuit troubles, testing tubes and testing all battery and battery eliminator voltages. 3 Voltage ranges, 200/80/8 volts and 20 Milliamps. Each test set is accompanied by instructions for making all necessary tests.



No.	Rating	List	Each
96319	Radio Set Tester.....	\$75.00	\$56.25

BELDENAMEL AERIAL WIRE



Beldenamel Wire is the accepted standard. Each individual strand is enameled separately and is impervious to weather, fumes or smoke. The enamel forms

a permanent coating which prevents corroding. Packed in individual cartons. 100-ft. coils.

- No. 94500—Stranded 7 No. 22—
List, \$1.00 Each, \$0.60
- 1,000 Foot Spools of 7-22 Stranded
No. 94501... List \$10.00 Per Spool \$6.00
- No. 94502—Stranded 16 No. 28—
List, \$0.90 Each, \$0.54
- No. 94503 Solid No. 12
List \$1.15 Each 69c
- No. 94504—Solid No. 14—
List, \$0.80 Each, \$0.48

BELDEN BARE COPPER WIRE

- No. 94505 7-22 Bare, Hard Copper.
100 Ft. Coil. List 65c Each 39c
- IN 1,000 FT. SPOOLS
7-22 Bare, Hard Copper
- No. 97104 1,000 Ft. Coil—
List \$7.00 Each \$4.20

INDOOR AERIAL AND LOOP WIRE

A flexible covered wire designed for indoor aerials and winding radio loops. Does not stretch or sag. Overall covering is cotton or rayon. Metal spools in individual cartons. 125 ft.

- No. 94512—Maroon Cotton, 125 ft.—
List, \$1.00 Each, \$0.60
- No. 94513—Brown Rayon, 125 ft.—
List, \$1.75 Each, \$1.05

BELDEN LEAD-IN AND GROUND WIRE

In individual cartons of 50-ft. lengths. Tinned copper makes soldering easy. Good rubber insulation, 1/4 in. thick. 50-ft. coil.

- No. 94514—No. 16 Solid, 50 ft.—
List, \$0.60 Each, \$0.36
- No. 94516—No. 14 Stranded, 50 ft.—
List, \$1.00 Each, 60c



BELDEN FLAT FLOOR CORD

Is rubber insulated extension cord which lies flat under the rug. Makes ideal connection for floor lamps, radio power units, electric phonographs, heaters, etc. 4 Ft. cord to outlet.

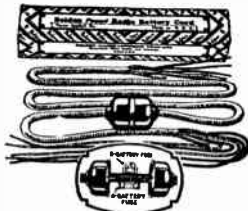
- | | | | |
|-------|---------|--------|--------|
| No. | For Rug | List | Each |
| 97077 | 12 Ft. | \$1.85 | \$1.23 |
| 97078 | 9 Ft. | 1.65 | 1.10 |
| 97079 | 6 Ft. | 1.45 | .97 |

MASTER-CRAFT Tube Rejuvenator

Not an experiment, but a proven tube rejuvenator that operates directly from your "B" battery. Accommodates any type of tube base without attachments or adaptors. It's new, novel and necessary.

- No. 96405
List \$1.00 Each 65c 6 Lots 60c

Belden



Belden Fused Battery Cord

Eliminates danger of blowing out tubes and fire hazard in addition to the usual unsightly condition of tangled

wires. Five or seven conductors, color-coded, braided together and fuse for both A and B circuits in bakelite shield, which opens in center for inspection. It is dipped in solder convenient for any type of binding post. Complete with fuses. Length 6 ft.

- No. 94520—5 Conductor, 6 ft.—
List, \$1.50 Each, \$0.90
- No. 94521—7 Conductor, 6 ft.—
List, \$1.65 Each, \$0.99

Belden Replacement Fuses

- Carton contains 3 fuses.
- No. 94522—For "B" Battery—
List, \$0.80 Each, \$0.48
- No. 94523—For "A" Battery—
List, \$0.40 Each, \$0.24

BELDEN BATTERY CORD

Flexible, stranded, 5-conductor battery cord, individually insulated with color-rubber and color coded. A tremendously popular item and extensively advertised. Individual cartons.

- No. 94524—Length 6 feet—
List, \$0.60 Each, \$0.36
- No. 94525—Length 4 1/2 feet—
List, \$0.40 Each, \$0.24

7-CONDUCTOR CABLE

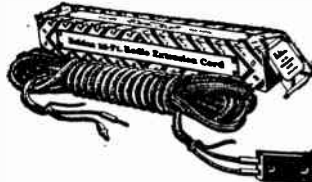
- No. 96106 Length 6 Ft.
List 75c Each 45c
- No. 96107 Length 4 1/2 Ft.
List 55c Each 33c

BELDEN BATTERY CABLE

A 5 or 7-conductor cable same as above, insulated with color-rubber and glazed cotton braid. Excellent for your installations. Spools of 100 ft.

- No. 94526—5 Conductor, 100 ft.—
List, \$7.75 Each, \$4.65
- No. 94527—7 Conductor, 100 ft.—
List, \$10.00 Each, \$6.00

BELDEN LOUDSPEAKER EXTENSION CORD



25 Ft. Extension Cord with handy bakelite connector. Color rubber insulation prevents leakage.

- | | | | |
|---------------------|--------|--------|------|
| No. Connector | Length | List | Each |
| 96108 With..... | 25 Ft. | \$1.20 | 72c |
| 96109 Without..... | 5 Ft. | .30 | 18c |
| 97105 Spade Tip.... | 5 Ft. | .30 | 18c |

Belden Radio Replacement Cord

- 5 Ft. Headset Cords. Attractive individual cartons.
- No. 94529 With Pin Terminals on both ends
List 50c Each 30c
- No. 96110 With Spade Terminals on phone ends.
List 50c Each 30c



BELDEN AERIAL KITS

Belden now supplies 3 distinct Aerial Kits, everyone of which is unique in its class. Dealers should stock these fine kits, as there is a big consumer demand for every kind offered by

- Belden. Each kit is made up of high-grade parts.
- No. 96111 BELDENAMEL Kit
List \$3.75 Each \$2.25
- No. 96112 BELDEN JUNIOR Kit
List \$2.75 Each \$1.65
- No. 96113 BARE COPPER Kit
List \$2.50 Each \$1.50

BELDEN TIPS AND LUGS



Exceptionally well made terminals, packed in sealed envelopes. Belden Terminals are always in demand. Keep them in stock for ready sales.

- No. 94531—Nickel-plated Brass 4—
Per Envelope... Each, \$0.03
- No. 94532—Tinned Brass 25—
Per Envelope... Each, .03
- No. 94533—Tinned Copper 25—
Per Envelope... Each, .03



NEW CODE GROUND CLAMP

Made of heavy copper, fully approved. Two sizes.

- No. 90246
1/2 in. to 1 in.
Each, 4c Per 100, \$3.20
- No. 90247
1/2 in. to 2 in.
Each, 6c Per 100, \$4.95



EKKO GROUND CLAMP

Makes perfect ground connection on any pipe up to 1 1/2".

- No. 92599
List, \$0.25
Each

15c



SPRING AERIAL

Spring aerials are in big demand. This one is made of a fine quality of brass and stretches to nearly 100 feet in length.

- No. 91599
Each, 10
39c Lots, 36c



WIRT LIGHTNING ARRESTER

Made of brown bakelite and brass parts. Provided with petticoat to insure ample insulation. Heavy brass screws furnished for mounting. An exceptionally good instrument.

No. 91785 List, \$1.00 Each, \$0.60 5 Lots, \$0.55



APPROVED LIGHTNING ARRESTER

For Outdoor and Indoor use. 3 1/4" long. Air-gap type is positive in action. Brown porcelain.



No. 91783 List \$0.35 Each \$0.21

GUARDIAN APPROVED LIGHTNING ARRESTER

Waterproof barrel construction with cleanable carbon brushes. Brown porcelain shell 4 1/4" long. The ultimate in quality.

No. 91784 List, \$0.75 Each, \$0.45

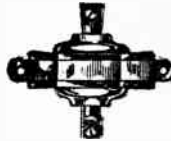


Belden LIGHTNING ARRESTER

Air gap type. Thoroughly sturdy and reliable for installation either inside or out-of-doors. Approved by Underwriters.

No. 96124 List 85c Each, 51c

KEYSTONE LIGHTNING ARRESTERS



Fully approved arrester of the air-gap type. Binding posts are moulded in a genuine bakelite housing, the two halves of which are sealed, making the arrester weather proof, dust proof and damp proof. Small in size, attractive in appearance and absolutely effective.

No. 91673 List, \$1.50 Each, \$0.89



"LITTLE JOE" LIGHTNING ARRESTER

Expressly designed for outdoor use, but can be used inside as well. Has porcelain case with brass binding posts. An efficient and durable instrument. Guaranteed to be as good as any protector made.

No. 91656 Each, \$0.80 10 Lots, \$0.75

Approved by Underwriters.



JEWELL LIGHTNING ARRESTER

Glazed porcelain case for indoor or outdoor use. Easily mounted. Approved by Underwriters.

No. 94673 List, \$0.75 Each, \$0.48



IMPROVED LIGHTNING ARRESTER

An indoor or outdoor arrester of the air-gap type. Sealed up in porcelain case. Easily installed and affords complete protection. Approved by underwriters. List price 50c.

No. 91672 Each, \$0.11 10 Lots, \$0.10



3-Inch Glass Insulator

Perfect insulation is assured by glass insulators. A very popular seller. Eye-let on each end for fastening wire. Length, 3 in.

No. 91632... Each, 6c 10 Lots, 5c 100 Lots, \$4.65

COMPOSITION AERIAL INSULATORS

Brown composition with galvanized iron "eyes" firmly moulded in place.



Length	Each	25 Lots	Per 100
No. 91576 2 in.	\$0.05	\$0.04 1/2	\$3.95



PORCELAIN INSULATORS

Porcelain is and always will be the ideal insulator. Our stock of these insulators is large. Send us your orders.

No. 91625 500 Lots



No.	Length	Each	10 Lots	Per 100	Per 100
No. 91625	2 1/2"	\$0.02 3/4	\$0.02 1/2	\$2.35	\$2.10
No. 91630	3"	.05	.04 1/2	3.85	.....



WIRT INSULATOR

This wall insulator is made of brown glazed porcelain. Bracket provides rigid fastening. Heavy brass screws furnished for mounting.

No. 91782... List \$0.35 Each \$0.21 10 Lots \$0.20



PORCELAIN RADIO KNOBS

Sturdy, well-built Porcelain Knobs, which are mounted on heavy galvanized screws. Strong and of lasting quality. Ideal for

aerials and lead-in.

No.	Porcelain	Screw	Each	Per 100
90171	Small	1 1/2 in.	\$0.04	\$3.40
90174	Small	6 in.	.05	4.60
90119	Large	2 1/4 in.	.10 1/2	9.85



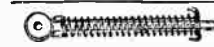
FEDERAL PORCELAIN NAIL KNOBS

These knobs are exceptionally sturdy and tough; made of high grade glazed porcelain.

Used to run the lead in from the aerial.

No.	Each	Per C	Per M
90101 Nail Knob	\$0.01 1/2	\$1.22	\$10.75
90106 Solid	.01	.85	7.65

We can supply porcelain tubes and cleats at low prices. Write us for prices.



RAYMOND AERIAL SHOCK ABSORBER

Spring to attach to outside aerial. Very strong. Take up extra load or where aerial is attached to tree.

No. 96943 List 50c Each 30c

TALKING TAPE



An inconspicuous indoor aerial; fits anywhere and easy to put on. Woven in cotton webbing, golden color. Equipped with clip.

No.	Length	List	Each
91597	100 ft.	\$1.00	60c
91598	50 ft.	.60	36c

MARCO ANTENNA TAPE



Stranded and insulated tape aerial for indoor use. Very efficient.

No.	List	Each	Lots
93487	\$0.60	39c	36c

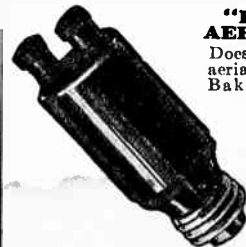


MUTER ANTENNA PLUG

Muter plug gives you noiseless reception from your light socket. Simply screw in light socket.

No. 93424 List 60c

Each **36c**



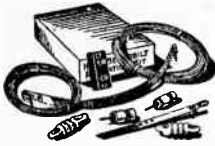
"DUCON" AERIAL PLUG

Does away with aerials. Moulded Bakelite. Gives excellent results. Plugs in any lighting circuit. The Ducan Plugs sell consistently well.

No. 91640 List \$1.50 Each **90c**

AERIAL KITS

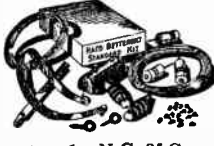
REGULATION KIT



Contains 1—100 Ft. Bare Wire 7/24. 1—50 Ft. Plain R. C. Wire 14. 1—Special Lead-in. 1—Improved Lightning Arrester. 1—N. C. 2' Ground Clamp. 2—2½" Porcelain Insulators. 2—Nail Knobs.

No. 91795 Complete Kit List..\$1.50
Each **\$0.87** 10 Lots **\$0.85**

STANDARD KIT



Contains 1—100 Ft. Bare Wire 7/22. 1—50 Ft. Plain R. C. Wire 14. 1—Muter Lead-in 15". 1—Muter Guardian Lightning Arrester. 1—N. C. 2' Ground Clamp. 2—3" Porcelain Insulators. 3—Porcelain Nail Knobs. 2—Screw Eyes. 20—Insulated Staples.

No. 91796 Complete Kit List \$2.45
Each **\$1.39** 10 Lots **\$1.35**

DE LUXE KIT



Contains 1—100 Ft. Coil Enameled Wire 7/22. 1—50 Ft. R. C. Wire No. 14. With Braid. 1—25 Ft. 18 Cotton Wire. 1—Electrad Lead-in. 18½". 1—Wirt Arrester. 1—Ekko Ground Clamp. 2—3" Glass Insulators. 2—6" Screw Stand-Off Porcelain Insulators. 3—Porcelain Nail Knobs. 4—Screw Eyes. 20—Insulated Staples.

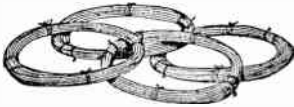
No. 91797 Complete Kit..List \$3.90
Each **\$2.39** 10 Lots **\$2.29**

YOU SAVE MONEY BY USING OUR COMPLETE KITS—YOU'LL SELL THEM FAST

AERIAL WIRE

At Amazingly Low Prices

100 Foot Coils



Full Length Guarantee

Quantity buying of wire enables us to quote lowest prices to radio dealers on high class Aerial wire. Full 100 Ft. coils. Immediate shipment.

BARE COPPER AERIAL WIRE

100 Ft. Coils

No.	Per Coil	10 Coil Lots
91582 7-24 Stranded.....	26c	24c
91581 7-22 Stranded.....	37c	35c
91580 Solid No. 14.....	27c	26c

STRANDED ENAMEL AERIAL WIRE

No.	Per Coil	10 Coil Lots
91575 7-24 Stranded.....	35c	33c
91577 7-22 Stranded.....	50c	48c

50 LB. REELS ENAMELED

91583 7-24 Stranded, per Reel (50 LBS.).....	\$17.95
91592 7-22 Stranded, per Reel (50 LBS.).....	16.00
Reels Returnable Prepaid for Credit.....	Each 2.50

INSULATED LEAD-IN WIRE

Rubber Covered Without Braid

No.	Size	Type	50 FT. COILS		1,000 Ft. Spools
			Each 10 Lots	Spools	
91566	18	1-64 Stranded	23c	21c	\$3.50
91567	16	1-32 Stranded	31c	29c	4.70
91874	14	1-32 Solid	29c	27c	5.95

Genuine New Code No. 14 R. C. With Braid

91873	14	1-32 Solid	36c	34c
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HIGH GRADE BELL WIRE

With double wrapping of cotton wound in opposite direction on solid No. 18 wire. Colors do not fade. A handy article for all-purpose wiring.

No.	Per 100 Pkg.	Lots
90947 ½-lb. single...	19c	18c
90948 1 lb. single...	37c	35c

GENUINE BLAKE INSULATING STAPLES

Recognized as the finest staples on the market.

No.	Blake No.	Size	Per 100	Per 1000
95330	1	½ in.	18c	\$1.70
95331	3	¾ in.	19c	1.70

RADIO MAST FIXTURES



Sold complete or in four separate parts, viz.: The pipe which is a 10-foot length of ½-inch standard size. The Mast Pipe Pulley Cap, which fits top of pipe and has four holes for guy wires. The Guy Wire Collar used in middle of pipe for fastening guy wires. The Universal Mast Head which is adjustable and fits either a gable or flat type roof. Makes a permanent and substantial aerial support. Heavy malleable iron.

	Each
92579 Complete Outfit ½".....	\$1.08
92578 Pulley Cap, Collar and Base.....	.58
92558 ½" Pipe 10 ft.....	.60
92569 ½" Pulley Cap only.....	.21
92568 ½" Collar only.....	.09
92567 ½" Base only.....	.30

LEAD-IN LIGHTNING ARRESTER



The Swan-Haverstick combination lead-in and arrester does away with more trouble connections. Knife-type terminal clips which grip tight and rub clean at same time. No. 96876.....List 60c Each 36c

WINDOW LEAD-INS

SPECIAL WINDOW LEAD-IN

Insulated lead-in with Fahnestock type clips:

No.	Each	10 Lots	Per 100
91870	\$0.05	\$0.04½	\$4.25

MUTER WINDOW LEAD-IN

R. M. A. standards. Impregnated tape, Fahnestock clips, 15" long.

No. 93435	Each, \$0.12	10 Lots, \$0.11½	Per 100, \$10.95
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ELECTRAD WINDOW LEAD-IN

Highly impregnated tape with wide tinned copper strip soldered Fahnestock clips, 18" long, ½" wide.

No. 91872	List.....\$0.40	Each.....\$0.24
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CAGE ANTENNA



An improved aerial that adapts itself to a variety of locations—Roof-top, Window ledge, against the wall, anywhere on the outside. The universal bracket is adaptable to any position. Made of finest material with genuine bakelite parts. 100% insulated and absolutely weatherproof. You can sell this fine aerial with the positive assurance that it will greatly improve ordinary reception.



Much handier than wire. 100 ft. aerial wire. Complete 6 ft. high.

No. 96120	List.....\$10.00
Each.....	\$6.00
Less 2% or.....	

\$5.88
Net



SUPER BALL ANTENNA

The latest type of aerial, built according to most advanced principles for receiving all wave lengths. The spherical aerial is admitted to be the best form for radio reception. Will greatly improve selectivity of your set. Will help you get stations you never had before. Made of aluminum alloy. Ideal for all purposes and prevents tangled up wires on top of apartment buildings. A scientifically designed product, carefully engineered in every detail. "Skin Surface" is equal to 85 ft. of ordinary aerial wire and two plate ball condenser tends to neutralize the impedance to high frequency current. The SUPER BALL presents some real merchandising possibilities to you. Display stand supplied free.

No.	List	Each	6 Lots
92564	SUPER BALL alone \$10.00	\$6.67	\$6.00
92565	SUPER BALL with 10 ft. 1/2 in. Pipe, 1 in. base, 1/2 in. guy wire collar....	\$6.81	Less 2%
SUPER BALL ACCESSORY KIT			
Consists of 50 ft. lead-in R. C. wire No. 14, 50 ft. Copper Guide Wire, Ground Clamp, Brach lead-in, nail knobs, screw eyes and 10 ft. of pipe.			
No. 92589	.....	Each \$2.92	6 Lots \$2.70

BIRNBACH CORDS AND CABLES



A complete line of high-grade cords and cables which answer every purpose. Packed in individual cartons.

No.	With Connector	Length	List	Each
96151	10 Ft.	\$0.75	\$0.45
96152	20 Ft.	1.00	.60
96153	30 Ft.	1.40	.84
96154	50 Ft.	2.20	1.32
96155	100 Ft.	4.20	2.52
96156	Connector only.....		.30	.18

REPLACEMENT CORD Loud Speaker Cord, 5 Ft. Long

No.	Type	List	Each
96157	Pin Tips, both ends.....	.350	21c
96158	Spade and Pin Tips.....	.350	21c

Headset Cords, 5 Ft. Long

96159	Pin Tips, both ends.....	.50c	30c
96160	Spade and Pin Tips.....	.50c	30c



BIRNBACH BATTERY CABLE COLORED RUBBER

Made of flexible stranded conductors. Soldered lug terminals. Each conductor separate solid color. Packed in individual cartons. 5/4 inch and 10 feet long. For use in connecting A, B and C batteries or eliminator to set.

No.	Length	Each	No.	Length	Each
5 Conductor	96161 54 In.	30c	96167	10 Ft.	\$0.65
6 Conductor	96162 54 In.	36c	96168	10 Ft.	.93
7 Conductor	96163 54 In.	42c	96169	10 Ft.	1.11
8 Conductor	96164 54 In.	51c	96170	10 Ft.	1.29
9 Conductor	96165 54 In.	60c	96171	10 Ft.	1.47
10 Conductor	96166 54 In.	69c	96172	10 Ft.	1.65

RADIO BATTERY CONNECTOR

Made of flexible stranded wire with soldered lug terminals for connecting Dry Cell Batteries. Carton of 25.

No.	Length	Each	Per 25
BIRNBACH 96173	..... 3 In.	3c	60c
96174	..... 6 In.	4c	75c
96175	..... 12 In.	5c	93c

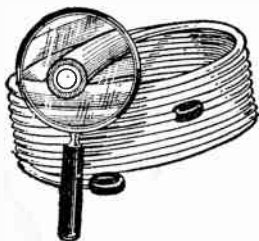
BIRNBACH BAKELITE POST STRIP



A new convenient strip for sub-panel mounting with 9 characters engraved.

No. 96176..... Complete Each 39c

SUB-ANTENNA



Every Night a Good Radio Night—Now an Actuality

Subantenna, simple though it is to install and to use, is a more complicated device than a glimpse of it suggests. Subantenna is not just a wire that you bury in the ground. Rather, it is a special kind of insulated copper wire hermetically sealed in a lead sheath, and having, in two electrically calculated places, scientifically designed "building-up" coils. The design of Subantenna which makes for its remarkable performance, is the subject of a patent now pending.

Increases the Distance—Getting Capabilities of any Set.

No. 97084 List, \$12.50. Each \$7.50 Less 2% or..

\$7.35
NET

PARAGON Radio Ground Master



The Paragon Radio Ground Master is the perfect radio ground. The walls are made of heavy solid sheet copper rolled into shape of a truncated cone. Twenty feet of heavily enameled "lead-in" wire is provided and its connection to the ground is made by two heavy spot welds. The interior is filled with pure grain charcoal, which absorbs and holds moisture.

Grounds made to radiators or water pipes are practically nothing but "counter-poles" utilizing the piping of the entire building and resulting in broadness, excessive static and interference. Paragon ground bears the unqualified endorsement of the foremost engineers of the country. Approved by Underwriters. Easy to install, 12 inches high, 4 inches diameter at base.

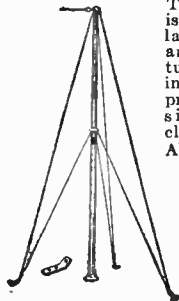
No. 95087

List \$5.50 Less 40% or

\$3.30
Less 2%

Increases Volume and Selectivity Reduces Static and Interference

PREMAX RADIO MASTS

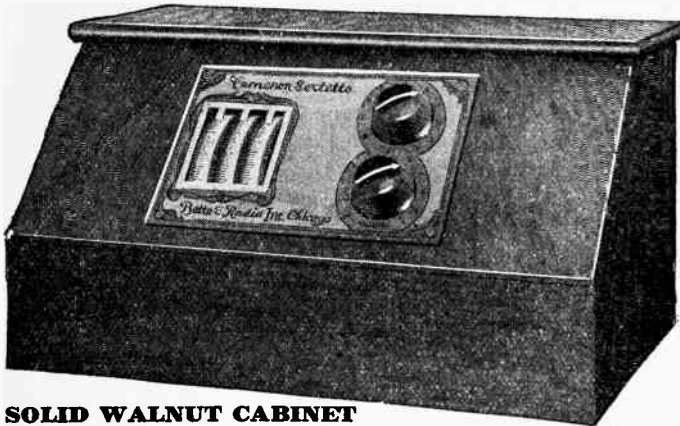


This Radio Mast is complete to the last detail and fits any roof. Made of tubular, telescoping steel sections, provided with a simple, secure clamping device. All steel parts are PARKERIZED and finished with attractive durable lacquer. Packed singly with 50 ft. of galvanized guy wire and 3 special anchors.

No.	Full Extended Length	List	Each
96040	7 Feet	\$2.00	\$1.20
96041	10 1/2 Feet	3.00	1.80

PARTS and KITS of the better approved type are shown in the back Section Pages 54-80

CAMERON Sextette



SOLID WALNUT CABINET

THE CAMERON, with a circuit employing 6 tubes, comes in a compact solid mahogany cabinet, that is beautifully finished and of dignified and simple appearance. The bronze control plate has a dark statuary bronze finish and all controls are mounted directly on it. You never had a set that is as easy to tune and operate.

MARVELOUS PERFORMANCE

The three stages of radio frequency amplification enable the user to reach out all over the country and pick up all broadcasting stations. Two stages of audio amplification not only give great volume but also remarkable tone quality. The Cameron combines very remarkable features and is an outstanding value. Cabinet 13 3/4 in. wide 9 in. high and 10 in. deep.

CAMERON SEXTETTE
6-Tube Stock No. 90561
Each \$18.30 Less 2% or

\$17⁹⁴
NET



CAMERON SEXTETTE HIGHBOY CONSOLE MODEL

THE CAMERON SEXTETTE HIGHBOY is a combination of outstanding beauty, amazing value and superb performance. The console is made of genuine 5-ply walnut veneer in a beautiful two-tone finish. It has a fine built-in speaker with genuine Utah unit. The battery compartment provides ample room for all batteries, etc. Height 45 in., width, 25 in., and depth 14 in. The well proportioned carved legs, the substantial drop door and the attractive grill give this Highboy substantial and attractive appearance.

No. 90562
Each \$40.75
Less 2% or

\$39⁹⁴
NET



A RICHLY FINISHED CONSOLE

This fine Highboy has a genuine birdseye maple overlay on grille, genuine inlay on drop door and special treatment finish of high-light walnut. The built-in Wood Speaker is supplied with the famous Utah Unit. Ample space for all batteries and chargers. Accommodates Radio Set 21 in. long, 9 in. high, 10 1/4 in. deep or any set of smaller dimensions. A stunning value at the special price we are quoting. Outside measurements of console: Length 25 in., Height 48 in., Depth 14 1/4 in.

No. 92580 Complete with Unit
Each \$30.45 **\$29⁸⁴**
Less 2% or NET

Sterling METERS

Sterling Meters are well designed and are a great help in general radio work. Sterling are popular meters and demanded by the public. All models are shipped with full instructions. Finished in dark green with nickel trimmings.



STERLING "HOME" TUBE TESTER R-411

Tests all large tubes including 300A, 112 and 371. Shows amplifying value of tube, whether "good", "fair" or "poor". No computations. Excellent for dealers' counter.

No. 97030 List \$7.50 Each \$4.50



COMBINATION TUBE TESTER AND REACTIVATOR R-409 A.C.

Operates from 110 volt 60 cycle line. Tests all tubes and reactivates those that are thortlated. Rheostat sets voltage at 3 and 5 volts. Filament emission meter 0-100 scale.

No. 97031 List \$30.00 Each \$18.00

UNIVERSAL "B" TESTER-410

Built for service man to determine "B" filament output. Complete characteristic curve of power performance. 0-300 wats, 6-100 Mill. Easy to carry Complete.

No. 97032 List \$30.00 Each \$18.00



STERLING D. C. VOLTMETER

Model R-415 is especially designed for the dealer. Has high resistance and is accurate. Scale 0-3000 volts. "B" eliminator work.

No. 97033 List \$8.50 Each \$5.10



A. C. VOLTMETER R-417 Tests any A. C. Circuit up to 150 volts. Indispensable for A. C. set testing.

No. 97034 List \$7.50 Each \$4.50



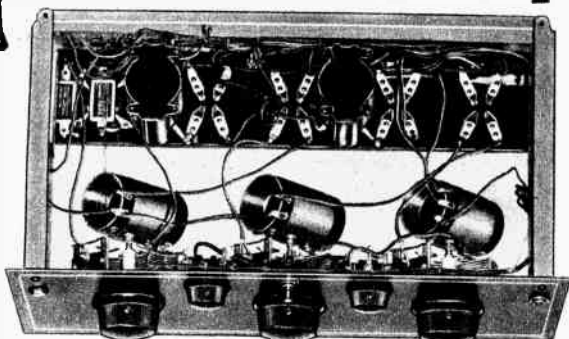
HOWE CRYSTAL SET

A very fine instrument that requires only a pair of head phones and aerial to give you local reception. Radius about 25 miles. This crystal set is very well designed and assures splendid reception at a minimum of expense. There is always a popular demand for an instrument of this kind.

No. 97029 List \$1.75
Each \$1.13
Less 2% or

\$1¹¹
NET

Brunelli-Jones RADIO



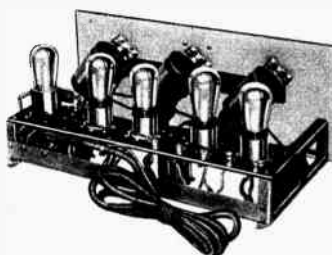
Here you can see the heavy R. F. Coils, the Erla Audio transformers, the heavy socket contacts, the metal frame---and other high grade features in design---found only in the best radio sets made.

The 5-tube Brunelli-Jones receiver is now in its second year of success. A good substantial, fine performing, satisfactory, all-around radio set. The parts used in the Brunelli-Jones receiver are the finest obtainable. The circuit used is tuned radio frequency. The two stages of radio frequency, one detector and two stages of audio frequency amplification. The audio transformers are genuine Erla which accounts for the fine tone quality of the Brunelli-Jones. For a 5-tube set the Brunelli-Jones has wonderful distance range. Of the thousands of owners of this radio many report getting stations from coast to coast. The tone is amazing in its life-like fidelity of reproduction due to the Erla transformers used. Because of the three dial control the selectivity is such that any stations can be tuned out if interfering. So many dealers found the Brunelli-Jones such a satisfactory performer that we are continuing with them this year. The new low price quoted on this page makes the Brunelli-Jones one of the greatest bargains ever offered to the radio trade.

Thousands of people not able to afford higher priced radios are prospects for the Brunelli-Jones. Get after this market by featuring the Brunelli-Jones, a sure enough bargain, at the low prices quoted on this page. More than a bargain because the Brunelli-Jones gives such remarkably satisfactory service that every owner is a booster.

NEW LOW PRICES

All Console Combinations Drastically Reduced. See Pages 36 - 45.



This underneath view will give you a good idea of the workmanship, the design and the rugged strength of the Brunelli-Jones chassis.

Brunelli-Jones Chassis Only

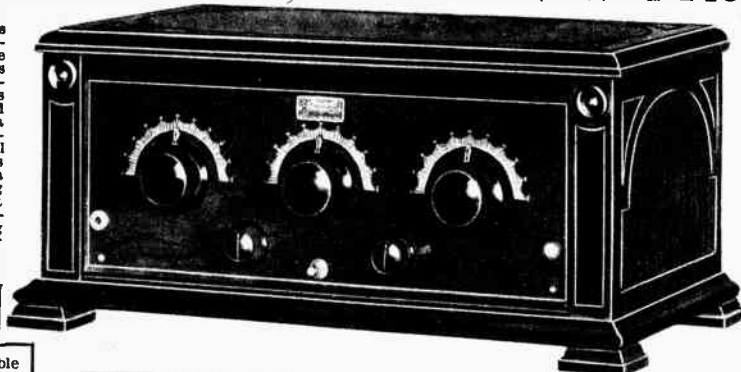
We can furnish the chassis only which is a complete built up unit ready to go in to any cabinet for a 7x18" panel.

No. 96500
LIST \$27.00
LESS 40% OR
\$16.20 LESS 2% OR

\$15⁸⁸
NET

Brunelli-Jones Table Model at a New Low Price

Here you have the Brunelli-Jones 5-tube chassis mounted in the attractive two tone mahogany table cabinet pictured at the right. This cabinet is of genuine mahogany finished in brown duo tone. It has attractive scoring on the top and sides with hand carved pillars, a full piano hinge, rubber tacks underneath to prevent scratching and all the features found in the cabinets costing a good deal more. Now a better job than ever before selling at a lower price. No matter what you are handling now the Brunelli-Jones will give your sales a big boost and open a new market for you.



Completely Equipped Table Model

Get a complete Brunelli-Jones Table Model with all accessories. Ready to operate, including 1 Tower Pirate Ship Speaker, 5 CX-301A Cunningham Tubes, 2 Brunelli-Jones "B" Batteries, 1 "C" Battery, 1 100-Amp. Storage Battery, 1 Aerial Kit ---at a special attractive price.

No. 96560 - List \$68.65 - Less 40%
Each, \$41.14 - Less 2% or

\$40³⁷
NET

BRUNELLI-JONES Table Model

No. 96501
LIST \$33.75 LESS
40% or \$20.25
LESS 2% or

\$19⁸⁵
NET

ACCESSORIES RECOMMENDED For 5-Tube Brunelli-Jones Radio

- 3 Cunningham CX301A Tubes
- 1 Cunningham CX300A Detector Tube
- 1 Cunningham CX112 Power Tube
- 2 Brunelli-Jones 4 1/2 Volt "C" Batteries
- 3 Brunelli-Jones 45 Volt "B" Batteries
- 1 Betterbilt 100 Amp. "A" Battery
- 1 Balkite Trickle Charger
- 1 Regulation Aerial Kit

For Electric Socket Operation instead of batteries substitute a White, Balkite or Filiteco "AB" unit or a separate "A" and separate "B" unit as shown on pages 12 to 21.

Add any good loud speaker in this book.

RELY-O-DYNE RADIO

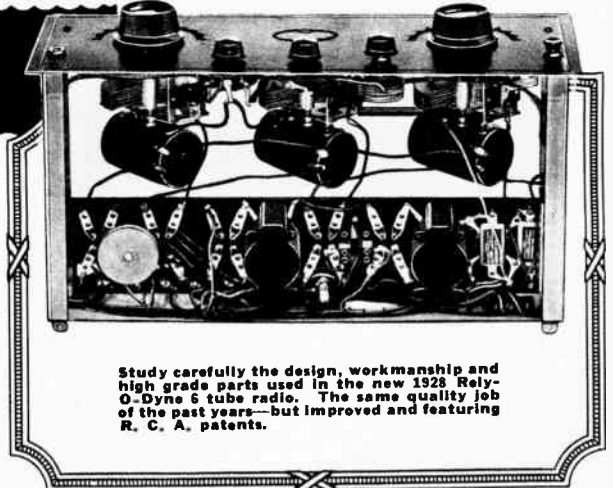
**NEW
LOW PRICES**

**MAKE REAL MONEY BY
FEATURING THIS CHASSIS**

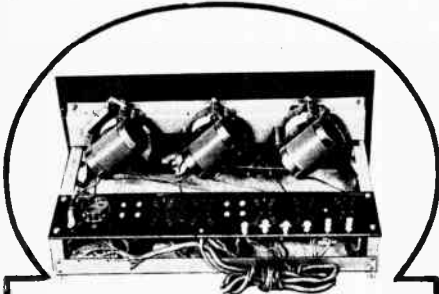
RELY-O-DYNE CHASSIS

A Fine Six Tube Radio

The 1928 model pictured here is 6 tubes instead of 5, giving it added punch, added volume, better tone and a greater distance range. Instead of three controls it is now a two control receiver, positively now the greatest radio set value in America. A full six tube receiving set with three stages of radio frequency amplification, a detector and two stages of audio frequency amplification. The Rely-O-Dyne series "8" uses the famous Erla audio transformers which give that fine, clear, life-like reproduction of the voice and music. And best of all, a new low price that will make the Rely-O-Dyne your best seller and your best profit producer. The new duo control gives even tuning with a maximum amount of selectivity. The control mechanism is simple, sturdy and fool proof.



Study carefully the design, workmanship and high grade parts used in the new 1928 Rely-O-Dyne 6 tube radio. The same quality job of the past years—but improved and featuring R. C. A. patents.



Study this underneath view and note the sturdy construction and scientific design and the high grade parts that go into the Rely-O-Dyne chassis.

A Phenomenally Low Price Accessories Recommended For Rely-O-Dyne Radio

- 4 Cunningham CX301A Tubes
- 1 Cunningham CX300A Detector Tube
- 1 Cunningham CX112 Power Tube
- 2 Brunell-Jones 4 1/2 Volt "C" Batteries
- 3 Brunell-Jones 45 Volt "B" Batteries
- 1 Betterbilt 100 Amp. "A" Battery
- 1 Balkite Trickle Charger
- 1 Regulation Aerial Kit

**SEE
OUR
LOW
PRICES**

Rely-O-Dyne Chassis
We can furnish the chassis only which is a built up unit ready to go in to any 7x18 cabinet.
No. 96502 List \$33.00
Less 40% or \$19.80
Less 2% or

**\$19.40
NET**

For Electric Socket Operation instead of batteries substitute either White, Philco, Balkite, Kuprox or Majestic "AB" units or any separate units in combination as shown on pages 12 to 21.

