

The Radio Herald

Buyers Guide ~ For Dealers & Set Builders

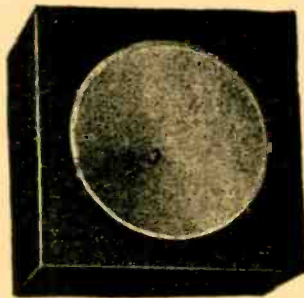
Volume 8

Season 1928

Number 1

FAIRFAX GREEN BOX CONE

Each year brings new thoughts—new development. And so, we submit the latest engineering triumph in "Cone" accomplishment—the Fairfax Cone Assembly.



Fairfax Cone Assembly is really a superior unit for table speakers, consoles and sets contemplating cone operation. Equipped with filter reducing distortion to minimum and reproducing a quite clear tone with lots of volume.

Size 9 1/4" x 9 1/4" x 6 1/2" deep.

With a wider range of frequency than heretofore secured; with tones more sweet and mellow and withal more realistic than ever; with a sturdier construction eliminating mechanical disadvantages, the FAIRFAX CONE ASSEMBLY challenges attention of conservative buyers.

Price \$15.00

Class B

SIMPLEX RADIO SUPPLY CO.

3319-21 Washington Blvd.

St. Louis, Mo.



Instructions for Ordering

READ CAREFULLY

When ordering merchandise, write or print name plainly, giving complete address for parcel post and express.

Give catalog number, size, capacity, color, etc., as such information aids in filling your order.

Give method of shipment: EXPRESS, PARCEL POST, C. O. D., Etc.

Cash with order, C. O. D., with regular trade terms to current listing in recognized commercial directory, preferably Dun's.

Postal money orders, express money orders, bank drafts, personal checks and stamps up to \$10.00 will be accepted. Personal checks should be certified.

On C. O. D. orders of \$25.00 or more, 25% of amount should accompany the order to insure prompt delivery.

Full remittance must accompany all foreign orders—we cannot ship C. O. D. outside of the United States and its possessions.

Postage is not included in our prices.

When remitting with order, include enough to cover postage and insurance.

Excess postage is immediately refunded.

Your order is usually filled within twenty-four hours from one of the largest stocks of merchandise in the United States.

Upon receipt of your order, an acknowledgment will be mailed, exactly as entered.

Do not accept this acknowledgment as the exact shipment will be made, as items may be backordered or omitted.

Wait for the original white invoice sheet, to check shipment.

In case of shortage, defective material, or error, mail this white invoice with your complaint.

All vacuum tubes are tested before shipping. Tubes are packed with special care and no responsibility will be accepted for damage in transit.

Tubes which light but fail to function will be replaced in accordance with the manufacturer's guarantee.

When returning merchandise, always write a letter, enclosing the original white invoice, giving reason for making the return, and mail either with package or separately.

Should any items prove defective, or should an error be made in filling the order, replacement will be made providing such items are returned in the original carton, prepaid, with the original white invoice.

All articles listed in this catalog are guaranteed to be new and in the original carton as prepared by the manufacturer.

The manufacturer guarantees the workmanship and material of the product.

Should the original cartons be destroyed or misplaced, all returns should be sent direct to the manufacturer for adjustment.

When making a complaint of any kind regarding the merchandise or service always include in your letter the original white invoice pertaining to the matter in question.

All articles bearing this mark (★) opposite the price will be shipped direct from the factory and require approximately five to ten days to deliver.

Full remittance on items so marked must accompany order.

Orders of items so marked are not subject to cancellation and cannot be exchanged.

Prices Subject to Change Without Notice

CONFIDENTIAL DISCOUNTS

The prices contained in this catalogue are the manufacturer's list or retail prices.

The schedule of discounts shown opposite are those which we allow from the prices listed.

A letter designating the class or discount will be found below each item or group of items.

To determine the net cost of any article deduct the discount specified from the list price.

DISCOUNTS

CLASS A	50%
CLASS B	40%
CLASS C	35%
CLASS D	33 1/2%
CLASS E	30%
CLASS F	25%
CLASS G	40% & 10%

We have printed this catalogue with LIST PRICES instead of NET PRICES, as we believe it is more convenient for our customers.

If our catalogue contained net prices it could not be shown to a prospective buyer as they would then know the exact cost.

SIMPLEX RADIO SUPPLY CO.

A DELAWARE CORPORATION

3319-21 Washington Blvd.

St. Louis, Mo.

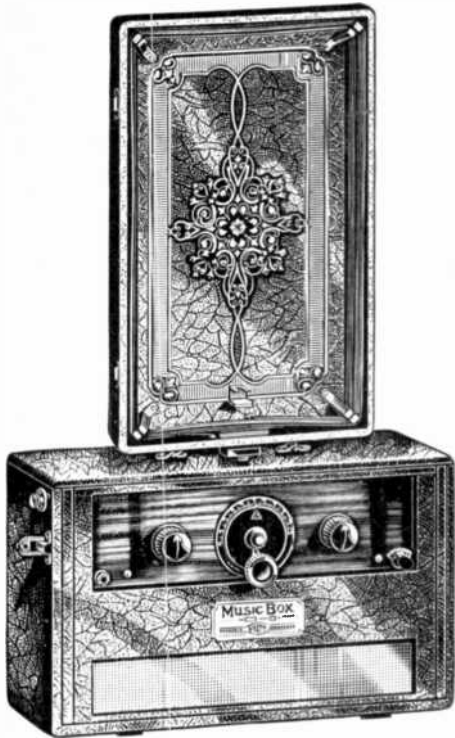
Carier IR-2—Imp rheostat, 2 ohms	1.00
IR-3—Imp rheostat, 3 ohms	1.00
IR-25—Imp rheostat, 25 ohms	1.00
IR-30—Imp rheostat, 30 ohms	1.00
M-10-S—20 ohm switch type midget rheostat	1.00
M-20-S—200 ohm switch type midget rheostat	1.25
400—Resistor kit for Raytheon 350 ma. ABC eliminator kits	7.50
12—Imp battery switch	.65
Camfield 622—Oscillator coupler	3.50
22-K—Set of Duoformer coils	10.00
251—.0025 mfd. variable condenser	5.50
501—.0005 mfd. variable condenser	6.00
Centralab station selectors	1.00
No. 1 Modulups	2.50
203—Three ohm rheostat, ribbon wound	1.25
206—Six ohm rheostat, wire wound	1.00
210—Ten ohm rheostat, wire wound	1.00
Radiohms—10,000, 25,000, 50,000, 100,000 or 200,000 ohms	2.00
RS-200—Radiohm, 200,000 ohms switch type	2.30
RS-300—Radiohm, 500,000 ohms switch type	2.30
Heavy duty Potentiometer—15,000, 20,000, 25,000, 50,000 or 100,000 ohms	2.00
PF-175—Fourth terminal potentiometer, 175 ohms	2.00
PF-250—Fourth terminal potentiometer, 250 ohms	2.00
Dialite portable radio lamp	2.00
Dubilier .1 mfd. bypass condensers	50
.25 mfd. bypass condensers	.60
1—meq. grid leaks	.40
3—meq. grid leaks	.40
601—Fixed condensers, .0001 mfd.	.35
601—Fixed condensers, .00025 mfd.	.35
601—Fixed condensers, .0005 mfd.	.35
601—Fixed condensers, .0025 mfd.	.40
601—Fixed condensers, .003 mfd.	.40
601—Fixed condensers, .004 mfd.	.50
601—Fixed condensers, .0001 mfd.	.40
601—C—Fixed condensers, .00015 mfd.	.40
601—C—Fixed condensers, .00025 mfd.	.40
640—Fixed condensers, .0005 mfd.	.45
640—Fixed condensers, .0025 mfd.	.45
640—Fixed condensers, .003 mfd.	.55
640—Fixed condensers, .004 mfd.	.55
640—Fixed condensers, .005 mfd.	.40
700—Fixed condensers, .0005 mfd.	.40
700—Fixed condensers, .005 mfd.	.65
700—Fixed condensers, .015 mfd.	1.50
700—Fixed condensers, .02 mfd.	1.75
Duratron 200-A—Special detector tubes	2.00
120—Three volt power tubes	2.00
Eby Five Tube AC harnesses	9.00
Six Tube AC harnesses	10.00
Engraved binding posts	.15
Elkey Equalizers for 1, 2, 3, 4, 5 and 6 201-A tubes	\$ 0.75
50—For 1 199 with a six volt battery	.75
25—For 2 199 or 1 120 with six volt battery	.75
35—For 1 199 with series rheostat	.75
0—For Hi Mu tube with six volt battery	.75
Ferranti AF-3—Audio transformer	12.00
AF-4—Audio transformer	8.50
OP—Output transformer	10.00
Fiat Loops	12.50

Feron	
44—4x1 1/2-inch glass insulators	\$.30
2—3x2 1/2-inch porcelain insulators	.40
8—8-inch Standoff porcelain insulators	1.25
Frost Battery Switches	.30
Rheostats, 4, 10 and 30 ohms	.75
Potentiometers, 20, 40 and 1000 ohms	\$1.25
10 ohm switch type rheostats	1.35
Ge-jit Storage battery testers	1.25
Hammarlund ML-17—Variable condensers, .00035 mfd.	5.25
MLD-17—Double gang condensers, .00035 mfd.	8.75
MLW—Double spaced short wave condenser, .0001 mfd.	5.00
MC-23—100 mmf. midget condenser	2.25
AS-1—Aluminum shields	2.00
HQ-64—Sets of matched coils for HiQ Six	12.00
P-53—Sets of matched coils for Peridyne	10.00
LW-1—Coils for Loftin-White	3.50
FC—Flexible coupler	.60
RF-C-250—Radio Frequency chokes	2.25
DD-2—Double drum dials	6.00
H.F.L. N-28—Nine-in-Line complete kits of transformers and chokes only	75.00
Jewell Pattern 135—0.5 Voltmeters	7.00
0.8 Voltmeters	9.00
135-B—0.4-1.60 Voltmeters	9.00
0.7-1.150 Voltmeters	12.50
0.8-200 Voltmeters	12.50
0.8-80-150 Voltmeters	7.50
0-100 Millivolts	7.50
74—0.5 AC Voltmeters	7.50
190—0.1-1 1/2 AC Voltmeters	7.50
53—0-100 Milliammeter	2.00
85—0-40 Pocket ammeter	7.50
Panel cutters, 2-inch, 2 1/2-inch and 3-inch	1.25
Karas Equamatic Coils, per set of three	12.00
28—Audio transformers	8.00
Output filters	3.00
Control systems for ganging two condensers	7.00
Shell brackets	.0005 mfd.
Orhometric condensers, .00037 mfd.	6.75
Orhometric condensers, .00037 mfd. with long shaft	7.00
Orhometric condensers, .00014 mfd.	6.50
23—SLF condensers, .00037 mfd.	5.50
17—SLF condensers, .00037 mfd.	5.25
11—SLF condensers, .00025 mfd.	5.00
Kurz-Kasch 702—Pointer knobs	.30
Kodak 120—Power amplifier and B eliminator with tubes	\$52.50
Lynch Type P heavy duty wire wound resistors, 10,000 ohms	1.75
26,000 ohms	2.00
50,000 ohms	3.00
100,000 ohms	4.00
Marco 203—Vernier dial, 100-0 with embossed panel	2.00
421—Vernier dial, 100-0	3.50
320—Vernier dial, 200-0	3.00
221—Vernier dial, 100-0	3.00
322—Vernier dial, 200-0 with embossed panel	3.50
255—Vernier dial, 0-100 double reading illuminated	3.00