Add a good loud speaker selected from this catalog.

ALL CONSOLE COMBINATIONS Radically Reduced

THE RELY-O-DYNE chassis is furnished with a number of consoles shown on pages 36 to 51. We have priced them at particularly attractive figures that enable you to make extra profits. Don't wait till the last minute, get your console models in now so you can cash in on the big Christmas demand. Our assortment allows you to meet any demand—from the low priced high-boy to the fancy console.

Exceptional Values

Our consoles have a particularly pleasing finish and are ready sellers. In combination with the Rely-O-Dyne chassis they represent one of the best investments the radio dealer can make. Write us today.

7" x 18" Front Panel Will Fit Your Consoles

Dealers who have consoles or cabinets in stock will find the Rely-O-Dyne chassis just the thing for them. The front panel measures 7x18 inches and will fit most any standard console. Just think! A proven 6-tube receiver that you can buy for \$19.40 net. Up-to-date in every respect and built under patents of Radio Corporation of America. Get one of these chassis now and fit it into your console. A real good seller!

**A 6-Tube Chassis
with Wonderful
Performance**

Manufactured Under Patents of The Radio Corporation of America

THE 1928 Rely-O-Dyne with a simplified Duo-control is manufactured under patents of The Radio Corporation of America. It is positively the lowest priced chassis ever offered to the dealer, which incorporates all these superior features. It uses a circuit that has been acclaimed one of the best and most efficient ever designed. Although the use of a power tube (CX-112) is recommended in the last stage, the Rely-O-Dyne will work satisfactorily with six CX-301A, using 135 volts. All parts used are of an exceptionally high character and each unit is subjected to numerous tests to assure satisfactory reception in every case.

Sturdily Built

The two underneath and top views of the chassis show the substantial character of construction. Dual control of condensers gives it simplicity in tuning in stations. Selectivity and tone quality have been particularly stressed in making this chassis a world beater. For accessories and complete equipment for this chassis see pages 2-28. All the latest speakers, power units and other accessories are listed there.

**ORDER ONE OF THESE
CHASSIS NOW!**

THE HARRY ALTER CO. CHICAGO

RELY-O-DYNE RADIO

A RADIO THAT HAS GIVEN THOUSANDS COMPLETE SATISFACTION

NEW LOW PRICES



Rely-O-Dyne Table Model, A Great Value

Think of it! A six tube, two control table model radio receiver in the Rely-O-Dyne class retailing for only \$39.50. The cabinet, as you see, is of very high grade two tone mahogany varnished, hand rubbed and hand polished. The top and the sides are attractively scored and finished in duo tones.

All the Latest Features and Improvements

A full sized piano hinge on the lid, attractive carvings on the front pillars, rubber tacks on legs to prevent scratching, all the features to be found in cabinets selling for many dollars more. And best of all, a degree of radio reception, a quality of tone and a general all around satisfaction to be found only in the highest priced radio receivers.

Table Model

No. 96503
LIST PRICE \$39.50
LESS 40% DR \$23.70
LESS 2% OR

Manufactured Under Patents of Radio Corp. of America

The new duo control six tube improved Rely-O-Dyne is now manufactured under the patents owned by the Radio Corporation of America. Positively the lowest priced six tube chassis on the market today that incorporates all of these worth while patents. A feature, Mr. Dealers, that breaks down the sales resistance and brings the money. At the new low price the Rely-O-Dyne is one of America's truly great radio values. Order a sample and decide this for yourself.

\$23.23
NET

Order One of These

COMPLETE COMBINATIONS

You can order the Rely-O-Dyne Table Model separate at the low price of \$23.23 Net, or you can get a complete outfit containing all accessories and speaker at very attractive prices quoted below:

Outfit No. 1 BATTERY EQUIPPED

- 1—Table Model Rely-O-Dyne
- 1—Tower Pirate Ship Speaker
- 6—CX-301A Cunningshams
- 1—Brunell-Jones "B" Batteries
- 3—Brunell-Jones "C" Batteries
- 1—100 Amp. Storage Battery
- 1—Aerial Kit

No. 96561—Complete
List \$78.00
Each \$46.80, Less 2% or **\$45.86** NET

Outfit No. 2 PHILCO EQUIPPED

- 1—Table Model Rely-O-Dyne
- 1—Tower Adventurer Speaker
- 6—CX-301 Cunningshams
- 1—6-150 "AB" Philco
- 2—"C" Batteries
- 1—Aerial Kit

No. 96562—Complete
List, \$129.00
Each, \$67.25, Less 2% or **\$65.91** NET

Outfit No. 3 ELECTRIC OPERATION

- 1—Table Model Rely-O-Dyne
- 1—Tower Adventurer Speaker
- 6—CX-301A Cunningshams
- 1—Brunell-Jones "A" Socket Power
- 1—Majestic Super "B"
- 2—"C" Batteries
- 1—Aerial Kit

No. 96563—Complete
List, \$117.50
Each, \$66.93, Less 2% or **\$66.93** NET

Outfit No. 4 BALKITE EQUIPPED

- 1—Table Model Rely-O-Dyne
- 1—Utah No. 16 Speaker
- 6—CX-301A Cunningshams
- 1—"AB" 6-135 Balkite
- 2—"C" Batteries
- 1—Aerial Kit

No. 96564—Complete
List, \$129.50
Each, \$76.30, Less 2% or **\$74.77** NET

Outfit No. 5 BALKITE AND BURGESS EQUIPPED

- 1—Table Model Rely-O-Dyne
- 1—Tower Adventurer Speaker
- 6—CX-301A Cunningshams
- 3—45-Volt Burgess No. 10308
- 2—4½-volt Burgess "C"
- 1—Balkite 6A
- 1—Aerial Kit

No. 96565—Complete
List, \$114.50
Each, \$66.50, Less 2% or **\$65.17** NET

If you desire a different speaker from the one specified, add or deduct the difference between the two respective speakers and you have your exact cost. We can recommend very highly the TEMPLE (Page 6), the FARRAND (Page 2), the Peerless (Page 2), the Tower Drum (Page 3).

If you want to use a power tube (CX-112A) add \$1.93 to the price quoted.

Electrically Operated RELY-O-DYNE

DEALERS, who want a completely electrically operated set, dry in every sense, can obtain the Rely-O-Dyne completely equipped with the Majestic Dry "A" and "B," a very fine combination. Operates directly from electric light socket. A proven combination that is guaranteed to give excellent results. Just the thing your customer is looking for. 110 volt, 60 cycle current only.

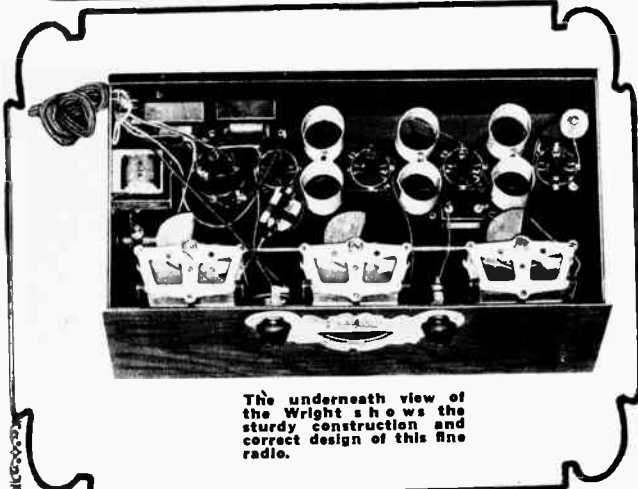
- 1—Table Model
- 6—CX-301A Cunningshams
- 1—Majestic "A"
- 1—Majestic Super "B"
- 1—Aerial Kit

No. 96566
Complete.....
List, \$119.50
Each, \$69.50
Less 2% or **\$68.11** NET

Speaker Separate

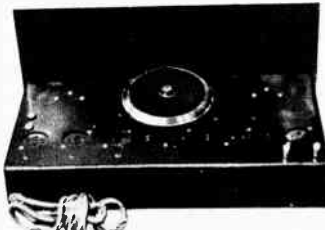
We have omitted the speaker from the above combination to enable you to pick any speaker desired by you. See pages 2 to 9.

WRIGHT RADIO



The underneath view of the Wright shows the sturdy construction and correct design of this fine radio.

The six-tube Wright radio employs three stages of radio frequency, two stages are tuned and one untuned with a detector and two stages of audio frequency amplification. Metal panel, walnut finish, 7x18, with bakelite dial thru window in panel. Binocular high efficient R. F. coils. High grade matched variable condensers ganged by patented rack and gear arrangement. Fine volume control adjustment. Steel chassis gives solid construction and assures uniform design. Output transformer produces clear pure tone free from distortion and blasting. Single control dial of unique design, very easily tuned.



This rear view of the WRIGHT chassis shows the control dial, six sockets in line, the steel chassis shielding and the standard battery cable eliminating unsightly and inconvenient binding posts.

Here is a radio receiver that gets all stations. The WRIGHT chassis will fit any standard console cabinet that will accommodate a 7x18" panel. We can supply the chassis only the dealers for installation in their own console cabinets as well as for use with any of the console cabinets illustrated on the following pages.

The WRIGHT is a first-class, high quality, absolute single control receiver employing a new system of ganging condensers. The WRIGHT will step out and get distance. It is very selective and will tune out interfering stations with ease. A noteworthy feature of the WRIGHT is the tone quality obtained through the use of standard two stage audio frequency amplification with the addition of an output transformer. Steel construction assures rigidity, durability and permanence of performance.

You will find the WRIGHT a ready seller. It has eye value and an instant appeal because of its exceptionally handsome clean-cut panel. Your customers will like the performance of the WRIGHT and you will like its trouble-free, service-free performance.

Chassis Only As Shown

We can furnish the chassis only which is the complete receiving set less accessories or furniture, ready to put into any console cabinet at the following prices.

No. 96504 - List Price \$44.75
Less 40% or \$26.85
LESS 2% or

\$26³¹
NET

Six Tube "WRIGHT" in the Table Model

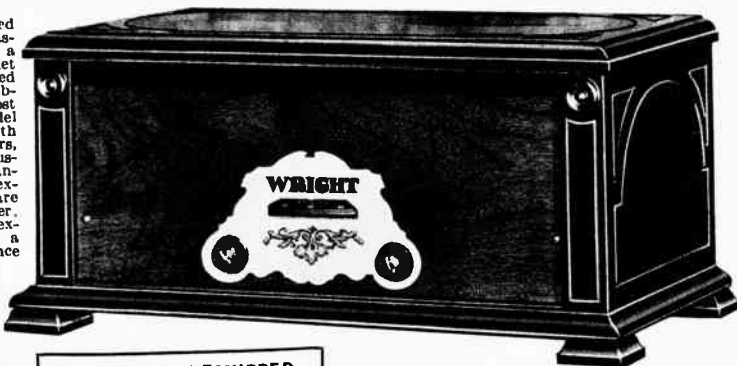
The WRIGHT table model illustrated here is the same famous WRIGHT chassis, fully described above, installed in a very handsome table cabinet. The cabinet is of warranted five-ply mahogany finished in a very handsome duo-tone. This cabinet is one that will please your most fastidious customers. Many table model radios will be sold this year for use with the new Ortho-Sonic type loud speakers, similar to the Newcombe-Hawley illustrated on page 52. We have a special franchise proposition, guaranteeing the exclusive sale for your territory if you are interested in the WRIGHT receiver. Write us at once for details on our exclusive franchise proposition. Order a sample WRIGHT at once and convince yourself that it is right.

ACCESSORIES RECOMMENDED For Six Tube Wright Radio

- 4 Cunningham CX-301A Tubes
- 1 Cunningham CX-300A Detector Tube
- 1 Cunningham CX-112 Power Tube
- 2 Brunell-Jones 4 1/2-Volt "C" Batteries
- 3 Brunell-Jones 45-Volt "B" Batteries
- 1 Betterbilt 100-Amp. "A" Battery
- 1 Balkite Triekle Charger
- 1 Regulation Aerial Kit

For Electric Socket operation instead of batteries substitute either White, Philco, Balkite or Majestic "AB" units or any separate units in combination as shown on pages 12-21.

Add a good loud speaker selected from this catalog.



COMPLETELY EQUIPPED TABLE MODEL

Order a completely equipped WRIGHT Table Model, including all accessories as follows: 1 Table Model, 1 Tower Adventurer Speaker, 4 CX-301A Cunningham Tubes, 1 CX-300A, 1 CX-112, 3 Brunell-Jones "B" Batteries, 2 "C" Batteries, 1 100 Amp. Storage Battery, 1 Aerial Kit, ready to operate.

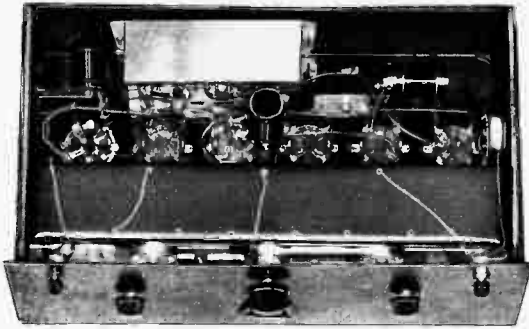
No. 96557
List \$99.50
Each \$59.70
Less 2% or

\$58⁵¹
Net

Wright Table Model

No. 96505
LIST \$52.25
LESS 40%
Each. \$31.35
LESS 2% or

\$30⁷²
NET



This shows the wiring underneath the Ace chassis. Note the large transformers, the Bakelite radio frequency coils, the rugged sockets and the careful wiring and workmanship.



ACE A. C. RADIO

For dealers who desire a completely A.C. operated set, we can supply the ACE Model 2, which uses the new type A. C. tubes (cx 326 or ux 226). No batteries whatsoever. The complete set is furnished with power pack (including rectifying tube). Only requires in addition 5—CX326 and 1—C327 A.C. Tubes. The newest type radio on the market. Expert workmanship assures complete satisfaction. 110 Volt 60 Cycle A.C. power line. Progressive dealers will be quick to meet the great public demand for this A. C. set. Priced Less A. C. Tubes.

CHASSIS ONLY—Complete
 No. 96512. List \$104.00
 Each \$ 62.40
 Less 2%, or

TABLE MODEL Complete
 No. 96513. List \$115.00
 Each \$ 66.90
 Less 2%, or

\$ 61¹⁵ NET
\$ 65⁵⁶ NET

Many New Ace Features

The Ace employs three stages of radio frequency amplification, two are tuned and one stage is untuned. There are two stages of audio frequency amplification and one detector. The single control knob turns the three variable air condensers connected by a belt of copper strapping with an adjusting screw for taking up any play that may develop in later years.

The Ace Now Made Under R. C. A. Patents

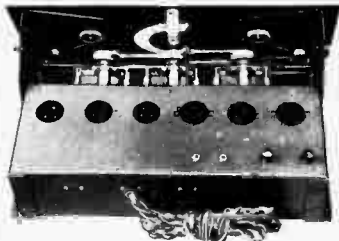
Here is an additional big Ace feature that will help you sell more Ace receivers. You can now guarantee your customers that Ace Radios are manufactured under the Patents of the Radio Corporation of America for Amateur and experimental use and for Broadcast reception. This means that Ace receivers will incorporate all the outstanding features to be found in R C A patents. It is a big selling help for you and removes the last doubt from the minds of your customers that the ACE is the radio they should own.

“ACE” Chassis only

We can furnish the chassis only which is a built up unit ready to install in any cabinet that will accommodate a 7x18-inch panel.

No. 96506
 List \$54.00, Less 40%
 or \$32.40, Less 2% or

\$ 31⁷⁵ NET



This view shows the substantial metal chassis, the single control mechanism, the six sockets in line and the rugged construction of the Ace single six.



ACE SINGLE SIX Table Model

The table model of the Ace single six illustrated to the left, contains the same chassis shown above in a very good-looking table cabinet. A popular seller for those people who do not want to go to the expense of a console cabinet. The table cabinet is of mahogany duotone finish, varnished and hand rubbed. Tops and sides have a attractive scrolling design in two-tone effect.

COMPLETELY EQUIPPED ACE TABLE MODEL
 Order now a completely equipped ACE Table Model at a special price. Includes 1 Table model, 1 Tower, Adventure Speaker, 4 CX-301A Cunningham Tubes, 1 CX-300A, 1 CX-112, 3 Brunelli-Jones "B" Batteries, 2 "C" Batteries, 1 100 Amp. Storage Battery, 1 Aerial Kit, ready to operate.
 No. 96558—List \$108.25
 Each, \$64.95—Less 2% or

\$ 63⁶⁵ NET

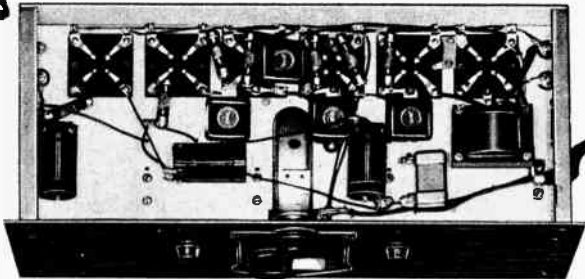
ACCESSORIES RECOMMENDED FOR ACE RADIO

Table Model
 No 96507 \$ **36¹⁶ NET**
 List \$61.50,
 Less 40% or
 \$36.90, Less
 2% or

- 4 Cunningham CX301A Tubes
- 1 Cunningham CX300A Detector Tube
- 1 Cunningham CX112 Power Tube
- 2 Brunelli-Jones 45-volt "C" Batteries
- 3 Brunelli-Jones 45-volt "B" Batteries
- 1 Betterbilt 100-amp. "A" Battery
- 1 Balkite Trickle Charger
- 1 Regulation Aerial Kit

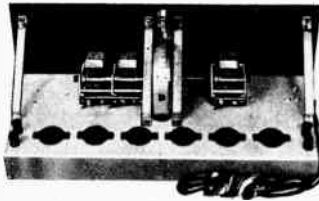
For Electric Socket Operation instead of batteries, substitute either White, Philco, Balkite, Kuprox or Majestic "AB" units or any separate units in combination as shown on pages 12 to 21.

DREAD-NAUGHT RADIO



Compare the Dreadnaught type of construction with all the high priced jobs on the market. You will see incorporated in the Dreadnaught all the desirable features as pictured here.

You will find the Dreadnaught to be a highly satisfactory radio for all people interested in better radio reception. Six tubes using two stages of radio frequency amplification, a detector and three stages of audio, two of which are resistance coupled. The tone, the volume, the selectivity is equal to that of radios costing a great deal more. The Dreadnaught chassis can be obtained as is illustrated with a 7x18-inch panel to fit any console you may have that will accommodate that size. By referring to pages 36 to 45 you will see a line of cabinets especially designed to accommodate the Dreadnaught that will answer every demand you have from your customers and at prices hard to beat.



This underview shows the neat design and workmanship to be found in the Dreadnaught radio. Good workmanship, scientific design, quality parts—all are to be found in the Dreadnaught radio.

Dreadnaught Chassis Only

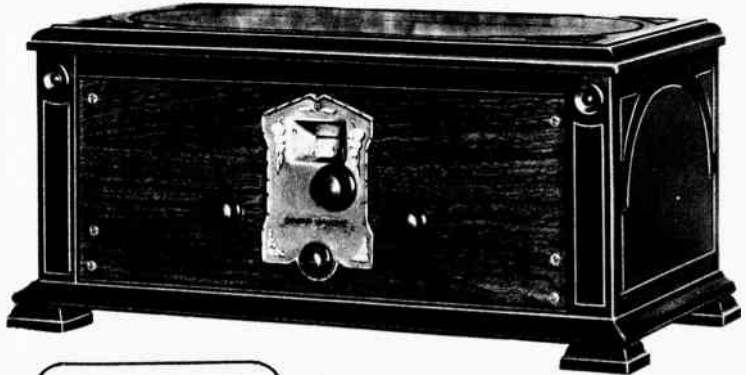
We can furnish the chassis only which is a built up unit ready to install in any cabinet that will accommodate a 7x18 panel.

No. 96508
List Price \$47.00
Less 40% or \$28.20
Less 2% or

\$27⁶⁴ NET

Dreadnaught Table Model—A Sure Sales Leader

The Dreadnaught chassis described above placed in a very attractive table model cabinet. This is a quality job of mahogany in a two tone, hand rubbed finish. Top and sides of this cabinet are attractively scored giving a very pleasing effect. Refer to page 42 of this catalog for an attractive line of table consoles especially designed for use with the table model Dreadnaught.



COMPLETELY EQUIPPED TABLE MODEL

At a special price the completely equipped "DREAD-NAUGHT" Table Model includes: 1 Tower Adventurer Speaker, 4 CX-301A Cunningham Tubes, 1 CX-300A, 1 CX-112, 3 Brunnell-Jones "B" Batteries, 2 "C" Batteries, 1 100 Amp. Storage Battery and 1 Aerial Kit, ready to operate.
No. 96559—List.....\$101.69
Each, \$60.96—Less 2% or

\$59⁷⁴ NET

Dreadnaught Table Model

No. 96509
List \$54.50
less 40% or
\$32.70 less 2% or

\$32⁰⁵ NET

ACCESSORIES RECOMMENDED For Dreadnaught Radio

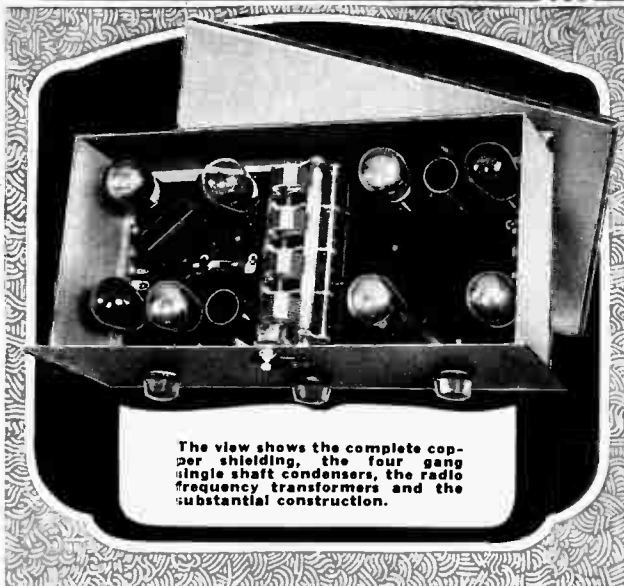
- 4 Cunningham CX301A Tubes
- 1 Cunningham CX300A Detector Tube
- 1 Cunningham CX112 Power Tube
- 2 Brunnell-Jones 4 1/2 Volt. "C" Batteries
- 3 Brunnell-Jones 45 Volt "B" Batteries
- 1 Betterbilt 100 Amp. "A" Battery
- 1 Balkite Trickie Charger
- 1 Regulation Aerial Kit

For Electric Socket Operation instead of batteries substitute either White, Philco, Balkite, Kuprox or Majestic "AB" units or any separate units in combination as shown on pages. 12 to 21.
Add a good loud speaker selected from this catalog.

Inter-Ocean

EIGHT

RADIO



The view shows the complete copper shielding, the four gang single shaft condensers, the radio frequency transformers and the substantial construction.

Inter-Ocean

EIGHT

CHASSIS

Super-Power, Super-Tone

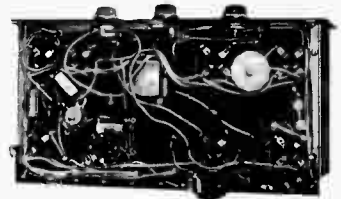
When eight useful tubes are built into a radio set, correctly designed to get the maximum efficiency from each tube, a degree of radio reception is obtained that is unbeatable. In the Inter-Ocean eight there are four stages of radio frequency amplification, three stages are tuned and one is untuned. Then there is a detector tube and three stages of resistance coupled audio-frequency amplification. The four R. F. stages give the Inter-Ocean eight its distance-getting ability, its great sensitivity. The three stages of resistance coupled amplification produce that wonderful tone, that deep, rich, mellow tone covering the entire musical scale, that all radio set manufacturers are striving for. Coupled with this we have an absolute single control with a very critical volume control switch, compactly built and designed to stand up in hard usage.

THERE IS A BIG DEMAND FOR EIGHT TUBE RADIOS

Dealers featuring the Inter-Ocean eight can guarantee their customers a great distance range, an amazing degree of selectivity and last, but most important of all, a quality and volume of tone to be found only in the highest priced receiving sets made. We recommend an outside aerial of 75 to 100 ft. although the Inter-Ocean eight will work with fair satisfaction over shorter distances with a loop aerial. The INTER-OCEAN Eight is admirably adapted for use with "B" Eliminators and is absolutely free from "motor-boating" effects. A most efficient instrument.

INTER-OCEAN CHASSIS ONLY
 Chassis will fit any cabinet with 7x18-inch panel.
 No. 98510
 List \$81.50 Less 40%
 or \$48.90, Less 2% or

\$47.92 NET



This underneath view shows the wiring on the sub panel. Heavy rubber insulated wire is used. All parts are the best obtainable. The design and construction is one that will favorably impress anyone acquainted with the basic principles of radio.

Inter-Ocean

EIGHT

TABLE MODEL

A great many people still want table model radio sets and so we here have the Inter-Ocean eight in a very handsome two-tone mahogany finish table cabinet. See page 42 for several attractive tables to be used with this Inter-Ocean eight model. The table cabinet illustrated here is beautifully finished, has attractive scoring and carving, a design that will appeal to your most fastidious customers.



Inter-Ocean Table Model
 No. 98511
 List \$89.00 Less 40%
 or \$53.40, Less 2% or

\$52.33 NET

Territory Still Open

We have an exceptionally attractive exclusive franchise proposition to offer dealers interested in securing the exclusive selling rights in their territory on the Inter-Ocean eight. Free advertising and selling helps—full territory protection are obtainable in your territory. Write at once for all information.

ACCESSORIES RECOMMENDED FOR 8-TUBE INTER-OCEAN RADIO

- 6 Cunningham CX301A Tubes
- 1 Cunningham CX300A Detector Tube
- 1 Cunningham CX112 Power Tube
- 3 Brunell-Jones 4½-volt "C" Batteries
- 4 Brunell-Jones 45-volt "B" Batteries
- 1 Betterbilt 120-Amp. "A" Battery.
- 1 Regulation Aerial Kit
- 1 Good Trickle Charger
- 1 Good Loud Speaker

For Electric Socket Operation instead of "A" and "B" batteries, substitute either White, Philco, Baklite, Kuprox, Majestic or any other power units shown on pages 12 to 21

THE HARRY ALTER CO., CHICAGO, ILL.

LAKOTA CONSOLE



**Lakota Console
with Utah Unit**

No. 96515
List \$28.00
Less 40%
or \$16.80
Less 2% or **\$16⁴⁶/₁₀₀ Net**

The Lakota Console is designed to fit any of the radio chassis shown below. It also can be used with any other standard 7x18-inch panel. Select the chassis you want from the prices below. Put it in the Lakota Console and you will have a radio outfit of surprising value and surpassing quality.

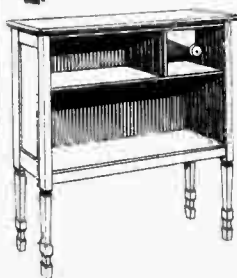
Here is a console cabinet priced very low, but a quality job throughout. Made of 5-ply mahogany in a handsome two-tone finish. It is small and compact, measuring only 36½ inches high, 31½ inches wide and 13½ inches deep. There is ample space for batteries or power equipment so that the installation is complete and self-contained. Not an exposed wire to mar the appearance of any room.

Built-In Loud Speaker with Utah Unit

The self-contained loud speaker built into this console has a 5-ply wooden tone chamber with a patented cast non-vibrating tone arm to which is fastened a genuine Utah loud speaking unit. The quality of the tone is surprising. The volume is all that anyone would want. The reproduction of music and voice is amazingly life-like.

Your Customers Want Consoles

The big demand this year is for console cabinets to house a good radio. Everybody wants a console cabinet instead of a cable cabinet with a lot of mussy wires. Make your installations in consoles that contain all the batteries and make a neat workmanlike job.



This view shows the Lakota Console from the rear. You can see sturdy, substantial loud speaker, the big battery compartment with its ease of accessibility. There is room in the Lakota Console for all the batteries or power units required. Note how compact everything is and what a neat job it makes.

NOTE REDUCED PRICES

SPECIAL PRICES ON "LAKOTA" AND RADIO CHASSIS COMBINATIONS

Rely-O-Dyne Chassis

INCLUDING LAKOTA CONSOLE
SPECIAL PRICE

No. 96635
List \$59.50
Less 40%
or \$35.70
Less 2% or **\$34⁹⁹/₁₀₀ NET**
See Page 31 for Relyodyne Data

Wright Chassis

Including Lakota Console
SPECIAL PRICE

No. 96636
List \$71.10
Less 40% or
\$42.66
Less 2% or **\$41⁸¹/₁₀₀ Net**
See Page 32 for Wright Data

Dreadnaught Chassis

Including Lakota Console
SPECIAL PRICE

No. 96638
List \$73.50
Less 40% or
\$44.10
Less 2% or **\$43²²/₁₀₀ Net**
See Page 34 for Dreadnaught Data

Brunelli-Jones Chassis

INCLUDING LAKOTA CONSOLE
SPECIAL PRICE

No. 96634
List \$53.50
Less 40%
or \$32.10
Less 2% or **\$31⁴⁶/₁₀₀ NET**
See Page 29 for Brunelli-Jones Data

Ace Chassis

Including Lakota Console
SPECIAL PRICE

No. 96637
List \$80.25
Less 40% or
\$48.15
Less 2% or **\$47¹⁹/₁₀₀ Net**
See Page 33 for Ace Data

Inter-Ocean Chassis

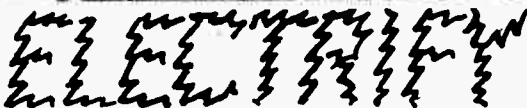
Including Lakota Console
SPECIAL PRICE

No. 96639
List \$108.00
Less 40% or
\$64.80
Less 2% or **\$63⁵⁰/₁₀₀ Net**
See Page 35 for Inter-Ocean Data.

SELL ANY RADIO SET IN THIS BOOK THEN ELECTRIFY IT WITH "A" SOCKET POWER

The much talked of A. C. tube and A. C. operated receiving sets are still in the experimental stage. Their worth is yet to be proven. No one can say just how these sets will work out. That is why you will not find in this catalog any receiving sets that use the new A. C. tube or designed to operate right off the electric light socket. Again we say that up to date they have yet to demonstrate and prove their satisfactory performance.

Good dealers are now selling their customers the radio set they prefer. Then electrifying it with any of the good standard socket power units as illustrated on this page and elsewhere in this catalog. Your customer prefers a certain type radio set because of its performance. Sell him on performance of the radio set. Then electrify it so that it will operate from the light socket for him without trouble, attention or grief. Use any of the "SOCKET POWERS" shown on this page.



Your Sets With

MAJESTIC DRY "A" and "B"



Any of the sets shown in this book can be converted to completely ELECTRIC sets operating directly from the electric light socket by using the efficient MAJESTIC Dry "A" and any of the MAJESTIC "B" models. A complete description of the MAJESTIC line is given on page 16. For 60 Cycle, 110-volt current MAJESTIC is the fastest selling "B" and "A" combination. Get your stock now. Immediate delivery on all models.

MAJESTIC DRY "A"

For all type sets up to 8 tubes, including power tube. Absolutely dry. Output 2½ amp. at 6 volts with receptacle for "B" Socket. **\$232.90** Net

MAJESTIC "B"

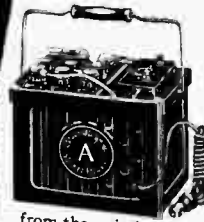
Majestic Super—The most popular and fastest selling "B" Eliminator. 50 Mills at 180 volts. With tube. No. 94979—List, \$29.50—Each, \$17.70—Less 2% or **\$17.35** Net
Majestic Master—A precision Power Unit 60 Mills at 180 volts, with tube. No. 94980—List, \$32.50—Each, \$19.50—Less 2% or **\$19.11** Net
Majestic Master Special has 4 "B" taps 60 Mills at 180 volts, with tube. No. 94981—List, \$32.50—Each, \$19.50—Less 2% or **\$19.11** Net

Brunelli-Jones "A" Unit

No. 94994
List \$24.50

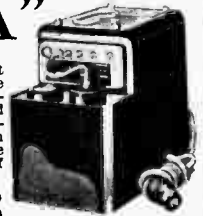
Less 40% and 2% or

\$14.41 NET



This combined high grade storage battery and Rectox Trickle Charger works automatically from the switch on the radio panel. An "A" power unit you can depend on. Equipped with a high grade automatic relay built-in—has a heavy duty 6-volt 60 amp. "A" battery with genuine Rectox Trickle Charger—all fully automatic.

Balkite "A"



Here is a batteryless "A" power unit for replacing "A" batteries using the Balkite principle of rectification. Consists of Balkite rectifier and liquid condenser. Trouble proof—timetried and tested to give maximum service. You can safely push the Balkite "A" unit for all makes of radio sets.

No. 96025
List \$35.00, **\$20.58** Net
Less 40% and 2% or

The new batteryless Balkite "A" Unit is a huge success. The Balkite principle has been demonstrated in the past five years to be absolutely perfect.

Balkite "AB"



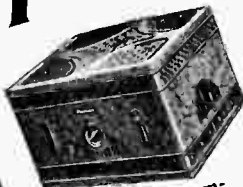
List \$64.50 Less 40% or \$38.70, Less 2% or

\$37.93 Net

Here is the new Balkite "A" and "B" battery eliminator. Contains no batteries of any kind. Absolutely fool-proof, service-free, reliable and dependable. Why bother with A. C. tubes. Sell your customer the radio set on its performance. Then electrify it with a Balkite

PHILCO

"AB" SOCKET POWER



See Page 17 for Complete Listing

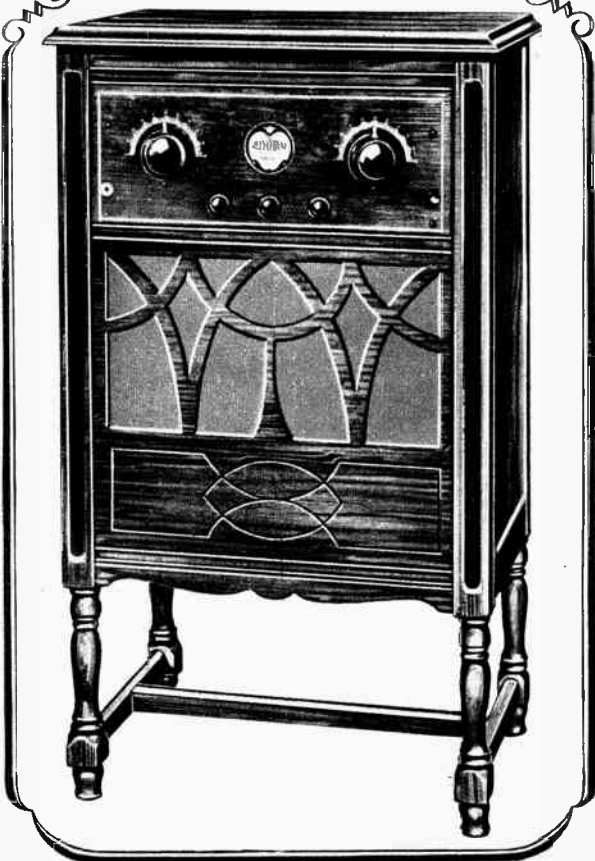
A wonderful, efficient combination "AB" Socket Power will in any set shown in this book (except Inter-ocean Receiver). 6-150-volt type with relay Operates power tubes efficiently Immediate shipment.

Model "AB" 556 with Relay. List, \$59.50 Each, \$35.70 Less 2% or **\$34.99** NET

OTHER POWER UNITS

	Page
White "A" and "B".....	14
Kuprox.....	15
Burns.....	12
Sterling.....	18
Sentinel.....	18

OXFORD CONSOLE



Here is one of the greatest console values on the market today. A complete self-contained unit with built-in speaker, plenty of room for batteries and space for the radio set, all at a most amazingly low price. Not a cheap job but quality throughout. Built of genuine walnut ply wood, beautifully finished and high lighted. The top raises giving access to the radio set for adjustment when needed. The battery compartment and loud speaker are accessible in the rear. Here, Mr. Dealer, is a job that you can use for most of the lower priced radios as a sales leader.

Built-In Speaker of Fine Tone and Utah Unit

The tone quality and reproduction is very fine because the Oxford console has a long air column loud speaker using in conjunction with it a genuine Utah unit. Remember that good tone quality is important and it is built in the Oxford.