National BD 1-E—Antenna tuning unit for Browning Drake	\$10.75
BD 1-E—Antenna tuning coil only	2.00
BD 2-E—Detector tuning unit for Browning Drake	14.25
Balancing condenser	1.00
L-3—Three stage audio amplifier and B supply for either 280 or Raytheon type rectifiers, less tubes	89.00
M-B supply, less tube	54.00
R-13—2 1/2 ampere battery charger with Raytheon A cartridge	11.50
A—Impedances, all stages	4.00
B—Impedances, all stages	5.00
Paragon grounds	5.50
Poly Claro Plugs	1.50
Remler 648—SLF variable condensers, .00035 mfd.	5.00
659—SLF variable condensers, .0001 mfd.	5.00
639—SLW variable condensers, .00035 mfd.	5.00
632—SLW variable condensers, .00035 mfd. double gang	12.00
110—Drum dials	4.50
636—Regular dials	1.00
700—Infrahyne amplifiers	27.50
Samson 3—Audio chokes	3.25
61—Neutralizing condensers	2.25
500—R. F. Chokes	2.75
HVA-3—Audio transformers, 2:1 ratio	5.00
HVA-3—Audio transformers, 6:1 ratio	5.00
Symphonic audio transformers	10.00
Type P Plate Impedances	5.00
Type G Grid Impedances	4.50
Type D Dual Impedances	5.00
Type O Output Impedances	5.00
Sangamo-Acme Paravolt Condensers	
Type A—1 mfd., 400 volts	.85
2, mfd., 400 volts	2.25
4, mfd., 400 volts	4.00
14, mfd., 400 volts condenser bank	11.00
Type B .1 mfd., 800 volts	1.25
.25 mfd., 800 volts	2.00
1, mfd., 800 volts	2.50
2, mfd., 800 volts	3.50
4, mfd., 800 volts	6.00
Silver Marshall 110-A—Plug-in coils	2.50
110-B—Plug-in coils	2.50
110-C—Plug-in coils	2.50
111-D—Plug-in coils	5.00
112-A—Plug-in coils	2.50
119-A—Plug-in coils, can be furnished in matched sets	2.50
512—Five-prong tube sockets	.75
276—Choke coils	.90
540—Subpanel brackets	.70
631-A—Shields	2.00
655—Resistor kits	2.50
440—Time amplifiers	35.00
340—Midget condensers	1.50
316—Variable condensers	4.50
332—Condenser banks	12.50
329—Power transformers	9.00
660-171—Factory wired push pull 171 packs	72.00
661-210—Factory wired push pull 210 packs	102.00
Skinderviken microphone transformers	2.00
Sterling 621—0-1 1/2 Ammeters	3.00
624—0-30 milliammeters	3.00
640—0-6 voltmeters	3.00
1640—0-6 voltmeters push button type	3.50
1641—0-8 voltmeters push button type	3.50

1647—0-7 1/2-150 voltmeters push button type	\$5.00
646—0-150 voltmeters push button type	3.00
1632—Panel type charge indicators	3.00
32—Pocket type charge indicators	2.00
24—0-35 pocket ammeters	1.00
33—0-3 pocket voltmeters	1.25
34-C—0-60 pocket voltmeters	2.25
35—0-120 pocket voltmeters	3.50
44—0-35 A., 0-10 V., voltmeters	1.50
45—0-35 A., 0-50 V., voltmeters	3.50
113—Two ampere chargers, less Tungar bulb	9.50
398—Tube tester for 199 tubes	10.00
400—Tube tester for 199 tubes	8.50
410—Universal B eliminator tester	30.00
411—Home tube tester	7.50
412—Universal service tube tester	25.00
509—Universal AC tube tester	35.00
Supertone cage aerials	10.00
Thoradson	
R-198—B eliminator transformers	12.00
R-199—Autofilters	5.00
R-178—Battery chargers	12.50
R-2220—7 1/2-volt filament transformers	7.50
R-172—Input plugs	1.00
R-808-1—Resistor kits	2.15
R-2504—3-volt filament transformers	7.50
Tube 310—Bypass condensers, .1 mfd. 300-volt rating	.70
325—Bypass condensers, .25 mfd. 300-volt rating	.75
304—Bypass condensers, .4 mfd. 300-volt rating	3.50
411—Buffer condensers, .1 mfd. 400-volt rating	2.00
404—Filter condensers, 4 mfd. 400-volt rating	4.50
650—Filter condensers, 5 mfd. 600-volt rating	2.00
602—Filter condensers, 2 mfd. 600-volt rating	3.50
604—Filter condensers, 4 mfd. 600-volt rating	6.00
Tipon grid leaks, .01 megohms	1.00
.02 megohms	1.00
.25 megohms	1.50
1 megohms	.50
4 megohms	.75
8 megohms	.75
Veritas Hi-current resistors, .0075 megohms	1.10
5 megohms	.75
1 megohms	.75
Tyrman single drum dials	5.00
3-51—Push pull output transformers	10.00
3-30—Audio transformers	8.00
Valley 40—B eliminator for 5 or 6 tube sets	37.50
60—B eliminator for up to 12 tube sets	50.00
Victoreen	
Rheostats, 6, 10 and 30 ohm	1.20
Potentiometers, 200 and 400 ohm	1.50
170 I. F. transformers	7.00
171 I. F. transformers for 199 tubes	7.00
160 Antenna couplers	3.50
150 Antenna couplers	5.50
160 Oscillator couplers	3.50
112 Audio transformer units	22.00
115 Output units	10.00
VU Master controls	19.50
3-R Audio control units of three rheostats	4.50
Walbert Penetrols	35.00
Penetrol kits	15.00
Nickel panels	1.00
Gold panels	1.25
Ward Leonard 507-6—Amertan resistor kit	7.50
507-59—20 ohm Adjustat	5.50
507-62—Resistor for QRS 400 MA circuit	7.50
507-64—S-M resistor No. 653	2.50
507-66—Transmitting grid leak tapped at 5,000 and 10,000	6.00
507-67—100,000 ohm, 20 MA resistor	5.25
507-75—1,000 ohm Adjustat	3.00
507-87—S-M No. 655 resistor	3.00
508-1—13,000 ohm resistor bank for 180-volt eliminators	2.15
EB-100—100 ohm Edison base resistor	2.00

HYATT PORTABLES



Model "C" 5 Tube Receiver

Hyatt portable receivers are more selective, give clearer reproduction and more satisfaction than any other radio of their type.

The Model C is a decided step forward in the portable radio field. It is not a combination of indiscriminate parts, but a carefully engineered product in which maximum efficiency and value are incorporated in a minimum of space. It has been designed to meet the demand for a dependable and efficient portable radio at a low price.

It is a five tube untuned radio frequency circuit employing two stages of R. F., detector and two stages of transformer coupled A. F. amplification. The front panel contains only a single vernier dial for tuning, a rheostat for controlling the filaments, a potentiometer for controlling oscillation and volume and a jack for plugging in a larger speaker or headphones. The speaker is built into the case and the loop is built into the lid. The loop panel is embossed in gold relief. The cabinet is covered with two-toned dark green leatherette with nickel trimmings. The weight is 25 pounds, fully equipped.

PRICES

- Model C Hyatt Five Tube Portable Receiver..... **\$60.00**
- Model C Hyatt Five Tube Portable Receiver, complete with five 199 tubes, two No. 3051 Marathon 45 volt B batteries, one No. 3501 Marathon 4½ volt C battery and three Marathon A batteries. **79.80**

Model "A" 6 Tube Receiver

The Model A De Luxe has extraordinary power, rare selectivity and remarkable tone quality, bringing in distant stations with surprising clearness and volume. It is designed primarily for home, office, or hotel use, but its light weight and compactness make it readily portable.

The superiority of this receiver is evidenced by its replacing console and table type sets in the homes of many prominent persons, who are not only well pleased but enthusiastic about its beauty and performance. The ease with which it can be moved from one room to another, or utilized as a traveling companion, greatly increases its value.

It is a six tube untuned R. F. circuit utilizing three stages of radio frequency, detector and two stages of audio amplification. It is identical to the Model C except that it contains an extra stage of radio frequency amplification and the case is finished in two-toned brown leatherette with black corner tabs. Weight is same as Model C.



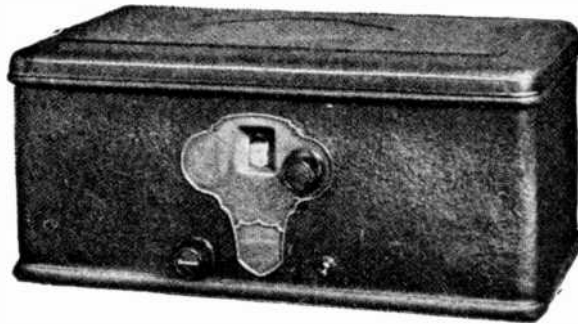
PRICES

- Model A Hyatt Six Tube Portable Receiver..... **\$75.00**
- Model A Hyatt Six Tube Portable Receiver, complete with six 199 tubes, two No. 3051 Marathon 45 volt B batteries, one No. 3501 Marathon 4½ volt C battery and three Marathon A batteries... **97.05**

ENTIRE PAGE CLASS B

THE SENTINEL A. C. RECEIVER

**Finest and
Latest
Electric
Receiver**



**Radio's
Biggest Value**

**Comparison
Establishes It**

6 Tubes and Rectifier, Weight 26 lbs., Dimensions, 16"x6½"x8¼"

EXCEPTIONAL TONE

Unexcelled in tone quality, the first requisite of a musical instrument. Sentinel engineers sought not for exaggeration of any portion of the musical scale at the expense of another, but to reproduce with such naturalness as to take the listener into the presence of the broadcaster.