Fits Any 7x18 Radio

Most any radio set using a standard 7x18-inch panel will fit in the Oxford console. We can strongly recommend any of the radio chassis shown below, and priced below as ideal combinations. For example:

Oxford Console
 No. 96516
 List \$35.00 Less 40%
 or \$21.00, Less 2% or

\$20⁵⁸ NET

With Utah Unit

combinations. For example: The Oxford console and the Rely-O-Dyne 6-tube, two control chassis carries a list price of only \$69.50. Think of a value of that kind. A radio set, console, loud speaker and unit, all at the low retail list price of \$69.50, less 40% dealer's discount or \$41.70, less 2%.

While small in size, because of its correct design and proportions, the Oxford makes a very pretty appearance in any room. Ideal for small apartments or small rooms where economy in space is desirable. The outside dimensions of the Oxford are: 38¼ inches high, 22 inches wide and 14¾ inches deep.

SPECIAL PRICES ON "OXFORD" AND RADIO CHASSIS COMBINATIONS

Rely-O-Dyne Chassis

Including Oxford Console
SPECIAL

No. 96641
 List \$64.00,
 Less 40% or
 \$38.40, Less
 2% or

\$37⁶³ Net

See Page 31 for Rely-O-Dyne Data.

Wright Chassis

Including Oxford Console
SPECIAL

No. 96642
 List \$77.75
 Less 40% or
 \$46.65, Less
 2% or

\$45⁷² Net

See Page 32 for Wright Data.

Dreadnaught Chassis

Including Oxford Console
SPECIAL

No. 96644
 List \$80.00
 Less 40% or
 \$48.00, Less
 2% or

\$47⁰⁴ Net

See Page 34 for Dreadnaught Data.

Brunelli-Jones Chassis

Including Oxford Console
SPECIAL

No. 96648
 List \$60.00,
 Less 40% or
 \$36.00, Less
 2% or

\$35²⁸ Net

See Page 29 for Brunelli-Jones Data.

Ace Chassis

Including Oxford Console
SPECIAL

No. 96643
 List \$86.70
 Less 40% or
 \$52.02, Less
 2% or

\$50⁹⁸ Net

See Page 33 for Ace Data.

Inter-Ocean Chassis

Including Oxford Console
SPECIAL

No. 96645
 List \$114.50
 Less 40% or
 \$68.70, Less
 2% or

\$67³² Net

See Page 35 for Inter-Ocean Data.

MELODIAN CONSOLE *and* Rely-O-Dyne SIX TUBE RADIO

At This Amazing Special Combination Price!

Bigger Profits—Quicker Sales with Rely-O-Dyne = Melodian Outfit

Compare the Melodian Console equipped with the Rely-O-Dyne 6-tube 2 control radio chassis and genuine Utah loud speaking unit with anything on the market. Its great value will be immediately apparent. A sure-fire hit with your customers—this outfit will pay you big profits. The Melodian Console is made of 5-ply walnut—by expert cabinet makers. The finish is extraordinary for a console selling at this price—hand-rubbed and high-lighted. An unusually handsome grille in front high-lighted wood turnings—strong and substantial. There is a drop-leaf door concealing the radio set—and this door provides an arm rest when tuning the set.

The front grille is hinged and swings out so that the battery compartment is easily accessible for renewal of batteries or adjustment of socket power units if they are used—also exposing the loud speaker. And what a loud speaker! It consists of a wooden tone chamber with a metal tone arm giving long air column effect and fitted with the famous Utah unit noted for fine tone quality.

An unusual feature is the drawer panel arrangement that contains the radio set which pulls out to give access to radio set in case any adjustments are needed.

Special Complete Price With All Accessories

Here is a special combination offer that makes a fine sales leader for wide-awake dealers who want to offer real values to their customers. Because of the special low price we quote here we can not make any changes or exceptions to the list of accessories in this offer.

The Melodian Utah equipped console and Rely-O-Dyne six tube radio complete with 6 Cunningham tubes—4 CX 301A, 1 CX 300A, and 1 CX 112 power tube, 1 Majestic "B" battery eliminator, 1 Brunelli-Jones "A" socket power with automatic relay, 1 regulation Aerial Kit, 2—4 1/2 Volt "C" Batteries. Very special complete as described No. 96530, \$85.50, less 2%, or \$83.79 net.

No. 96530
Complete, \$85.50
less 2% or
\$83⁷⁹
NET
Electric Operation

Melodian Console For Any 7x18 Radio

You can buy the Melodian Utah equipped console for use with any radio set you choose. It will fit any 7x18 panel or smaller. The set mounts in a drawer arrangement that slips in or out easily at will. The Melodian console has a wooden tone chamber and Utah unit giving a very beautiful tone with plenty volume. The Melodian Console has ample space for all batteries or power units. The battery compartment is back of the grille which swings open on hinges. When it comes to cabinet work and finish you cannot beat the Melodian. The wood is 5-ply walnut, hand-rubbed and high-lighted. A finish of surpassing beauty.

Melodian Console with Your Choice of 6 Chassis

At the lower right-hand corner of this page we give a complete schedule of prices on the Melodian Console in combination with our complete line of radio chassis as shown on pages 30 to 35. Study these low combination prices—you'll find them all right. Meet and beat all your local competition as well as mail order competition by featuring our line of radios and consoles. Exclusive selling rights and selling-advertising helps can be secured—Write us at once.

Melodian Console with
Utah Unit, less radio
set. No. 96518, list
\$44.50, less 40%, or
\$26.70, less 2%, or

26¹⁶
NET



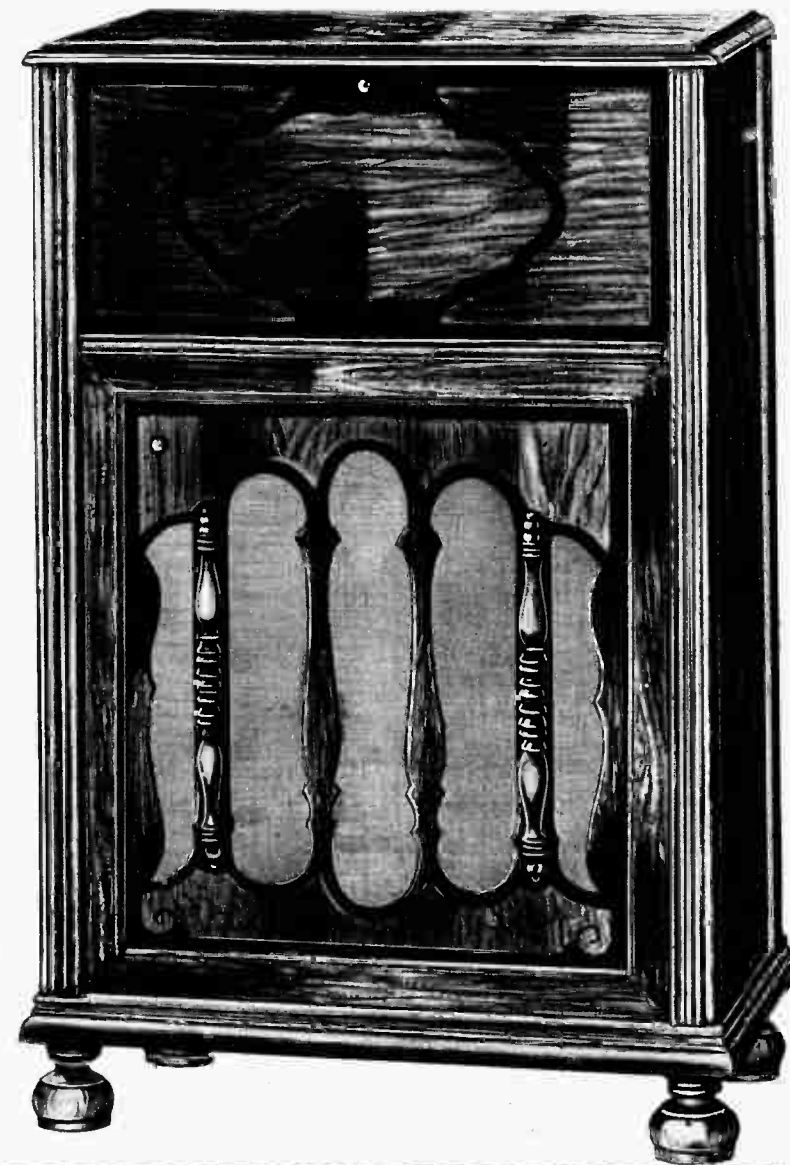
Practical in Size

The Melodian Console is just the ideal size. Not a large cumbersome piece of furniture, instead, just the proper size for smaller apartments and homes—of true artistic proportions. The dimensions are 25 inches wide, 15 3/4 inches deep and 43 inches high. Suitable for most all homes—something for dealers to push because of its universal use.

Quality is always of first importance and quality is in-built in the Rely-O-Dyne-Melodian combination. Price is also vitally important in this competitive day and age—so just study this astoundingly low price. Stock No. 96668. List price \$74.50, less 40%, or \$44.70 less 2%, or \$43.81 net.

This net price includes the Rely-O-Dyne chassis, the Melodian Console and the Utah loud speaking unit—less all other accessories.

43⁸¹
NET



Special Prices on Melodian and Radio Chassis Combinations

Rely-O-Dyne Chassis INCLUDING MELODIAN CONSOLE SPECIAL	Dreadnaught Chassis Including Melodian Console SPECIAL	Wright Chassis Including Melodian Console SPECIAL
No. 96653 List \$74.50, Less 40% or \$44.70, Less 2% or \$43⁸¹ NET See Page 31 for Rely-O-Dyne Data.	No. 96656 List \$69.00, Less 40% or \$53.40, Less 2% or \$52³³ NET See Page 34 for Dreadnaught Data.	No. 96654 List \$56.50, Less 40% or \$51.90, Less 2% or \$50⁸⁶ NET See Page 32 for Wright Data.
Brunelli-Jones Chassis Including Melodian Console SPECIAL	Inter-Ocean Chassis Including Melodian Console SPECIAL	Ace Chassis Including Melodian Console SPECIAL
No. 96652 List \$69.20, Less 40% or \$41.52, Less 2% or \$40⁶⁹ NET See Page 29 for Brunelli-Jones Data.	No. 96657 List \$122.40, Less 40% or \$73.44, Less 2% or \$71⁹⁷ NET See Page 35 for Inter-Ocean Data.	No. 96655 List \$35.00, Less 40% or \$57.00, Less 2% or \$55⁸⁶ NET See Page 33 for Ace Data.

REGAL CONSOLE



The Regal Console pictured here is a cabinet of outstanding value. The low list price is no indication of the quality as the finest woods are used throughout. Made of genuine walnut ply wood with striped mahogany overlays on the front doors. Ebony finished molding around the front gives an effect that is strikingly beautiful. The finish is guaranteed high grade varnish, hand-rubbed.

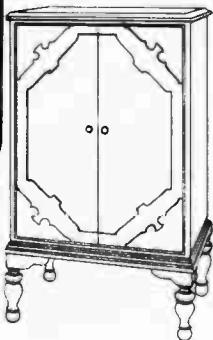
Deep-Tone Mellow Horn with Utah Loud Speaker Unit

The Regal Console has a most beautiful tone that reproduces voice and music with startling fidelity. The deep tone, long air column, mellow horn equipped with the Utah loud speaker unit, gives splendid reproduction so necessary nowadays with the critical public.

Regal Console
No. 96519
List \$59.00 Less 40%
or \$35.40 Less 2% or
\$34⁶⁹
NET
With Utah Unit

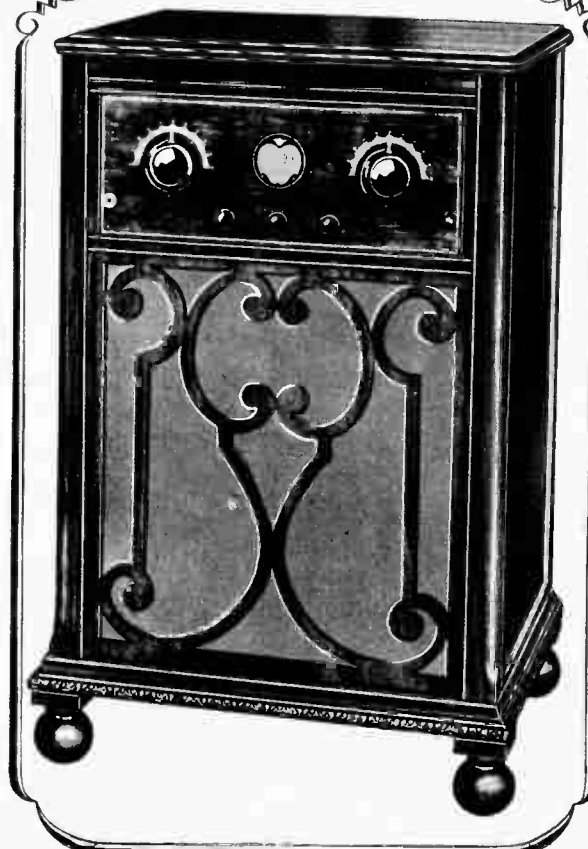
Real Furniture of Beauty

The Regal Console will satisfy every customer who buys it from you because of its convenience. The top raises giving access to the radio set and the front doors swing wide open, exposing the grille which can be removed to give access to the battery compartment and loud speaker.



The Regal Console is compact. It does not require a lot of space in the average room. The outside dimensions are 41 3/4 inches high, 21 1/4 inches wide and 18 inches deep. Dealers, get behind the Regal Console and your sales will surprise you.

PRINCESS CONSOLE



The Princess Console is a brand new 1927-28 design, exceedingly popular nowadays and one of America's outstanding values, because of the low price we quote. The Princess Console is made of genuine walnut ply wood beautifully finished and high lighted. The top raises giving access to the radio set in case adjustment is necessary. Equipped with a long air column, deep tone speaker and genuine Utah loud speaker unit. Also has plenty of battery space in the rear for either batteries or power units. Beautiful in appearance and most conveniently arranged for radio reception.

Ortho Type Speakers Give that Deep Rich Tone

The radio buying public this year are more critical than ever about the tone of their radios. The Princess console answers this problem with a long air column, deep pitched tone loud speaker that is equipped with a genuine Utah unit so that the reproduction of both voice and music is clear, mellow and covers the entire scale of audibility. A very attractive grille covers the loud speaker as well as the battery compartment. Access to same being from the rear of the console.

Fits most 7x18 Radios

Princess Console

No. 96517
List \$43.00 Less 40%
or \$25.80, Less 2% or
\$25²⁸
Net
With Utah Unit

The Princess Console will accommodate any radio set having a standard 7x18-in. panel, but is especially designed for any radio chassis listed below and which are priced exceptionally low in combination with the Princess console. Note for example the special low price of the Princess in combination with the Rely-O-Dyne 6-tube, two control chassis of only \$77.50 list, less 40% dealer's discount or \$46.50 less 2%. A value in radio that is outstanding, a job you should put in your stock right away.

Send us a trial order at once for the Princess console pictured above. You will see what a fine, handsome, good sounding console it is. Small and compact for the smaller apartment or living room. The dimensions are: 35 3/4 inches high, 23 1/2 inches wide, 17 3/4 inches deep. A real arm chair model, a console that will satisfy the multitude. Wise dealers will always display the Princess Console as a real radio value.

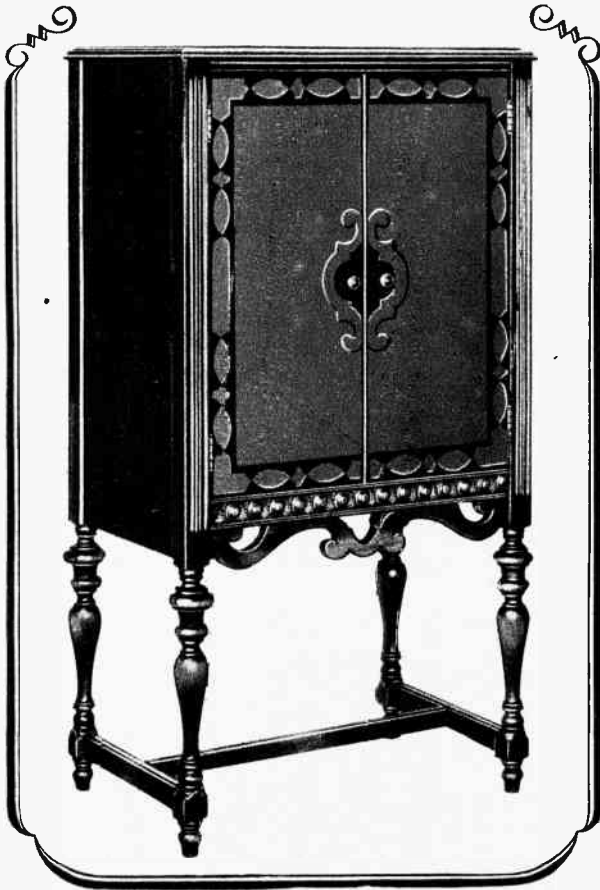
SPECIAL PRICES ON "REGAL" AND RADIO CHASSIS COMBINATIONS

<p>Rely-O-Dyne Chassis INCLUDING REGAL CONSOLE SPECIAL</p> <p>No. 96659 List \$89.00 Less 40% or \$53.40 Less 2% or See Page 31 for Rely-O-Dyne Data.</p> <p>\$52³³ NET</p>	<p>Dreadnaught Chassis Including Regal Console SPECIAL</p> <p>No. 96662 List \$103.00 Less 40% or \$61.80 Less 2% or See Page 34 for Dreadnaught Data.</p> <p>\$60⁵⁶ NET</p>	<p>Wright Chassis Including Regal Console SPECIAL</p> <p>No. 96660 List \$100.00 Less 40% or \$60.00 Less 2% or See Page 32 for Wright Data.</p> <p>\$58⁸⁰ NET</p>
<p>Brunelli-Jones Chassis INCLUDING REGAL CONSOLE SPECIAL</p> <p>No. 96658 List \$82.90 Less 40% or \$49.74 Less 2% or See Page 29 for Brunelli-Jones Data.</p> <p>\$48⁷⁵ NET</p>	<p>Inter-Ocean Chassis Including Regal Console SPECIAL</p> <p>No. 96663 List \$137.50 Less 40% or \$82.50 Less 2% or See Page 35 for Inter-Ocean Data.</p> <p>\$80⁸⁵ NET</p>	<p>Ace Chassis Including Regal Console SPECIAL</p> <p>No. 96661 List \$109.75 Less 40% or \$65.85 Less 2% or See Page 33 for Ace Data.</p> <p>\$64⁵³ NET</p>

SPECIAL PRICES ON "PRINCESS" AND RADIO CHASSIS COMBINATIONS

<p>Rely-O-Dyne Chassis Including Princess Console SPECIAL</p> <p>No. 96647 List \$74.00 Less 40% or \$44.40, Less 2% or See Page 31 for Rely-O-Dyne Data.</p> <p>\$43⁵² Net</p>	<p>Wright Chassis Including Princess Console SPECIAL</p> <p>No. 96648 List \$85.75 Less 40% or \$51.45, Less 2% or See Page 32 for Wright Data.</p> <p>\$50⁴² Net</p>	<p>Dreadnaught Chassis Including Princess Console SPECIAL</p> <p>No. 96650 List \$88.00 Less 40% or \$52.80, Less 2% or See Page 34 for Dreadnaught Data.</p> <p>\$51⁷⁴ Net</p>
<p>Brunelli-Jones Chassis Including Princess Console SPECIAL</p> <p>No. 96646 List \$68.00, Less 40% or \$40.80, Less 2% or See Page 29 for Brunelli-Jones Data.</p> <p>\$39⁹⁸ Net</p>	<p>Ace Chassis Including Princess Console SPECIAL</p> <p>No. 96649 List \$94.75, Less 40% or \$56.85, Less 2% or See Page 33 for Ace Data.</p> <p>\$55⁷¹ Net</p>	<p>Inter-Ocean Chassis Including Princess Console SPECIAL</p> <p>No. 96651 List \$122.40 Less 40% or \$73.44, Less 2% or See Page 35 for Inter-Ocean Data.</p> <p>\$71⁹⁷ Net</p>

TIVOLI CONSOLE



The proportions of the Tivoli Console are perfect. Not too large or too small. It stands 48 inches high, it is 26 inches wide and 17 inches deep. The right size for the average home. You will find the Tivoli one of your best sellers. A console that will give utmost satisfaction.

In the Tivoli, Mr. Dealer, you will find an exclusive design that every one of your competitors will not have this year. The Tivoli has unusual eye value in appearance equal to many cabinets costing a great deal more. In spite of the low price, only the finest of woods are used and the workmanship is careful and thorough. Made of genuine walnut ply wood in a two-tone high lighted finish. The front has satinwood overlay and two-tone ebonized border. We are particularly proud of the finish as it is genuine varnish, hand rubbed and hand polished.

**They Want Tone This Year
and the Tivoli has it!**

**TIVOLI CONSOLE
No. 96520**

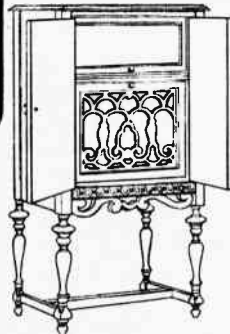
List \$60.50 Less 40%
or \$36.30 Less 2% or

\$35⁵⁷_{NET}

With Unit

Accessible From the Front

The Tivoli Console is equipped with a pure tone, long air column wood horn equipped with a Utah unit. Gives amazingly true reproduction of the voice and music without blast, but with a deep, rich tone.



The radio set is mounted in a drawer arranged to take a 7x18 inch panel which pulls out to give access to the radio in case attention is required. The front doors of the Tivoli Console swings back, exposing the grille which can be removed to give access to the battery compartment and loud speaker. Very convenient and handy.

SPECIAL PRICES ON "TIVOLI" AND RADIO CHASSIS COMBINATIONS

Rely-O-Dyne Chassis

INCLUDING TIVOLI CONSOLE

SPECIAL
No. 96655
List \$90.00
Less 40% or
\$54.00, Less
2% or

\$52⁹²_{NET}

See Page 31 or Rely-O-Dyne Data.

Wright Chassis

Including Tivoli Console

SPECIAL
No. 96666
List \$101.75
Less 40% or
\$61.05, Less
2% or

\$59⁸³_{NET}

See Page 32 for Wright Data.

Dreadnaught Chassis

Including Tivoli Console

SPECIAL
No. 96668
List \$104.00
Less 40% or
\$62.40, Less
2% or

\$61¹⁵_{NET}

See Page 34 for Dreadnaught Data.

Brunelli-Jones Chassis

including Tivoli Console

SPECIAL
No. 96664
List \$84.00
Less 40% or
\$50.40, Less
2% or

\$49³⁹_{NET}

See Page 29 for Brunelli-Jones Data.

Ace Chassis

including Tivoli Console

SPECIAL
No. 96667
List \$110.75
Less 40% or
\$66.75, Less
2% or

\$65¹²_{NET}

See Page 33 for Ace Data.

Inter-Ocean Chassis

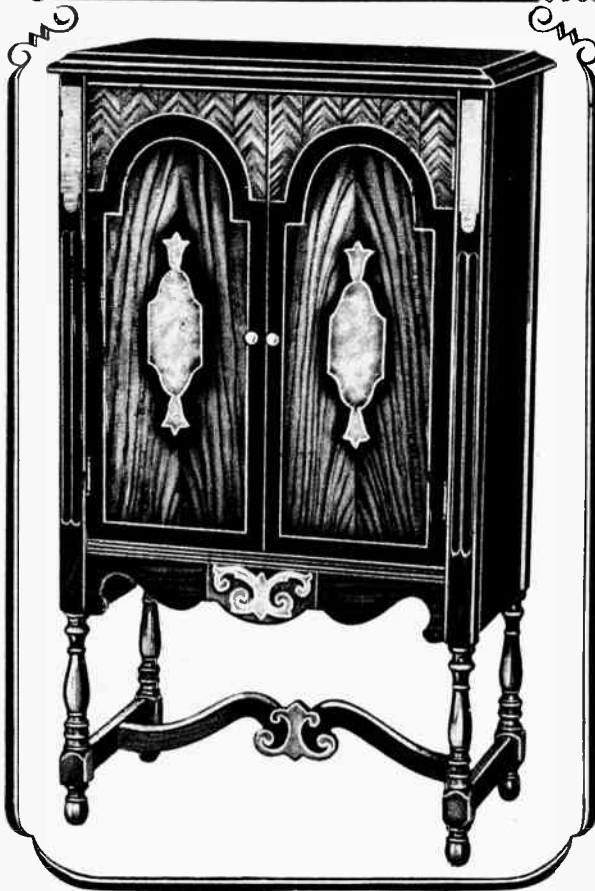
including Tivoli Console

SPECIAL
No. 96669
List \$138.00
Less 40% or
\$82.80, Less
2% or

\$80⁹⁴_{NET}

See Page 35 for Inter-Ocean Data.

VICTORIAN CONSOLE



The Victorian Console is just the right size for the average living room. The outside dimensions are 44 inches high, 26 $\frac{3}{4}$ inches wide and 16 $\frac{1}{4}$ inches deep. The design is one that will appeal to the feminine eye particularly and already has proven to be a tremendously popular seller with our trade.

Pictured here is the Victorian Console in all its splendor and beauty. Another perfect example of the woodworkers' craftsmanship. Made of genuine walnut ply wood with figured maple overlays on the posts and herringbone mahogany overlays on the doors. The doors also have a beautiful Acacia overlay on the center. The bottom stretcher and the bottom apron of the Victorian Console is also trimmed with curly maple scroll overlay, all giving a most beautiful effect. The doors swing outward, exposing the radio and loud speaker grille which is unusually beautiful in design.

Beautiful Tone from Long Air Column Deep-Tone Horn

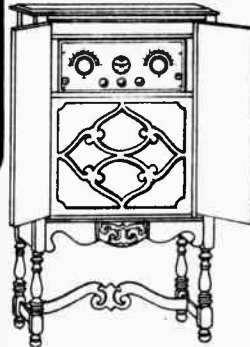
VICTORIAN CONSOLE

No. 96521
List \$69.00 Less 40%
or \$41.40, Less 2% or

\$40⁵⁷
Net

With Utah Unit

One of the outstanding features of the Victorian Console is the tone quality obtained thru use of an extra long air column, deep tone horn, scientifically designed to give best results with the Utah Unit that it is equipped with. Mr. Dealer, the public is interested in good tone reproduction and that is one of the strongest features of the Victorian Console.



Accessible Thru Front

The front grille is removable, giving access to the battery compartment as well as the loud speaker. There is plenty of room for batteries or power units, whichever are to be used. The top lifts up giving access to the radio set if adjustments are necessary

SPECIAL PRICES ON "VICTORIAN" AND RADIO CHASSIS COMBINATIONS

Rely-O-Dyne Chassis

Including Victorian Console
SPECIAL

No. 96671
List \$98.00
Less 40% or
\$58.80, Less
2% or

\$57⁶²
Net

See Page 31 for Rely-O-Dyne Data.

Wright Chassis

Including Victorian Console
SPECIAL

No. 96672
List \$109.75
Less 40% or
\$65.85, Less
2% or

\$64⁵³
Net

See Page 32 for Wright Data.

Dreadnaught Chassis

Including Victorian Console
SPECIAL

No. 96674
List \$112.00
Less 40% or
\$67.20, Less
2% or

\$65⁸⁶
Net

See Page 34 for Dreadnaught Data.

Brunelli-Jones Chassis

Including Victorian Console
SPECIAL

No. 96670
List \$92.00
Less 40% or
\$55.20, Less
2% or

\$54¹⁰
Net

See Page 29 for Brunelli-Jones Data.

Ace Chassis

Including Victorian Console
SPECIAL

No. 96673
List \$128.75
Less 40% or
\$77.25, Less
2% or

\$69⁸³
Net

See Page 33 for Ace Data.

Inter-Ocean Chassis

Including Victorian Console
SPECIAL

No. 96675
List \$146.00
Less 40% or
\$87.60, Less
2% or

\$85⁸⁵
Net

See Page 35 for Inter-Ocean Data.

VALENCIA CONSOLE



The Valencia is a true reproduction of an Eighteenth Century Spanish design. An exquisite piece of furniture that anyone will be proud to own. Appropriate for nearly any type of decoration. Built by master craftsmen, equalling the finest furniture made. The doors are of Butt Walnut with Birdseye maple overlay in antique high lighted finish. All the wood used is genuine walnut 5-ply, hand-rubbed and hand finished. Such workmanship you only see in furniture selling at double the price. The public is educated to look for the finest and wise dealers will specialize in selling good radio consoles.

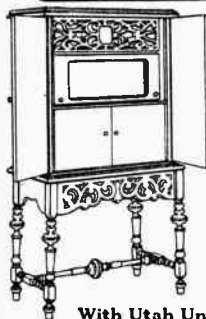
Built-In Pure-Tone Speaker With Utah Unit

Built into the Valencia Console is a very fine wood tone chamber loud speaker, equipped with a Utah unit. This gives a quality of radio reception in keeping with the quality of the furniture. Beautiful tone with plenty of volume comes through the very handsome grille when the doors are open.

Valencia Console
No. 96522

List \$81.00 Less 40%
or \$48.60 Less 2% or

\$47⁶³
NET



With Utah Unit

Many New and Exclusive Features

New patented swing back hinges on the doors are used so that they fold all the way back if desired. The front grille is removable, giving access to the battery compartment as well as to the loud speaker. The radio set is mounted on a drawer to accommodate 7x18-inch panel, which pulls out to give access to the radio in case adjustment is necessary.

The Valencia Console is beautifully proportioned. It is 54½ inches high, 28 inches wide and 17½ inches deep. Not too large for the average room. Its graceful lines, exquisite finishing and scientifically correct radio features make it a desirable console to push. We strongly recommend the Valencia.

SPECIAL PRICES ON "VALENCIA" AND RADIO CHASSIS COMBINATIONS

Rely-O-Dyne Chassis INCLUDING VALENCIA CONSOLE SPECIAL

No. 96677
List \$110.50
Less 40% or
\$66.00 Less
2% or
\$64⁶⁸ Net
See Page 31 for Rely-O-Dyne Data.

Wright Chassis Including Valencia Console SPECIAL

No. 96678
List \$121.75
Less 40% or
\$73.05 Less
2% or
\$71⁵⁹ Net
See Page 32 for Wright Data.

Dreadnaught Chassis Including Valencia Console SPECIAL

No. 96680
List \$124.00
Less 40% or
\$74.40 Less
2% or
\$72⁹¹ Net
See Page 34 for Dreadnaught Data.

Brunelli-Jones Chassis INCLUDING VALENCIA CONSOLE SPECIAL

No. 96676
List \$104.00
Less 40% or
\$62.40 Less
2% or
\$61¹⁵ Net
See Page 29 or Brunelli-Jones Data.

Ace Chassis Including Valencia Console SPECIAL

No. 96679
List \$130.75
Less 40% or
\$78.45 Less
2% or
\$76⁸⁸ Net
See Page 33 for Ace Data.

Inter-Ocean Chassis Including Valencia Console SPECIAL

No. 96681
List \$158.50
Less 40% or
\$95.10 Less
2% or
\$93²⁰ Net
See Page 35 for Inter-Ocean Data.

OUTSTANDING BARGAINS~SURE-FIRE SELLERS

For Panel
9"x29" or Smaller



Two-Tone WALNUT HIGHBOY

Extra Wide

A very attractive and distinctive console that will accommodate panels up to 9x29 inches. Furnished with blank panel which can be cut to fit any smaller sized panel. Battery space is large enough to accommodate any combination of power unit. Made of kiln dried, 5-ply walnut and equipped with an exceptionally well made horn speaker with fine tone quality. Outside dimensions: Height, 45 inches; width, 33 1/4 in.; depth, 15 1/4 in.

No. 93324---Complete
With Unit
Each \$27.05 Less 2% or

\$26⁵¹
Net

Also Sold Without Unit at
\$24.40 less 2% or \$23.92 net

For Panel
9"x20" or Less



Two-Tone WALNUT CONSOLE

One of the most attractive and distinctive consoles on the market. Made of 5-ply walnut and furnished in a rich duo-tone. Our low price includes the fine Utah Unit. Decorative grille and well designed doors and legs. Outside dimensions: Height, 45 1/2 in.; width, 25 1/4 in.; depth, 14 1/4 inches.

No. 93323

Each \$24.45 Less
2% or

\$23⁹⁶
Net



RADIO CABINET

With 7 ft.,

Long-Air-Column Horn

A very beautiful chest model with built-in 7 ft. horn and Utah Unit. Removable grill in front gives easy access. Made of genuine Walnut Plywood. Doors are of stump Walnut with rich mahogany and acacia overlays. Set compartment pulls out like drawer. Panel size 26" x 10" or smaller, 15" deep. Overall height 55", width 29", Depth 19 1/4".

No. 96753 With Unit
List \$125.00
Each \$75.00
Less 2% or

\$73⁵⁰
Net



WALNUT CONSOLE TABLE

With Battery Space and
Speaker Shelf

This console table will accommodate the majority of table model sets. Has high grade rubbed varnish finish and genuine maple overlay. Large battery compartment and speaker shelf (No Speaker). Outside dimensions: Height, 30 in.; width, 30 in.; depth, 15 in.

No. 96750
Each \$16.50
Less 2% or

\$16¹⁷
Net

A FINE TABLE For 7x18 Cabinets

This console table has ample battery space and door opens in front for easy access. Made of genuine mahogany ply wood (top and door edged banded). Decorated with real overlay. 22 1/2 inches long, 30 inches high and 13 1/4 inches deep.

With Sliding Shelf for Speaker



No. 96751
Each \$9.15
Less 2% or

\$8⁹⁷
Net



A GORGEOUS RADIO TABLE

With Built-in Speaker

This genuine walnut ply wood has real birds' eye maple overlay—a rich, rubbed varnish, walnut finish. Abundant space for power units. Complete with high grade wood horn and Utah unit. Outside dimensions: Height, 30 inches; width, 38 inches; depth, 18 inches.

No. 96752
Each \$20.35
Less 2% or

\$19⁹¹
Net

1928 IS A LONG-AIR COLUMN YEAR

Consoles illustrated on the opposite and following pages come with blank panels and any radio set may be fitted into them with a front panel not exceeding the dimensions stated. All consoles are equipped with the modern, deep tone long air column tone chambers and come equipped with a high-grade unit.

MAKE REAL SUBSTANTIAL PROFITS BY SELLING THESE HIGH GRADE CONSOLES



SPEAKER AND BATTERY COMPARTMENT COMBINED

A fine speaker console, walnut finish, with long air column deep-tone horn, that will accommodate all batteries. Space for batteries measures 18 1/4" x 15 1/4" and is 12 1/4" high. Ample for all power units. Fine workmanship. Overall dimensions 23 1/4" wide, 18" deep, 28" high.

No. 96620 with Utah Unit.
List \$40.00.
Each \$24.00
Less 2% or
\$23.52
Net

Model 20 Console



A console of beautiful design. Decorative overlay, raised panel at top of doors. Is of imported wood laid into marquetry with a panel of English Burl walnut in center. An exceptionally well proportioned console with long air column horn and excellent Utah unit. Accommodates set with 10" x 21" or smaller panel front. Overall dimensions: Height 43 1/2", Width, 25 1/2", Depth 21 1/2". Ample space for power units.

No. 96621 With Unit
List \$95.00
Each \$57.00, Less 2% or

\$55⁸⁶
Net



A Startling Value at the Low Price of

\$73⁵⁰
NET

THE INTERMEZZO

A console of the strictly ortho-type design so popular now. The eye value of this cabinet is wonderful. The two doors in front are of the most select matched butt walnut and made in perfect pairs. The center carved medallion sets off the beautiful antique Spanish brass pull. Has ample space for the average power unit but will not accommodate the large size Philco "A" and "B." Different type horn supplied on special requests to accommodate these large size units.

Outside Dimensions

Width, 30 inches. Height, 42 inches.
Depth, 20 inches.
Panel size, 9 x 24 inches or smaller.
The Intermezzo carries an air of refinement and elegance that distinguishes it from all the rest.

No. 94972

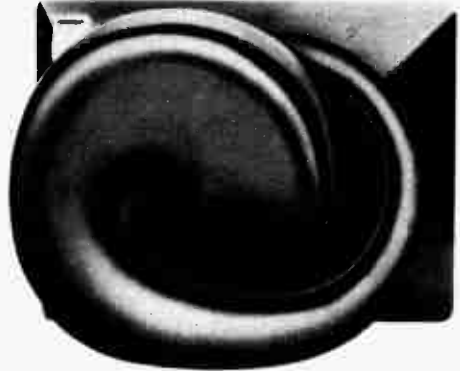
Complete With Unit

List \$125.00
Each \$75.00, Less 2%, or

\$73⁵⁰
Net

THE HARRY ALTER CO., CHICAGO, ILLINOIS.