PLEASING EYE VALUE

Instantly attractive, because of its compactness and sparkling beauty the Sentinel receiver feels immediately at home in the most pretentious drawing room and unobtrusive in the smallest apartment.

EXTREME SELECTIVITY

One dial and only one is used to tune this receiver; no other adjustments of any kind are necessary. A child can operate the Sentinel as easily as a veteran operator. With your favorite program on, the smooth volume control permits listening to music just audible or with great volume without distortion.

SIMPLICITY OF CONTROL

To be able to easily separate the many stations on the air adds very materially to pleasure of the radio listener. With the Sentinel receiver the most critical DX listener finds his ideal set; a true one-dial instrument.

THE CHASSIS

The unusualness of design permits advantages in construction which are immediately apparent. Complete shielding of all electrical parts—no exposed wiring. A masterpiece of design! Shipping holds no terrors for this sturdy set.

THE CIRCUIT

Three straight stages of tuned radio-frequency amplifications, including tuned impedance coupling between the third radio-frequency and detector stages, with two stages of transformer-coupled audio-frequency amplification. The volume control, consisting of a variable high resistance shunted across the impedance, controls oscillation as well as volume.

TRULY A QUALITY PRODUCT

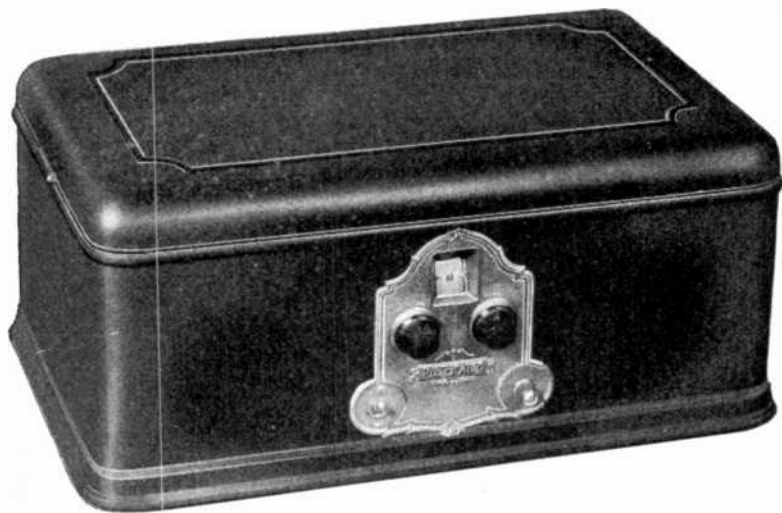
Finder-ring tube sockets, coils wound on moulded bakelite forms completely shielded in individual copper shells, carborundum resistances and grid-leak (insuring dependable operation because they cannot burn out), these and many other features indicate the high quality of the component parts of the Sentinel receiving set.

PRICES

Sentinel AC Receiver in brown grackle metal cabinet, less tubes **\$75.00**
Sentinel AC Receiver, complete with four UX 226, one UY 227, one UX 171A and one UX 280 tubes.. **97.50**

CLASS B

THE FAMOUS



TYPE AC172 CABINET MODEL

821 HOURS**CONSTANT SERVICE TEST**

Last year we had some painful experiences with the products of various set and power unit manufacturers. This experience will not be repeated this year, as we are taking no manufacturer for granted simply because he is big and powerful. Every piece of merchandise has been put through strenuous and abusive tests.

Two AC172 receivers and one AC171 chassis were turned on at 9 A. M. on July 11th and they were NOT turned off, even for a single minute, until August 14th at 2 P. M. With the exception of the rectifier and power tubes, there was no time during the 34 day test that any portion of the receivers became unduly warm. During this test, not a single tube was burned out, although four different brands were used, picked at random.

SPECIFICATIONS

CHASSIS: Made of heavy gauge, drawn and welded steel, housing all the component parts including power supply. Rigidly constructed throughout for efficient service.

CONTROL: Illuminated single drum operated by bakelite knob. Positive friction drive automatically takes up wear. Exclusive feature of compensating control makes possible extreme selectivity and easy tuning.

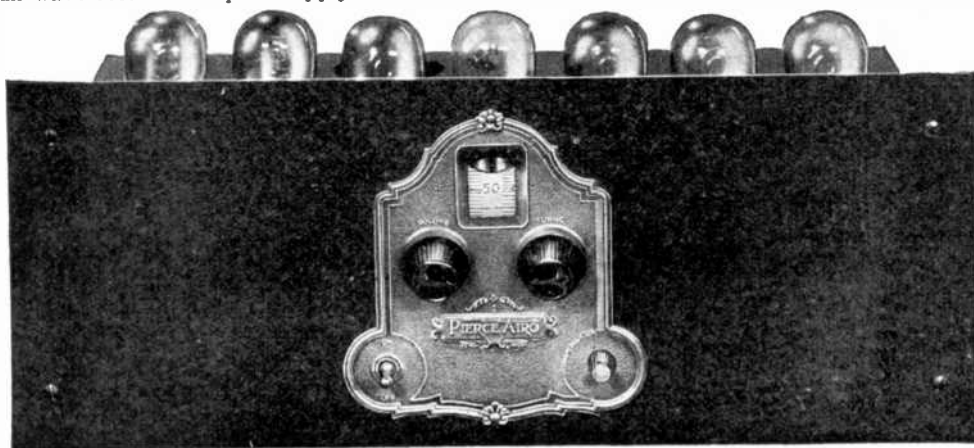
AMPLIFICATION: Consists of one stage of audio combined with one stage of power push pull transformers, insuring great volume without any sacrifice in quality of reproduction.

POWER SUPPLY: This important unit is an integral part of the chassis. It is of liberal design and will withstand heavy over-loads without endangering any of the electrical parts. A Hi-Lo switch in the transformer primary circuit insures delivery of the right amount of power regardless of line voltage variations in different localities. Type 280 filament rectifier tube assures long life and smooth flow of current for the plate circuits.

TUBES: Type 226 tubes are used for the radio frequency and audio circuits. Type 227 for detector and two type 171A tubes for power amplifier circuit. Type 280 full wave rectifier for plate supply current.

FINISH: The cabinet model is housed in a distinctive two-tone russet bronze metal cabinet. On the front is a beautiful bronze escutcheon, of which the pilot lamp and shade are integral parts. This illuminates the entire visible portion of the wave band readings making station finding easy and greatly enhancing the appearance of the receiver.

The chassis is finished in the highest grade bronze Duco lacquer, the panel, of standard size, 7 by 18 inches, is finished in a natural grain burl walnut, hard to distinguish from the natural wood. The chassis is identical to the receiver in every way except that it will fit in any standard cabinet that you may prefer. Cabinet requirements are 7x18x12 inches.



TYPE AC171 CHASSIS

PRICES

Type AC172 Pierce Airo Receiver in two-tone metal cabinet	\$ 95.00
Type AC172 Pierce Airo Receiver in two-tone metal cabinet, complete with four 226, two 171A, one 227 and one 280 tubes	120.50
Type AC171 Pierce Airo Chassis	85.00
Type AC171 Pierce Airo Chassis, complete with four 226, two 171A, one 227 and one 280 tubes	110.50

ENTIRE PAGE CLASS B

ROLA SPEAKERS

Rola Magnetic Armature Speakers

Simplified and sturdy construction, entire elimination of cone rattles and a volume capacity heretofore believed possible only with the dynamic type of speaker—these are outstanding characteristics of the improved Rola Magnetic-armature Speakers. They will cover almost all frequencies within the range of modern broadcasting stations.

The frequency response of the Rola Magnetic-armature Speakers includes all tones from 100 to 5000 cycles per second. This range amply covers that of the average radio set now in use. The Rola Magnetic-armature Speaker is totally unaffected by climatic conditions and will permanently retain its sensitivity.

Rola Dynamic Power Speakers

The Rola Dynamic will respond to every sound frequency that can be broadcast. Its power range accommodates the output of the new type 250 power tubes, giving with such output, when desired, the volume of sound of a large orchestra.

In developing this new reproducer The Rola Company sought to achieve a maximum of sensitivity to make practical its satisfactory use with tubes of lower powers, such as the type 171. As the result of this endeavor, the new Rola Dynamic gives a response approximately twice that of any other dynamic on a given input. The importance of this should not be underestimated. In use, the Rola Dynamic on a 171 tube gives volume equaling that of other dynamics on 210 tubes.

The Rola Dynamic input impedance is such as to give efficient response to frequencies as low as thirty-five cycles per second, the response above that limit being uniform and free from resonances up to five thousand cycles per second where it is purposely limited by an electric wave filter to suppress distorting frequencies generated in the radio set.



ROLA MODEL D-110
Dynamic Power Unit

Model J-M
In this model the new Rola Type M Magnetic-armature Unit is contained in a neat wooden housing, insuring proper baffling and making cabinet installation a simple matter for dealer or user.
Price \$18.50

Model 20
A cabinet type speaker unequalled for eye-value, performance or dependability in the magnetic speaker class. It is equipped with the new Rola Magnetic-armature Unit, and can be used with superb results even on the highest amplifier powers.
Price \$30.00

Model 25
An attractive radio table representing the finest type of modern design. It is equipped with built-in Rola Magnetic-armature Unit, giving splendid, full-toned reproduction with any standard radio set. The table top is of sufficient size to accommodate all radio sets.
Price \$55.00

Model 25-D
Model 25-D same as above, but equipped with Rola Dynamic Unit.
Price \$90.00

Model 30
This Table Model Dynamic Power Speaker contains the new Rola D-110 Dynamic Power Unit for light-socket operation, and gives dynamic results with all classes of radio sets. Designed for efficient operation with output of type 171, 210 or 250 tubes.
Price \$75.00

Model 35
Super-reproduction with startling realism and the ability to handle tremendous volume when required, are the features of this marvelous console speaker. It is equipped with the new Rola D-110 Dynamic Power Unit and is operated directly from 110-volt AC socket. Top dimensions are 16 1/2 inches by 30 inches, which are sufficient to accommodate any standard radio set.
Price \$110.00

Model D-110
This is the new Rola Dynamic Power Unit as installed in Model 30 and Model 35. It is equipped with rectifier element for operation directly on 110-volt AC light socket.
Price \$50.00

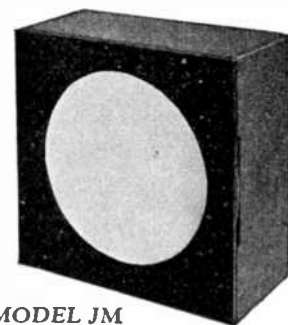
Model D-110-2
Same as above but with special input for push pull amplifier.
Price \$50.00

Model D-6
Same as D-110 except without transformer-rectifier unit. Field to be energized from six or twelve volt battery. List price
Price \$32.00

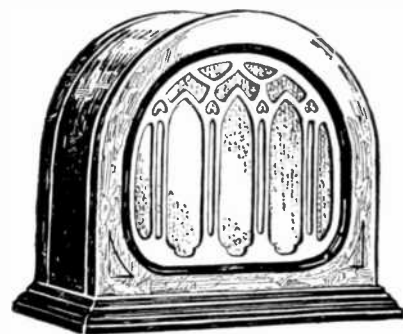
Model D-90
Same as D-110 except field wound to 1950 ohms resistance and supplied without transformer-rectifier unit. Field to be energized by 40 to 80 milliamperes at 75 to 150 volts DC. List price.
Price \$35.00

Model D-90-2
Same as above but with special input for push pull amplifier.
Price \$35.00

Model D-90-L
A Rola dynamic unit specially designed, drilled and cabled so that anyone can easily replace the speaker in Majestic radio sets.
Price \$27.00



ROLA MODEL JM
Type M Cone Unit



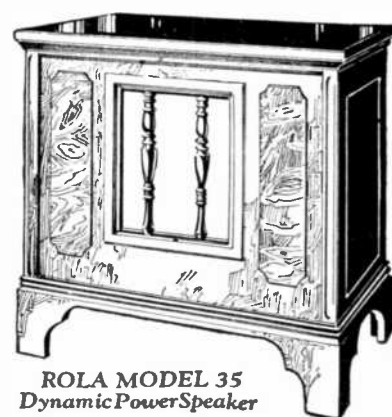
ROLA MODEL 20
Cabinet Cone Speaker



ROLA MODEL 30
Dynamic Power Speaker



ROLA MODEL 25
Cone Speaker Table

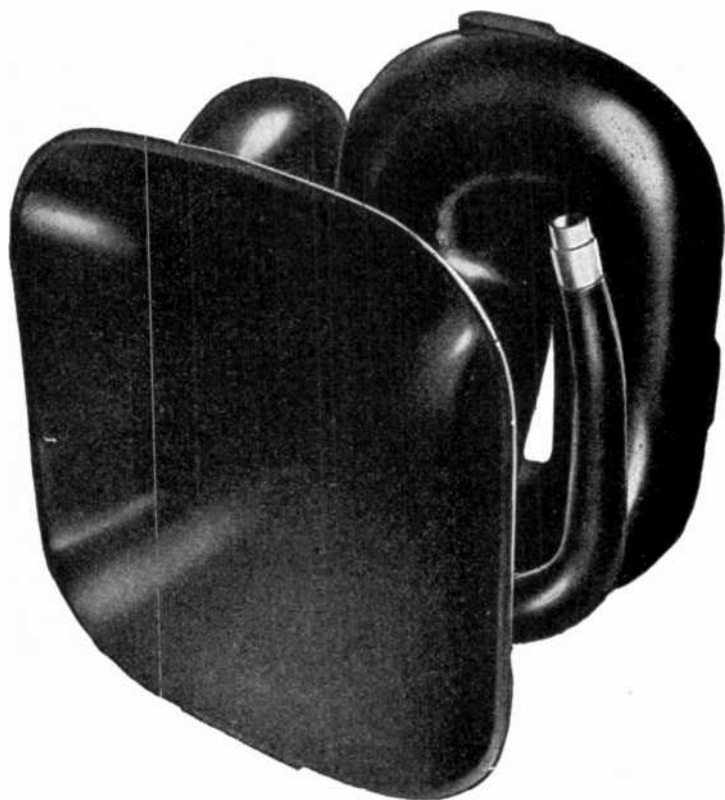


ROLA MODEL 35
Dynamic Power Speaker

ENTIRE PAGE CLASS B

Always Give Complete Description When Ordering

MOLDED WOOD TONE CHAMBERS



The Air Column Speaker

Despite hysteria, the scientifically developed air column speaker still remains the most faithful reproducer and the favorite of music lovers. When used with a Green Cap unit, it is impossible to overload or blast these speakers, even on the largest of present day push pull 250 power packs.

Made of All Wood

Wood is the natural, true reproducer of sound—the violin for instance. Molded Wood tone chambers are made of specially processed plastic wood and are inert, non-vibrating and perfectly smooth, offering no sound obstructions.

For Testing and Demonstrating

Just the thing for testing and demonstrating. Being already mounted, they simply slide into the cabinet without further ado. Their purity of tone and freedom from rattle, vibration and tinniness guarantees that each demonstration will result in a sale.

True Reproduction

Graceful, compact, non-vibrating, molded wood tone chambers, sweet and mellow as a violin, scientifically constructed to reproduce naturally all notes, high and low, without distortion or overtone.

No. 595

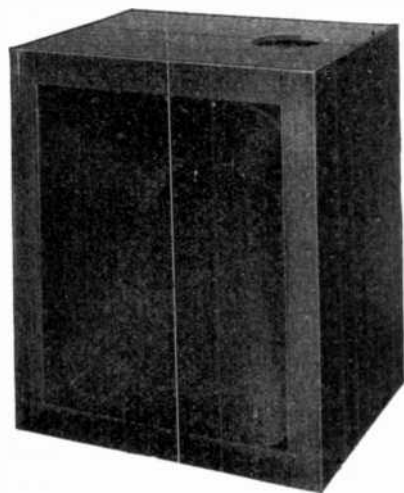
This tone chamber is 21 $\frac{1}{4}$ " high, 18" wide and 15" deep (outside dimensions of wood housing). It has a tone travel of eight feet, which is mathematically correct for reproduction of low as well as high notes.

No. 570

The No. 570 tone chamber is 15" high, 12" wide and 12" deep (outside dimensions of wood housing). This chamber delivers a shade less volume but equal purity of tone.

Completely Mounted

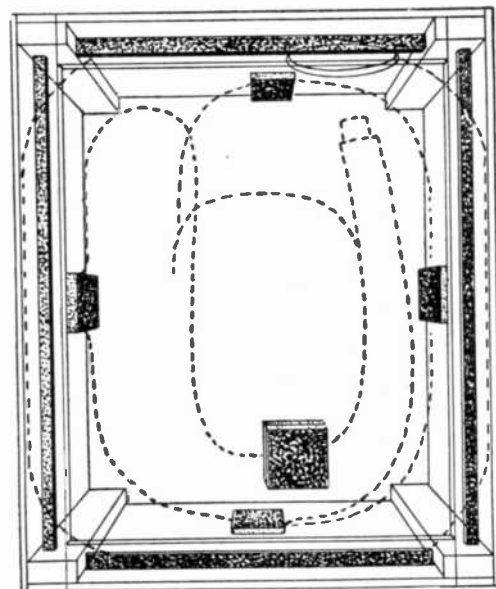
These tone chambers are completely mounted in semi-finished wood boxes and are heavily cushioned to eliminate any possibility of causing tube howls. They are compact and require very little space and can be placed in almost any position. As a demonstrator, one of these tone chambers will sell more sets and accessories than a dozen salesmen.



PRICES

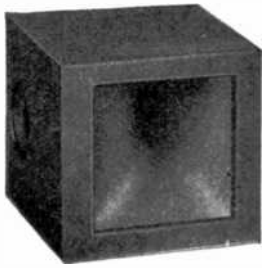
No. 595 Eight foot Molded Wood tone chamber.....	\$18.00
No. 595 Eight foot Molded Wood tone chamber with Green Cap Unit.....	24.00
No. 570 Six foot Molded Wood tone chamber.....	13.00
No. 570 Six foot Molded Wood tone chamber, with Green Cap Unit.....	17.00

CLASS B

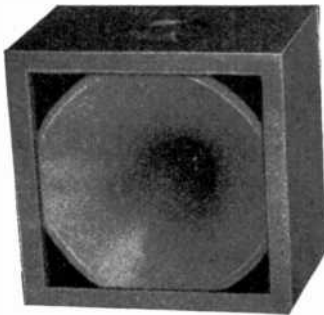


Sectional View Showing System of Mounting

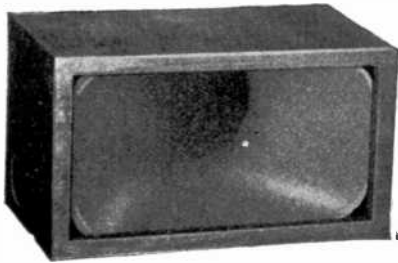
MOLDED WOOD TONE CHAMBERS



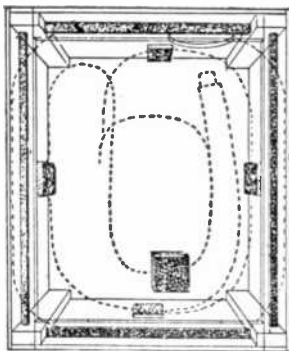
No. 1549



No. 1804



No. 1505

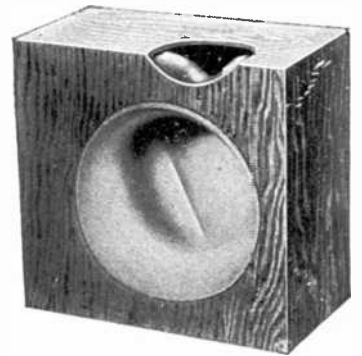


Sectional View Showing Method of Mounting

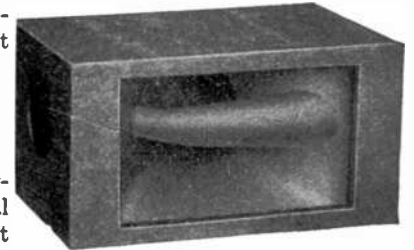
Greatest Tone Value Air Column Speakers

5 Points of Excellence

1. NON-METALLIC: therefore no rasping.
2. ALL WOOD: wood is the natural, true reproducer of sound—the violin for instance.
3. SPECIALLY PROCESSED; inert, non-vibrating permitting no leakage of sound.
4. COMPACT SPECIALLY MOLDED AIR COLUMNS; smooth and no sound obstructions.
5. FIDELITY OF REPRODUCTION; gracefully enlarged, gradually tapered air columns; greatest volumn, no distortion or overtone.