LONG AIR-COLUMN HORNS WITH UTAH UNITS



The popular demand today is for long-air column speakers that reproduce voice and song faithfully. These excellent tone chambers shown here come equipped with the fine Utah Units. Dealers will do well to have them in stock as a demonstration will easily sell them. Sizes are given to show what space is required. Can be built into console or into any piece of furniture. Long extension cor permits placing of speaker away from set proper.

WITH REGULAR UTAH UNIT

No.	Front	Depth	Air Column	List	Each
96616	20"x24 1/2"	11 1/2"	10 Ft.	\$22.00	\$12.00

WITH UTAH DE LUXE UNIT

96617	20"x24 1/2"	11 1/2"	10 Ft.	\$20.00	\$13.20
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Smaller Size 5 Ft. Tone Chamber With Utah Unit					
No.	Front	Depth	Air Column	List	Each
96618	21"x9"	12"	5 Ft.	\$13.00	\$7.80

12 FT. TONE CHAMBER WITH DE LUXE UNIT

96619	42"x27"	18"	12 Ft.	\$30.00	\$18.00
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WONDERFUL FURNITURE~AMAZING VALUES

WALNUT CONSOLE

For Electric or Battery Equipped Set



This entire console is finished in lacquer, hand rubbed to a smooth semi-dull surface, that characterizes all the better furniture. Top and ends are faced with beautifully figured walnut. Front is butt walnut, embellished with molded grille, carved wood moldings, overlays and turnings. Radio rests on sliding table. Furnished

with exceptionally fine horn and high class unit. Height 50½", Width 30½", Depth 18½". Furnished with plain panel.

No. 96760

List \$95.00. Each \$57.00. Less 2% or

\$55.86
Net



Height 51", Width 27", Depth 18".

No. 96762

List \$87.00. Each \$52.20. Less 2% or

**PRICE INCLUDES
BALDWIN RIVAL
UNIT**

With Unit
\$51.16
NET

WELL-DESIGNED Commodious Console

Has ample space for most standard sets. Sliding table permits easy access to set. Top and ends are sliced walnut. Beautiful molded grille. The entire console is finished in lacquer, hand-rubbed to a smooth, semi-dull surface. Console presents a most striking appearance. Ample room for all power units. Furnished complete with horn and unit. Height 53" Width 27½", Depth 18". The Console that



created a real sensation at the R. M. A. Show. A fitting ornament for any living room.

No. 96761

List \$89.00. Each \$53.40. Less 2% or

\$52.33
Net

A Popular Orthophonic Type Console

Probably no design has taken the public's fancy in such a degree as the orthophonic type console illustrated to the right.

The hinged top lid gives easy access to the radio set. Furnished with blank panel. Carefully finished in lacquer, hand-rubbed to a fine semi-dull finish of velvety smoothness. Height 43", Width 28", Depth 18". With Horn and Unit.

No. 96763

List \$71.00

Each \$42.60

Less 2% or

\$41.75
NET



**EACH CONSOLE
EQUIPPED WITH
BALDWIN RIVAL
UNIT**

DE LUXE CABINETS of EXQUISITE DESIGN

English Walnut Type

This cabinet with its massive doors distinctly suggests class. No cheap, flashy effect, but quality throughout. Every piece of wood is matched and the grain is very carefully selected for proper effect. The paneling of the door is done with exceptional attention to proper and detailed finish. Arm rest panel and "Full-Swing" Doors are both added conveniences. It is equipped with 84-in. air-column horn.

Price Quoted Includes Baldwin Exponential Unit



No. 96765
List \$122.00 Each, **\$71⁷⁴**
\$73.20 Net
Less 2% or

EVERY CONSOLE PRICED COMPLETE WITH BALDWIN RIVAL UNIT

Prominent Features of the DE-LUXE Cabinets

First we want to speak briefly on the wonderful appearance, the superb finish, the elegant lines and the truly massive impression created by these DE-LUXE Cabinets. They are distinctly exclusive models and are far ahead of anything offered previously in the line of Radio Consoles. Unfortunately our pictures are unable to convey to you the excellent blending of the overlays with matched wood and the subdued spattering of polychrome coloring on two of the models. They are truly Masterpieces of cabinet work.

Constructional Features

All equipment is accessible through the front of the cabinet, a convenience that will be greatly appreciated by everyone. The doors on all cabinets swing entirely around, as they are equipped with "Full-Swing" hinges. The set fits into a sliding drawer (9x26x14 in.), large enough to accommodate the majority of the standard sets. An additional arm rest panel is included in the design. Ample space is provided for all batteries or power units. Overall Dimensions: Height 52 in., width 29 in., depth 16 in.

84 Inch Air Column Horn

No effort has been spared to provide a splendid speaker of the new type long-air column type and exponential unit to provide that orthophonic type tone quality universally demanded.

THE 3 DE - LUXE CABINETS ARE EXCLUSIVELY DISTRIBUTED BY HARRY ALTER IN CHICAGO

Tudor Mahogany Type

In this type the doors are beautifully embellished with a vase and flower design, which is further enhanced by a subdued, polychrome treatment. The lower door is made of specially grained, matched wood and paneled in a graceful way. The treatment of the legs and the stretcher are in complete harmony with the design.



Full 84° Air Column Speaker

For all dimensions and constructional data see general description above. The high-class long-air column horn with Baldwin Exponential Unit gives wonderful tone quality.

No. 96767, with horn and unit, List \$132.75
Each \$79.65. Less 2% or **\$78⁰⁶**
Net

PRICED WITH BALDWIN RIVAL UNIT

Italian Walnut Type

Suggestive of the stately Italian Renaissance Period. An original paneled door design that also has a spattering of polychrome coloring, subdued in such a manner as to give it antique characteristics. A Period model that will be a welcome addition to any type of room. The roomy set compartment (9x26x14 in.) will accommodate almost all standard sets.



OUTSIDE DIMENSIONS
Height 52", Width 29", Depth 16"

The well-designed legs are further enhanced by hand carvings and the graceful stretcher is in complete harmony with the style of the cabinet. Constructional features are explained in upper right panel.

No. 96766. Complete with Baldwin Exponential Unit. List \$135.50. Each \$81.30
less 2%, or **\$79⁶⁷**
Net

PRICED WITH BALDWIN RIVAL UNIT

GENUINE NEWCOMBE-HAWLEY CONSOLES

WITH our full conviction and our complete backing, we unreservedly say that the NEWCOMBE-HAWLEY Reproducers are the finest ever made. So much better, so much clearer in tone and so much greater is the frequency range, that a demonstration of these splendid consoles will always result in a sale. The low pitch, made possible by the 86-inch TONE TRAVEL, gives all musical renditions a quality that surpasses anything so far offered.

ALL ARE EQUIPPED WITH GENUINE NATHANIEL BALDWIN UNITS



"SONATA"

Console (Without Doors)

The SONATA Console provides space on both sides for all batteries, charger, etc. Full 86-inch tone chamber with matched Nathaniel Baldwin unit. Attractive grill work adds definite charm. Dealers don't be without this \$44.10 net. Height 34 in.; width 36 1/4 in.; depth 16 1/4 in.

\$44.10
Net

The OPERETTA CONSOLE is designed to fit the average table model radio. The Operetta does not accommodate batteries, as all space is taken up by the 86-inch tone chamber.

Made of the highest grade 5-ply walnut, tongued and grooved, and guaranteed not to warp or check. With 25-foot cord for remote control operation. Takes mere whisper or extreme volume without distortion. Height 33 inches; width 28 1/2 inches; depth 15 1/2 inches.



OPERETTA CONSOLE

No. 94831

List \$65.00,
Less 40% or
\$39.00, Less
2% or

\$38.22
NET



"SONATA"

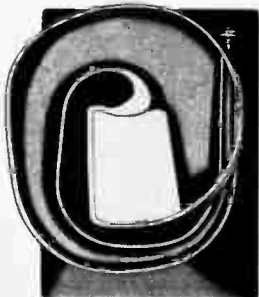
Console (With Doors)

This model is similar in every respect to No. 94832, but has doors to close and protect the grill. Consoles have that quiet atmosphere of refinement and lend themselves to the interior of any home. With genuine Nathaniel Baldwin Unit.

No. 94833
List \$85.00,
Less 40% or \$51.00
Less 2% or

\$49.98
Net

A Cross Section of the New, Wonderful 86-Inch Horn



Probably the most outstanding acoustical development of this year is the Newcombe-Hawley Horn, fully 86 inches long and so perfectly shaped as to give absolute true tone reproduction. Exhaustive tests, conducted over a long period of time, finally resulted in this perfect tone chamber. Every Newcombe-Hawley Console comes equipped with this 86-inch horn and a genuine Nathaniel Baldwin Unit.

Dealers can obtain one of the 86-inch Tone Chambers bare, without console for demonstration purposes at \$25.00 net with unit. Write for details.



Full 86-Inch
Tone Chamber
with Baldwin
Unit



Drum Speaker

No. 94899

List \$32.00
Each \$19.20—
Less 2% or
\$18.82
NET

A very beautiful reproducer, finished in attractive dark brown. Not a horn, nor a cone, but a scientifically constructed tone chamber. Nothing to adjust. Equipped with matched Nathaniel Baldwin Unit. The peer of them all!



SYMPHONIC CONSOLE

A console that will accommodate your set. Top opens up for easy access. Plenty of room for all batteries. Beautiful appearance and attractive walnut finish. Doors completely cover the grill and set. 86-inch tone travel and genuine Nathaniel Baldwin Unit. Wonderful tone reproduction. Height 44 inches, width 36 1/4 inches, depth 16 1/4 inches.

No. 94834
For Panel 28 1/2 inches or smaller
No. 94899
For Panel 32 1/2 inches or smaller
List \$125.00—Each \$75.
Less 2% or

\$73.50
Net

ADLER-ROYAL CONSOLES of DISTINCTION

ADLER-ROYAL Model 101

This Chest model has that atmosphere of refinement and charm of design that will particularly appeal to the feminine taste. The treatment of the door is graceful and the particularly fine, matched finishes of the panels makes it a very desirable model.



COMPLETE WITH RIVAL UNIT

OVERALL DIMENSIONS
Height 48 1/4", Width 27", Depth 17 1/2"

The Panel size is 20 1/2" x 9 3/4" and will accommodate the majority of sets. Sliding drawer type. Battery Compartment provides ample space for power units. A console with real ADLER-ROYAL workmanship

No. 96632—With Exponential Unit
List \$83.50
Each \$50.10
Less 2% or

\$49¹⁰/_{Net}

Three examples of extra fine treatment of the popular chest design. If you want to show your customer an exclusive pattern, the ADLER-ROYAL models will admirably fill the bill. A most stunning walnut finish.

ADLER-ROYAL Model 104

Here is a chest model that is ideal for the majority of sets. The set is placed in the sliding drawer and the front panel measures 26 1/4" x 9 3/4" in. There is plenty of room for the batteries, the space allotted measuring 16 1/4" x 14 in. and 10 3/4" in. high. Equipped with a high grade wood horn and a genuine Baldwin Rival unit. The walnut finish is not of the ordinary kind but has the rich finish always associated with high quality furniture. Spanish type hardware in the center gives it a stunning appearance. Overall dimensions: Height 52 1/4 in., Width 34 1/2 in., Depth 18 1/4 in. No. 96631 with Exponential Unit
List \$121
Each \$72.60
Less 2% or

\$71¹⁵/_{Net}

PRICED COMPLETE WITH BALDWIN RIVAL UNIT



TWO NEW DESIGNS THAT SELL

Made by Showers Model 445

A genuine walnut, four-way matched veneer console of the popular orthophonic type construction. Equipped with multiple air-column horn and most excellent unit. Universal in adaptability as it practically accommodates any set. Has fluted pilasters and top lifts for easy access to set. Sufficient space for all batteries and eliminator. The console that has captured the fancy of the radio trade. Get your sample now. Top 18x30 in. Height 43 in.

No. 96623 \$44¹⁰/_{Net}
List \$75
Each \$45
Less 2%



SHOWERS Model 440

Beautiful walnut veneer, 5-ply. Comes with high grade 20-in. cone end unit. Ample space for battery equipment. Top lifts for easy access to set. Will fit majority of sets. Very fine decorative grille arrangement. Cone has very fine quality of reproduction. An outstanding value from every standpoint. Top 18x30 in. Height, 43 in.

No. 96624
With Large Size Excellent Cone. \$29⁴⁰/_{Net}
List, \$50.00.
Each \$30.00 Less 2% or

No. 96622
With Long Air Column Tone Chamber. List \$55. Each, \$33
Less 2% or \$32³⁴/_{Net}



ADLER-ROYAL Model 103

The doors of this ADLER-ROYAL model are made of matched Butt Walnut and particularly selected for their beauty of grain. The Spanish hardware, as well as the bird's-eye maple inlay on bottom gives it a distinct air of charm. Battery compartment measures 14 1/4" x 14 1/4" in. and is 10 3/4" in. high. Set compartment is sliding drawer (24 1/2" x 9 3/4" in.). No. 96630. With exponential horn and unit.

List \$101.00 \$59³⁹/_{Net}
Each \$60.60
Less 2% or

Complete With Baldwin Rival Unit



SOMETHING STARTINGLY NEW

AMPLIOGRAPH THE PERFECT and COMPLETE PHONOGRAPH PICKUP Makes Combination Radio and Phonograph

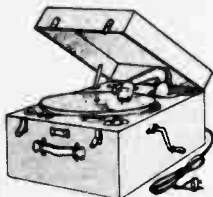


**TABLE MODEL WITH COMPARTMENT
For Batteries and Records.**

A complete unit that fits in with any radio set. Can be used in combination with cabinet model radio or console. A necessary addition to the proper demonstration of radio sets in your store. Sets on demonstration.

PORTABLE MODEL

The Portable Model in its attractive and well made case is preferred by many, although the drawer model can also be used for the same purpose. No dealer can afford to be without it. Reproduces records with marvelous fidelity. Set equipped with power tubes will give better reproduction. Connected in a minute to any radio set. Switch on AMPLIOGRAPH instantly changes from record to radio.



Combinations of Radio Sets and Phonographs have opened up new and immense sales possibilities for the radio dealer. The public demand for an electric pick-up of phonograph records with the aid of the radio set is taking greater proportions every day. The Ampliograph with its new and unique attachment allows the change from radio to phonograph by merely tuning a switch. Phonograph has no sound chamber and the adapter for detector socket remains connected permanently. Not a make-shift but a complete unit that can be attached to any radio set. Volume control enables you to get sound from mere whisper to full tone.

EVERY DEALER NEEDS IT

Every dealer needs an AMPLIOGRAPH as it enables him to demonstrate sets at any hour of the day perfectly. No local interference to mar demonstration. Make two sales at one time.

IMMENSE PUBLIC DEMAND

The new interest in phonograph records is clearly shown by the demand for new selections. Solicit your old set customers and you will find that in many cases you can sell them this fine phonograph combination. A demonstration in your store will not only help you sell radios but will result in making two sales to the same customer.

SPRING TYPE MODELS

TABLE AND PICKUP

The illustration to the left shows the substantial radio table with built-in AMPLIOGRAPH drawer model. Radio set can be placed on top and ample room is provided for batteries or power units in the right compartment. Beautiful table with 5-ply Walnut top and front. Finished in hand-rubbed Walnut and high-lighted. Size: 33" wide, 20" deep, 32" high.

No. 96779. Complete Model. List \$62.50.

PORTABLE MODEL

The AMPLIOGRAPH Portable is contained in attractive case and can be carried easily. Remember it can be connected to any radio set. Size: 12" wide, 16" deep and 12" high.

No. 96780. Model 4 Complete with long attachment Adapter. List \$55.00.

AMPLIOGRAPH DRAWER

This Model 4 can be placed either into consoles or exposed anywhere in the room, as it is nicely finished. A complete unit in itself and furnished with long cord and special adapter. Attach to any radio set. Size 12" wide, 16" deep and 11" high including tone arm and volume control.

No. 96781. Model 5 as illustrated without table console. List \$50.00.

MOTOR DRIVEN MODELS

The above 3 models can also be furnished in the motor driven type. No winding necessary. Equipped with noiseless, high grade motor that permits continuous operation.

TABLE WITH AMPLIOGRAPH AND MOTOR

No. 96782. Model 1A—List \$112.50. Each \$67.50 Less 2%

PORTABLE MODEL WITH MOTOR

No. 96783. Model 4A—List \$85.00. Each \$51.00, Less 2%

AMPLIOGRAPH DRAWER MODEL

No. 96784. Model 5A—List \$80.00. Each \$48.00, Less 2%

PAL PORTABLE PHONOGRAPHS

The finest Portable ever made. Easy to take anywhere—touring, boating, camping, etc. Compact, easy to carry. It is superior in every way—in construction, in durability, in tone quality. Has many exclusive features.

PAL STANDARD \$25 Retail

Equipped with a heavy-duty double spring motor which plays three records with one winding. Carries latest type of tone arm and metal shielded reproducer. Large built-in record album. Genuine DuPont Fabricoid with embossed border. 16 lbs. Supplied in black, blue or brown finish. 15 1/4" x 12" x 7 3/4".

No. 91981. List \$25.00. Each \$12.95, Less 2%, or **\$12.69** Net

PAL JUNIOR \$15 Retail
With new type metal shielded reproducer and large built in record album. 2 records with one winding Du Pont Fabricoid finish. 11 3/4 lbs. Black, Blue or Brown Finish. 13 1/4" x 11 1/2" x 7 3/4".
No. 91982. List \$15. Each \$8.95, Less 2%, or **\$8.77** Net

KIDDIE PORTABLE \$10.00 Retail
A real Portable Phonograph for the kiddie. Light, compact and sturdily built. Plays four 7-inch Little Tot and Playtime records with one winding. Plays 10" records also. A real treat in the way of a toy. Waterproof, bright covering. 7 1/2 lbs. 12" x 11 1/4" x 3 3/4".
No. 91979. List \$10.00. Each \$5.95, Less 2%, or **\$5.83** Net

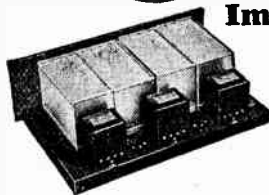


AS FINE A PRESENT AS YOU CAN GIVE FOR ANY OCCASION

SM

SILVER-MARSHALL

SM



Improved 1927-28 SHIELDED-SIX Complete Kit

One of the highest types of receivers ever developed. 3 stages of T. R. F., 1 detector and 2 audio. All coils and condensers are matched, giving absolute uniformity. 2 controls only. Steel chassis 19 1/2" long and 12" deep carries all instruments. Bronze front panel 7" x 21", finished in walnut. Assembly is remarkably simple. Flexible hook-up wire may be used without soldering. Each kit carries complete instructions and diagrams.

No. 93398 Complete kit with instructions.
List, \$95.00 Each, \$57.00 less 2% or

\$55.86
NET

SILVER SHIELDED SIX

COMPLETE A. C. OPERATION

The new Silver Six for A. C. operation uses four CX-326, one C-327 and one CX-371 Tubes. A receiver with the finest tone quality and most up-to-date constructional features. SILVER-MARSHALL enables anyone to build an A. C. set that is sure to give complete satisfaction. This is a special model with push-pull 371 power amplifier. Contains all parts necessary and operates with power pack No. 652A. This Kit is ready for immediate shipment.

SILVER SHIELDED SIX FOR A. C. OPERATION

No. 96996 Type 630AC.....List \$99.00 Each \$59.00

POWER PLANT

No. 96997 652A—Unwired.....List \$36.50 Each \$21.90
No. 96998 656A—Wired.....List 40.50 Each 24.30

SILVER-MARSHALL RESERVOIR "B"

Tubes needed for this "B" power supply are the CX113 rectifying tube and CX374 Glow Tube. Contains all necessary parts. No "motorboating" will be experienced with the 652 unit. Complete instructions with kit.

- 1 S-M 329 Power Transformer
- 1 S-M 331 Unichoke
- 1 S-M 332 Condenser Bank
- 2 S-M 511 Tube Socket

- 1 S-M 653 Resistor
- 1 Steel Base, Drilled, Nuts, Screws, Wire
- 1 set of Complete Instructions

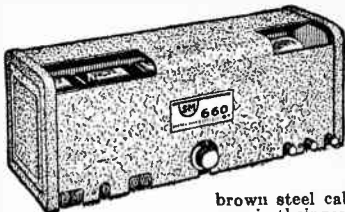
No. 93484 Complete
List, \$34.50 Each, \$20.70
Less 2% or

\$20.29
NET

S-M635 SHORT WAVE KIT

Range 18-150 meters. Contains set of Plug-In Coils, coil socket, antenna coupling condenser and pair of tuning condensers. With instruction book.

No. 93363 Complete Kit.....List, \$23.00 Each, **\$13.80** Less 2%



SILVER-MARSHALL UNI-PACKS

S-M "UNI-PACKS" are Push Pull Power Packs, contained in attractive crackle-

brown steel cabinets. They are the peer in their respective field. Universal application as phonograph amplifier, two-stage amplifier, "B" supply and will also be supplied as complete ABC power supply for new A. C. Tubes (special model). Complete circular supplied on request.

660-210 UNIPACK

Uses 2 316-B (or 381), 1 CX-374, and two 310 Power Tubes. Priced less Tubes.

No. 96842 UNWIRED.....List \$83.25 Each \$49.95

No. 96843 COMPLETELY WIRED.....List 93.25 Each 55.95

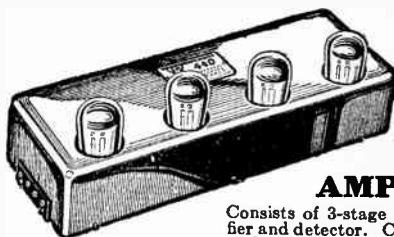
660-171 UNIPACK

Uses 85 Mil. Q. R. S. Rectifier, 1 CX-374 and 1 CX-371 Tubes. Priced less Tubes.

No. 96844 UNWIRED.....List \$64.00 Each \$38.40

No. 96845 COMPLETELY WIRED.....List 74.00 Each 44.40

We can also furnish Blocks and Resistors separate



S-M 440 Jewelers Time Signal AMPLIFIER

Consists of 3-stage T. R. F. amplifier and detector. Completely wired and sealed in copper case (15" x 5" x 3") and tuned to 112 K. C. (2677 meter wave length of Arlington Station). Uses 301A tubes.

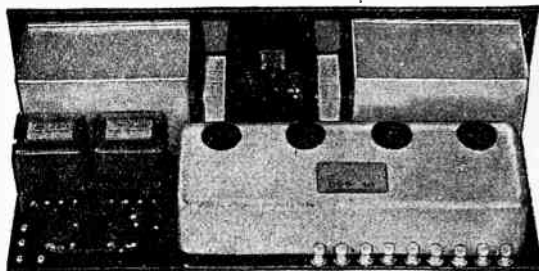
No. 96846.....List \$35.00 Each \$21.00

NEW SILVER SUPER

COMPLETE KIT

- 1 Van Dorn Panel and Chassis with hardware
- 1 Carter .00015 Condenser with Clips
- 1 Carter 200 ohm. Potentiometer
- 2 Tube 1/2 mfd. By-pass Condensers
- 1 Carter 3 ohm. Rheostat
- 4 Carter Tip Jacks, No. 10
- 1 Carter Battery Switch
- 1 Tube 2 megohm Grid Leak
- 2 Silver-Marshall Audio Transformers, No. 223
- 4 Silver-Marshall Sockets, No. 511
- 2 Silver-Marshall Drum Dials, No. 805
- 1 Silver-Marshall R. F. Choke, No. 275
- 1 Silver-Marshall Condenser, No. 342
- 1 Silver-Marshall Time Signal Amplifier, No. 440
- 2 Silver-Marshall Coil Sockets, No. 515
- 2 Silver-Marshall Coils, No. 111A
- 2 Silver-Marshall .00035 mfd. Variable Condensers
- 9 X-L Binding Posts
- No. 96847 Complete with Constructional data.
List \$89.40
Each \$53.64
Less 2% or

\$52.57



The new 1927-28 SILVER-SUPER incorporates the 440 Time Signal Amplifier. This circuit is fully described in the September issue of Citizens' Radio Call Book and Radio Broadcast. The performance of this circuit is positively a revelation. Selectivity shows a clear separation on 10 K. C. bands. The Silver-Marshall Super is a big seller and will give satisfaction.

STAGE SHIELDS

Size 7 1/2 in. x 5 in. x 3 1/4 in. Used in Super.
No. 96885.....List \$2.00 Each \$1.20

COMPLETE INFORMATION ON S-M PRODUCTS SENT ON REQUEST



CITIZENS' RADIO CALL BOOK

Latest November 1927 Issue. Get your copy now. Checkful of information.
No. 97098 List.....50c
Each 10 Lots

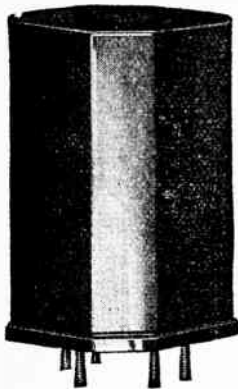
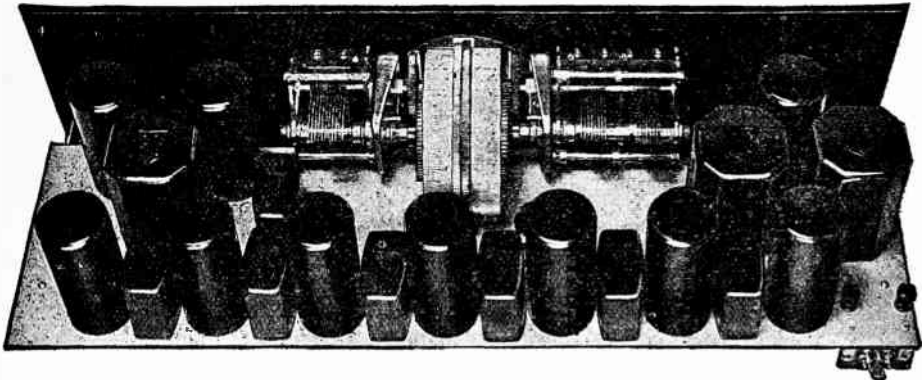
31c 30c

CITIZENS' RADIO AMATEUR CALL BOOK Latest December Issue.
No. 96849 List.....75c
Each.....56c



TYRMAN

Laboratory Tested Products and Tyrman Ten



TYRMAN AUDIO TRANSFORMERS

Truly a new achievement in tone and volume. An acoustic achievement. The combination of three units is recommended where volume with most faithful reproduction is desired.

No.	Type	List	Each
96770	3-30 311 Transformer.	\$ 8.00	\$4.80
96771	3-50 Power Input	10.00	6.00
96772	3-51 Power Output	10.00	6.00

Designed for use with Capacity Connector

THE TYRMAN TEN is the final word in radio receivers and fulfills the want for those who demand **selectivity, stability and beauty of appearance.** Tested under the most severe conditions, the Tyrman Ten allows a clear 10 K. C. separation with confining of all necessary fields. And we assert, the tone quality is second to none.

RADIO'S MOST POWERFUL SET

The use of the patented Kurz-Kasch Capacity Connector not only stabilizes the circuit but also eliminates appr. 90% of wiring. It also makes each set a duplicate of the laboratory instrument. Everyone is assured success with this perfected receiver.

Tyrman T. R. F. Transformers

R. F. Transformers are the substance of all sets. Tyrman's are the result of systematic laboratory research. Enclosed in high grade bakelite casing and designed for terminals of K.K. Cap. Connector.

No. 96773	Type 8-70	200-560 mtrs.	List \$4.00	Each \$2.40
No. 96774	Type 8-71	160-350 mtrs.	List \$4.00	Each \$2.40
No. 96775	Type 8-80	Long Wave.	List \$7.00	Each \$4.20

Complete Parts for TYRMAN TEN

- 2 Tyrman Type 8-70 R. F. Transformers
- 1 Tyrman Type 8-71 R. F. Transformer
- 4 Tyrman Type 8-80 R. F. Transformers
- 1 Tyrman Type 3-30 Audio Transformer
- 1 Tyrman Type 3-50 Power Input Transformer
- 1 Tyrman Type 3-51 Power Output Transformer
- 1 Tyrman Verrier Drum, double
- 10 Tyrman Shielded Sockets
- 1 Kurz-Kasch Capacity Connector
- 1 7x26" Front Panel, drilled & decorated
- 1 7x26" Sub Panel, Ivory Bakelite
- 2 Benjamin Brackets
- 2 Carter 1 mfd. Condensers
- 1 Carter 1/2 mfd. Condenser
- 1 Carter .00025 Mica Condenser
- 1 Carter .001 Mica Condenser
- 1 Yaxley No. 669 Cable Connector, complete
- 1 Durham 3 Meg. Resistance with mounting
- 1 Carter Filament Resistance 1 1/2 amp. 5 v.
- 1 Carter Filament Resistance 1 1/4 amp. 5 v.
- 1 Yaxley 200 ohm. Potentiometer
- 2 Hammarlund 50 mfd. Midget Condensers
- 1 Carter 25 ohm Rheostat with Switch
- 2 Eby Binding Posts
- 1 Yaxley No. 7200 Grid Resistance
- 1 Camfield .00035 Condenser No. 351
- 1 Camfield .00035 Two-Gang Condenser
- 1 Set of Hardware and Wire

No. 96368— Complete Kit with Instructions
List \$142.40
Each \$84.65
Less 2% or

\$82⁹⁶
Net

FLEWELLING SUPER 8

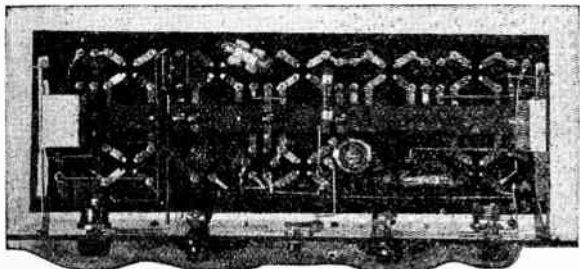
Speed in assembly and excellence in performance have made the FLEWELLING SUPER 8 an outstanding favorite during this season. Send for complete information.

COMPLETE KIT

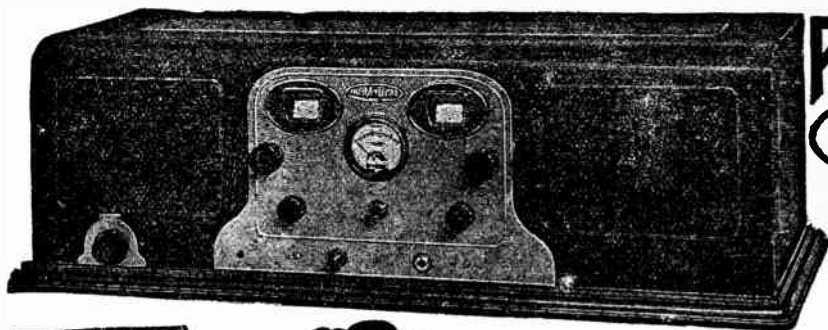
4 Flewelling Long Wave Transf.	\$24.00	2 Benjamin Brackets.	\$1.40
1 Flewelling T. R. F. Transformer	6.00	1 Carter Switch	.65
2 Flewelling Audio Transformers	22.00	1 Carter 500,000 ohm.	2.25
1 Flewelling Sub-Panel with Cap Connector	17.50	9 Eby Posts	1.35
2 Hammarlund .0005 Condensers	11.00	2 1 Amp. Amperites	2.20
1 Hammarlund .00005 Coad.	1.75	1 .00025 Grid Cond.	.45
		1 .001 Condenser	.50
		1 .0005 Grid Cond.	.45
		2 3 Meg. Dubilier	1.20
		2 1. Tobo	1.25
		2 Kurz-Kasch Dials	4.00

No. 97106 Complete Kit
List \$97.95 Each \$58.77 Less 2% or

\$57⁶⁰
NET



FLEWELLING SUPER 8

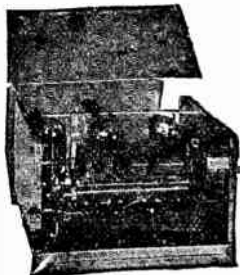


REMLER INFRA-DYNE

The new Remler R. F. Amplifier and Infrazyne Foundation Kit are designed to meet the growing demand for complete, tested and trouble free construction units for the Infrazyne circuit. Now the INFRA-DYNE circuit can be built

NEW 1927-28 LINES

easily in two hours with the simplest tools. You are sure of matched parts, scientifically correct design and proper location of each piece of apparatus. A positive assurance of satisfaction.



REMLER R. F. AMPLIFIER and ANTENNA COMPENSATOR

Incorporates 2 stages of R. F. Amplification and detector. Entirely enclosed in sheet copper case. Designed for single dial control. Includes also solenoid coils, 3 in line condenser, 3 sockets and special resistances.

No. 968-9

Type 710 List \$55.00 Each \$33.00

INFRA-DYNE AMPLIFIER NO. 700

The popular 3 stage R. F. unit for use in connection with practically all standard T. R. F. sets and the Infrazyne circuit. CX 299 tubes.

No. 92867

List \$27.50 Each \$16.50



INFRA-DYNE FOUNDATION KIT

Includes the following: Etched control panel, instrument panel, 2 drum dials, 1 Twin Rotor Condenser, 4 sockets, 3 choke coils, one special coil, all fixed condensers, Jacks, switches, wire and battery cable. Also complete instruction and schematic wiring diagram. Complete.

No. 96848 List \$52.00

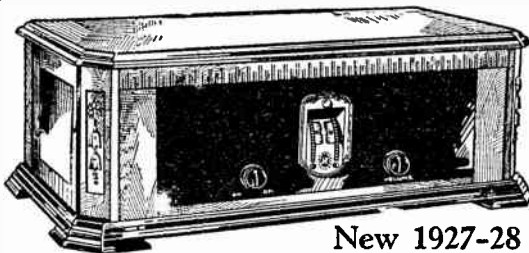
Type 750 Each \$31.20

REMLER INFRA-DYNE CABINET

Copper cabinet, embossed in two-tone brown crystalline enamel and decorated wood base. 11"x26". No. 96841 List \$15.00 Each \$9.00

Additional Parts Required

- 2-SM No. 220 Transformers
- 1-SM No. 221 Transformers
- 1-Jewel 0.5 Voltmeter No. 135



New 1927-28

HAMMARLUND ROBERTS HI Q SIX

The announcement of the new Hammarlund-Roberts HI Q Six was welcome news to the many friends of this popular receiver. We can supply the following authentic parts and complete description.

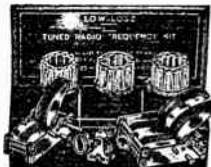
Complete Parts

- 2 Samson Symphonic Transformers
- 4 Hammarlund .0005 Midline Condensers
- 4 Hammarlund HI-Q Six Auto Couple Coils (Code HQ-64)
- 4 Samson RFC-35 Radio Frequency Choke Coils
- 1 Hammarlund Illuminated Drum Dial
- 1 Hammarlund .001 mfd. Bakelite fixed condenser
- 1 Hammarlund .00025 mfd. Bakelite grid cond. with clips
- 1 Carter No. IR-6 Imp. Rheostat, 6 ohm
- 1 Carter Imp. Battery Switch with knob
- 1 Durham resistor, 2 meg.
- 3 Parvult 1/4 mfd. Series A Condensers
- 2 Amperites No. 1-A
- 1 Aperite No. 112
- 6 Eby Sockets
- 3 Eby Engraved Binding Posts
- 1 Yaxley No. 660 Cable Connector and Cable
- 1 Hammarlund-Roberts HI Q Six Foundation Unit

No. 96714. Complete Parts with Wiring Diagram and instructions
List \$99.40 Each \$59.64 Less 2% or

\$58⁴⁵
NET

COMPLETE 5-TUBE 2-DIAL T. R. F. KIT



A complete kit, carefully assembled with attention to all details. This kit comes in a special container and is very easy to connect. Two-dial control. Very selective and steps out for real distance.