No. 1590



No. 1584

Made of Molded Wood

Made of plastic wood, molded to conform with correct exponential principles. Plastic wood has no natural frequency, hence no resonance peaks and is the perfect material for sound reproduction.

A Size For Every Purpose

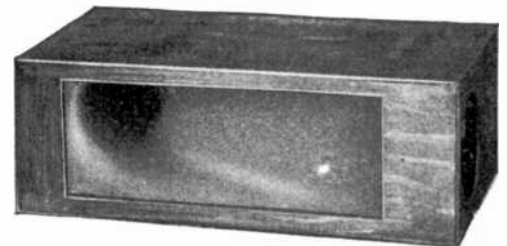
The line is complete, ranging from the No. 1549 requiring the small space of 7 1/2 x 7 3/4 x 8 3/4 inches to the mammoth No. 595 "Fairfax Master" with an 8-foot tone travel and yet requiring only 21 1/4 x 18 x 15 inches. All are fully mounted on heavy pads in semi-finished wood boxes.



Nos. 1580 & 1580-B

Completely Mounted

These Tone Chambers are completely and carefully mounted, thus eliminating all mounting problems and costs. Simply slide into cabinet. All equipped with standard 7/8" x 18" thread for unit.



No. 1540

Sizes and Prices

Cat. No.	Size	Less Unit	Complete With Unit
1549	7 1/2 x 7 3/4 Front x 8 3/4 Deep	\$4.00	\$10.00
1804	10 1/2 x 10 3/8 Front x 7 1/4 Deep	7.00	13.00
1505	13 1/2 x 7 3/4 Front x 8 Deep	6.00	12.00
1590	11 3/8 x 10 3/4 Front x 6 1/2 Deep	6.50	12.50
1584	13 1/2 x 7 1/8 Front x 8 1/2 Deep	6.00	12.00
1580	18 3/8 x 5 1/2 Front x 10 Deep	6.00	12.00
1580B	16 x 5 1/2 Front x 10 Deep	6.00	12.00
1540	19 3/4 x 7 Front x 11 1/4 Deep	7.50	13.50

Note—The number 1590 is the same size as the new cone assemblies and will fit the same space. The prices complete with unit include the famous Fairfax "Green Cap" Unit.

MOLDED WOOD TONE CHAMBERS

No. 790 Air Column Speaker

In Walnut Case

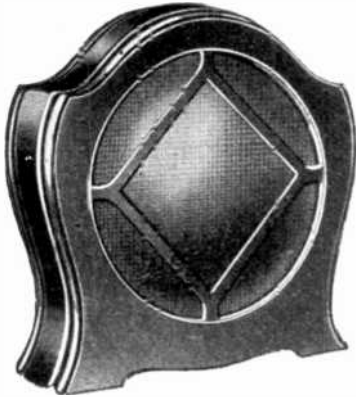
Exclusive design, incorporating molded wood non-vibrating, non-metallic tone chamber and Fairfax "Green-Cap" reproducing unit.

It maintains the advantages of the all-wood, acoustically correct air-column and yet has been reduced to a small, compact table model. Built to withstand powerful AC. operation.

Specially designed "clock-type" speaker at very attractive price.

The tone chamber used in this model, may be purchased separately mounted, for consoles and table speakers. So mounted, it is known as the No. 1590.

List Price **\$25.00**



No. 701 Cone Speaker

Masterpiece in construction and design. Two-tone Walnut finish.

Very efficient. Cabinet itself acting as a sounding board, a singular natural sweetness of tone is produced by the new Fairfax Cone Unit, one of the component parts of the remarkable development—the "3-in-1" speakers.

A beauty that will be appreciated everywhere. Front and back grille exactly the same. Haskelite construction.

List Price **\$32.50**



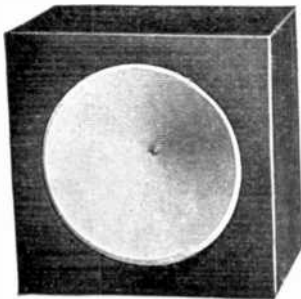
No. 201 Cone Assembly

Each year brings new thoughts—new development. And so, we submit the latest engineering triumph in "Cone" accomplishment—the Fairfax Cone Assembly.

With a wider range of frequency than heretofore secured; with tones more sweet and mellow and withal more realistic than ever; with a sturdier construction eliminating mechanical disadvantages, the FAIRFAX CONE ASSEMBLY challenges attention of conservative buyers.

Fairfax Cone Assembly is really a superior unit for table speakers, consoles and sets contemplating cone operation. Equipped with filter reducing distortion to minimum and reproducing a quite clear tone with lots of volume. Size $9\frac{1}{4}$ " x $9\frac{1}{4}$ " x $6\frac{3}{8}$ " deep.

List Price **\$15.00**

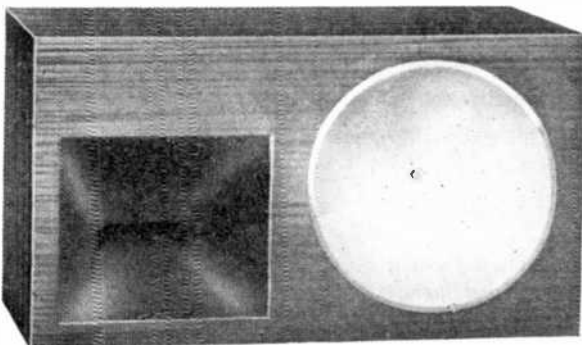


No. 301 Tripl-Tone Assembly

Tripl-Tone is a "3-in-1" speaker; at a turn of the knob you have cone reproduction at its best. At another turn you have tone chamber reproduction at its best, especially for speech. And still another turn, you have a combination of both. And this combination is positively entrancing.

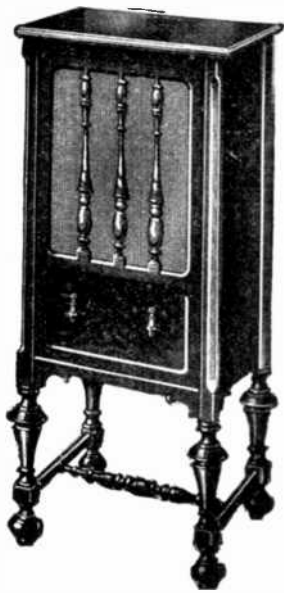
Compactness makes it particularly adaptable for a cabinet but can be used as is. Easily installed, simply set into the cabinet and block. The "3-in-1" idea is popular and catching. It is a great seller to the set builder and fan. Size $16\frac{3}{4}$ " wide; $9\frac{3}{8}$ " high; $8\frac{5}{8}$ " deep.

List Price **\$30.00**



ENTIRE PAGE CLASS B

Always Give Complete Description When Ordering



MOLDED WOOD TONE CHAMBERS

No. 770 Table Speaker

Fine craftsmanship. Walnut. Stately, outstanding floor speaker designed to accommodate the smaller sets. Will enrich the appearance of any home.

A Tripl-Tone Speaker with our "3-in-1" Unit No. 301, is standard equipment with this model.

Tripl-Tone is a "3-in-1" speaker. At a turn of the dial you have cone reproduction at its best. At another turn you have tone chamber reproduction at its best, especially for speech. And still another turn, you have a combination of both. And this combination is positively entrancing.

This model may be secured with 6-foot exponential tone chamber and unit, alone.

Height 32", width 16 $\frac{3}{4}$ ", depth 12 $\frac{3}{4}$ "

PRICES

No. 770-H Equipped with 6-foot Air Column speaker.....	\$50.00
No. 770-T Equipped with No. 301 Tripl-Tone Speaker.....	60.00



No. 795 Table Speaker

The aristocrat of floor speakers. Unmatched anywhere. Finished in outstanding walnut, its carved legs and stretch form a most distinctive lower construction. Its richness and beauty of design is a fit setting for the season's outstanding development—the Tripl-Tone Speaker Unit No. 301.

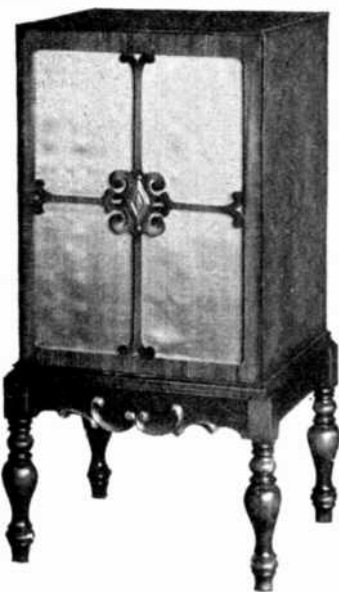
The Tripl-Tone Speaker—the "3-in-1" speaker Unit No. 301, with the Golden voice is standard equipment with this model. It gives to the listener either the "full-throat" of the air column or the singular sweetness of the cone, or, at his choice, the combination of both, blending their goodness into one reproduction that simply overwhelms with pleasure. It furnishes a thrill hitherto thought impossible, by radio.

Will be furnished with 8-foot exponential tone chamber and unit, alone.

Height 32", width 22 $\frac{3}{4}$ ", depth 16"

PRICES

No. 795-H Equipped with 8-foot Air Column Speaker.....	\$70.00
No. 795-T Equipped with No. 301 Tripl-Tone Speaker.....	80.00



No. 725 Table Speaker

Stately and dignified. Of same general construction as the No. 710 but designed to take less floor space. A genuine adornment in any room.