COMPLETE KIT

- 1 Engraved Front Panel, 7" x 18" x 1 1/2"
- 1 Sub Panel 6" x 17" x 1 1/4"
- 2 Bakelite Sub Base Brackets
- 2 Art Dials
- 1 Midget Condenser, 7 plates
- 1 Centraline Condenser
- 1 Double Centraline Condenser
- 2 3/2 to 1 Audio Transformers
- 1 4-ohm Rheostat
- 1 Resistogard
- 12 Nickel Plated Brass Binding Posts
- 1 Antenna Coil
- 1 98-turn Radio Frequency Coil
- 1 108-turn Radio Frequency Coil
- 1 .00025 Mica Condenser
- 1 .0002 Mica Condenser
- 1 .002 Mica Condenser
- 1 .015 Mica Condenser
- 20 Springs for Sockets
- 50 6" x 32" - 3/4" Black Round-Head Screws
- 1 Toggle Switch
- 50 6" x 32" Lock Washers
- 50 6" x 32" Hex. Nuts
- 1 Coil of Wire

No. 96942 Complete Kit

List \$32.50 Each \$19.50 Less 2% or

\$19¹¹
NET

ESSENTIAL KIT

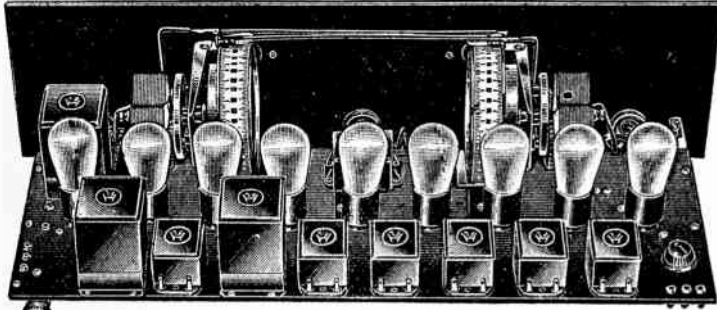
Consists of 1 single, 1 double, 1 midget condenser, 3 new type coils and complete instructions.
No. 94595..... List \$9.50 Each \$5.70 Less 2%

5-TUBE, 3 DIAL T. R. F. KIT

Made up of good substantial parts and complete in every detail. Good audio transformers and well constructed coils that assure good reception. Everything included to construct a complete efficient 5-tube receiver.
No. 92699 Complete Kit..... List \$22.40 Each \$13.44
SET OF COILS MOUNTED ON CONDENSERS FOR ABOVE CIRCUIT

No. 92643 Essential Parts..... List \$9.00 Each \$5.40

H F L Nine-In-Line



H F L Units are most highly endorsed by the leading magazines and have received wide publicity in Radio magazines such as Citizen's Radio Call Book, Radio Age and others. They are perfectly matched, skillfully designed and rigidly tested. H F L Units are easily connected and greatly simplify set construction. The new circuit is considered one of the most powerful receivers ever designed. The compact receiver makes a very neat appearance and is remarkable in regard to performance and distance getting ability. We can furnish the units separate or in the complete kit form.

No.	Type	Transformer Range	List	Each
97054	H210	32-42,000 cycles.....	\$8.00	\$4.80
97055	H215	Transformer 37,000 cycles.....	8.00	4.80
97056	C16	A. F. Transformer.....	8.00	4.80
97057	C25	Output Transformer.....	8.00	4.80
97058	C26	Special Low Rate Transformer.....	8.00	4.80
97059	L425	R. F. Choke Unit.....	5.50	3.30
97060	L430	Low Loss R. F. Transformer.....	5.50	3.30

COMPLETE H. F. L. ASSEMBLY

Consists of 3 No. H210, 2 No. H215, 2 No. C16, 1 No. L425, 1 No. L430, and 1 No. C25.
 No. 97061 List \$75.00
 Each \$45.00 Less 2%

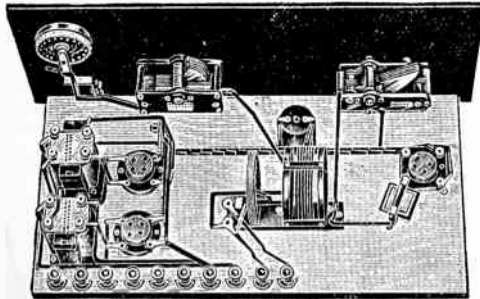
No. 97062 Complete Kit List \$116.75
 Each \$67.30
 Less 2% or

\$65⁹⁵
 NET

COMPLETE KIT

- 3 H.F.L. No. H. 210 Transformers
- 2 H.F.L. No. H. 215 Transformers
- 2 H.F.L. No. C. 16 Transformers
- 1 H.F.L. No. L. 425 R. F. Choke Unit
- 1 H.F.L. No. L. 430 R. F. Transformer
- 1 H.F.L. No. C. 25 Output Transformer
- 9 Benjamin Sub-Panel Sockets No. 9044
- 2 Remler Drum Dials
- 2 Remler .0005 Variable Condensers
- 1 S. M. No. 340 Midget Condenser
- 1 Pr. Benjamin No. 8629 Brackets
- 2 1 MFD. Carter By-Pass Condenser
- 1 Carter or Tobe .0005 Condenser
- 2 Carter or Tobe .002 Condensers
- 1 3A Amperite
- 1 Jones Multi-Plug
- 1 Carter 6 Ohm Rheostat with Switch
- 1 Carter 6 Ohm Rheostat without Switch
- 8 Carter Pup Jacks
- 1 7x26 in. Formica Front Panel, Drilled and Engraved
- 1 8x24 in. Formica Sub-Panel, Drilled
- 1 Carter 200,000 Ohm Volume Control
- 1 Set of Wire, Hardware, etc.

AERO SHORT WAVE KIT



Interest in Short Wave Reception opens up new sales possibilities for the radio dealer. The Aero Kit has given assured satisfaction and the complete kit now furnished with official Foundation Unit makes it easy to get good results. Adopted by leading experts and amateurs throughout the country. Completely interchangeable. Employs three 301A Tubes.

COMPLETE KIT

- 1 Aero Foundation Unit for Short Wave
- 1 Aero Short Wave Tuner Kit LWT 123
- 1 Aero R. F. Choke Coil No. 60
- 2 National Style B Dials
- 1 Ameco .00014 Condenser
- 1 Ameco .00025 Condenser
- 1 Yaxley Battery Switch
- 1 Yaxley 25-ohm Rheostat
- 2 Silver-Marshall No. 511 Sockets
- 1 Benjamin Socket
- No. 97063 List \$45.85
- 9 X-L Binding Posts, lettered: Ant, Grd, A Plus, A Bat—, C Bat—, B 45 Plus, B 90 Plus, Speaker Plus, Speaker—
- 1 Carter .0001 Mfd. Condenser with Clips
- 1 Yaxley 2-ohm Resistance
- 1 Tobe 5-Meg. Tipon Grid Leak
- 2 Thordarson 6-1 Audio Transformers
- Screw Assortment and Bus Bar
- Each \$28.45

\$27⁸⁵ Net
 Less 2% or

For Additional Interchangeable Parts, See Page 60
WRITE FOR DETAILS ON AERO TRANSMITTER

CAMFIELD DUOFORMER SEVEN

A R. F. Receiver using 3 stages of tuned R. F. amplification, a detector and 2 audio stages, using 2 tube push-pull system. Finest tone quality. Described fully in Citizen's Radio Call Book. 2 tuning controls. One of the best all-around sets. The Camfield DUOFORMER SEVEN is the season's leading T. R. F. circuit.

- 1 Camfield 10 in. Shaft
- 3 Camfield No. 351
- 3 Camfield No. 22
- 2 Pair Mounting Brackets No. 11
- 1 Tyrman Audio 3-30
- 1 Tyrman Power 3-50
- 1 Tyrman Power 3-51
- 1 Tyrman Double Drum
- 7 Tyrman Sockets
- 1 Carter Type IR 6
- 1 Carter Type IR 20
- 1 Carter Type X 10,000 ohm Var. Resistance
- 1 Carter Imp. Switch
- 1 Carter.601 Mfd. Con.
- 1 Carter .00025 Mfd.
- 2 Carter No. 10 Tip
- 1 Carter H-1,000 Resis.
- 1 Carter 1.0 Mfd. By-Pass Condenser
- 1 Durham 3-Meg. Grid
- 2 Amperites
- 1 Yaxley No. 660 Cable
- 5 Eby Engraved Posts
- 2 Benjamin No. 8629
- 30 Ft. Acme Celatsite
- 1 7" x 26" Drilled and Engraved Formica
- 1 Set Blueprints
- 1 10 in. x 25 in. x 1/4 in. Drilled Formica Sub.

No. 97064 Complete Kit List \$106.55
 Each \$63.95
 Less 2% or

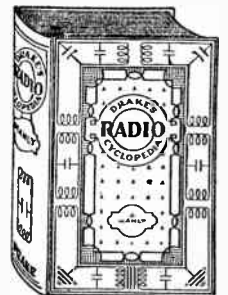
\$62⁶⁷
 NET

BALSA WOOD PRODUCER



Our Complete Kit enables you to build the fine reproducer with the marvelous sounding board made of Balsa Wood. Kit contains all necessary strips of Balsa wood, hardwood for frame, 1 bushing to driver of unit, glue, brads and screws. Directions for assembly are enclosed. Can be put up in very attractive ways as fireside screen, picture and surface can be decorated in various modifications. Two sizes.

No.	Kit	Size	List	Each
97065	No. 1	12 x 24 in.	\$8.00	\$5.20
97066	No. 2	21 x 36 in.	10.00	6.50
97067	Bal. Armature Unit		8.00	5.20



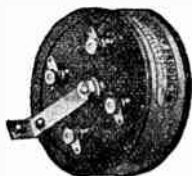
Drake Cyclopedia
 A most comprehensive book relating to all phases of radio. Profusely illustrated.
 No. 97068... List \$6.00
 Each \$4.50

VICTOREEN "UNIVERSAL" SUPER 8

WRITE FOR INFORMATION ON THE VICTOREEN POWER PACK



VICTOREEN 112 AUDIO UNIT contains two stages in one case and is designed for use with 112 power tube. Handles up to 400 volts of "B" battery supply. Incorporates wide tonal range and freedom from distortion.
No. 97024 List \$22.00..... Each \$13.20



VICTOREEN TRANSFORMERS

The 3 units necessary are all matched in appearance, making for uniform panel layout. All transformers are adjusted and sealed before leaving the factory. It is not necessary to shield any units.

No.	List	Each
95033 R. F. Transformer No. 170..	\$7.00	\$4.20
95034 Coupling Unit No. 150.....	5.50	3.30
95035 Antenna Coupler No. 160...	3.50	2.10

VICTOREEN POWER PACK

Employs double wave rectification and supplies much smoother output. Complete parts consist of the following:

1 Victoreen 116 Power Transformer.....	\$16.00	3 S-M CX Sockets	
1 Victoreen 216 Choke.....	15.00	1 Binding Post Strip	
1 Victoreen 316 Resistance Unit	3.00	1 Victoreen 115 Output Unit....	\$10.00
2 Tobe 2 MFD. No. 602 Condenser		1 Tobe No. 302 Cond.	
3 Tobe 4 MFD. No. 604 Condenser		6 Eby Binding Posts	

No. 97133 Complete Parts List \$73.25 Each \$43.95 Less 2% or 2 CX381 and 1 CX310 Tube EXTRA **\$43⁰⁷ Net**

VICTOREEN MASTER CONTROL UNIT

This control unit is furnished with our kit, but it can also be used to convert the previous models into one-dial controls.

No. 95036 Complete with Unit.....List \$19.50 Each \$11.70

VICTOREEN AUDIO CONTROL UNIT

The audio control consists of three 30-ohm Rheostats. For power tube one rheostat must be changed to 10 ohm.

No. 95037 Complete as shown.....List \$4.50 Each \$2.70

COMPLETE KIT Including Jewell Meter

- 1 Victoreen Master Control
- 4 Victoreen Intermediate Transformers, No. 170
- 1 Victoreen Audio Control Unit
- 1 Victoreen No. 6 6-ohm Rheostat
- 1 Victoreen No. 2 2-ohm Rheostat
- 1 Victoreen No. 160 Antenna Coupler
- 1 Victoreen No. 400 400-ohm Potentiometer
- 1 Victoreen No. 150 Oscillator Coupler
- 1 Jewell No. 135 Voltmeter (0-8)
- 1 Tobe .001 mfd. Fixed Condenser
- 1 Tobe 1 mfd. Condenser
- 2 Tobe .00025 mfd. Grid Condensers
- 2 Durham 2-meg. Grid Leaks
- 1 Victoreen Audio Unit
- 8 Frost No. 530 Sockets
- 1 7x26x³/₁₆" Formica Drilled and Eng. Panel
- 1 Wood Baseboard 10¹/₂x25x¹/₂"
- 1 Formica Strip 6x³/₄x³/₁₆"
- 1 Formica Strip 5x³/₄x³/₁₆"
- 1 Carter Filament Switch
- 1 Carter No. 60 Jack Switch
- 10 Eby Engraved Binding Posts
- 1 Jones Type BM Multiplug
- 1 S-M Type B Dial
- 1 Assortment of wire, lugs, screws, nuts, etc.

No. 95038

Complete with Instructions
List \$111.50 Less 40%
\$66.25 Less 2% or

\$64⁹³ NET

WORLD'S RECORD SUPER 10



Radio's most powerful receiver. Incorporates many new features that give it keen, non-critical selectivity and remarkable distance getting ability. It has tremendous undistorted tone volume. This is the newest model out and is very easy to assemble. Everything necessary is included in our complete kit.

COMPLETE KIT

- 2 Selectone Transformers Type B500
- 2 Selectone Transformers Type B510
- 2 Selectone R. F. Transformers Type B520
- 1 Selectone Antenna Coupler Type B530
- 1 Selectone Oscillator Unit Type B540
- 1 Remler .00035 Mfd. Var. Condenser
- 1 Remler 3-Gaug. .00035 Mfd. Var. Cond.
- 2 Remler Universal Drum Dials No. 110
- 2 Remler R. F. Chokes No. 35
- 2 Thordarson Audio Transf. Type R200
- 1 Thordarson Output Transformer R76
- 1 Carter Imp 400-ohm Potentiometer
- 1 Carter Heavy Duty Rheostat, 1-ohm
- 1 Carter 15-ohm Rheostat with Switch
- 1 Carter 30-ohm Imp Rheostat
- 2 Carter Tip Jacks

- 10 Benjamin Sockets
- 1 Carter .00025 Mfd. Grid Condenser. (with clips)
- 1 Carter .002 Mfd. Fixed Condenser
- 1 Carter .0001 Mfd. Fixed Condenser
- 1 Silver-Marshall No. 340 Midget Cond.
- 1 Pair Benjamin Brackets No. 8629
- 3 Tobe 1 Mfd. By-Pass Condensers
- 1 Durham 3-Meg. Grid Leak
- 1 Jones 10-Wire Multiplug
- 1 Jewel 0-8 Pat. Voltmeter No. 135
- 1 Formica Engr. and Drilled Panel. (7x26x3-16)
- 1 Formica Drilled Base (10x25)
- 4 XL Binding Posts
- 1 Ass't. of Celastite, lugs, Kester solder.

No. 97085—List \$142.45
Each \$86.50 Less 2%

\$84⁷⁷ NET

MATCHED SELECTONE UNITS

No.	For Sub-Panel Mounting	List	Each
97086	Selectone B-500 Intermediate Freq. Trans.	\$8.00	\$3.60
97087	Selectone B-510 Tuned Filter.....	6.00	3.60
97088	Selectone B-520 R. F. Transformer.....	5.00	3.00
97089	Selectone B-530 Antenna Coupling Unit....	5.00	3.00
97090	Selectone B-540 Oscillator Unit.....	5.00	3.00

"B" SUPPLY FOR WORLD'S RECORD 10
Use the following power pack to drive the Record 10.

- Complete Kit
- 1 Thordarson No. 2098
 - 1 Thordarson No. 2099
 - 1 Tobe R-210 Block
 - 1 Carter S-20M Rea.
 - 2 8M Sockets
 - 7 Binding Posts

No. 97091.....List \$57.05 Each \$34.33 Less 2% or **\$33.55 NET**

WORLD'S RECORD SUPER 8

Supplied with perfectly matched sets of Selectone Transformers. Complete information sent on request.

Complete Kit

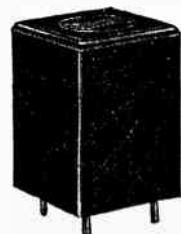
- 2 Remler Condensers, No. 631
- 1 Hammarlund Midget Condenser .00050
- 2 Selectone Transformers R400
- 2 Selectone Transformers R410
- 1 Selectone Oscillator Coupler No. 340
- 2 S. M. Audio Transformers No. 220
- 8 Benjamin Sockets
- 2 Tobe By-Pass Condensers 1 Mf.
- 1 Carter Fixed Condenser .002
- 1 Carter Hi-Ohm 500,000 ohms
- 1 Carter Rheo IR30
- 1 Carter Rheo IR6S
- 1 Carter Fixed Resistance 1 1-3 ohm
- 3 Carter Tip Jacks No. 10
- 1 Carter Jack No. 1
- 3 XL Binding Posts
- 2 Kur-h KASH Dials
- 1 Bakelite Panel 7x24x3-16
- 1 Jones Multiplug, 4 foot Cable
- Blue Print
- 1 Assortment of Wire, Lugs, etc.

No. 97092 List \$81.00
Each \$49.25 Less 2% or **\$48.26 NET**

SELECTONE TRANSFORMERS



- No. 97093 Selectone R400 Intermediate Fr. Trans.
List \$6.00 Each \$3.60
- 97394 Selectone R410 Tuned Filter Transformer.
List \$6.00 Each \$3.60
- 97095 Selectone Oscillator Coupler.
List \$3.50 Each \$2.10



SEND FOR COMPLETE INFORMATION

BROWNING-DRAKE OFFICIAL KIT



The official BROWNING-DRAKE Receiver is the culmination of extensive research and represents the highest type of kit ever offered to the radio public. Marvelous testimonials attest to the great public approval. Complete book of instructions makes it easy to finish the receiver and the official parts and the layout will assure every builder same results as obtained from laboratory model. We strongly recommend this circuit.

BROWNING-DRAKE PARTS

- The following official B-D parts can be supplied separately.
- BROWNING-DRAKE KIT** consisting of antenna system (coil mounted on .0005 National Condenser, with illuminated dial) and Regenformer system (B-D Transformer, .00025 National Condenser with illuminated dial).
No. 95010..... List \$25.00 Each \$15.00
 - BROWNING-DRAKE FOUNDATION UNIT** including drilled and engraved front and base panel, self-contained sockets, resistance clips and other small parts.
No. 95011..... List \$15.00 Each \$ 9.00
 - BROWNING-DRAKE New TYPE NEUTRALIZING DEVICE.**
No. 95012..... List \$1.00 Each 60c
 - BROWNING-DRAKE 33 Ohm RESISTANCE.**
No. 95013..... List 75c Each 45c
 - BROWNING-DRAKE Booklet**
No. 95014..... List 25c Each 16c
 - BROWNING-DRAKE ILLUMINATED DRUM DIAL.**
No. 97080..... List \$4.50 Each \$2.70

Regular Circuit

THIS is the standard official kit as brought out by the Browning-Drake Corporation. It is based on a new and standard design by Prof. Browning, incorporating all the refinements made possible by the research of the past two years. The popularity of this circuit is world-wide and this new design is more selective and even more sensitive than the previous models. Kit is supplied with full constructional data.

COMPLETE KIT

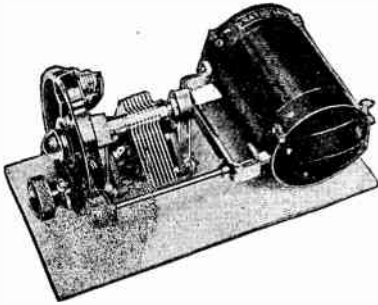
- | | |
|--|--|
| 1 Browning-Drake Kit, Instructions contained (Browning-Drake Corporation) | 1 .00007 Tlntyobe Fixed Grid Condenser |
| 1 Foundation Unit, consisting essentially of micarta front and base panels, drilled and engraved with sockets, resistor clips and soldering lugs. (Browning-Drake Corporation) | 1 Yaxley Filament Switch |
| 1 National Impedaformer (1st stage) | 1 Yaxley 30-ohm Rheostat |
| 1 National Impedaformer (3rd stage only) | 8 Eby Binding Posts (Ant., Grd., A+, (A-B-), B+ Det., B+ Amp., C+, C-) |
| 1 .1 Tobe Condenser, special type | 1 Precise Midget .0001 Variable Condenser |
| 3 .001 Tlntyobe Fixed Condensers | 1 Browning-Drake 33-ohm Resistance Cartridge |
| | 3 Resistances (one 1 meg., ¼ meg., one 8 meg.) (Electrad) |
| | 1 Browning-Drake Balancing or Neutralizing Device |
| | 1 Amperite (Type 5-A) |
| | 2 Yaxley Pup Jacks (If tone filter is not used) |

No. 95008 Complete with constructional data.

- List \$60.85
- Less 35% 37.95
- Less 2%

\$36¹⁹
Net

NATIONAL RADIO PRODUCTS



NATIONAL TUNING UNITS
Type "E" are the famous, official BROWNING-DRAKE R. F. transformers and Inductances. Space wound for sharper tuning. Coils are mounted on the NATIONAL EQUI-TUNE Condensers, fitted with the illuminated velvet vernier dials, Type "C". Each unit comes mounted for rapid and easy mounting in any set.

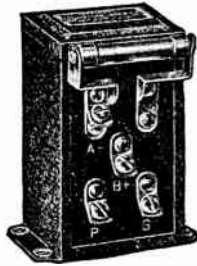
- Type BD-1E—With Illuminated Dial
No. 97038..... List \$10.75 Each \$6.45
- Type BD-2E—With Illuminated Dial
No. 97039..... List \$14.25 Each \$8.55
- National Balancing Condenser
No. 95012..... List \$1.00 Each 60c

NATIONAL BROWNING-DRAKE TRANSFORMER COILS

In this efficient transformer over 90% of the value of amplification calculated by mathematics is actually produced. May be incorporated in a R. F. Amplifier and Detector, or can be used in connection with wave filter, reflex or wave meter work.

- No. 97041 Type BD-1 List \$2.00 Each \$1.20
- No. 97042 Type BD-2 List 6.50 Each 3.30

WRITE FOR COMPLETE DESCRIPTION OF NATIONAL LINE



NATIONAL IMPEDAFORMER TYPE "B"

This unit combines the A. F. Choke Coil, 0.1 M.F.D. Condenser and Grid Leak in a single unit. First stage includes R. F. Choke Coil. In the 3rd stage the Impedaformer or "Choke Coil" is placed in grid circuit.

- No. 97043 1st Stage... List 5.50 Each \$3.30
- No. 97044 2nd Stage... List 5.50 Each 3.30

IMPEDAFORMER "TYPE A"

The Type "A" serves the same purpose as above and is furnished for the two stages.

- No. 97045 1st Stage... List \$4.00 Each \$2.40
- No. 97046 2nd Stage... List 5.50 Each 3.30



NATIONAL TONE FILTER
Protects Speaker from excessive B battery current. Contains impedance of proper value and condenser. Attractive case. Finished with 5 foot phone cord.

- No. 97113 List \$7.00
- Each \$4.20
- Less 2% or

\$4¹²
Net



DIALS TYPE C

Fits any standard condenser with a ¼ in. shaft. Have changeable ratio of from 6-1 to 20-1. Type C is the illuminated dial which lights up the dial. Complete with bulb.

- | | | | |
|-----------|---------------------------|-------------|-------------|
| No. 97050 | Clockwise (200-0)... | List \$3.00 | Each \$1.80 |
| 97051 | Counter Cl. (0-200) | 3.00 | 1.80 |
| 97052 | Dual Range (0-100-0)..... | 3.00 | 1.80 |

NATIONAL FILAMENT TRANSFORMER

For use with the new A. C. (326) Tubes. Replaces the former "A" battery. A trouble free transformer.

- No. 97094... List \$10.00 Each \$6.00

NATIONAL "B" TYPE 7180

A strictly heavy duty unit which has an output rating of 70 Mill. at 180 volts. Designed for operation with CX 380 tube. Insulated terminals are conveniently located at the top on a sloping panel for easiest connection. Finished in black crystalline laequer. Less tube.

- No. 97053... List \$40.00 Each \$24.00

KARAS

The New Type 28 AUDIO Transformer



This new Karas is scientifically impregnated and has a life-time, steel-clad spun sealed case. Give clear, full, undistorted reproduction. Hermetically sealed. Provided with extra long soldering lugs. Finished in polished black Duco. The finest low-loss transformer. **\$4.80** Less 2%
No. 96850 List \$8.00 Each

The New KARAS Output Filter



Sweetens and clarifies tone qualities, prevents demagnetization and eliminates loud speaker chattering. Has new specially designed choke of 100 henries and large capacity paper condenser. The result is improved performance that is not only perfect but permanent. **\$4.80** Less 2%
No. 96851 List \$8.00 Each

KARAS Harmonic A.F. Transformer



A high-grade, all stage audio frequency transformer that has given the dealer and set builder entire satisfaction. Because of their careful, scientific design they amplify all of the overtones and harmonics. **\$3.00** Less 2%
No. 93319. List \$5.00 Each

KARAS Equamatic R.F. Transformer



The 3 coils for building Equamatic Receiver are packed in a carton with all necessary diagrams and also screws and nuts. Very accurately matched. No. 94736 List \$12.00 Each \$7.20
KARAS Retard Coil No. 94738 List \$1.00 Each 60c

New KARAS Micrometric Dial



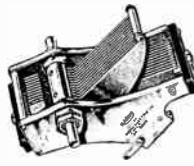
Tunes up a smooth, velvety action without any backlash. Vernier ratio is 63 to 1. Outside diameter 4 1/2 in. The most efficient vernier dial on the market. No. 93305 List \$3.50 Each \$2.10

New S. L. F. Condenser

The New Karas S. L. F. Condenser has a removable shaft allowing for subpanel, baseboard or single hole mounting from either side, permitting use of 0-100 or 100-0 dials. Equipped with high grade cone-type pressure bearings. They are precision built, scientifically engineered and nicely finished.

No.	Type	Cap.	List	Each
96852	11	.00025	\$5.00	\$3.00
96853	17	.00037	5.25	3.15
96854	23	.0005	5.50	3.30

KARAS SUBPANEL BRACKET



Specified in the Equamatic circuit and used in a great variety of circuits. No. 96855 Set of 3 Brackets List 70c Per Set.....42c

NEW 1927-28 LINES KARAS 2-Dial Equamatic

A completely balanced and perfectly neutralized circuit. It insures easy tuning and marvelously simplified control. New 2-dial model with 24-in. panel. Uses the Micrometric Dial with a vernier ratio of 63 to 1. The building of this receiver is extremely simple. We supply complete, easily understood instructions. Both front and subpanel come to you fully drilled.

- COMPLETE KIT**
- 2—New Karas Type 28 Audio Transformers
 - 1—New Karas Output Filter
 - 3—New Karas Type 17 Variable Condensers
 - 3—New Karas Equamatic Coils
 - 2—New Karas Micrometric Dials 0-100
 - 3—New Karas Subpanel Brackets
 - 1—New Karas Control System including Complete Hardware
 - 2—Samson R. F. Chokes 100 Millihenry
 - 1—Formica front panel engraved (7" x 24")
 - 1—Formica subpanel drilled (9" x 23")
 - 1—Carter 10 ohm rheostat (gold arrow)
 - 1—Carter 20 ohm rheostat (gold arrow)
 - 1—Yaxley No. 69-B Interstage Switch (gold)
 - 2—Carter Tip Jacks No. 10
 - 1—Dubilier .00025 Fixed Condenser with clips
 - 1—Ameco grid leak 2 Meg.
 - 2—Carter II-2 Resistors 2 ohms
 - 1—Yaxley Cable Plug
 - 5—Benjamin Cushion Sockets
 - 2—Samson Mica Neutralizing Condensers 0-.00025
 - 2—.0001 Dubilier Fixed Condensers
 - 1—.006 Dubilier Fixed Cond.
 - 2—.001 Dubilier Fixed Cond.
- No. 96856 Complete with instructions List \$96.90 Each \$58.90 Less 2% or
- Complete KIT \$57.72 NET**

RITCO RADIO

RITCO AUDIO 3 1/2 to 1 A good substantial audio with a sufficiently high inductance to give full, undistorted amplification. Careful insulation. Well constructed. No. 97017. List \$2.00 Each \$1.00 Less 2%



OUTPUT

Protects the loud speaker. Ratio of 1 to 1. Permits maximum voltage without injuring coil. Equipped with cord and tip. No. 97018. List \$2.25 Each \$1.30

RITCO R. F. CHOKE

85 Millihenry Has full rated inductance and minimum distributed capacity. Resistance 215 ohms. No. 97019. List \$1.50 Each 80c



30 HENRY CHOKE

Designed for B Eliminator work. Current capacity 75 Mill. Completely shielded. No. 97020. List \$2.00 Each \$1.00

100 HENRY CHOKE

For impedance coupled amplification. Diagram of hook-up enclosed with each unit. No. 97021 1st Stage. List \$2.00 Each \$1.10
No. 97022 2nd and 3rd Stage. List 2.00 Each 1.10

TYPE BR STEP-UP TRANSFORMER

For B Power Unit. With cord and plug for connection to A C. lighting circuit. Designed for use with Raytheon tube. Capacity 60 Mill. Two 30-Henry Chokes. Type BR and condenser make up "B" Eliminator. No. 97023. List \$5.00 Each \$2.45

"ABC" POWER UNIT For 350 Mil. Raytheon Tube

Raytheon with its new 350 Mil. B A Tube has established a new standard. Incorporated now in a great many nationally advertised sets. Let us send you information on this new and efficient Power Unit. Caution: 301-A tubes must be wired in series.

COMPLETE KIT

- 1 Dongan No. 3591 Transformer ... \$15.00
- 1 Dongan No. 3584 Choke Unit... 15.00
- 1 Tube No. 1 Block 10.00
- 1 Tube No. 2 Block 10.50
- 1 Carter Resistance Kit 8.20
- 1 Remler Socket... .50
- 9 Eby Binding Posts 1.35
- 1 Fuse15
- 1 assortment Wire Plugs 1.00
- No. 96857 Complete Kit with Wiring Diagram List \$61.70 Each \$37.02 Less 2% or.....

No. 95098 350 Mil. B. A. Raytheon List \$7.50
Each \$4.50

\$36.28 NET

AERO COIL
SUPER-SENSITIVE

AERO UNIVERSAL TUNED RADIO FREQUENCY KIT



Kit consists of 4 twice-matched units for improved Aero-dyne, one Antenna Inductance and 3 R. F. transformers. Adaptable to 301A, 340, 299 and new A. C. tubes. A kit that will make any circuit better in selectivity, tone and range. Greatest receiving efficiency.

No. 96800 For .0005 Condenser Type U-16 List \$15.00 Each \$9.00
 No. For .00035 Condenser
 The use of .0005 condenser is recommended, but a kit for special purposes using .00035 cond. is furnished.
 No. 96802 Type U-163 List \$15.00 Each \$9.00

AERO UNIVERSAL R. F. KIT
(For Aero Seven)



3 matched R. F. Transformers, wound on bakelite-skeleton forms. Each kit matched.

No. 96803 For .0005 CONDENSER Type U-12 List \$12.00 Each \$7.20
 No. 96804 For .00035 CONDENSER Type U-123 List \$12.00 Each \$7.20

AERO UNIVERSAL 3-CIRCUIT TUNER



Improve your set by installing this new Aero coil. Low loss characteristics. Equipped with variable primary for governing selectivity.

No. 96805 For .0005 CONDENSER Type U-55 List \$4.00 Each \$2.40
 No. 96806 For .00035 CONDENSER Type U-553 List \$4.00 Each \$2.40

AERO R. F. REGENERATIVE KIT



Consists of Universal R. F. Transformer and 3-circuit tuner. Any set built along these lines can be made more efficient by substituting this set.

No. 96807 For .0005 CONDENSER Type U-95 List \$8.00 Each \$4.80

AERO COIL
SUPER-SENSITIVE

AERO UNIVERSAL ANTENNA COUPLER



A highly efficient low-loss antenna coupler, with variable primary. Adaptable to 301A, 299, 340 and A. C. Tubes.

No. 96808 For .0005 CONDENSER Type U-96 List \$4.00 Each \$2.40
 No. 96809 For .00035 CONDENSER Type U-963 List \$4.00 Each \$2.40

AERO UNIVERSAL WAVE TRAP UNIT



Excellent wave trap due to low distributive capacity and high frequency resistance. Used to make crystal set more efficient.

No. 96810 For .0005 CONDENSER Type U-4 List \$4.00 Each \$2.40
 No. 96811 For .00035 CONDENSER Type U-43 List \$4.00 Each \$2.40

AERO CHOKE COILS



3 new, highly efficient choke coils, each designed for a definite purpose.

No.	FOR	LIST	EACH
96812	T. R. F. Purpose	\$1.50	90c
96814	Short Wave Special Transmitter	1.50	90c

AERO OSCILLATOR FOR SUPER



The selectivity and range of a superhet can be amazingly improved by use of this AERO coil. Tuning sharper.

No.	Type	List	Each
96815	OS-55	\$5.50	\$3.30



Windings are uniformly A I R spaced. Selectivity is perfect, with practically no dielectric absorption.

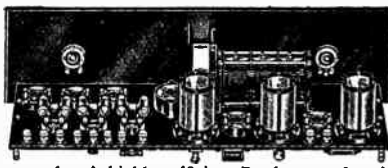
AERO TUNED RADIO FREQUENCY KIT

3 matched units. With 8-page color lay-out for building 5-tube Aerodyne. Antenna coupler with variable primary.
 No. 94560 3 Matched Units.....List \$12.00 Each \$7.20

AERO-SEVEN RECEIVER

10-Kilocycle Selectivity

The new Aero-Seven is one of the outstanding kits this fall. There is a tremendous demand for this kit and the results obtained by set builders are really phenomenal. A highly efficient 7 tube set that is certainly worth your while to feature.



COMPLETE PARTS

- | | |
|------------------------------------|--------------------------------------|
| 1—Aero Seven Foundation Unit | 1—Carter .001 MFD condenser |
| 1—Aero TRF Kit Code U-12 (3 coils) | 2—Carter 1/2 MFD Bypass Condensers |
| 1—Aero Choke No. 60 | 10—X-L Binding Posts |
| 1—Silver Marshall Drum Dial | 1—Amsco Floating Socket |
| 1—Carter Battery Switch, No. 10 | 6—Amsco Plain Sockets at 50c |
| 1—Carter 200-ohm Potentiometer | 1—Amsco .0005 Triple Condensers |
| 1—Carter 6-ohm Rheostat | 1—Amsco Grid Gate Mounting |
| 1—Carter H-1,000 Resistor | 1—Amsco 5 Meg. Grid Gate Resistance |
| 1—Carter H-1 Resistor | 1—Kit Amsco AERO Seven Coupled Audio |
| 1—Carter .00025 MFD Condenser | |
- No. 96816. List \$59.20—Each \$35.12—Less 2% or **34.42** NET

AERO SHORT WAVEKITS

Aero has been a pioneer in the manufacture of short wave and transmitting coils and thousands of users attest to their reliability.

TYPE LWT-125 TUNER KIT

Range 15 to 130 meters. Completely interchangeable. Includes 3 coils and base mounting. Uses .00014 condenser on secondary and .00025 on feed back control.
 No. 96817 Kit Type LWT-125 List \$12.50 Each \$7.50

TYPE INT. 4 and 5 INTERCHANGEABLE COIL

Combined range of these two coils 125 to 550 meters. Uses same condensers as short wave outfit.

No.	Type	Range	List	Each
96818	4	125 to 250 meters	\$4.00	\$2.40
96819	5	235 to 550 Meters	4.00	2.40
96820	INT.	13 to 29.4 Meters	4.00	2.40

AERO TRANSMITTERS

Very efficient transmitting inductance system for the amateur. Used in connection with Short Wave receiver. Complete information on request. We can supply all parts, including complete constructional data.

KIT NO. 2040 K

Range 16.5 to 52 meters. Kit includes also 2 mounting bases and 2 choke coils.
 No. 96821 Range 16.5 to 52 meters. List \$12.00 Each \$7.20

KIT NO. 4080 K

Range 36 to 90 meters. Complete kit with mounting bases and choke coils
 No. 96822 Range 36 to 90 meters List \$12.00 Each \$7.20

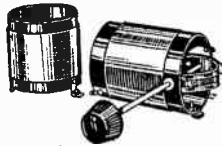
KIT NO. 9018 K

Range 72 to 190 meters. Choke coils and mounting bases.
 No. 96823 Range 72 to 190 meters List \$12.00 Each \$7.20

BROKEN KITS SUPPLIED AS FOLLOWS

No.	Type	Range	List	Each
96824	2040-C	16.5-52	\$4.00	\$2.40
96825	4080-C	36-90	4.00	2.40
96826	9018-C	72-190	4.00	2.40
96827	PR1300	Ant. Mt. Base	3.00	1.80
96828	GR1100	Grd. Mt. Base	1.00	.60
96814	248	Choke Coil	1.50	.90

BROWNING-DRAKE COILS



The Browning-Drake is very popular. These coils are the new space-wound, enameled wire type as specified in current hook-ups. Set consists of Regenerator and inductance.

No. 93331 6.50 Each \$3.50

THREE CIRCUIT TUNER



A very efficient 3-circuit tuner, wound on Bakelite form. For use with .0005 condenser.

No. 93471
List \$2.50,
Each \$1.17

SOLENOID KIT



A complete kit including wiring diagram for a six tube R. F. set, using the small solenoid coil with grooved spacing for the primary and secondary windings. Accurate grid resistances are included. Bakelite used throughout. This type coil is used by the majority of manufacturers this year.

No. 96858
Complete Set
List \$7.50 Each \$4.15



2% DISCOUNT
- EITHER
Cash or C.O.D.