This model is also equipped with Tripl-Tone Speaker. The "3-in-1" speaker idea is carried throughout so as to afford the customer a choice and combination of reproduction unexcelled.

Will be furnished with 8-foot exponential tone chamber and unit, alone.

Height 35 $\frac{1}{2}$ ", width 18", depth 15 $\frac{1}{2}$ "

PRICES

No. 725-H Equipped with 8-foot Air Column Speaker.....	\$50.00
No. 725-T Equipped with No. 301 Tripl-Tone Speaker.....	60.00

ENTIRE PAGE CLASS B

MOLDED WOOD TONE CHAMBERS

No. 710 Table Speaker

Distinctive and commanding. Sturdy design with artistic understructure. Polychrome grille of unique effect.

Meets the approval of discriminating buyers. Eye-appeal and attractive price.

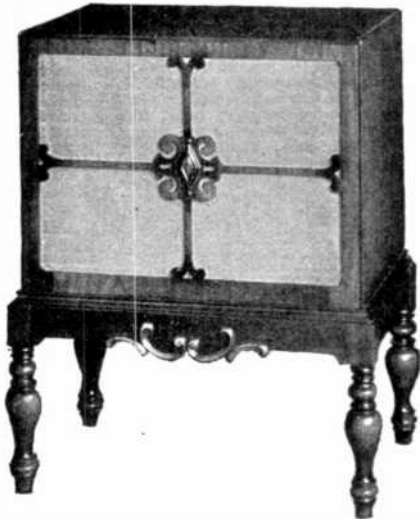
Equipped with Tripl-Tone Speaker. Unit No. 301.

The "3-in-1" speaker that permits you to choose what kind of reproduction you desire at any particular time. If you want the cone alone, you may have it. If you want the air column, you may have it. If you want to hear both combined in one glorious, unsurpassable combination that gives you the treat of your life, you may have it. A simple turn of the dial does the trick. Will be furnished with 8-foot exponential tone chamber and unit, alone.

Height 30", width 22½", depth 15¼"

PRICES

No. 710-H Equipped with 8-foot Air Column Speaker.....	\$50.00
No. 710-T Equipped with No. 301 Tripl-Tone Speaker.....	60.00



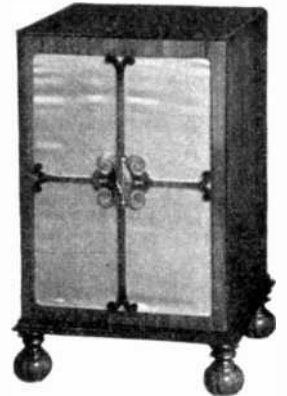
No. 731 Table Speaker

The same high quality of construction as No. 710. It is the same as No. 725 but not so high. Designed to fit in small space and used away from set. No. 731-S will be furnished with 6-foot exponential tone chamber and unit only. Size: Height, 21"; width, 12½"; depth, 12½".

No. 731-L is equipped with our three-in-one Tripl-Tone Speaker Unit No. 301. Also equipped with 8-foot tone chamber and unit only. Size: Height, 27½"; width, 18"; depth, 15¼".

PRICES

No. 731-S Equipped with 6-foot Air Column Speaker.....	\$35.00
No. 731-H Equipped with 8-foot Air Column Speaker.....	45.00
No. 731-L Equipped with No. 301 Tripl-Tone Speaker.....	50.00



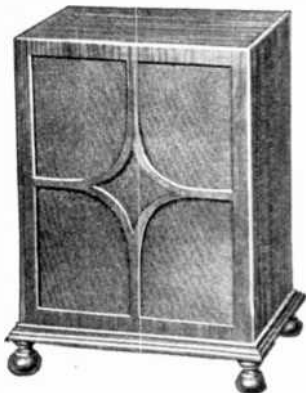
No. 753 Table Speaker

Walnut case. Of unusual high value and low cost. Built to last and designed to appeal to the moderate priced purchaser. No. 753-S is equipped with our 6-foot exponential all wood, non-metallic tone chamber and Fairfax "Green-Cap" Unit. Size: Height, 18"; width, 12½"; depth, 12½".

No. 753-L is equipped with our three-in-one Tripl-Tone Speaker Unit No. 301. Also furnished with 8-foot tone chamber and unit. Size: Height, 24½"; width, 18¼"; depth, 15½".

PRICES

No. 753-S Equipped with 6-foot Air Column Speaker.....	\$30.00
No. 753-H Equipped with 8-foot Air Column Speaker.....	40.00
No. 753-L Equipped with No. 301 Tripl-Tone Speaker.....	45.00



No. 112 Fairfax "Green Cap" Speaker Unit

Expressly built to withstand the power of modern AC operation. Will stand output of largest power amplifier without distortion and retain the full range of tonal frequency. It remains constant in its faithful reproduction of voice and music, under the most severe tests.

The uniformity of its production, incorporating the best materials and workmanship that money can buy, gives to it that volume, quality of reproduction, permanence and durability that guarantees to the listeners, the faintest whisper as well as the tumult of the crowd.

The "GREEN CAP" unit challenges competition.

It is ideally adapted to home as well as auditoriums of every kind furnishing public announcements and amusements.



List Price \$6⁰⁰

ENTIRE PAGE CLASS B

Service That Satisfies

ARCTURUS A-C LONG LIFE TUBES

First to build a 4-prong, 15 volt line of AC Tubes; first to make a 4-prong, 15 volt High Mu Tube; first to market a 2.5 volt, 5-prong long life, quick-acting Detector; and now—the first AC Shield Grid Tube. Arcturus has always pioneered the newest AC developments. Today, the trade looks to ARCTURUS for the latest advancements—incorporating the high efficiency, exceedingly long life and better radio reception always built into ALL ARCTURUS AC Tubes. A number of set manufacturers, after thoroughly testing ARCTURUS AC Tubes, have adopted them as standard in their receivers. ARCTURUS Tubes insure permanent satisfactory sales. The normal operating life of these tubes is several thousand hours—and they have established an uncontested world's record for tube life of over five thousand hours. This alone recommends these tubes to jobbers and dealers as the ultimate in tube efficiency. The ARCTURUS plants and laboratory are extensively equipped with modern machinery. The latest scientific automatic production and evacuation methods are employed in the manufacture of these tubes. They are then rigidly tested before leaving the factory, assuring perfect AC Tubes—that stay sold!

The 15-Volt Line

The 15-volt line of ARCTURUS AC Tubes are all of the heater type and operate from an alternating current potential of 15 volts, and consume the low current of .35 amperes. All tubes have the same heater characteristics and may, therefore, be operated from a single transformer secondary, and without extra heavy wiring. The alternating current potential can be supplied from special transformers designed for use with these tubes, or from the conventional and economical toy type of transformer. These tubes all have the standard four-prong base, with the exception of the Type 546, which has five prongs.

TYPE 26
AC Detector

Filament Volts.....	15
Filament Current.....	.035
Plate Volts.....	22.5 to 45
Grid Volts (+).....	4.5

List Price, **\$5.00**

TYPE 546
AC Detector
5 prongs

Filament Volts.....	15
Filament Current.....	.035
Plate Volts.....	45

List Price, **\$5.00**

TYPE 22
AC Shield Grid

Filament Volts.....	15
Filament Current.....	.035
Plate Volts.....	135 to 180
Grid Volts (—).....	1.0 to 1.5
Shield Grid Volts.....	22.5 to 70

List Price, **\$7.50**

TYPE 28
AC
Amplifier

Filament Volts.....	15
Filament Current.....	.035
Plate Volts.....	67.5 to 135
Grid Volts (—).....	1.5 to 4.5

List Price, **\$4.00**

TYPE 48
AC
Amplifier

Filament Volts.....	15
Filament Current.....	.035
Plate Volts.....	67.5 to 135
Grid Volts (—).....	4.5

List Price, **\$4.00**

TYPE 32
AC High Mu
Amplifier

Filament Volts.....	1.5
Filament Current.....	.035
Plate Volts.....	90 to 135
Grid Volts (—).....	15

List Price, **\$4.00**

TYPE 440
AC Push Pull
Power Amplifier

Filament Volts.....	15
Filament Current.....	.076
Plate Volts (Recom. Per Plate).....	180
Grid Volts (—).....	40.5
Plate Volts (Max.).....	250

Grid Connections to Side Contacts
List Price, **\$7.50**

TYPE 30
AC Power Amplifier

Filament Volts.....	15
Filament Current.....	.035
Plate Volts (Recom.).....	180
Grid Volts (—).....	22.5 to 27.5
Plate Volts (Max.).....	250

List Price, **\$4.00**

TYPE 40
AC Power Amplifier

Filament Volts.....	15
Filament Current.....	.038
Plate Volts (Recom.).....	180
Grid Volts (—).....	40.5
Plate Volts (Max.).....	250

List Price, **\$4.00**

TYPE 50
AC Super Power
Amplifier

Filament Volts.....	15
Filament Current.....	.062
Plate Volts (Max.).....	450

List Price, **\$12.00**

The Low Voltage Line

The ARCTURUS low voltage line of tubes is just what the radio world has been waiting for. The Nos. 826 and 871 are made tubes in the world. Your watch can prove the superior efficiency of these tubes. Take any AC radio set and turn on the current. Twenty, oftentimes thirty seconds elapse before the program becomes audible. Replace the detector tube with the ARCTURUS No. 127 and time the thermal lag. Within seven seconds the program is coming in. And the better tone quality and greater volume, coupled with ARCTURUS reliability, are immediately apparent.

TYPE 126H
AC Amplifier Heater Type
For radio and audio frequency amplification stages. Has standard 4-prong base.

Filament Volts AC.....	1.5
Filament Current.....	1.05
Plate Volts.....	67.5 to 135
Grid Volts (—).....	4.5

List Price, **\$4.00**

TYPE 126
AC Amplifier Filament Type

Filament Volts AC.....	1.5
Filament Current.....	1.05
Plate Volts.....	67.5 to 135
Grid Volts (—).....	4.5

List Price, **\$2.50**

TYPE 127
AC Detector and Amplifier
Of the indirectly heated type and is efficient as a detector or amplifier. Has a 5-prong base.