BIRNBACH

"60" and "180" TUNERS

Wound on colored Bakelite. Give long range, tone quality and distance. Tuning range 200 to 550 meters. For .0005 Condensers.

No.	Type	List	Each
97069	No. 60-3-Circuit Tuner	\$2.00	\$1.20
97070	No. 60-R. F. Coil	1.25	.75
97071	No. 180-3-Circuit Tuner (Large)	3.50	2.10
97072	No. 180-R. F. Coil (Large)	1.50	.90

Complete 6-Tube Solenoid Kit

We have assembled ready for your use a very efficient kit for 6-tube sets using these popular solenoid coils. A BIG SPECIAL VALUE.

- | | |
|-----------------------------|---------------------------------|
| 1 Solenoid Kit | 1 .00025 Grid Condense |
| 3 .00035 Variable Condenser | 1 2 mex. grid leak |
| 2 Audio Transformers | 1 7 x 18 Panel |
| 1 .002 Fixed Cond. | 1 Baseboard |
| 1 25 Ohm Rheo. | 6 Sockets |
| 1 Battery Switch | 1 Binding Post |
| 1 Mfd. Cond. | 1 Strip |
| 5 Ampertes | 1 Assortment of Wire and Screws |

No. 96859
Each \$18.35
Less 2 or

\$17.98
Net

Sovereign SOVEREIGN KITS
Change Present Sets Into Battery-less Receivers



By using Sovereign A-C Tubes, a specially prepared kit and any standard "B" Eliminator, you can convert your present set into a Light Socket Batteryless Receiver. The Sovereign Tube is designed to eliminate the "A" battery, gives greater amplification, is absolutely non-microphonic and the current consumption in a 5 tube set is about the same as a 25 watt lamp.

This tube is applicable to any type of receiver with but slight modifications in the circuit. In every case explicit directions will be supplied, making it easy for anyone to change the set over for the use of Sovereign A-C Tubes.

SOVEREIGN A-C TUBES

Tests have shown an average life of 1500 to 2000 hours. The electron emission is practically constant for the life of the tube. Can be used on either 25 or 60 cycle, 110 volt A. C. current. Filament current 1.1, maximum plate voltage 190 volts.

No. 96050	Detector and Amplifier Type	List, \$5.00	Each, \$3.25
No. 96051	Power Tube	List, 6.00	Each, 3.90

SOVEREIGN A-C KIT

The Sovereign A-C kit consists of Special Heater Transformer, Power Rheostat, Power Switch, Oscillation Control and Blue Prints and Directions. All kits are thoroughly tested.

No. 96052	A-C Kit, 110 volt, 60 cycle	List, \$8.75	Each, \$5.69
No. 96053	A-C Kit, 110 volt, 25 cycle	List, 9.75	Each, 6.34

An O-4 A. C. Voltmeter can be secured separately. In ordering, specify voltage, cycles, type of circuit and number of tubes.

BRING OLD SETS UP TO DATE by Converting them into BATTERYLESS RECEIVERS

SELECT A NEW UP-TO-DATE SPEAKER SHOWN ON PAGES 2-9



BOOKS ON RADIO

RADIO ENCYCLOPEDIA by S. Gernsbach. A very comprehensive treatise on all radio subjects.

No. 95042 List, \$2.00 Each, \$1.50



BODINE TWIN-EIGHT R. F. COILS

TREMENDOUS AMPLIFICATION is assured by the use of the efficient BODINE Twin Eight Coils. Twin Eight can be substituted for other coils in any R. F. set with great improvement in performance. They are also used in the BODINE FIVE TUBE Twin Eight Receiver, for which we can supply a complete kit. The Twin Eight 6-Tube Set has received wide publicity. This set uses the Phasatrol units. Complete information on request. We can supply matched set of 3 coils. Specify when you want a matched set.

No.	Type	Condenser	List	Each
94988	T35	.00035	\$2.00	\$1.20
94989	T50	.0005	2.00	1.20
94991	T25	.00025	2.00	1.20

FOR USE WITH PHASATROL

No.	Type	Condenser	List	Each
94990	T135	.00035	\$2.00	\$1.20

WRITE FOR PARTICULARS ON BODINE CIRCUITS

BENJAMIN R. F. TRANSFORMER

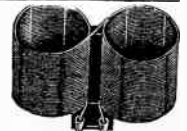


These improved T. R. Frequency Transformers are space wound, basket weave, of highest practical air dielectric. Laboratory tests show this type to be superior in important characteristics.

No.	Diam.	List	Each
94610	2 1/4"	Set of 3 Coils	\$5.75
94611	2 1/2"	Single Coil	2.10

BENJAMIN "LEKELESS" BI-COIL

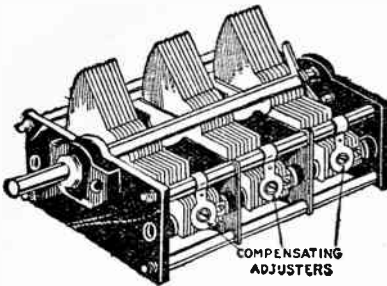
This new type coil made by BENJAMIN eliminates interference usually picked up by ordinary coils. For T. R. F. circuit. Note new type construction.



No. 92750 List \$2.50 Each \$1.5

Amsco Condensers

AMSCO is a line of condensers that is specified in a great many circuits. They have been tested and approved by the best radio authorities.



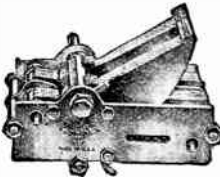
Straight Tuning Line

A modified frequency line which allocates stations on the dial in equal wave length divisions. Perfect bearings. Single hole mounting. Triple type make single control

practical. Has variable compensating condenser for balancing. Matched within 1% maximum capacity.

No.	Type	Capacity	List	Each
96320.....	Single	.00025	\$ 3.00	\$1.80
96321.....	Single	.00035	3.25	1.95
96322.....	Single	.0005	3.75	2.25
96324.....	Double	.00035	6.50	3.90
96325.....	Double	.0005	7.50	4.50
96326.....	Triple	.00035	9.75	5.95
96327.....	Triple	.0005	11.25	6.75

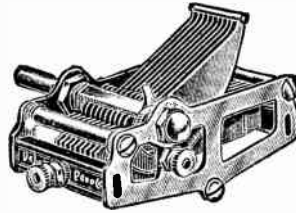
AMSCO STRAIGHT FREQUENCY LINE



So designed that the resonant or tuned frequency of the circuit is raised or lowered the same amount for each dial division. No crowding. Rotor shaft of chromium nickel needle steel. Highly efficient.

No.	Type	Capacity	List	Each
96328.....	Single	.00035	\$ 3.00	\$1.80
96329.....	Single	.0005	3.50	2.10
96330.....	Double	.00035	6.00	3.60
96331.....	Double	.0005	7.00	4.20

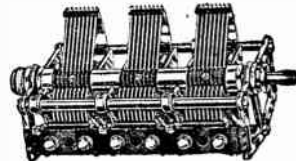
De Jur Condensers



Moulded bakelite insulation outside electrostatic field suspends stator plates which bear only on one point. Low minimum capacity. Sturdily built.

No.	Type	Capacity	List	Each
96301.....	Single	.00014	\$ 3.00	\$1.80
96302.....	Single	.00025	3.00	1.80
96303.....	Single	.00035	3.25	1.95
96304.....	Single	.0005	3.50	2.10
96305.....	Double	.00035	6.50	3.90
96306.....	Double	.0005	7.00	4.20
96307.....	Triple	.00035	9.75	5.85
96308.....	Triple	.0005	10.50	6.30

CAMFIELD EQUALTUNE CONDENSERS

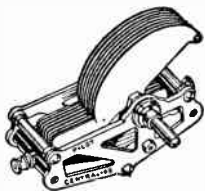


Camfield Equaltune Condensers have been especially designed for multiple circuit tuning with a single control. Electrically and mechanically perfect. Adjustment feature with special tool eliminates

all vernier or trimmer condensers. Rotor mounted on ball bearings.

No.	Type	Gang	Capacity	List	Each
94721.....	251	Single	.00025	\$ 5.50	\$3.30
94728.....	252	Two	.00025	10.00	6.00
94729.....	253	Three	.00025	14.00	8.40
94722.....	351	Single	.00035	5.75	3.45
94730.....	352	Two	.00035	10.50	6.30
94731.....	353	Three	.00035	15.00	9.00
94723.....	501	Single	.0005	6.00	3.60
94732.....	502	Two	.0005	11.50	6.90
94733.....	503	Three	.0005	16.00	9.60

PILOT Centraline Capacigrad



A very efficient variable condenser with practically no di-electric losses. Stations are spread equally without crowding

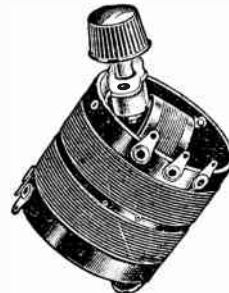
No.	Plates	Cap.	List	Each	10
95057	8	.00017	\$1.90	\$1.03	\$0.95
95058	13	.0003	2.10	1.13	1.05
95059	17	.00035	2.30	1.24	1.15
95060	23	.0005	2.50	1.35	1.25

SIGNAL VARIABLE CONDENSER



This condenser is for panel mounting, and same is carried in stock in four sizes. Heavy aluminum plates; perfect spacing. Has 1/4" shaft. Bakelite ends.

No.	List	Each
91505	43 Plate.....\$2.40	\$0.69
91506	21 Plate.....1.80	.58
91507	11 Plate.....1.60	.54
91508	3 Plate.....1.30	.49



CAMFIELD TYPE 620 COUPLING UNIT

Bakelite tubing, secondary winding is split in center and 4 terminals are provided. Adapted for many circuits.

No.	List	Each
94734.....	\$3.50	\$2.10



CAMFIELD TYPE 22K DUOFORMER

A radio frequency transformer especially designed to avoid oscillation trouble in T. R. F. circuits. Suitable for replacing coils in sets that are giving oscillation trouble. Used in Infradyne circuit.

No.	List	Each
92872.....	\$10.00	\$6.00

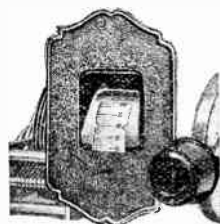
TYPE 23-TAPPED INDUCTANCE COIL

Specified for use in Sargent's Infradyne circuit.

No.	List	Each
9287.....	\$1.50	\$0.90

PRECISE

DRUM and FRICTION DRIVE KIT



Illuminated 5-inch drum with translucent band graduated from 0-180. Friction drive may be assembled on any condenser shaft of standard size. Kit consists of drum and friction drive.

No. 96945 Complete
List \$6.25 Each \$3.75

PRECISE

MIDGET CONDENSER

Precise Midget condensers are specified in many circuits, such as Browning Drake, etc. Built to a definite standard.

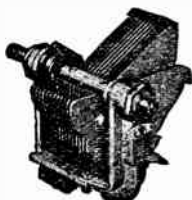
No.	Cap.	List	Each
97109	30 MMF	\$1.50	\$0.90
97110	55 MMF	1.65	.99
97111	100 MMF	1.75	1.05
97112	135 MMF	2.00	1.20

WE CARRY A COMPLETE STOCK OF POWER UNITS TURN TO PAGES

Hammarlund

PRECISION PRODUCTS

"MIDLINE" CONDENSERS



The Hammarlund "MIDLINE" neither crowd the lower nor upper wavelengths and at the same time retains normal separation in the middle of the scale. Has adjustable ball and cone bearings and a full-floating rotor shaft. Span of condenser with plates fully open is only 4 inches. A universal Condenser adaptable to any and all conditions.

No.	Type	Max. Cap.	List	Each
94939	ML 23.....	.0005	\$5.50	\$3.30
94826	ML 17.....	.00035	5.25	3.15
94940	ML 11.....	.00025	5.00	3.00



"HAMMARLUND, JR." MIDGET There are many uses for the Midget Condenser built to exact specifications. Single hole mounting.

No.	Type	Cap.	List	Each
94928	MC 9 32	mmfd.	\$1.50	\$0.50
94944	MC11 50	mmfd.	1.75	1.05
94945	MC15 65	mmfd.	2.00	1.20

LOFTIN-WHITE COILS

These L-W Coils are intended for the "Constant Coupling" receiver. Antenna Tuning Coil is mounted horizontally on sub-panel, the two radio frequency coils are equipped for mounting vertically on front panel. Come furnished with all necessary mounts, screws and nuts.

No. 95067 Complete Set of 3 Coils List \$10.00 Ea. Set \$6.00



HAMMARLUND "AUTO-COUPLE"

This is a harmonious assembly of coil, condenser and shield providing automatic, graduating coupling of the primary coil throughout range of condenser setting. Coils, condensers and shield are sold separately and easily assembled. It insures correct primary coupling and maximum energy transfer. Individual requirements of all circuits can be met.

No.		List	Each
94946	"Auto Couple" Coil.....	\$3.50	\$2.10
94947	Complete Al. Shield 6x7x6.....	2.00	1.30

HAMMARLUND EQUALIZER

A new Hammarlund Product that has proven a very good seller. Capacity 2 to 5μ mf.

No. 94948..... List \$0.50 Each \$0.30

NEW HAMMARLUND PARTS

Used for New 1927-28 Hammarlund Hi Q Six

No.		List	Each
96715	Illuminated Drum Dial..	\$ 6.00	\$3.60
96716	Foundation Unit.....	15.50	9.30
96717	New Model "Auto Couple"	3.00	1.80
96718	New Hi-Q Shield.....	6.00	3.60

STROBODYNE COILS

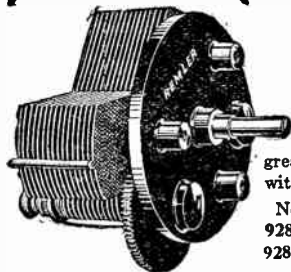
No.		List	Each
96719	Set of 3 Coils.....	\$10.00	\$6.00

SEE PAGE 55

FOR NEW 1927-28

HAMMARLUND-ROBERTS CIRCUIT

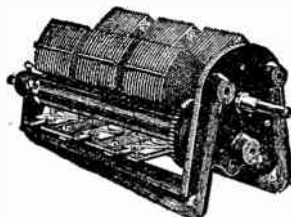
REMLER CONDENSERS



Rotation of the dial through the full 360 degrees gives greatest separation. Body capacity completely eliminated. The Remler condensers are the accepted standard for a great many circuits. Furnished without dial.

No.	Cap.	Type	List	Each
92857	.00035	638	\$5.00	\$3.00
92858	.0005	639	5.00	3.00

REMLER 3 In Line and 2 In Line CONDENSER



A superior gang condenser that can be mounted interchangeably with other condensers. Special staggered connection of plates makes it self-shielding, preventing in-circuit coupling. Size overall 7 in. x 3 3/4 in. for the 3-gang and 5 1/2 in. x 3 3/4 in. for the 2-gang.

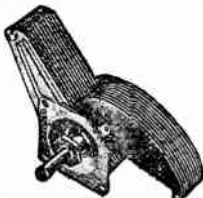
No.	Type	List	Each
94580	3 gang No. 633.....	\$15.00	\$9.00
94518	2 gang No. 632.....	12.00	7.20

REMLER TRANSFORMERS



Remler Transformers have always enjoyed wide-spread popularity. They are used among other circuits in the CITIZENS SUPER, fully shown on pages 24 and 25 of this issue. They are ready sellers.

No.	Transformer	List	Each
92859	Intermediate.....	\$6.00	\$3.60
92860	Tuned Stage.....	5.00	3.00



BENJAMIN S. L. F. CONDENSERS

A S. L. F. Condenser with many superior features. Built to exacting Benjamin standards.

No.	Capacity	Plates	List	Each
92740	.00025 Mrd.	13	\$3.50	\$2.10
92741	.00035 Mrd.	17	3.75	2.25
92742	.0005 Mrd.	25	4.00	2.40

EXTRA SPECIAL

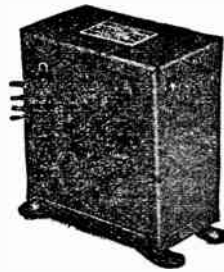
While our stock lasts we can offer the high-grade BENJAMIN S. L. F. Type Condenser (their No. 8661) at an extraordinary price saving. Beautifully finished in unpolished silver. Capacity .00035, No. 92788. Reg. List \$4.75. Only **79c**



Dongan Transformers

For Raytheon B-A Tube Circuit

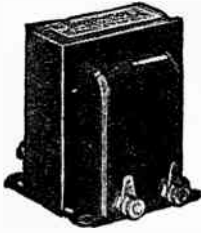
These two instruments are approved by RAYTHEON for the use in the popular ABC circuit, where tubes are connected in series. Successful elimination of all radio batteries has been achieved in the perfection of this new 350 Mil. Raytheon BA Tubes. Both units are enclosed in attractive and efficient metal cases. Diagram for connecting these units enclosed with each package.



No.	Type	List	Each
96315	Transformer 3591	\$15.00	\$9.00
No. 96316	Double Choke Unit 3584	15.00	9.00

THORDARSON

ELECTRIC MFG. CO.



Thordarson Transformers are unconditionally guaranteed. They are built with one aim—perfect reproduction.

AUDIO TRANSFORMERS

The regular audio transformers have terminals on top and are made in three ratios.

No.	Ratio	List	Each
93385	3½ to 1	\$4.00	\$2.40
93386	6 to 1	4.50	2.70
93387	2 to 1	5.00	3.00

SUB-PANEL MOUNTING TYPE

Leads come out the base. Provides for neater assembly and shorter leads.

No.	Ratio	Type	List	Each
97101	3½ to 1	R180	\$4.00	\$2.40
97102	6 to 1	R181	4.50	2.70
97103	2 to 1	R182	5.00	3.00

R-200 AMPLIFYING TRANSFORMER

A "laboratory model" transformer, fully enclosed in beautiful finished case. Provides unusually smooth amplification curve. No. 93389 Type R 200.....List \$8.00 Each \$4.80

THORDARSON POWER TRANSFORMER



These two transformers (input and output) are the correct type to use with the popular 310 Power Tube with its high voltage requirement. The quality of these transformers is reflected in improved tone quality.

No.	Type	List	Each
96700	Input No. T-2408	\$8.00	\$4.80
96701	Output No. T-2420	8.00	4.80

SPEAKER COUPLING TRANSFORMER

Designed as output transformer to protect speaker from high voltage used with 371 and 310 tube. No. 96702 Type R-76.....List, \$6.00 Each, \$3.60

THORDARSON AUTOFORMER



An impedance coupled transformer giving unusual clarity and good volume. It is an all-frequency amplifier and should not be confused with transformer coupled amplification.

No.	Type	List	Each
93388	Type R190	\$3.00	
	List	\$5.00	

THORDARSON Filament Heater TRANSFORMER



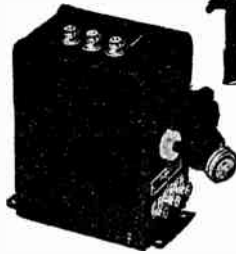
Type T-2445 is used to supply proper voltages to the new A.C. tubes such as CX326, C327, UX126 and U127. Built with the customary Thordarson precision.

No.	List	Each
96703 Type T-2445	\$10.00	\$6.00

SPECIAL TRANSFORMERS

Full information on the use of the following Thordarson will be mailed on request. Their use is necessary wherever more than 1 power tube (371 or 310) or 1 rectifying (381) is used.

No.	Description	List	Each
96704	130 MA. FULL-WAVE RECTIFIER Transformer T-2098 For 2 316B or 381 Tubes	\$20.00	\$12.00
96705	DOUBLE CHOKE UNIT T-2099 30 Henry Choke, capable of carrying 130 MA.	\$14.00	\$8.40
96706	5-VOLT FILAMENT SUPPLY Transformer T-2180 Used with more than 1 power tube	\$5.00	\$3.00
96707	7½-VOLT FILAMENT SUPPLY Transformer T-2230	\$7.50	\$4.50



THORDARSON

ELECTRIC MFG. CO.

POWER COMPACT R171 & R210

Thordarson Power Compacts have greatly simplified the building of "B" supplies and power amplifiers. It is a complete foundation unit that has high efficiency and is silent in operation. Complete kit listed below.

Thordarson Power Compact R-171. A complete unit for Raytheon BH or QRS tube.

No. 93470, R-171, List \$15.00. Each \$9.00

Thordarson Power Compact R-210. Foundation unit for "B" supply and power amplification for CX316 and CX310 tube.

No. 93469, R-210, List \$20.00. Each \$12.00

R-196-30 HENRY CHOKE COIL for use in filter circuits with "B" Eliminators and power amplifiers. No. 93394.....List \$5.00 Each \$3.00

THORDARSON Output Resistors



These two special voltage divider resistors and kit are designed especially for the use with the R-171 and 210 Power Compact.

No.	Type	For Use with	List	Each
96709	R-508-1	R-171	\$2.15	\$1.29
96710	R-508-3445	R-210	4.90	2.94

POWER INPUT PLUG R-172



This plug makes a convenient method of connecting the power amplifier to the receiver. 3 ft. cord.

No. 96711 Type R-172.....List, \$1.00 Each, 60c

THORDARSON POWER PACK R-171

All parts used in this Kit are official and approved by Thordarson. Uses 371 Power Tube and Raytheon BH Tube.

- 1 Thordarson Power Compact R-171
- 1 Thordarson Output Choke R-196
- 1 Thordarson Resistance Unit R-508-1
- 1 "B" Condenser Block (Tobe or Potter)
- 1 2 Mfd. Condenser (Tobe or Potter)
- 2 Benjamin CX Sockets
- 1 Thordarson Input Plug R-172
- 5 Eby Binding Posts

No. 95049 Complete with book of instructions. List, \$39.15 Each, \$23.44 **\$22.97** Net
Less 2% or.....

POWER PACK 210

This Power Kit gives excellent results and assures total absence of hum and extreme quality reproduction through efficient power tube 310.

- 1 Thordarson Power Compact 210
- 1 Condenser Block 210 (Tobe or Potter)
- 1 Thordarson Resistor Kit R-508-3445
- 1 Thordarson Output Transformer R-76
- 1 Thordarson R-200
- 2 Frost CX Sockets
- 7 Eby Binding Posts

No. 95050 Complete with book of instructions. List, \$52.70 Each, \$31.55 **\$30.92** Net
Less 2% or.....

TRANSFORMER FOR RAYTHEON 350 MIL. BA TUBE (For Complete A B C Unit)

These units are the proper equipment for use with the new Raytheon or QRS ABC Tube, where tubes are connected in series. No. 96708 Transformer T-2229.....List, \$20.00 Each, \$12.00
No. 96712 Double Choke Unit T-2029. List, 19.50 Each, 11.70

Thordarson Power Packs make it Easy for you to Build a First-class "B" and Amplifier.

Ask for complete data

SM

SILVER-MARSHALL AUDIO TRANSFORMER

A fine audio transformer with a ratio of 3 to 1. Guaranteed to give superior tone reproduction.



No.	Audio	Type	220.....	List	Each
93373	Audio	Type	240....	\$8.00	\$4.80
97014	Audio	Type	240....	6.00	3.60

SILVER-MARSHALL OUTPUT TRANSFORMER

To be used between last power tube and loud-speaker in any audio amplifier. Improves tone quality.
 No. 93374 Output Trans. Type 221. List, \$7.50 Each, \$4.50
 No. 97015 Output Trans. Type 241. List, 5.00 Each, 3.00

NEW TYPE 222 WITH PIN JACKS

Type 222 is the same electrically as 221, but has 4 pin jacks and 2 extension cords, to make it easy to install between set and speaker.
 No. 93397 Type 222..... List, \$8.00 Each, \$4.80

NEW TYPE PUSH-PULL TRANSFORMER TYPE 230 and 231

Represent one of the most important advances. For second stage audio amplification and 2 112 or 371 Tubes. Type 230, "Input" with split secondary can be used as 3:1 or 6:1 in any circuit.
 No. 93490 Type 230 Input..... List, \$10.00 Each, \$6.00
 No. 93491 Type 231 Output..... List, 10.00 Each, 6.00

NEW 325 STEP DOWN TRANSFORMER

Designed to supply 1½ and 2½ volt filament current for all A. C. tubes and also 5 and 7½ volts for 212, 371 and 310 Power Tubes. Transformer provided with electrostatic shield and plug and cord.
 No. 96200..... List, \$8.00 Each, \$4.80

SILVER-MARSHALL R. F. CHOKE

Type 275 for use up to 600 meters. Bakelite housing. Inductance 2½ millihenries.
 No. 96201..... List, 90c Each, 54c



SILVER-MARSHALL SUPER-HET. TRANSFORMER KIT

The Silver-Marshall Inter-stage and Tuned Transformers are a distinct advantage for accurate reception. Can be used either in the McMurdo-Silver system or other super-hets.

No.	Intermediate, S-M, No. 210.....	List	Each
92645	Intermediate, S-M, No. 210.....	\$6.00	\$3.60
No.	Tuned Stage, S-M, No. 211.....	6.00	3.60
92646	Tuned Stage, S-M, No. 211.....	6.00	3.60



SILVER-MARSHALL MIDGET CONDENSER

A small .000025 mfd. adjustable condenser, designed for compensating, balancing or antenna coupling. Complete with control knob.

No. 93360..... List \$1.50 Each 90c

S-M AUDIO CHOKE No. 243

Preferred by many who want to use the Conventional choke and 2. or 4. MFD. Condenser Combination.
 No. 97134..... List \$5.00 Each \$3.00

NEW No. 5 THIRTY HENRY CHOKE 244

For those who prefer to use 2 power chokes in "B" Eliminators and Power Amplifier circuits.

30 Henries at 60 Milliamperes
 No. 97135..... List \$5.00 Each \$3.00

NEW MICRO TRANSFORMER No. 242

A "Modulation" or "Line Coupling Transformer for the "Ifam." A new item that will be a popular seller.
 No. 97138..... List \$7.50 Each \$4.50

SM

SILVER-MARSHALL



"B" UNITS

TYPE 329 POWER TRANSFORMER

Contains two 200-volt secondaries, one 110 volt, 60 cycle primary and one 5-volt filament winding center tapped. Rated at 85 mil. Has electrostatic shield. With cord and plug.
 No. 93317 Type 329..... List \$9.00 Each \$5.40
TYPE 330—POWER TRANSFORMER. Rated at 85 millamps. Continuous duty. 2-300 volt secondaries. 1-110 volt primary and a 7.5 volt filament lighting winding.
 No. 93390..... List \$9.00 Each \$5.40
TYPE 331—UNICHOKE. 2-Winding, high inductance filter choke. 85 milliamperes.
 No. 93391..... List \$8.00 Each \$4.80
TYPE 332—CONDENSER BANK. Intended for use in "A," "B" and "C" power supply filters.
 No. 93392..... List \$12.50 Each \$7.50

328 SUPER POWER TRANSFORMER

A full wave power transformer for 1 or 2 381 Tubes. 2 550-volt secondaries and rated at 111 Mill.
 No. 97016..... List \$18.00 Each \$10.80



S-M INTERCHANGEABLE COILS

Designed for permanent uniformity and extremely low losses. Enameled wire wound upon 6 threaded ridges of moulded bakelite form. Suited for unicontrol receivers on account of their uniformity. All fit the 6 contact coil socket. Adjustable rotor. Other types furnished on request.

		Two Equal Windings		
S-M Type	Range	List	Each	
No. 93375 No. 110A	190-550 Meters	\$2.50	} \$1.50	
No. 93376 No. 110B	70-200 Meters	2.50		
No. 93377 No. 110C	30- 75 Meters	2.50		
Single Winding with Concentrated Primary				
No. 93378 No. 111A	190-550 Meters	\$2.50	} \$1.50	
No. 93379 No. 111B	70-200 Meters	2.50		
No. 93380 No. 111C	30- 75 Meters	2.50		
Other types furnished on request.				
No. 93384	Socket for above Coils.....	1.00		60c

Silver-Marshall Lowloss Coupler

Wavelength 190 to 550 meters with .0005 condenser. Consists of self-supporting stator coil and 10-turn primary.
 No. 92583..... List, \$5.00 Each, \$3.00

Silver-Marshall Antenna Coupler

Designed for circuits with loop reception. Low loss inductance. With .0005 Condenser.
 No. 92584..... List, \$2.50 Each, \$1.50

Silver-Marshall Coupling Unit

Type 101B Coupling Unit is used with a .0005 Condenser. Adjustable rotor.
 No. 92647 Type 101B..... List, \$2.50 Each, \$1.50

No. 96201 Radio Frequency Choke No. 275..... Each, 54c

NEW PUSH-PULL TRANSFORMERS

No. 245 and 246
 A lower priced pair of push-pull transformer which will be a very popular seller. Ready December 10th.
 No. 97136 Type 245..... List \$7.50 Each \$4.50
 No. 97137 Type 246..... List 7.50 Each 4.50

S-M 329A POWER TRANSFORMER

No. 97139 Type 329A—(ABC)..... List \$11.00 Each \$6.60

S-M KITS

LISTED ON PAGE 53

RITCO TRANSFORMERS AND CHOKES NOW LISTED ON PAGE 53



For the music lover, there is no better audio than the Rauland-Lyric. Especially designed for quality reception.

No.	List	Each
92075	\$9.00.....	\$5.40



ALL-AMERICAN AUDIO

National advertising and superior quality have made All-American Transformers good sellers.

	List	Each
91511 3 to 1.....	\$4.50	\$2.70
91521 5 to 1.....	4.50	2.70
91519 10 to 1.....	4.50	2.70

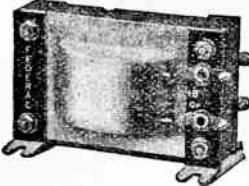


ALL-AMERICAN PUSH-PULL TRANSFORMER

Used for power amplification giving unusually clear and loud signals. Always order in pairs (1 of each type).

No.	Type	List	Each
92550	R30 Input.....	\$5.00	\$3.00
92551	R31 Output.....	5.00	3.00

FEDERAL Super A. F. Transformer



SUPER 65 and Super 65A Audio Frequency Transformers are the latest development of Federal Engineers in Transformer structure. Coils are entirely in brass compartment. Super 65A is especially designed for use in second and third stages of audio frequency amplification and in combination with Type 65 will give maximum amplification without distortion.

Table with 5 columns: No., Type, Ratio, List, Each 5 Lots. Rows include Super 65 and Super 65A.

OTHER FEDERAL PARTS Anti-Capacity Switches. 94895 Type 1424-W 4 P. D. T. 12 Spring List \$3.20. Each \$2.08. 94896 Type 1425-W D. P. D. T. 6 Spring List \$2.75. Each \$1.78.

NO. 260-W MICROPHONE For experimental radio telephony, 40 ohms resistance. No. 94897... List \$7.00 Each \$4.55. NO. 168 BUZZER High-Frequency buzzer for wave meter, test set or laboratory use. No. 94898... List \$2.75 Each \$1.78.

SAMSON POWER UNITS meet the most exacting needs. They are designed to stand overload and their regulation is extremely good. They are a permanent product.

Samson Choke No. 30



Has inductance of 30 henrys, up to a direct current of 30 Mill. The direct current resistance of this choke is 470 ohms. Compact and convenient. It can be depended upon to have the rated inductance up to and including the value of direct current specified. Has ample amount of iron and copper.

Table with 4 columns: No., Type, List, Each. Row: 94928 Choke No. 30 \$5.00 \$3.25.

SAMSON CHOKE No. 380 The SAMSON 30-henry Choke No. 380 is designed to meet the requirements in "B" eliminator and other circuits where chokes carrying up to 80 Mill. direct current are required. Direct current resistance of this choke is but 200 ohms. Connections are made to this choke by means of insulated binding posts.

Table with 4 columns: No., Type, List, Each. Row: 96929 Choke No. 380 \$11.00 \$7.15.

SAMSON CHOKE No. 312 The SAMSON 30-henry choke No. 312 has the necessary characteristics for use in circuits where the direct current must reach values as high as 120 Mill. and where inductance value must be 30 henrys. D. C. regulation is extremely good.

Table with 4 columns: No., Type, List, Each. Row: 96930 Choke No. 312 \$12.00 \$7.80.

PLATE IMPEDANCE TYPE P Performs well at all audible frequencies, even with high "MU" tubes. No. 96931... List \$5.00 Each \$3.25.

GRID IMPEDANCE TYPE G Can be used alone or in combination with a grid leak resistance as a grid leak in an impedance coupled amplifier. No. 96932... List \$4.50 Each \$2.93.

SAMSON



SAMSON products are made with a watch-like precision of detail. SAMSON Audio Transformers, including the famous symphonic, SAMSON condenser, SAMSON chokes and other SAMSON apparatus have become recognized leaders. Special bulletins issued by SAMSON gladly supplied on request. Our net prices below are equal to 40% from the list price.

Samson Transformers

SAMSON Audio Units will give a proper response to low notes as well as high ones over a greater range, due in part to the helical winding. 6-1 ratio gives most volume per stage with a quality sacrifice of lower notes; 3-1 ratio gives best average results; 2-1 stage gives more uniform amplification for all audible notes with a small sacrifice of volume.

Table with 5 columns: No., Type, Ratio, List, Each. Rows include Standard HW-A3, Standard HW-A3, and Standard HW-A3.

Samson Symphonic

The "SYMPHONIC" is for those who want the best. It is the result of years of research involving the creation of new materials. The "SYMPHONIC" is in a class by itself and insures far greater pleasure to the listener.

Table with 3 columns: No., List, Each. Row: No. 94903 List \$10.00 Each \$6.50.

SAMSON DUAL IMPEDANCE (Dontie Design) An economical, compact unit containing plate and grid impedances and coupling condenser. Gives very good results with 301A tubes. No. 94904 Type D... List \$5.00 Each \$3.25.

SAMSON OUTPUT IMPEDANCE (Type O) For use with high-power tubes in last stage of audio amplifier to keep direct plate current of "B" from passing through and damaging the speaker. Suppresses distortion due to feedback effects. No. 94905 Type O... List \$5.00 Each \$3.25.



SAMSON AUDIO FREQUENCY CHOKE NO. 3

Conserves "B" batteries, eliminates howling or "motor-boating" and suppresses distortion in audio amplifiers. Designed for isolating the different stages of A. F. amplifier by insertion in "B" leads in conjunction with a by-pass condenser.

Table with 4 columns: No., Type, List, Each. Row: 94906 Type No. 3 \$3.25 \$2.11.



Samson RF Choke

Improve quality of reception and control radio frequencies even down to wave lengths of a few meters. Used in grid circuits of first amplifier tubes in "B" plus leads of R. F. tubes, in reflex circuits. In place of resistance lead in a resistance coupled r. f. amplifier and in many other ways. Helical (not layer) wound.

Table with 5 columns: No., Type, Cap., List, Each. Rows include 94907, 94908, and 94909.



SAMSON "B" Eliminator Transformers

These transformers have many exclusive constructional features that put them well in advance of any other type offered on the market. Take care of variations in line voltage.

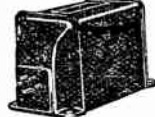
TRANSFORMER No. 132 Rated at 40 Watts. Furnishes a 200-volt plate supply at 80 Mill. or less from a "60 cycle" power source. Fitted to furnish necessary filament supply for 380 tube and also one or two 371's. Can also be used with Raytheon BH Tube. No. 96933... List \$15.00 Each \$9.75.

TRANSFORMER No. 162 Furnishes 500-volt plate supply to 310 tube and also lower voltages to other tubes. Rated at 75 Watts. Filament supply for 381 rectifier tube and one or two 310 tubes. No. 96934... List \$19.00 Each \$12.35.

TRANSFORMER No. 232 An A-B-C eliminator transformer designed to supply 200 volts D. C. and is also capable of supplying necessary "C" voltages. Winding supplies filament current for 5 CX326 A. C. tubes, another for CX327, and the third for 371 tube. Rated at 100 Watts. No. 96935... List \$16.50 Each \$10.73.

TRANSFORMER No. 262 Same as Transformer No. 323, but the third winding takes care of one or two 310 tubes, as it supplies 500 volts A. C. No. 96936... List \$21.00 Each \$13.65.

GET COMPLETE DESCRIPTION By Writing for SAMSON Circulars



SAMSON Power Blocks

Very efficient combinations that will permanently supply power to their respective tubes. Accurately built.

POWER BLOCK No. 713 Supplies energy for 180 volts D. C. at 50 Mill. Contains two chokes and one special "B" eliminator transformer. Supplies filament current for one 380 and one 371 tube. Rated 30 Watts. No. 96937... List \$24.50 Each \$15.93.

POWER BLOCK No. 718 Includes SAMSON No. 132 and two SAMSON Chokes No. 380. By this combination the number of necessary connections is minimized. 200 Volt D. C. up to 80 Mill. No. 96938... List \$33.50 Each \$21.77.

POWER TRANSFORMERS No. 210 Furnishes 500 volts D. C. from 80 cycle A. C. current (up to 80 Mill.). Especially fitted for "B" supply for 210 tubes. For any amplifier, where large power output undistorted is desired. Combines one No. 162 and two 380 Chokes. No. 96939... List \$37.50 Each \$24.38.

SYMPHONIC PUSH-PULL COMBINATION

Comprises one Symphonic Push-Pull Input Transformer and one Symphonic Push-Pull Output Impedance. A combination that gives wonderful tone quality. Sold in pairs only. No. 96940 List \$19.50 Per Pair Each \$12.68.

PREMIER Quality Radio Parts



PREMIER HEGEHOG

This famous little transformer is about the size of an English walnut. 100 per cent shielded. Mounts anywhere, saves space in assembly.

No.	Ratio	List	Each	10 Lots
92045	1 to 3	\$3.50	\$2.10	\$1.89
92046	1 to 4	3.50	2.10	1.89
92047	1 to 5	3.50	2.10	1.89
92048	1 to 10	4.50	2.70	2.43



PREMIER RADIO TRAN

An "air core," non-interfering radio frequency transformer, correctly designed and efficient in all circuits. List \$1.50.

No. 92039 Each \$0.90 10 Lots \$0.81

THE LATEST AND MOST SUCCESSFUL KITS ARE LISTED ON PAGES 54-61

X-L NEUTRALIZING CONDENSER



For use in Neutrodyne, Browning-Drake, Roberts' McMurdo Silver's Knockout and any circuit where balance is required. Extreme micrometer adjustment.

No. 93290 Model N List \$1.00 Each 70c 6 Lots 60c

X-L VARIABLE GRID CONDENSER



Designed to insure correct and permanent value for any tube or circuit within its range. Used in Super-Het, replacing fixed condensers. Complete with grid lead clips.

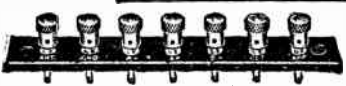
No.	Capacity	List	Each	6 Lots
93288	.00002 to .0001	\$1.50	\$1.05	\$0.90
93291	.0001 to .0005	1.50	1.05	.90
93289	.0003 to .001	1.50	1.05	.90

X-L BINDING POSTS



The X-L "Push-Post" has many superior features. No screwing—no shearing of wires—no jarring loose. Easy to enter wires. Furnished with attractively plated markings. Excels in looks, action, service and convenience.

No.	Marking	No.	Marking	List
96390	Aerial	96397	B 22½	15c
96391	Ground	96398	B 45	Each
96392	Loudspeaker	96399	B 90	10c
96393	A—	96400	B Ampl.	Per 100
96394	A plus	96401	C—	\$9.00
96395	B—	96402	C Plus	
96396	B plus	96403	Loop	

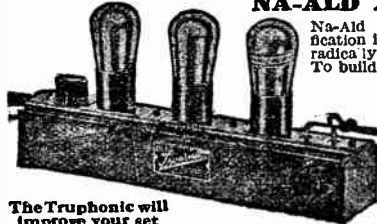


X-L Binding Post Strip

Handsome polished panel with seven mounted push-posts engraved A minus, A plus, B minus, B Det., B Ampl., Ground and Aerial.

No. 96404..... List, \$1.50 Each, 90c

NA-ALD AMPLIFIER



Na-Ald Truphonic amplification is based on new and radically different principles. To build new set of modernize old set. Consists of three couplers and one output unit, battery cable and rheostat. 12¼" x 2¼" x 2¼".

No. 93475 Complete Unit. List, \$25.00. Each.....\$15.00

The Truphonic will improve your set

MUTER DOUBLE-TUNED IMPEDANCE (UNIT Hiler Patent)



Hiler Coils with Muter Condensers give the ultimate A. F. amplification. Doubly sealed in highly enameled metal case. Finest tuned audio frequency unit. 4"x3¼"x2½".

No.	Ratio	List	Each
96207	First Stage.....	\$6.00	\$3.60
96208	Second Stage.....	6.00	3.60
96209	Third Stage.....	6.00	3.60

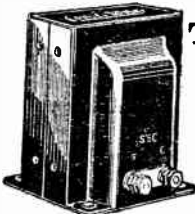
MUTER AUDIO FREQUENCY TRANSFORMER



A popular priced audio transformer of exceptional good quality. Highest grade silicon steel core. Black enamel and nicked finish.

No.	Ratio	List	Each	10 Lots
93447	¾ to 1.....	\$2.25	\$1.35	\$1.22
93448	5 to 1.....	2.50	1.50	1.35

Jefferson Transformers CONCERTONE



This new audio gives equal amplification from 30 to 10,000 cycles. All vocal and instrumental notes are reproduced with natural tone. Especially adapted for use with new power tubes. Sealed in metal case.

No. 93495..... List \$6.00 Each \$3.60

"STAR" SEALED AUDIO

Now comes in the sealed black enameled sheet steel case with nicked bank. The finest rolled silicon steel is used.

No.	Ratio	List	Each
93252	3 to 1	\$2.75	\$1.65
93253	5 to 1	2.75	1.65

TAPPED POWER AMPLIFIERS



This pair fills a long-felt want for so-called Push-Pull Amplifiers. Recommended where extreme volume is required, as for instance in third stage audio work.

No. 93257 (Pair No. 47 and No. 48) Each, \$3.76

INTERMEDIATE FREQUENCY



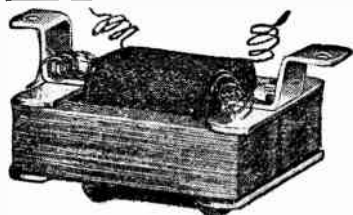
The effective band is 13,000 cycles wide. To be used with C299 or CX 299.

No. 93259 Input (30 K. C.)..... Each \$1.98

JEFFERSON OUTPUT TRANSFORMER

Designed for use with impedance or resistance coupled circuits and in connection with power tube to prevent blasting of loudspeaker. 30" Cord. Model 395.

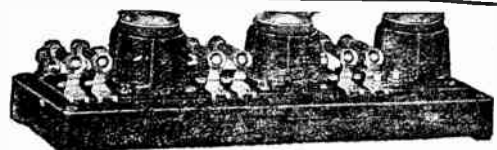
No. 93496 List.....\$6.00 Each.....\$3.00



JEFFERSON

No. 370 Makes ideal replacement job. Can be used for practically any set. Unmounted, but has 2 brackets for attaching. 2¼" x 2¼" x 1½". Bracket on 3" center.

No. List Each 6 Lots 96941 \$2.25 \$1.50 \$1.35



DAVEN Resistance Coupled UNIT

The DAVEN Unit employs resistance-coupled amplification for use with HI-MU Tube (CX340). Complete with all resistors, grid leaks and coupling condensers. Size, 3¼" x 10¼".

94740 Complete (excl. of tubes)..... List \$15.00 Each \$9.00

WE ARE HEADQUARTERS FOR SOCKET POWER UNITS

We carry the largest assortment of high-grade Socket Power Units. Look over pages 12 to 21. All the latest approved units. You can run ANY set off the light socket with these units.

BRADLEY UNIT PERFECT FIXED RESISTOR and GRID LEAK



An accurately calibrated fixed resistor for resistance coupled amplifier hookups and as accurate gridleaks. Not affected by temperature or moisture. Non-inductive. Silver plated tips may be soldered.

by temperature or moisture. Non-inductive. Silver plated tips may be soldered.

Table with 8 columns: No., Ohms, List, Each, No., Meg-ohms, List, Each. Lists various resistor values and prices.

MUTER

GRID LEAKS

A permanent resistance element hermetically sealed in a substantial glass tube. Will fit all standard mountings. Guaranteed accurate.

Table with 3 columns: No., Meg., List. Lists Muter Grid Leak models and prices.



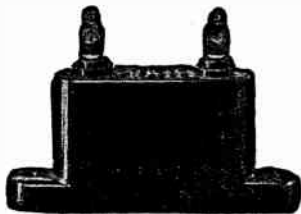
MUTER GRID LEAKS AND RESISTANCE MOUNTING

Black bakelite base, 1 1/4" long with 1/8" mounting hole. Nickel plated brass clips with knurled terminals and lock nuts. Well constructed.

Table with 4 columns: No., Type, Each, 10 Lots. Lists Muter Grid Leak mounting options.

BUILD THE SILVER SUPER See Page 53

DUBILIER



The New Moulded Micadon

A highly efficient condenser that adapts itself to the modern trend of set building. Has Bakelite moulded case, compact in size and neat in appearance. "The Standard Fixed Condenser of Radio." In attractive individual packets.

Table with 4 columns: No., Capacity, List, Each. Lists Dubilier Micadon models and prices.

SMALL MICADON CONDENSERS

Type 601



Table with 4 columns: No., Capacity, List, Each. Lists Small Micadon Condenser models and prices.

With Grid Leak Mounting



Table with 4 columns: No., Capacity, List, Each. Lists Small Micadon Condenser with Grid Leak Mounting models and prices.

DUBILIER LIGHT SOCKET AERIAL LISTED ON PAGE 25

DUBILIER

By-Pass Condensers

Type 907-908

These are Paper dielectric condensers designed for "By-Pass" work. Have special mounting feet. Solder lug terminals are provided. Occupies small space.



Table with 6 columns: No., Type, Cap., List, Each, No., Type, Cap., List, Each. Lists Dubilier By-Pass Condenser models and prices.

DUBILIER GRID LEAK RESISTOR



Dubilier Metaleak is an accurate and noiseless resistance. Glass coated with extremely thin layer of specially prepared metal.

Table with 6 columns: No., Resistance, List, Each, No., Type, Cap., List, Each. Lists Dubilier Grid Leak Resistor models and prices.



DUBILIER CONDENSER BLOCK FOR RAYTHEON BA 350 MIL. TUBE

This is a special condenser for the new "A-B-C" unit, using tubes in series. No. 94987 3 Units Complete. List \$29.50 Each \$17.70

QUICK DELIVERY IS IMPORTANT TO YOU

That's why we keep always an adequate stock on hand - Our Minute Man Service assures you of shipment of your order the same day we receive it. Just a word of caution, nevertheless, in regard to new-type radio merchandise. In some rare instances manufacturers are slow in delivery and we may be unable to

give you this prompt service on a particular item. But you may be sure that we follow all orders through in the most prompt manner possible. We have acquired through years of consistent service a very enviable reputation and we intend fully to keep up the good work.

TOBE TINYTOBE CONDENSERS



THE established quality of TINYTOBE Condensers is recognized by set builders and manufacturers. TINYTOBE condensers are made for constant operating voltages up to 500 volts D. C. Extremely simple to install. Light and of small size.

No.	Cap.	List	Each
94856	.0001	\$.035	\$.21
94857	.00025		
94858	.0005		
94859	.0015	\$.040	\$.24
94860	.001		
94861	.002		
94862	.003		
94863	.004		
94864	.005	\$.045	\$.27
94865	.006		
94866	.0075		
94867	.01		
94868	.02	\$.60	.36

SPECIAL TYPE
.00007
Each 24c



BY-PASS and FILTER CONDENSERS



TOBE in their silvered metal cases, are standard for all by-pass and filter circuit use.

Noiseless and unchangeable. Are used and recommended for all circuits and Raytheon "B" hookups. The 4.0 mfd. is especially suitable for use in output devices required with CX371 and similar power tubes.

No.	Tobe Type	Sizes	List	Each
94850	310	.1 mfg.	\$0.70	\$0.42
94851	325	.25	.75	.45
94852	350	.5	.90	.54
94853	301	1.0	1.25	.75
94854	302	2.0	1.75	1.05
94855	304	4.0	3.50	2.10
96471	311 Buffer		1.50	.90



400 LINE CONDENSERS

For use with Raytheon BH Tube and all other B supplies furnishing 180-250 volts. "Short Path" type giving greatest efficiency in operation.

No.	Tobe Type	Capacity	List	Each
96472	401	1 Mfd.	\$2.00	\$1.20
96473	402	2 Mfd.	2.75	1.65
96474	404	4 Mfd.	4.50	2.70
96475	411	2 x 0.1 Buffer.	2.00	1.20

TOBE 600 LINE POWER PACK CONDENSERS

Extremely rugged, will operate continuously on D. C. voltages from 600 to 1,000 volts. Containers finished in the familiar TOBE silvered finish.

No.	Tobe Type	Capacity	List	Each
94844	650	0.5 Mfd.	\$2.00	\$1.20
94845	601	1.0 Mfd.	2.50	1.50
94846	602	2.0 Mfd.	3.50	2.10
94847	604	4.0 Mfd.	6.00	3.60

SPECIAL TOBE B BLOCKS

Compact, cased groups of Condensers, with conveniently arranged terminals. Tobe "B" Blocks are specified for the following purposes.

No.	Model	Circuit	List	Each
94848	R-171	Thordarson Power Pack	\$15.00	\$9.00
94849	R-210	Thordarson Power Pack	18.00	10.80
96476	765	For Raytheon BH.	13.00	9.80
96477	No. 1	For Raytheon ABC Unit	10.00	6.00
96478	No. 2	For Raytheon ABC Unit	10.50	6.30
96479		For QRS ABC Power Supply	14.00	8.40

(Requires also No. 411 and 401)

TOBE INTERFERENCE FILTER

Reduces radio interference from oil burners, refrigerators, sewing machines, motors, etc. Provided with 5 leads.

No.	Type	List	Each
96480	1	\$10.00	\$6.00
97012	2 (Up to 5 H. P.)	15.00	9.00

Faradon FILTER UNITS



Faradon Condenser Filter units are subjected to numerous tests and are produced by improved methods. Each unit is labeled with proper continuous operating voltage. Furnished in vacuum-impregnated, moisture-proof pressboard containers.

No.	Capacity	Maximum Operating Voltage	List	Each
96720	0.1-0.1	1000	\$1.50	\$0.90
96721	1.0	300	1.25	.75
96722	1.0	450	1.75	1.05
96723	1.0	600	2.25	1.35
96724	2.0	300	1.75	1.05
96725	2.0	450	2.25	1.35
96726	2.0	600	3.00	1.80
96727	4.0	300	2.75	1.65
96728	4.0	450	3.75	2.25
96729	4.0	600	5.75	3.45

FARADON Capacitor Blocks



Type WS 3750 A
For RAYTHEON BH TUBE
This unit is rated at 14.2 Mfd. and tapped .1, .1, 2., 2., 4., 4., 1., 1., 1.

No. 96730	List \$10.50	Each \$6.30
Type WS-3770 A	Suitable for use with Raytheon BA Type tube.	
No. 96731	List \$14.50	Each \$8.70

DURHAM METALLIZED RESISTORS

A HIGH-RESISTANCE element scientifically perfected to resist all moisture and atmospheric changes. Brass terminals attached by a special process to the metallized glass core give electrically tight connections. Noiseless. A grid-resistor of permanent and accurate resistance value.

No.	Range	List	Each
94869	2,500 ohms	\$1.00	\$0.60
94870	5,000 ohms		
94871	10,000 ohms		
96785	20,000 ohms		
94872	25,000 ohms		
96786	30,000 ohms	\$0.75	\$0.45
94873	50,000 ohms		
96787	75,000 ohms		
94874	100,000 ohms		
94875	.25 megohm			$0.50	$0.30
94876	.5 megohm		
94877	.75 megohm		
94878	1. megohm		
94879	2. megohm		
94880	3. megohm		
94881	4. megohm		
94882	5. megohm		

DURHAM GRID RESISTOR MOUNTING

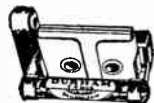
Single mounting of exceptionally high resistance.

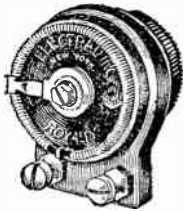
No. 97013	List 50c	Each 30c
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Durham Powerohms

A recently perfected power resistor which is widely used by "B" eliminator manufacturers. Constructed from special heat dissipating material.

No.	Range	List	Each
96735	5,000 Ohm	\$1.25	75c
96736	10,000 Ohm		
96737	25,000 Ohm		
96738	50,000 Ohm		
96739	100,000 Ohm		
No.	Range	List	Each
96740	5,000 Ohm	\$1.50	90c
96741	10,000 Ohm		
96742	25,000 Ohm		
96743	50,000 Ohm		
96744	100,000 Ohm		





ELECTRAD ROYALTY
Non-Inductive
HIGH RESISTANCES

The accepted standard for volume control. Non-inductive, non-hydroscopic. Unusually high current carrying capacity. Wire wound on genuine bakelite base. Resistance remains constant at every point.

No.	Type	Resistance	Price
97000	"A" Variable Cridleak	1/10-7 meg.	List \$1.50 Each 90c
97001	"B" Variable High Resistance,	1500-100,000 ohms	
97002	"C" Variable High Resistance,	500-50,000 ohms	
97003	"D" Detector Control for "B" Elim-	inators 10M-70M ohms	
97004	"F" Variable High Resistance	0-2000 ohms	
97005	"K" Variable High Resistance	0-5000 ohms	
97006	"G" Variable High Resistance	0-10,000 ohms	
97007	"H" Variable High Resistance	0-25,000 ohms	
97008	"J" Variable High Resistance	0-200,000 ohms	
97009	"L" Variable High Resistance	0-500,000 ohms	
97010	"E" Compensator, 500,000 Potentiometer.		List \$2.00 Each.....\$1.20



AMPERITE
The "SELF-ADJUSTING" Rheostat

An automatic filament control which eliminates all forms of hand rheostats from every circuit of audio and radio frequency amplification. Permits the use of any type of tube. Approved by every prominent laboratory in the country. Complete with mounting.

No.	Type	Tube	Volts	Price
91890	1-A	201A or 301A	6	List Each \$1.10 66c
91891	4-V	UV199, C299	4-4 1/2	
91892	6-V	UV199, C299	6	
91895	112	CX112 & CX371	5	
91896	220	CX220	3	
91769	3-A	3/4 Amp.		
91877	4-A	1 Amp.		
91770	5-A	1 1/4 Amp.		

NEW DOUBLE AMPERITE MOUNTING
No. 97011 List 70c..... Each 42c

MUTER FIXED RHEOSTAT

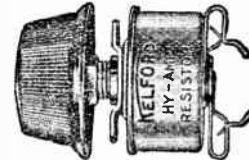


Has permanent resistance wire hermetically sealed in glass tube. Black Bakelite base. Recommended only for audio or radio amplifying tubes. List 50c.

No.	Type	Amp.	Price
95068	For 1 301-A	.25	Each 32c
95069	For 2 301-A	.50	
95070	For 3 301-A	.75	Lots 30c
95071	For 4 301-A	1.00	
95072	For 1 299-6V.	.06	
95073	For CX-112	.50	
95074	For CX-220	.125	

Protect and Lengthen Tube Life

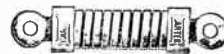
"KELFORD" Hi-Amp. Resistor



The KELFORD meets the exacting requirements of a variable resistor for sets as well as "B" eliminators. Construction permits mounting as either one or two hole type. Insulated to carry approximately 1,200 volts. Absolutely noiseless; non-inductive and non-microphonic. Complete with knob. Resistance range 0 to 4,000,000 ohms.

No. 96206..... List \$1.25. Each **75c** Less 2%

CARTER RESISTORS



CARTERS are very popular resistors and are used to reduce 6 volt current to 5 volts as required for different tube combinations. Also resistors for the 299 Tube.

FOR 301A TUBES			FOR 299 TUBES		
No.	No. Tubes	Res.	No.	No. Tubes	Res.
95091	1	4 ohm.	96145	1	40 ohm.
95092	2	2 ohm.	96146	2	25 ohm.
95093	3	1-3 ohm.	96147	3	15 ohm.
95094	4	1 ohm.	96148	4	10 ohm.
95095	5	4-5 ohm.	96149	5	8 ohm.
95096	6	2-3 ohm.	96150	6	6 ohm.

List 25c, Each 15c

Bradley



NEW TYPE BRADLEYSTAT

The new type Bradleystat, with three terminals. Will give perfect filament control for any standard tube, including UV-199 or UV-201A. Gives perfect filament control because of Graphite type. Absolute micrometer adjustment possible. With removable knob. List price, \$1.85.

No. 91803.....\$1.20

BRADLEYOHM TYPE A

This adjustable resistor for radio circuits is made in three ranges. With removable knob. List price, each type, \$2.00.



No.	Type	Low	High	Price
91945	100 ohm	1,000 ohm		Each \$1.30
91946	1,000 ohm	10,000 ohm		
91947	10,000 ohm	100,000 ohm		
91948	25,000 ohm	250,000 ohm		
91949	50,000 ohm	500,000 ohm		

NEW TYPE E BRADLEYOHM

Particularly adapted for Raytheon Tube Eliminators and high voltage output.

No.	Type	Ohm	No.	Type	Ohm	List	Each
91997	1E	100-5,000	91942	10E	10,000-500,000	\$2.25	\$1.46
91941	5E	1,000-50,000	91998	25E	25,000-1,500,000		

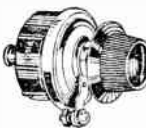
BRADLEY LEAK



A new variable grid leak—enclosed in air tight porcelain case. Same principle as famous Bradleystat. Instantly adjustable from 1/4 to 10 megohms. Noiseless adjustment. With removable knob. List price, \$1.85.

No. 91857 Each.....\$1.20
No. 91858 .00025 M. F. Condenser for same......22

PILOT RESISTOGRAD



A non-inductive variable resistor. A special active compound contained in hermetically sealed molded case. It allows perfect gradation, having a range from practically zero to 30 million ohms. (30 megohms); Used as regulator of voltage output of "B" eliminators. Very useful as variable grid leak for detector, oscillation control in T. R. F. circuits and volume control.

No. 95063..... List \$1.25 Each \$0.75 10 Lots \$0.71

CLAROSTAT UNIVERSAL RESISTOR



A resistor that is specified in the majority of the new power packs. "B" eliminators and for purposes of volume control. Sturdily built, carries 20 watts indefinitely. Very even, velvety control. One hole mounting. Guaranteed to give complete satisfaction. Minimum resistance 200 ohms, maximum 5,000,000 ohms.

No. 93474 List, \$2.25 **\$1.35** Each.....

Power Type Clarostat

Will carry 40 watts, safely. Universal range 200-100,000 ohm. Has many uses, permits fine adjustment.
No. 93497 List, \$3.50 Each, \$2.10



NA-ALD UNIVERSAL SPRING SOCKET

Tube prongs are gripped firmly. Supplied with or without spring suspension.

No. 93361	Without Spring Cushion.....	List \$0.35	Each \$0.22
93362	With Spring Cushion.....	.65	.39

NA-ALD ADAPTERS

The line of Na-ald Adapters is complete. It permits the interchange of new tubes without changing sockets.

No.	For Tube	Into Socket	List	Each
93354	CX299 or CX220.....	Standard...	\$0.35	\$0.22
93355	Any CX.....	WD11.....	.75	.40
93356	Any CX.....	C299.....	1.00	.65

Adapters with Marked Connection for "B" and "C" Leads

93350	CX220.....	C299.....	\$1.25	\$0.81
93351	CX220.....	C299.....	1.25	.81
93352	CX220.....	Standard..	1.25	.81
93353	CX112.....	Standard..	1.50	.98

No. 3350 holds tube horizontal, others are held upright.



BENJAMIN Push Type Socket



This new socket embodies all the shock-absorbing features of the Clea-tone and is designed for the new CX and UX tubes. No. 2730 and No. 2731 are without lower mounting base and intended for direct panel mounting. Drilling template and four machine screws included.

No. 92720	With Mounting Base.....	List \$0.75	Each \$0.52	Lots \$0.49
92730	Without Mounting Base (for 3/8" panel).....	.50	.35	.32
92731	Without Mounting Base (for 1/2" panel).....	.50	.35	.32

NEW BENJAMIN 5-PRONG SOCKET

No. 96126	With Base.....	Type 9036	List \$1.20	Each 78c	10 Lots 72c
96127	Sub-Panel Mounting.....	9037	.90	58c	54c

The AIRGAP SOCKET

AIRGAP Sockets are built of high resistance bakelite with strong phosphor bronze alloy contacts.

No. 94573.....	List 60c	Each 36c
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SILVER-MARSHALL CX SOCKET



Made of moulded bakelite with the best grade of phosphor bronze springs. The Silver-Marshall Socket has a single mounting screw. Plainly marked and of the usual high S-M quality.

No. 93368—List, 50c.

30c

NEW 5-PRONG SOCKET



Type 512 For new HC Detector tube. No. 96202 List.....50c Each.....30c

SEE NEW LOW PRICES ON RELY-O-DYNE SET

Pages 30-31

FROST CX SOCKET



FROST-RADIO

A well constructed push-type socket, made of bakelite. Positively self cleaning. A big factor is its compactness, absolute reliability and the high lustre of its nice finish. A real value.

No. 92988—List, 40c Each.....

24c

EBY CX SOCKET



Contacts float tube on springs and eliminates microphonic noises. Three-point positive wiping contact at all times. A superior Eby product.

No. 92853—List, 40c.

24c

DE JUR SOCKETS



Made of Bakelite. Fits into small space and heavily nickel-plated phosphor springs. A real value.

No. 96311

List.....25c Each.....

15c

De Jur Cushion Sockets



Same as above but equipped with sponge rubber cushion.

No. 96312 Each.....22c

List.....35c

21c

GENERAL RADIO

The General Radio Company Apparatus have been developed by experienced radio engineers.

AUDIO TRANSFORMERS Type 285

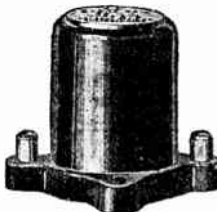
Type 285-D has been designed with high input impedance for use after CX-300A detector tube. Type 285-H has a turn ratio of 1 to 6 and gives high and even amplification curve between 100 and 4000 cycles.

No. 97153 Type 285-H Ratio 1 to 6 List \$6.00 Each

\$3.90

No. 97154 Type 285-D Ratio 1 to 3 List \$6.00 Each

\$3.90



GENERAL RADIO Frequency Chokes

Contained in moulded bakelite case and impregnated in wax. Useful in many of the modern receiving and transmitting circuits.

No. 97155 Type 379 60 Millihenries List \$2.00 Each

\$1.30

No. 97156 Type 379-T 8 Millihenries List \$2.00 Each

\$1.30

SEND FOR COMPLETE CATALOG



Type 410 Rheostats

Single hole mounting. Base is genuine moulded Bakelite. Engraved pointer. Shaft is 1/4-in. in diameter. Resistance wire is tightly wound on a specially treated fiber strip.

No.	Resistance	Type	List	Each
97157	0.5 Ohm	410	}.....\$1.25	81c
97158	1.5 Ohm	410		
97159	6 Ohm	410		
97160	12 Ohm	410		
97161	25 Ohm	410		

POTENTIOMETER

97162 200 Ohm 410.....\$1.25 81c

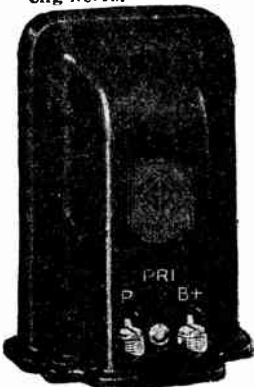
Push Pull Amplifier

Two tubes are connected in a single stage. When using AC filament supply, hum voltages are cancelled out. Uses CX326 tubes, or CX371A tube. Completely wired. 2 Push-Pull Transformers.

No. 97163 Push-Pull Amplifier. Type 441..... List \$20.00 Each **\$13.00**

TUBES EXTRA

OUTPUT AND FILTER listed on Page 7 Wall Insulator Page 77



299 SOCKET ADAPTER



A moulded adapter, permitting the use of 299 tubes in any standard socket.

No. 92162 List, 40c
Each..... **22c**

FROST CX Adapter



This bakelite adapter fits CX299 and CX220 tubes into standard Navy Type sockets.

FROST-RADIO
No. 93057 List 25c, Each **15c**

FROST-RADIO
Ask Your Neighbor

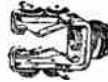


Frost Standard Jacks

Frost Standard has been maintained on these quality jacks though the price is made very attractive. Sturdily constructed. Excellent spring action and absolute contact guaranteed.

No.		List	Each
92980	Open Circuit.....	\$0.45	\$0.27
92981	Closed Circuit.....	.50	.30
92982	Radio Frequency Dbl. Cir.....	.60	.36

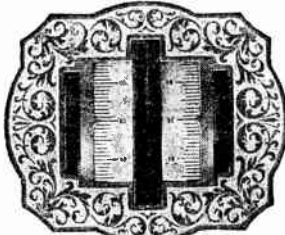
FROST "GEM" JACKS



Smallest and most compact Jack ever offered. Extends only 1" back of panel. Built on entirely new principle of spring design. Very positive contact.

No.	Circuit	List	Each
93465	Single, Open.....	\$0.40	\$0.24
93466	Single, Closed.....	.45	.27
93467	Double.....	.50	.30
93468	Single, Filament Control.....	.50	.30

See Page 55 for Listing of TYRMAN KIT



TYRMAN VERNIER DRUM

Universal mounting makes it adaptable for all popular condensers. Combines unequalled beauty with mechanical accuracy. Distinct visibility of gradations. "Smoothest" action through absence of back-lash. 5" drum and vernier are masterpieces of bakelite molding. Very ornamental escutcheon. FOR ALL POPULAR CONDENSERS.

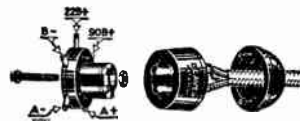
TYRMAN Shielded Socket

This shielded socket will give each tube the chance of proper functioning in any hook-up. Especially recommended for replacing R.F. stages. Heavy Al. stock. Mounted with one screw, either baseboard or sub-panel wiring.

List Each
No. 96365.... \$1.25 **75c**

No.	Type	List	Each
96366	Single control	\$5.00	\$3.00
96367	Two-dial control	10.00	6.00

BATTERY CABLE 5-WIRE PLUG



Two-piece composition connector plug base or panel mounting for 5-wire battery cable.

No. 93066 Each **31c**

AMSCO SOCKETS
FLOATING SOCKET



A rugged socket, yet delicately balanced, positively isolated from mechanical shock. Eliminates microphonics. A real super-efficient de luxe socket that will result in improved reception.

No. 96361..... List, \$1.00 Each, 60c

AMSCO UNIVERSAL SOCKET

A socket of real merit. Prongs are of best grade phosphor bronze and provide bulldog grip.

No. 96362 List.....50c
Each..... **30c**

PILOT VERNIER DRUM CONTROL



Provides fast motion and slow motion wheels. On the double drum both wheels can be moved simultaneously or singly. No back lash. Complete template. 1/2 inch shaft. Condensers can be mounted on either side.

No. 97130 Single Drum. List \$3.75 Each \$2.25
No. 97131 Double Drum. List 7.00 Each 4.20

SILVER-MARSHALL UNIVERSAL DIAL



Comes with reversible indicator plate. Ratio 14 1/2 to 1. Absolutely no back-lash. Provided with logging space in which call letters may be written. Will fit any condenser, either left or right, half or full movement. Black bakelite.

List \$2.00
No. 93367 Each **1.20**

KURZ-KASCH Aristocrat VERNIER DIAL



A very popular dial with an efficient vernier arrangement having a ratio of 14 to 1. Very much in demand for many circuits. Furnished in Black color with white filler, or Mahogany or Walnut effect with gold filler. Housing measures 4"x4 1/4". Black color will be shipped unless otherwise specified. List \$2.00.

No. 92983 200 to 0..... **1.20**
No. 92984 Each
0 to 200..... **1.20**
Less 2%

KURZ-KASCH KNOBS

Furnished in black, mahogany or walnut. SPECIFY COLOR, when ordering.

ARROW KNOBS

No.	Dia.	Shaft	List	Each
No. 96481	1 1/2"	3/8" and 1/4"	15c	9c
No. 96482	1 1/2"	3/8" and 1/4"	20c	12c

POINTER KNOBS

No. 96483	2 1/4"	3/8" and 1/4"	30c	18c
No. 96484	3 1/4"	3/8" and 1/4"	45c	27c

4-INCH DIAL

No. 96485	100 to 0, Type 568.....	85c	51c
No. 96486	0 to 100, Type 567.....	85c	51c

PILOT KILOGRAD



A new and improved vernier dial (ratio 10 to 1), which indicates both degrees and kilocycles. 4 inch black bakelite dial.

No. 93499 List..... \$1.00 Each..... **60c**

PILOT ART DIAL



A De Luxe Model, that will dress up any set. Will easily carry gang condensers. Can be used clock or counter-clockwise.

No. 96499 Each.....52c



Yaxley Approved Radio Products are made to give reliable and lasting service and are fully guaranteed.



CABLE CONNECTORS

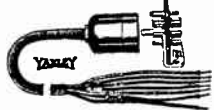


A superior connector that disconnects set from batteries at will. Bakelite plug base, no loosening of the pins and springs and is easily soldered. All contacts plainly marked

with RMA color code. For sets with binding posts.
No. 9625 Type No. 670..... List \$3.50 Each \$2.10

CABLE CONNECTOR

Plug Type



For installation directly in set. With mounting plate.

No.	Type	Complete Cable, Plate and Plug.	List \$3.00	Each \$1.80
96256	660	Complete Cable, Plate and Plug.	List \$3.00	Each \$1.80
96257	650	Plug and Cable only	List \$2.25	Each \$1.35
96258	680	Mounting Plate only	List \$0.75	Each \$0.45
96259	645	Receptacle Plug	.....	Each 60c
96260	635	Pin Plug	.....	Each 60c
96261	640	Pin Plug with 15 in. leads	.....	Each 75c

CONVENIENCE OUTLETS



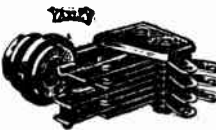
These outlets are the proper way of house and apartment installations. Yaxleys are in big demand and you should stock these items.

Type	Description	List	Each
TYPE 137	is for battery connections. Fits standard switch box. Complete with plug.	List \$2.50	Each \$1.50
TYPE 134	No. 96262. Is used where many loud speakers operate on same circuit at same time. Equipped with impedance coil wound to 2,200 ohms. Gives equal volume on all speakers.	List \$2.50	Each \$1.50
TYPE 135	No. 96263. For loud speaker connection. A very popular outlet.	List \$1.00	Each 60c
TYPE 136	No. 96264. For aerial and ground connections. Uses phone tip plugs which are furnished with plate or No. 14 solid wire can be used.	List \$1.00	Each 60c

GANG PLATES

No.	Type	Description	List	Each
96266	235	2 Loud speaker connections	\$2.00	\$1.20
96267	238	Loud speaker, aerial and ground	2.00	1.20
96268	239	Aerial, ground and battery conn.	3.50	2.10
96269	350	Loud speaker, aerial, ground and battery connections	4.50	2.70

YAXLEY JUNIOR JACKS



A small, compact, well built Jack that extends only 1/4 inch behind panel. Same characteristics as standard Jacks. For standard radio plug.

No.	Type	List	Each
96270	701	Open Circuit	40c 24c
96271	702	Circuit Closing	55c 33c
96272	702A	Two Circuit	55c 33c
96273	703	Fil. Control	65c 39c
96274	703C	Double Circuit	85c 39c
96275	704	Inter-Lage	75c 45c

RHEOSTATS and POTENTIOMETERS



The original air-cooled rheostat with a velvet smooth action and fine adjustment. Base is bakelite. Very close adjustment. Single hole mounting. Complete with bakelite knob.

No.	Ohm	Type
96278	2	102K
96279	3	103K
96280	6	106K
96281	10	110K
96282	20	120K
96283	25	125K
96284	30	130K
96285	100	199K

List \$1.35 Each \$1c

AIR COOLED POTENTIOMETERS

No.	Resistance	List	Each
No. 96286	200 ohm.	List \$1.75	Each \$1.05
No. 96287	400 ohm.		
No. 96288	1,000 ohm		
No. 96289	2,000 ohm.		

PILOT LIGHT BRACKET

Can be easily attached to any set. Takes one No. 95067—6 volt Mazda lamp. A popular item. Red Jewel.

No. 96277..... List 50c Each 30c

Pilot Light with Switch

Red Jewel with battery switch.
No. 96276..... List 75c Each 45c



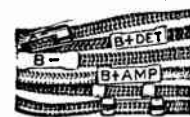
Junior Jack Switches

For use in sets where space is at a premium. Bakelite insulation.