Filament Volts AC.....	2.5
Filament Current.....	1.75
Plate Volts (Recom. Det.).....	45
Plate Volts (Max.).....	180

List Price, **\$5.00**

TYPE 071H
AC Power Amplifier
Heater Type
Maximum power output, without distortion. Used in the last audio stage only, this tube improves the operation of any set.

Filament Volts AC.....	5.0
Filament Current.....	1.0
Plate Volts.....	180
Grid Volts (—).....	40

List Price, **\$4.00**

TYPE 071
AC Power Amplifier
Filament Type

Filament Volts AC.....	5.0
Filament Current.....	1.0
Plate Volts.....	180
Grid Volts (—).....	40

List Price, **\$3.00**

TYPE 150
Super Power Amplifier
Filament Type
Supplies an exceptionally large volume of undistorted output to the loud speaker.

Filament Volts AC.....	7.5
Filament Current.....	1.25
Plate Volts (Max.).....	450

List Price, **\$12.00**

TYPE 180
Full Wave Rectifier
Filament Type
A long-life filament type of rectifier tube for use in A, B and C Eliminators or Power Packs.

Filament Volts AC.....	5.0
Filament Current.....	2.0
Plate Volts (Max.).....	300
DC Output { Volts.....	260
{ Current Mil. Amp.....	125

List Price, **\$4.50**

TYPE 181
Half Wave Rectifier
Filament Type
A half wave rectifier of the new oxide filament type.

Filament Volts AC.....	7.5
Filament Current.....	1.25
Plate Volts (Max.) AC.....	750
DC Output { Current Mil. Amp.....	110

List Price, **\$7.50**

ENTIRE PAGE CLASS B

Always Give Complete Description When Ordering

Champion RADIO TUBES

A Word About Champion Tubes

A radio tube is a precision instrument whose value is determined by the amount of care taken in manufacture and the rigidity of inspection afterward. Champion tubes are given such severe tests that they are perfectly matched and will function equally well as R.F., A.F., or I.F. amplifiers as well as detectors.

The Importance of the Filament

An especially sensitive filament has been produced which will give off a very high emission of electrons at a low temperature. This means that they will work better and use less current. Another point in this connection is the greatly increased life, due to the low filament temperature.

Aging

When tubes are first made a careful aging process is necessary to bring the active substance in the filament to the surface, and to stabilize the efficiency of the tube in continued operation. All Champion tubes are carefully seasoned to insure maximum signal strength throughout normal life.

Tube Noises

The workmanship and materials used are the best obtainable. Great care has been exercised to prevent any sustained vibrations which might cause microphonic noise in operation. Champion tubes have a special hook or top support with enough springiness to keep an even tension at all times. In addition, the 199 type has a special glass bead construction which holds the grid, plate and filament in rigid space relation.

TYPE UX226

Designed for use either as a radio or audio frequency amplifier. Employs a heavy filament of the oxide coated type, designed for operation on low voltage alternating current. Characteristics similar to the 201A except that it is not usually suitable for use as a detector. Fil. volts, 1.5 (transformer); fil. amperes, 1.05; plate voltage from 90 to 180 volts; grid voltage from -6 to -13.5.

Price, \$2.50

TYPE UX227

Differs from the general purpose tube in that it has a heater element instead of a filament. The emitting surface is separated from the heating wire by a piece of insulating material. This eliminates the hum which would be heard if a general purpose tube were lighted with AC. Heater volts, 2.5 (transformer); heater amperes, 1.75; plate voltage, 45 to 90; grid leak, $\frac{1}{2}$ to 9 megohms; grid return lead connected to cathode.

Price, \$5.00

TYPE UX290

A full wave thermionic rectifier, evacuated to a very high degree and having many advantages over the gaseous conduction type of rectifier. A heavy oxide coated filament is used, which will stand very severe treatment. Plates made of metal mesh to dissipate heat. Filament voltage, 5; filament amperes, 2; plate volts AC each plate, 300; DC output, 125 milliamperes; 260 volts (at input to filter circuit).

Price, \$4.50

TYPE UX112A

Identical to the type 112 tubes except that it takes only one-quarter ampere filament current. It can usually be used in any position where either a 112 or 201A is now employed and will greatly improve results in the latter case, either as a detector, R.F. or A.F. amplifier. Fil. voltage, 5; fil. amperes, .25; plate voltage 135 to 157.5; grid voltage -9 to -10.5.

Price, \$3.00

TYPE UX171A

Designed to have a very low output impedance and intended for use as a last audio stage only. When operated at maximum voltages, great volume will result without a trace of distortion. Fil. voltage, 5; fil. amperes, .25; plate voltage, 90 to 180; grid voltage, -16.5 to -40.5.

Price, \$3.00

TYPE UX281

Designed for half wave rectification to give high voltage DC. It is particularly intended for use in furnishing plate voltage for amplifiers using such tubes as the 210 and 250. The filament is oxide coated and the plate is made of metal mesh for heat dissipation. Fil. voltage, 7.5 AC; fil. amperes, 1.25; plate voltage, 750 AC; output-maximum, 110 milliamperes DC.

Price, \$7.50

TYPE UX210

The 210 is a power amplifier capable of handling sufficient undistorted power for any ordinary use. It may also be used as an oscillator and for this purpose has a rating of approximately 7½ watts. This tube can be rejuvenated. Fil. voltage, 7.5; fil. amperes, 1/25; plate voltage from 250 to 425 volts; grid voltage from -11 to -35.

Price, \$9.00

TYPE UX250

The largest power tube being made and for use only in special circuits. At the maximum plate voltage of 450 volts with an 84 volt bias on the grid, this tube has an undistorted output of better than 4½ watts, or slightly better than two 210s in push pull. Fil. voltage, 7.5; fil. amperes, 1.25; plate voltage from 250 to 450 volts; grid voltage from -45 to -84 volts.

Price, \$12.00

TYPE UX201A

This is the standard tube designed to meet every use connected with radio reception. The test specifications on Champion 201A tubes are so rigid that they are guaranteed to be perfectly matched and will work equally well as detectors or amplifiers. Fil. voltage, 5; fil. amperes .25; plate voltage (as detector, 45) (as amplifier, 90 to 135); grid voltage as amplifier from -4.5 to -9 volts.

Price, \$1.50

TYPE UX200A

With this tube in the detector position a marked increase in signal strength will be noticed, especially on distant stations. It is very stable in operation and does not require critical adjustment of plate voltage. Fil. voltage, 5; fil. amperes, .25; plate voltage (maximum), 45; grid condenser, .00025 mfd.; grid leak 2-3 megohms.

Price, \$4.00

TYPE UX240

This is a high mu detector and voltage amplifier and was designed particularly for use in resistance coupled amplifier circuits. It has an amplification factor of 30 and works equally well as a detector or resistance amplifier. Fil. voltage, 5; fil. amperes, .25; plate voltage (maximum) 180 volts.

Price, \$2.00

TYPE UX199

These tubes were designed for use either in portable or home receivers that use dry batteries. Champion 199s are made with a glass bead construction that rigidly holds the three elements and eliminates the microphonic noises that are so common in tubes of this type. Fil. voltage, 3; fil. amperes, .06; plate voltage (as detector, 45) (as amplifier, 90); grid voltage as amplifier, -4.5 volts.

Price, \$2.25

TYPE V199

Identical to the above except that it fits in the old type UV199 socket.

Price, \$2.25

TYPE UX120

This is a power amplifier designed for use in sets that employ the 199 type of tube. It will handle considerably more output without distortion than the 199 and will give an appreciable increase in clarity of tone. Fil. voltage, 3; fil. amperes, .125; plate voltage, 135; grid voltage, -22.5 volts.

Price, \$2.50

TYPE UX222

The screen grid tube was originally developed for an R.F. amplifier but it has been found to be exceptionally efficient as an I.F. and A.F. amplifier as well as a space charge detector. This tube has an amplification factor of from 300 to 400 and in specially developed circuits will give great amplification. Fil. voltage, 3; fil. amperes .125; plate voltage 90 to 135 volts, shield grid voltage 45 to 67.5 volts; control grid voltage, -1 to -3 volts.

Price, \$6.50



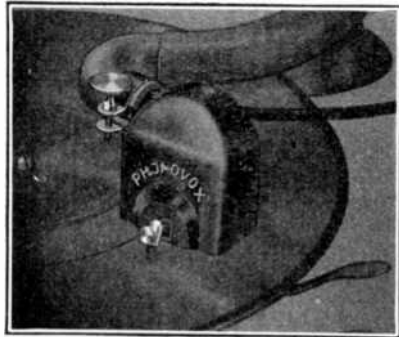
ENTIRE PAGE LESS THAN 24 CLASS B—24 TO 48 CLASS G—48 AND OVER CLASS A

Always Give Complete Description When Ordering

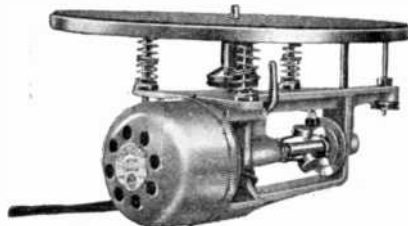
PACENT PHONOGRAPH EQUIPMENT



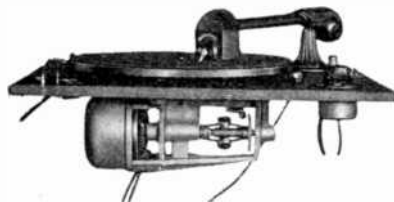
Model 124 Phonovox



Model 105A Phonovox



The Phonomotor



Electrovox Without Cabinet



Electrovox In Cabinet

The De Luxe Phonovox

In one stroke, the NEW models of the Pacent DeLuxe Phonovox modernize electric pick-up installation and operation—making them

A YEAR AHEAD IN ELECTRIC PICK-UP DESIGN

In tonal quality, in range covered, in simplicity of installation and in ease of operation, the De Luxe models are vastly superior to all existing forms of phonograph electric pick-up devices—making possible an installation equalling, if not exceeding, the performance of the costly electric phonograph at a small fraction of its cost.

THE ACME OF SIMPLICITY TO INSTALL

The installation of the De Luxe Model No. 124 is a marvel of simplicity—requiring no tools other than to screw the base of the tone arm to the motor board of the phonograph with three wood screws.