YAXLEY No. 10 Battery Switch
Phosphor bronze springs and pure silver contacts. Quick make and break. Thoroughly dependable.
No. 96295 Complete. List 50c Each 30c

No.	Description	List	Each
96290	Battery Switch	\$0.70	42c
96291	Two Circuit	.85	51c
96292	Double Circuit	.95	57c
96293	Five Spring	1.10	66c
96294	2 way, 2 circuit	1.20	72c

Cable Markers



Easily read markers, convenient to attach. Marker hugs the wire and can be drawn through small hole. Each box contains 16 markers.
No. 96298 Per Box of 16... List 25c

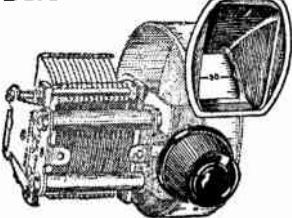
Each 15c

PUP JACK and PUP PLUG



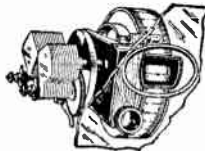
Pup Jack is easy to mount on front, sub or rear panels. Ideal for loudspeaker, battery, ground and antenna connections.
No. 96296 PUP JACK Per Pair..... 15c
No. 96297 PUP PLUG Each..... 6c

SILVER-MARSHALL DRUM-DIAL



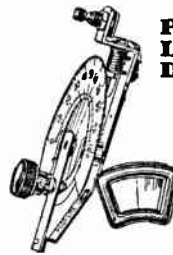
Suitable for any type standard shaft condenser. Universal for either right or left hand position. With Lamp Bracket. A very fine dial.
No. 96203
List \$3.00 Each Less 2% **\$1.80**

REMLER DRUM-DIAL



A fine Remler product. No backlash. Will drive single, double or triple condenser. Used in Infradyne and other circuits.
No. 94581
\$2.70 Each
List \$4.50

Pilot Lite Dial



Illuminated dial with improved mechanical design. Smooth working friction drive. Translucent dial. Simplified template.
No. 95064 List \$1.75
Each \$1.05 10 Lots 95c

Premier Micro-Dial



Attractive, all-brass, 4 in. dial finished in gold and crystallized black lacquer. Beautiful in appearance.
0-100 or 100-0 Reading
No. 92049 List \$1.00
Each 54c 10 Lots 51c

CARTER "Hold-Tite" JACKS



A Strictly Quality Line of Jacks

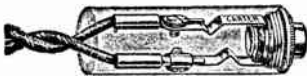
Table with columns: No., Type, Springs, Break, Make, List, Each. Lists various jack models and their specifications.



CARTER "SHORT" JACKS

This Jack makes good contact with any plug. Heavy Bakelite insulators. Solder lugs are widely spaced to facilitate soldering.

Table with columns: No., Type, List, Each. Lists short jack models and prices.



Carter Portable Jack

To extend speaker to any part of the house. Compact and rugged. Either standard phone plugs, cord tips or bare wire may be connected.

Table with columns: No., List, Each. Lists portable jack models and prices.

CARTER RECEPTALS



Many buildings are now being wired for radio. All Jacks are standard and can be mounted in standard outlet boxes or directly on wall or baseboard.

Table with columns: No., Description, List, Each. Lists receptacle models and prices.

CARTER RADIO RECEPTACLE WITH VOLUME CONTROL

Latest type of loud speaker outlet Jack, provided with Carter "HI-OHM" volume control. Enables you to control volume of speaker without disturbing set.

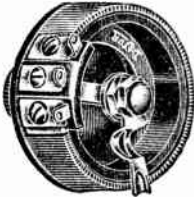
Table with columns: No., List, Each. Lists volume control receptacle models and prices.

CARTER SPEAKER OUTLET JACK

Consists of two cord tip Jacks mounted on standard outlet plate. Speaker cord tips can be easily plugged in. Type 610.

Table with columns: No., List, Each. Lists speaker outlet jack models and prices.

DE-JUR Power Rheostat



Designed for large current carrying capacity. 2 3/4 in. bakelite base, single hole mounting. Contact arm rides smoothly over surface. Adopted by leading manufacturers.

Table with columns: No., Ohm, List, Each. Lists rheostat models and prices.

BEST QUALITY MAGNET WIRE

Best quality magnet wire on handy wooden spools. Our stock is complete and we make immediate shipment on all sizes.



Table with columns: Size, Enameled, Price, Single Cotton, No., Price, Double Cotton, No., Price. Lists magnet wire specifications and prices.

Table with columns: Size, No., Price, No., Price, No., Price. Lists magnet wire specifications and prices for 1/4-lb. spools.



Jones MULTI-PLUG THE STANDARD SET CONNECTOR

Laminates all messy wiring from set to batteries. New 1928 Line

Table with columns: No., Contact, List, Each, No., List, Each. Lists multi-plug models and prices for sub-panel mounting.

Table with columns: No., Contact, List, Each, No., List, Each. Lists multi-plug models and prices for base mounting.

Table with columns: No., Contact, List, Each, No., List, Each. Lists multi-plug models and prices for binding post assembly.

Table with columns: No., Contact, List, Each, No., List, Each. Lists multi-plug models and prices for wall box type.

Table with columns: No., Contact, List, Each. Lists multi-plug models and prices for double plug for wall box type.

Write for Complete Circulars

BETTER BILT JACKS



Have solid brass, heavily nickel-plated frame, and high tempered nickel-plated Spring Blades, with pure silver contact. Insulation spacers are of Bakelite.

Table with columns: No., List, Each. Lists better bilt jack models and prices.

KESTER SOLDER

KESTER Solder is self-fluxing from tiny pockets inside strip. Ideal for all uses.



Table with columns: ACID CORE SOLDER, RESIN CORE, STRIPS, HOUSEHOLD PACKAGE. Lists solder specifications and prices.



WIRE SOLDER ON SPOOLS Warranted solder 50-50 type on 25 and 50 lb. spools.

CARTER



CARTER "IMP" CORD TIP JACK AND PLUG

Replaces binding post for phone cord. Nickel-plated. Phosphor-bronze spring. Mounts in 3/8" hole. 1 1/2 in. long. Plug can be attached to wire without soldering.

No. 92472 "Imp" Jack. List.....\$0.25 Each....\$0.15
No. 92471 "Imp" Plug. List......15 Each......09



CARTER CORD TIP JACK

A simple, reliable cord tip jack with nickel plated mounting thimble. 1/4" hole. Minimum space required.

No. 93420 List.....\$0.10 Each.....\$0.06

CARTER IMP BATTERY SWITCH



Quarter turn snap switch makes positive contact. "On and off" name plate with pointer. One hole mounting. Complete

No. 92464 List \$0.65 Each \$0.39

CARTER No. 2 BATTERY SWITCH

Mounts in small space. Intended for 6 volt circuit. Complete with on and off name plate.

No. 96177..... List 50c Each 30c

CARTER JACK SWITCH



Mounts on panel same as a jack, and is used to open and close circuits. Will safely carry 10 amperes. Insulation is Westinghouse Micarta. Frame is nickel plated and polished on all sides.

No. 92463 List, 75c Each.....45c



CARTER "IMP" INDUCTANCE SWITCH

Wiper contact arm always makes firm contact. One hole mounting. Furnished with arrow pointer black knob.

No.	List	Each
93414 4 Points.....	\$1.00	\$0.60
93415 5 Points.....	1.05	.63
93416 7 Points.....	1.15	.69
93417 9 Points.....	1.25	.75

(Half size)

GENERAL RADIO

Type 260 Wall Insulator



May be used inside to support wiring or instruments, or outside for supporting leads or ground wires. Glazed brown porcelain. Nuts, washers and polished nickel mounting screws also included.

No. 97152..... List 25c Each **16c**

BENJAMIN BATTERY SWITCH



An extremely light and compact switch providing positive and sure contacts. Requires only one 1/4-inch hole in panel and no washers are needed in mounting. Adjustable by means of a locking nut.

No. 92719 List, \$0.30 Each, \$0.21 10 Lots, \$0.19

PUSH-PULL SWITCH



Outside part polished nickel finish. Fits any thickness panel.

No. 92163 Each, **16c**

LIGNOLE DECORATED PANELS

FOR SPECIAL KITS

LIGNOLE Panels can also be supplied in drilled and lettered form for the more popular kits. Prices quoted on special panels on application.

No.	List	Each
96990 Tyrman 10 (7" x 26").....	\$9.00	\$5.85
96991 Victoreen Standard.....	9.00	5.85
96992 B-T Power Six.....	8.50	5.53
96993 World's Record.....	9.00	5.85



FROST-RADIO

PHONE-JACKS

The mechanical design of these jacks is perfect. Phone tip is held absolutely rigid and is released by pressing outer ring.

No. 92997 List.....\$0.15 Each.....\$0.09

FROST LOOP PLUGS AND JACKS



Fills the need for a good dependable loop plug and jack.

No.	List	Each
92920 Loop plug and Jack complete. . .	\$1.50	\$0.90
92921 Loop Plug only . . .	.75	.45
92922 Loop Jack only . . .	.75	.45

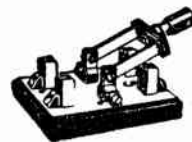


DOUBLE THROW SWITCHES

Black moulded bakelite base. Highly nickel-plated brass contacts with insulated handles. Length 2 1/2 in. Packed in individual boxes.

No.	Pole	Throw	List	Each
93441	Single	Double	\$0.60	\$0.36
93442	Double	Double	.85	.48
93443	Triple	Double	1.25	.75
93444	Five	Double	2.00	1.20

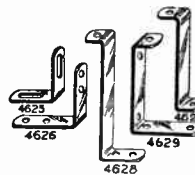
PORCELAIN BATTERY SWITCH



Well made porcelain base battery switches with copper backs, composition handle, accessible binding posts, for use on low voltages, such as radio A and B batteries, bell circuits, etc.

No.	Type	List	10 Lots
90926	Single Pole Single Throw.....	\$0.12	\$0.10
90927	Single Pole Double Throw.....	.18	.16
90928	Double Pole Single Throw.....	.19	.17
90929	Double Pole Double Throw.....	.26	.24

BRACKETS



Well-made, substantial brackets, highly nickel-plated and recommended for all radio work.

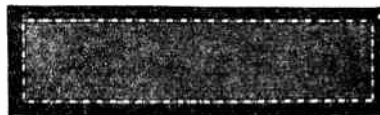
No.	Length	Each	10 Per
94625	1"x1"	\$0.02	\$0.01 1/2 \$1.38
94626	1 1/2"x1 1/2"	.02 1/2	.02 1.70
94627	1 1/2"x2 1/2"	.02 1/2	.02 1.85
94628	1x2 1/2"x2 1/2"	.03 1/2	.03 2.55
94629	1 1/2"x2 1/2"	.03 1/2	.03 2.70

BENJAMIN SELF SUPPORTING BRACKETS



The new bracket with the adjustable pivoting ends can be mounted vertically or at any desired angle. A superior feature. Dull nickel finish. Per Pair.

No. 92745	Adjustable	List \$1.25	Each 81c	6 Lots 75c
No. 92744	Regular	List .70	Each 45c	6 Lots 42c



LIGNOLE "Inlaid" Panels

LIGNOLE Panels are made of genuine wood and endorsed by leading engineers. Either furnished plain walnut or with beautiful wood inlays. Has genuine rotary walnut face. Outside borders on inlaid type are of a darker shade than body. WALNUT.

No.	Size	INLAID PANELS		PLAIN PANELS	
		List	Each	List	Each
96465	7x18	\$6.52	\$4.23	\$2.50	\$1.64
96466	7x21	6.94	4.51	2.94	1.91
96467	7x24	7.36	4.78	3.36	2.18
96468	7x26	7.64	4.96	3.64	2.37
96469	7x28	7.92	5.14	3.92	2.45
96470	7x30	8.20	5.33	4.20	2.73

ERLA FIXED CRYSTAL



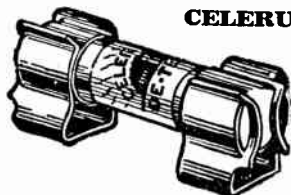
A carefully tested crystal designed for Erla Reflex to rectify incoming signals. No adjustments necessary. Has solid gold contact point preventing oxidization. List price \$1.00.

No. 92447 Each.....\$0.60

GALENA AND PYRITE CRYSTALS

Good quality tested crystals, put up in small wood pill boxes.

No.		Each	10 Lots	Per 100
91692	Pyrite.....	\$0.08	\$0.70	\$6.00
91693	Galcna.....	.06	.50	4.50



CELERUNDUM "De-Tex-It"

A permanent detector unequalled for reflex or crystal sets. Eliminates all catwisker troubles and needs no adjustment. Scientifically constructed. Give power, volume and clearness.

No. 94677 **55c**
List \$1.25 Each.

PROMPT SHIPMENT

During the last weeks we were somewhat handicapped by slow delivery from manufacturers. But now we have stocks of all merchandise listed in this catalog on hand and can make immediate shipment. We carry a good supply of every article—Send your orders to Harry Alter for prompt service.

NEW Hotpoint SOLDERING IRON



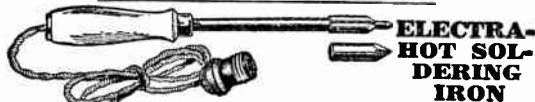
The new type is furnished with two detachable tips.

Famous Calrod element.		Finest all around iron.		
No.	Size	Watt	List	Each
94234	5/16"	55	\$2.75	\$1.78
94235	7/16"	95	3.25	2.28
94236	5/16"	Extra Tip	.10	.07
94237	7/16"	Extra Tip	.10	.07

"American Beauty" SOLDERING IRON

"American Beauty" soldering irons do the work easier, quicker and better. A very popular electric tool.

No.	Tip	Weight	List	Each Net
92804	3/8"	18 oz.	\$ 8.00	\$5.33
92855	5/8"	26 oz.	9.25	6.20
92856	7/8"	42 oz.	11.50	7.67



ELECTRA-HOT SOLDERING IRON

Contains a Nichrome element easily removed if replacement is necessary. Equipped with two interchangeable tips, one for radio use, the other for ordinary use. Guaranteed for one year.

No. 91876... List \$2.00 Each \$1.40 10 Lots \$1.30

STAR-RITE Soldering Iron



A high-grade product, that you can sell at an attractive price. No. 94350..... Each 83c 6 Lots 79c

The ideal hammer for lighter work. Formed from solid steel bar, well nickeled, fitted tight. Head cannot come loose. 3 sizes and weights.

BALL PEIN HAMMER



No.	Overall	Head	Weight	Each	6 Lots
91925	7 1/2"	1 1/2"	6 oz.	11c	10c
91926	8 1/2"	2 1/2"	9 oz.	15c	14c
91927	8 1/2"	2 1/2"	10 oz.	17c	16c

TOOLS

RADIO HAND DRILL



Capacity is 0 to 1/4 inch. Heavy nickeled frame, highly polished. No. 53501..... Each \$1.34

BETTER-CUT HACK SAW BLADES

Special Steel Construction

Has hard cutting edge and soft back, reducing breakage.



8 inch 10 inch 12 inch
No. 52421 Doz. 37c | No. 52422 Doz. 43c | No. 52423 Doz. 53c

4-IN-1 SCREW DRIVER

A practical combination tool. Each driver insulated. No. 51581..... Each 49c



HAND HAMMER



Combination tool. Hammer is 17 1/2 in. long. Screw Drivers, one 5 1/2 in., 2 1/2 in. and 1 1/4 in. long. No. 50910..... Each 79c

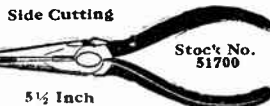


Bridgeport Matchless Screw Driver

Special analysis steel blades tempered from ferrule to point. Steel extends clear through ferrule, blade and handle and by hex. shape at the butt.

Stock No.	Size, Inches	Price, Each
51910	2	23c
51911	2 1/2	25c
51912	3	28c
51913	4	30c
51914	5	35c
51915	6	40c
51916	8	52c
51917	10	65c
51918	12	72c

LONG NOSE PLIERS



Side Cutting

Stock No. 51700

A tool that every radio mechanic wants.

37c Each

6 Inch Nickeled Pliers



Genevite drop forged steel, properly tempered.

No. 51706..... Each 16c

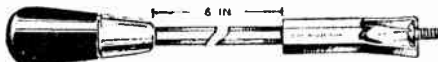


DUTCH BRAND FRICTION TAPE

The nationally advertised Dutch Brand is an easy tape to handle and economical to use. Very strong with a lasting adhesive.



No.	Size	Each
3879	8 oz.	18c
3880	4 oz.	10c
3881	2 oz.	05c



HOLD-E-ZEE SCREW DRIVER

A new handy tool for starting screws in those hard-to-get-at places. The gripper holds the screw tight while you drive it home.

No. 51525..... Each 45c

HANDY WRENCH SET

A combination of 6 wrenches, suitable for radio work. Fits all sizes nuts used. An extremely handy article. No. 96092..... Per Set 14c 10 Lots 12c

SCREW ASSORTMENT

A handy assortment of nickeled screws, lugs, nuts and washers commonly used in set building. 100 pieces to a box. List 50c. No. 92573 Each, \$0.27 10 Boxes, \$2.55



BELDEN COLOR RUBBER FLEXIBLE HOOK-UP WIRE

The ideal wire for set hook-ups. Flexible and easy to use. Different colors facilitate making the connections. Soft tinned copper wire solders easily. Put up in cartons. 25 ft. coils.



No.	Color	List	Each
94534	Natural.....	40c	24c
94535	Green.....	40c	24c
94536	Blue.....	40c	24c
94537	Red.....	40c	24c
96417	Brown.....	40c	24c
96418	Yellow.....	40c	24c

No. 97100 RIO NATURAL 1000 ft. coil \$5.80
 No. 18 (16x30) STRANDED TINNED COPPER WIRE
 1-32 Inch Colorrubber Insulation

No. 96419	Black.....	List, 50c	Each, 30c
No. 96420	Red.....	List, 50c	Each, 30c

BELDEN TINNED HOOK-UP WIRE

No. 14 bare tinned hook-up wire in 2 ft. lengths, both round and square. There are approximately 32 pieces per lb.



No.	Type	Per Lb.	Per Lb.
94538	No. 14 Square.....	44c	\$0.41
94539	No. 14 Round.....	39c	.36



CELATSITE

CELATSITE is made in two types. The flexible, stranded wire and trimmed, copper bus bar wire. Both have a non-inflammable "spaghetti" covering that will not ignite from hot soldering iron. Strips easily and does not dry out.

ACME FLEXIBLE CELATSITE

Put up in individual boxes containing 25 ft. coils. 16 strands of No. 18. A color for each circuit.

No.	Color	Length	List	Each
94921	Black	25 ft.	80c	45c
94922	Yellow	25 ft.		
94923	Green	25 ft.		
94924	Red	25 ft.		
94925	Brown	25 ft.		



SOLID CELATSITE

Makes a very neat job. No. 14 wire with non-inflammable covering. Can be bent and rebent without cracking. 30' lengths.

No. 94926 Colors—Black, Yellow, Green, Red or Brown. Per length.....5c Per 100 ft.....\$1.80

ACME SPAGHETTI TUBING

High dielectric strength. Perfect insulation, glossy finish. SPECIFY COLOR. 30 inch lengths. No. 94931 Specify Color. Per Length.....\$0.05 Per 100 Ft. 1.80



EBY BINDING Posts are always in season—they are advertised, packaged and are always ready turn-over. Each post equipped with nut and soldering lug.

EBY METAL POST

With non-removable top; large size square slot. No. 92836 1/2" Size.....List, 16c Each, 10c

BLANK EBY POSTS

No.	Furnished in two sizes	List	Each
92837	Standard Size, 1/2"x3/8"	15c	10c
92838	Commander, 3/4"x3/4"	20c	12c

ENGRAVED EBY POSTS

No.	Ant.	List	No.	List
92840	.....	.....	92850	C plus.....
92841	Gnd.....	.....	92851	C.....
92842	A Batt. Plus.....	15c	92821	Loop.....
92843	A Batt.	Each	92854	135 V. plus.....
92844	B Batt. plus.....	10c	96421	67 V. plus.....
92845	B Batt.	Per 100	96422	180 V. plus.....
92846	22 1/2 V. Plus.....	\$9.00	96423	27 C.....
92847	45 V. plus.....	Assorted	96424	40 C.....
92848	Phones.....	.....	96425	Speaker.....
92849	90 V. plus.....	.....	

Vee-Dee Metal Panels



These metal panels are beautifully finished by a superior Photo Litho process. They are readily drilled with ordinary breast drill and may be used for all standard kits. Each panel has attractive, colored border and dark finish.

No.	Size	List	Each
94956	7"x18"	\$1.80	\$1.08
94957	7"x21"	2.10	1.26
94958	7"x24"	2.40	1.44
94959	7"x26"	2.60	1.56
94960	7"x28"	2.80	1.68
94961	7"x30"	3.00	1.80

These VEE-DEE metal panels can also be furnished ready drilled for the following circuits:

No.	List	Each	
94965	Browning-Drake.....	\$3.15	\$1.83
94968	Silver-Cockaday Front, Sub and Hardware.....	5.00	3.00
96952	Silver-Super, New Model, Complete Assembly.....	8.50	5.10
96953	Silver-Marshall "Uni-pac", 17 1/2" x 5 1/2", Complete Assembly.....	6.00	3.60

BINDING POST STRIPS



We have a large stock of drilled and engraved binding post strips that we can supply with binding posts and soldering lugs or without binding posts.

No.	Marked Strips Only	Each	10 Lots
94598	.....	7c	6 1/2c
94599	With Binding Posts and Soldering Lugs.	21c	19c

COMPOSITION BINDING POST

Brass with black composition cap. Put up 100 to a box. No. 2564 Black, No. 2581 Mah. Knob. No. 91564 Each..... 2c Per 100..... \$1.85 No. 92581 Each..... 6c Per 100..... 5.50

Polished Nickel Binding Posts

Solid brass with screws and washers assembled. Put up 100 to a box.

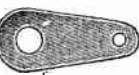
No.	Type	Size	Each	10 Lots
91737	Single	Small.....	2c	\$1.75
91739	Double	Large.....	8c	7.00

VEE-DEE METAL CABINET

The Vee-Dee Metal Cabinet gives all the beauty of natural wood grain combined with efficiency of metal construction and total shielding. This model 250 is readily adaptable to panel size 7 x 18, 7 x 21, 8 x 18 and 8 x 21 inches. Depth is ample to give room for AC power and socket receivers. Felt foot rest. Non-warping, non-swelling. WALNUT FINISH. Hinged top. Width 25", Height 9 1/2". Depth 14 1/2".

No. 96954
 List \$18.00
 Each \$10.80
 Less 2 1/2% or

\$10.59
 Net



SOLDER LUG FOR RADIO

Plain tinned lugs, which are very reliable in making connections. Strong and well built. Package contains 24 lugs.

No.	Size	Per Pkg.	10 Pkg.	Lots
93873	Long.....	\$0.05	\$0.04 1/2	
93874	Stubby.....	.05	.04 1/2	

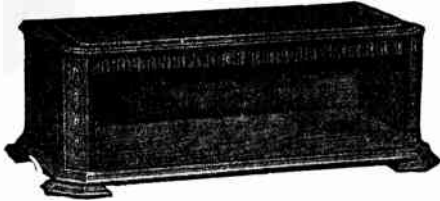
SEE PAGES 29-31 FOR REAL VALUES IN 5 and 6 TUBE RECEIVERS AND CHASSIS NEW LOW PRICES

KELLOG LUGS

Fine lugs for quick and permanent soldering

No.	Size	Per 250	Per 500	Per 1000
96428	5/8" Long for No. 6 Screw	42c	\$0.82	\$1.60
96429	3/4" Long for No. 8 Screw	60c	1.15	2.20

FRITTS SUPER CABINETS

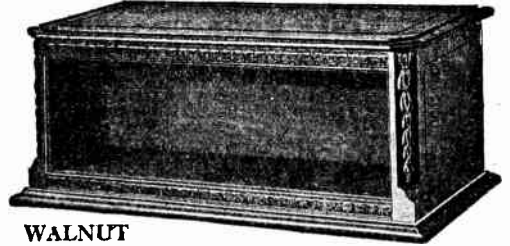


THIS is a high-grade solid walnut cabinet, very artistically finished. The decorations are polychrome and the top and sides are slightly raised for panel effects. Nickel piano hinge and a substantial lid top. Decorative strip along top of panel. All cabinets are 12" deep from panel to back.

No.	Size	Depth	List	Less 40 %	10 %	Each
94950	7'x18'	12'	\$21.50			\$11.61
94951	7'x21'	12'	22.00			11.88
94952	7'x24'	12'	22.50			12.15
94953	7'x26'	12'	23.00			12.42
94954	7'x28'	12'	24.00			12.96
94955	7'x30'	12'	25.50			13.77

Solid Walnut Cabinet

SIGNAL CABINETS



WALNUT

Beautiful grain and design. Solid walnut cabinet finished with the best of lacquer. Has decorated edges. Bottom molding strip can be removed for 8" panel. Depth 10".

No.	Size	Type	List	Each	No.	Size	Type	List	Each
96180	7x18	W1	\$11.00	\$6.60	96183	7x25	W4	14.00	8.40
96181	7x21	W2	12.00	7.20	96184	7x25	W5	15.00	9.00
96182	7x24	W3	13.00	7.80					

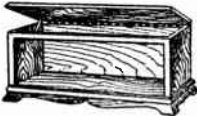
MAHOGANY CABINETS



Made of specially treated quarter sawed wood with grain properly matched. Finished with lacquer in a beautiful Adam Brown Mahogany, matching all mahogany furniture. Depth 10".

No.	Size	Type	List	Each	No.	Size	Type	List	Each
96185	7x18	M1	\$7.25	\$4.35	96188	7x26	M4	8.50	5.10
96186	7x21	M2	7.50	4.50	96189	7x28	M5	9.00	5.40
96187	7x24	M3	8.00	4.80	96190	7x30	M6	10.00	6.00

SOLID WALNUT CABINETS



A cabinet combining high-grade workmanship with beauty of line and finish. Equipped with piano hinge and stop. Made of solid walnut with American Walnut Finish. Panel slides in.

No.	Panel	Depth	List	Each	6 Lots
92516	7x18	9	\$10.50	\$4.43	\$4.33
92517	7x21	9	11.50	4.77	4.67
92518	7x24	9	12.50	5.08	4.98
92519	7x26	9	13.50	5.44	5.34
92520	7x28	9	14.00	5.77	5.67

RADION PANELS



Hard Rubber Panels, made of a special compound that is a perfect insulator and will not crack or chip when drilled. Of superior quality and especially developed for this work. Furnished in two finishes — polished black and grained mahogany. All sizes are 3/8 inches thick.

Size	Black		Mahogany	
	List	Each	List	Each
7x9	.....	32c	.....	32c
7x10	.....	35c	.....	35c
7x12	\$1.50	\$0.90	\$1.85	\$1.11
7x14	1.75	1.05	2.20	1.32
7x18	2.25	1.35	2.75	1.65
7x21	2.65	1.59	3.25	2.15
7x24	3.00	1.80	3.70	2.22
7x26	3.25	1.95	4.00	2.40
7x27	3.40	2.04	4.10	2.46
7x30	3.80	2.28	4.65	2.79

2% DISCOUNT FORMICA PANELS

ENGRAVED and DRILLED FORMICA PANELS

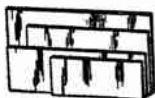
No.	Size	Each	No.	Each
94779	7x18x3/8	\$1.29	96191	Tyrman Front Panel..... \$4.48
94780	7x18x3/8	1.92	96192	Tyrman Sub Panel..... 4.03
94781	7x24x3/8	2.24	96193	Camfield Front Panel..... 4.94
94782	7x24x3/8	2.55	96194	Camfield Sub Panel..... 5.03
94783	7x26x3/8	2.77	96195	Karas Equimatic Front..... 3.49
94784	7x28x3/8	2.98	96196	Karas Equimatic Sub..... 3.90
94785	7x30x3/8	3.20	94793	Brenner-Tully Power Six Front..... 3.69
			96197	World's Record Super Front 7' x 26"..... \$4.35
			96198	World's Record Super Sub, 10" x 25"..... 4.55
			96922	Magmaformer Front, 7' x 26"..... 4.22
			96923	Magmaformer Sub, 9' x 25"..... 4.22
				H. F. L. Improved New..... 4.05
			96925	H. F. L. Sub Panel..... 3.67
			96926	Camfield Duo-Former 7 Front..... 4.03
			96927	Camfield Duo-Former 7 Sub-Panel..... 4.29

Odd size panels can be furnished in either black, mahogany or walnut finish at 1 1/2c net per square inch in 1/2-in. thickness, and 1 3/4c per square inch in 3/8-in. thickness.

Engraved in Gold, but not Drilled
94798 Victoreen Universal (1 dial)..... 3.90

"ACE"

HARD RUBBER PANELS



ACE Quality Panels made of a special hard rubber compound are easy to drill, assure good insulation and are very durable. Finished in black; 3/8" thickness.

No.	Size	List	Each
91660	7x12	\$0.95	\$0.57
91661	7x14	1.10	.66
91662	7x18	1.40	.84
91663	7x21	1.62	.97
91664	7x24	1.85	1.11
91665	7x26	2.00	1.20
91666	7x30	2.30	1.38

TINNED HOOK-UP WIRE



No. 14 gauge tinned wire, cut in lengths of 2 feet.
No. 91845 Square No. 14
Per Ft. 1c Per 10' 7 1/2c Per 100' 51c
No. 91846 Round No. 14
Per Ft. 1c Per 10' 5c Per 100' 39c

Brunelli-Jones RADIO B BATTERY

Positively the Best Battery at Lowest Prices

BRUNELLI-JONES

"A", "B" and "C" batteries are built to most exacting specifications, which result in long life, exceptional strength and vitality. Only the highest grade chemicals are used and the cells are built extra strong. Equipped with Fahnestock clips. Use Brunelli-Jones batteries for a leader—they satisfy.

Brunelli-Jones "A"

This is an "A" battery that appeals to the purchaser both from the standpoint of appearance and performance. Exceptional shelf-life. Every battery tested up to standard.

Each No. 94650 10 Lots
29c 28c

Brunelli Jones "C" Battery

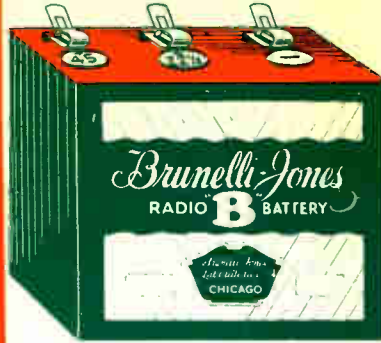
A good, serviceable "C" battery that keeps up its strength for extra long time.

Each No. 94656—4 1/2 Volt 5 Lots
25c 23c

Remember to Deduct 2% Discount



UPRIGHT TYPE 45-Volt



This is a large size battery that is a favorite on account of its shape. Cell space is apportioned to give longest life.

NO. 94654
45 VOLT
EACH
\$1.69
Less 2%
5 LOTS
\$1.63
Less 2%

Super-Giant Size

More than twice the capacity of the ordinary size. The multi-tube sets of today require an extra sturdy, oversize battery which is the most economical in the long run. Profit by selling this oversize battery.

\$2.19
Less 2%

No. 94655
45 volt

\$2.12
Less 2%

Betterbilt Batteries



Guaranteed Full Weight and Full Rating

HIGHEST QUALITY MATERIALS

Nothing but the best is used in Betterbilt Batteries. Thick sulphate resisting plates; rigid lead grids; finest selected oxides; genuine Port Oxford cedar insulators; and the famous Ahbell solid rubber case. Do not confuse with cheap batteries. Every one is a high-grade, full weight, GUARANTEED BATTERY.

Extra Thick Plates For Uniform Current

The plates in Betterbilt Radio Batteries are extra thick, insuring the even, smooth flow of current so necessary for good radio reception. The case is the genuine all-rubber Ahbell container—absolutely leak-proof; clean and safe for handling in the home.

HEAVY WIRE BAIL HANDLES

Provided with substantial wire bail handles for easy carrying.

GUARANTEED for TWO YEARS

Every Betterbilt is guaranteed for full two years, and with reasonable care will far outlast that period. Each battery is thoroughly inspected before shipment and fully charged, ready for immediate use. Our special "house-box" packing insures safe delivery—no chance for damage or spilling.

No. 92770
100 AMP. 11 PLATE
PRICE 7.95
Less 2% .16

7.79
NET

NO. 92766
60 AMP. 7 PLATE
PRICE 6.98
LESS 2% .14

6.84
NET

NO. 92767
80 AMP. 9 PLATE
PRICE 7.59
LESS 2% .15

7.44
NET

Special 100 Amp. 11 Plate Battery

Use the Hundred-Amp-Special if you need a radio battery to meet price competition. It's a mighty good one for the money. Thinner plates and a cheaper case than our regular Betterbilt, but designed to give satisfactory service. Better, in fact than many so-called heavy duty batteries. 6 volt 11 plates.

No. 92714
Price \$7.34
Less 2% .15

\$7.19
NET

NO. 92771
120 AMP. 13 PLATE
PRICE 8.97
LESS 2% .18

8.79
NET

NO. 92772
140 AMP. 15 PLATE
PRICE 10.70
LESS 2% .21

10.49
NET

NO. 92784
180 AMP. 17 PLATE
PRICE 11.70
LESS 2% .23

11.47
NET

Minute-Man Service - Lowest Prices!!



RELY-O-DYNE SIX-TUBE CHASSIS

A special offer to our dealers on the well known RELY-O-DYNE 6-tube chassis. A receiver that is giving complete satisfaction to thousands of users. Now offered at a **NEW LOW PRICE**. Plenty of distance and excellent tone quality. Has 7 x 18 inch front panel and will fit majority of consoles. A chassis that is licensed under patents of Radio Corporation of America. It is certainly worth while your effort to sell this fine receiver. Full description on pages 30 and 31. A powerful set that is bound to give satisfaction to your customer. Immediate shipment can be made on this item.

No. 98502 — CHASSIS ONLY. List \$33.00. Each \$19.80. Less 2% or.....

19⁴⁰
Net

Rely-O-Dyne Set with Walnut Console

This combination of the Rely-O-Dyne chassis in the Adam-brown high-boy, illustrated to the left, is a knock-out value. A genuine two-tone walnut console. Just made to fit the Rely-O-Dyne chassis. Decorative grill and well designed doors and legs. Outside dimensions: Height, 45 1/4 inches; width, 25 1/4 inches; depth, 14 1/4 inches. Complete with speaker and Utah unit.

No. 98555 — Console and Rely-O-Dyne Chassis. List \$67.50. Each \$40.50. Less 2% or.....

39⁶⁹
Net

Completely Equipped Rely-O-Dyne with Walnut Console

The Rely-O-Dyne in this attractive console can also be obtained completely equipped with all accessories at a very attractive and special price. Everything complete, including 6 Cunningham tubes, 3 Brunelli-Jones "B" Batteries, 2 Brunelli-Jones "C" Batteries, 1 100-amp. storage battery and 1 complete aerial kit—ready to operate.

No. 98556 — Completely Equipped Console Model. List \$110.35. Each \$66.21. Less 2% or.....

64⁸⁹
Net

BIG!
PRICE REDUCTION



CONSOLE

For Large Size Panels
9" x 29" or Smaller

Outside Dimensions:
Height, 45"; width,
33 1/4"; depth, 15 1/4".
With Horn, but less
Unit.

No. 93324 — Each
\$24.40, less 2%, or

\$23⁹²
NET

UTAH UNIT EXTRA

No. 98118—Each \$2.65 less 2%.

Brunelli-Jones

5-TUBE RECEIVER

The Brunelli-Jones 5-tube chassis with a standard 7 x 18 in. front panel will fit most any cabinet or console. We can also furnish this excellent receiver in various console models shown in the colored center section or in the LAKOTA console model illustrated here.

Now Low Price Assures You
BIG PROFITS

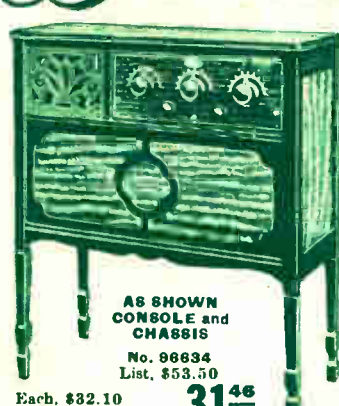
A 5-tube chassis of proven merit at the low price of \$15.88 net is certainly a fine leader for you to feature. It means quick turn-over and fast sales.

CHASSIS ONLY

The Brunelli-Jones chassis is fully described on page 29. Get your sample now. Immediate shipment.

No. 98500
List \$27.00
Each \$16.20
Less 2% or.....

\$15⁸⁸
Net



AS SHOWN
CONSOLE and
CHASSIS

No. 98634
List, \$53.50

Each, \$32.10
Less 2%, or.....

31⁴⁶
Net

LAKOTA CONSOLE ONLY

A phenomenally low price for a nicely finished and well designed console. Has a built-in speaker and Utah unit. Fits 7 x 18 inch panel.

No. 98515 List \$28.00
Each \$16.80. Less 2% or

\$16.46 Net

LAKOTA CONSOLE with Brunelli-Jones Chassis Completely Equipped

Complete with all accessories, including 5 Cunningham tubes, 2 Brunelli-Jones "B" batteries, 1 Brunelli-Jones "C" battery, 1 100-amp. storage battery and 1 aerial kit, ready to operate. No. 98554, List \$85.

Each \$51.00 Less 2% or

\$49.98 Net

**NEW
LOW
PRICES**

The Harry Alter Co.

Michigan
and 18th
CHICAGO.