Both models have the new redesigned reproducer unit which is a triumph in electric pick-up design. So sensitive is this new unit to the faintest impulses, that the full advantages of the fibre needle may be utilized with no loss in volume and the elimination of needle scratch common to the use of a steel needle. The Counter-balanced Tone Arm provides the correct needle pressure on the record for obtaining the best reproduction and prevents unnecessary wear of the record. Installation, through the medium of the Special Pacent Adapter, eliminates all necessity for removing the detector tube to change over from radio to phonograph reproduction. To switch from radio to phonograph reproduction simply means detuning the radio (setting the tuning dial to zero reading) or removing one cord from the pin jack on the adapter, depending upon conditions. In the De Luxe Model 105-A, a unique swinging attachment arm facilitates installation on either a right or left hand phonograph arm.

The Phonomotor and Electrovox

The cabinet, motor and fittings are of the finest workmanship and design, but salesmen will readily appreciate that what they are really selling in the Pacent Electrovox is pleasure and entertainment. It plays phonograph records electrically with all the volume and realism of an expensive electric phonograph, and at a fraction of the cost. It is not only electrically played but the turntable is electrically operated by the Pacent Phonomotor. Its operation is simple, it being only necessary to plug one cord into an electric light socket and the second into a Radio Set. A switch starts the Phonomotor which operates the turntable—that's all. The many ways in which the Pacent Electrovox can give pleasure and entertainment will readily occur to you. It may be modulated to give a simple lullaby with tenderness, or, when desired, it will play with the expression, feeling and VOLUME of a large band or orchestra.

SPECIFICATIONS

The Phonomotor is of the induction type. The power consumption is 20 Watts at 110 Volts. It has an excess of power which enables it to pick up speed rapidly and remain constant under load. The speed is adjusted before leaving factory, but a speed regulator is provided allowing re-adjustment should the purchaser so desire. The "On or Off" switch starts or stops the motor. The motor requires but little attention, it being simply necessary to remove turntable and add a few drops of oil in oil pipes once or twice a year. Volume Control: This is of the potentiometer type—an etched dial indicates soft and loud positions; it can be set at any desired volume. A small condenser prevents the plate current of the detector tube from flowing through Phonovox, thus eliminating annoying scratches and noises when using Adapter. Phonovox is the celebrated Pacent De Luxe No. 124 with tone arm. It is mounted on right-hand side of motorboard with the cord concealed and passing through motorboard to volume control. A rest for the Phonovox is mounted on the motorboard. Walnut Cabinet, equipped with hinges to open at top. The eight feet of cord for the motor comes through the bottom, while located in back is a terminal plug for connecting with a radio set (or audio amplifier).

PRICES

Model 124 De Luxe Phonovox, Complete With Counter-balanced Tone Arm . . .	\$13.50
Model 105A De Luxe Phonovox Without Tone Arm	10.50
Phonomotor with Turntable But Without Tone Arm	35.00
Phonomotor Complete With Tone Arm Switch, Volume Control, etc., But Less Cabinet	60.00
The Electrovox Complete in Handsome Walnut Cabinet	75.00

ENTIRE PAGE CLASS B



NATIONAL BATTERIES

National radio A batteries are assembled in one-piece acid proof composition containers. They come in four sizes with bail handle and wing nut terminals. They are guaranteed for 18 months' service and with ordinary care will last indefinitely. Compare the National with any battery on the market, price for price, weight for weight, workmanship for workmanship, and then you will realize how much you save by buying it.

There is no stronger guarantee than the National.

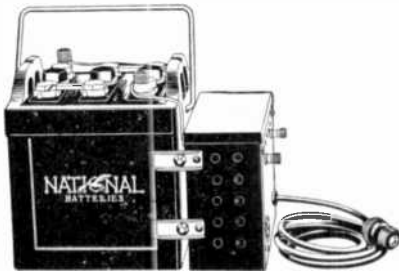
In simple, direct English, it says, "If for any reason, except abuse, your National Battery fails within 18 months, it will be put in condition without ONE CENT of further cost to you."

There is no chance for hedging or quibbling on this guarantee. No opening for a proposition of allowance on a new battery. It is the A B C of simplicity and says what it means and means what it says.

PRICES

No. 6- 75 75 Ampere Hour 6 Volt Storage Battery.....	\$13.10
No. 6-100 100 Ampere Hour 6 Volt Storage Battery.....	14.90
No. 6-125 125 Ampere Hour 6 Volt Storage Battery.....	16.60
No. 6-150 150 Ampere Hour 6 Volt Storage Battery.....	21.75

NATIONAL "A" POWER UNITS

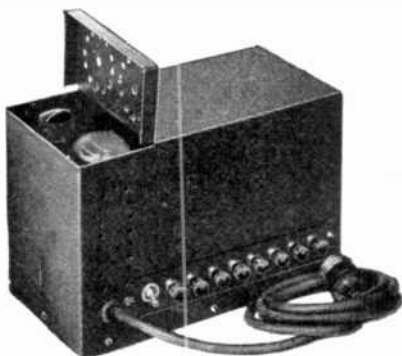


The last season has again demonstrated that the perfect filament supply is a storage battery with an automatic charger and built-in relay. National A units consist of the battery wanted and an Elkon one ampere dry charger whose charging rate tapers off to one-half ampere as the battery becomes fully charged. The charging unit is perfectly dry and has a relay built-in. The B eliminator, if used, plugs into the socket on the A unit thereby making all operations automatic with the switch on the receiver.

PRICES

No. PU 675 Power Unit with 75 Ampere National Battery.....	\$31.60
No. PU 6100 Power Unit with 100 Ampere National Battery.....	33.30
No. PU 6125 Power Unit with 125 Ampere National Battery.....	34.10
No. PU 6150 Power Unit with 150 Ampere National Battery.....	37.70

NATIONAL "B" ELIMINATOR



The National B eliminator is an outstanding value. It is so constructed that it will work on standard sets as well as those using power tubes up to and including the 171A at 180 volts.

It has only one variable, that in the primary circuit, enabling even the novice to operate it intelligently. It is tapped to deliver 22½, 45, 90, 135 and 180 volts. It is rated at full 70 milliamperes at 180 volts and will deliver more current than is needed on any present day set. Only the highest grade of materials are used throughout and it is truly a National product.

List Price \$30⁰⁰ Complete

ENTIRE PAGE CLASS B

MARATHON A, B, and C Radio Batteries



A BATTERY



No. 1550



No. 3091



No. 3051



No. 3501

THERE are many sizes of 45-volt 'B' batteries at varying prices on the market, but the operating COST is dependent entirely on the CAPACITY of the battery. Therefore, dealers who value repeat business from their customers will be careful to learn what kind of set batteries are to be used with and recommend the proper size for economy to the user.

Marathon "Super-Power" Batteries are the highest capacity 'B' batteries obtainable. The two sizes in this line will fill 95% of all 'B' battery needs with the greatest economy to the user. Many dealers stock only these two sizes to meet every call for 45-volt 'B' batteries.

No. 3081 "SUPER-POWER"

Largest and highest capacity of all 'B' batteries. Long service tests by many users have proved this battery to be the most economical battery obtainable for heavy drain sets. Especially recommended for power tube sets and all sets using five or more tubes.

No. 3071 "SUPER-POWER"

A fitting companion to the No. 3081, to be used on sets of lighter drain. Especially recommended for use on sets using up to five tubes.

No. 3091 "HEAVY-DUTY"

A large size battery that will give good service on heavy drain sets, where low initial price is more of a factor to the user than economy of operation which is obtained in No. 3081 "Super-Power."

No. 3021 MEDIUM SIZE

This battery is low in price and will give good service on the lighter drain small sets.

MARATHON 'C' BATTERIES

In the Marathon line are all types and sizes of 'C' batteries, the most popular being the No. 3201 giving 4½ volts; No. 1550 giving 22½ volts with intermediate taps; and No. 3501 giving 4½ volts for portable sets.

MARATHON 'A' BATTERIES

Made especially for radio service and will give the longest life in this service. Recommend them always in preference to "general duty" dry cells. Their longer life and uniform performance will be a pleasure to the user.



No. 3071



No. 3081



No. 3021



No. 3201

Stock No.	Description	Size Inches	Weight Each	List Price Each	Unit Package Quantity	Net Price Each In Less than Unit Package Quantity	Net Price Each In Unit Package Quantities
1540	Small 22½ volt "B" portable	3 3/8 x 2 x 2 1/2	1 lb.	\$1.50	5	\$1.05	\$0.97
1550	Medium small 22½ volt "B" or "C"	4 1/2 x 2 1/2 x 2 1/2	1 1/2 lb.	1.75	5	1.22	1.14
1520	Medium 22½ volt "B" flat	6 5/8 x 4 x 3	5 lb.	2.00	5	1.40	1.30
1521	Medium 22½ volt "B" upright	4 1/8 x 3 1/8 x 7	5 lb.	2.00	5	1.40	1.30
3051	Small 45 volt "B" upright	4 1/8 x 2 1/2 x 6 1/8	3 lb.	2.50	5	1.90	1.79
3020	Medium 45 volt "B" flat	7 7/8 x 6 5/8 x 3	9 1/2 lb.	2.75	6	2.06	1.92
3021	Medium 45 volt "B" upright	8 x 3 1/8 x 7	10 lb.	2.75	6	2.06	1.92
3091	Heavy-Duty 45 volt "B" upright	8 x 4 1/8 x 7	14 lb.	4.00	6	3.00	2.80
3071	Super-Power 45 volt upright	8 5/8 x 3 5/8 x 7 1/4	11 lb.	2.95	6	2.20	2.06
3081	Super-Power 45 volt "B" upright	8 5/8 x 5 x 7 1/4	17 lb.	4.25	6	3.16	2.97
3201	Large 4½ volt "C"	3 7/8 x 1 3/8 x 3	12 oz.	.60	10	.42	.39
5501	Med. 7½ volt "C"	4 x 7/8 x 2 3/4	9 oz.	.85	5	.59	.55
3501	Med. 4½ volt "C" portable	2 1/2 x 3/4 x 2 3/4	5 oz.	.40	5	.28	.26
"A"	For "A" Circuit	2 1/2 x 6	2 lb.	.50	50	.40	.35 1/2

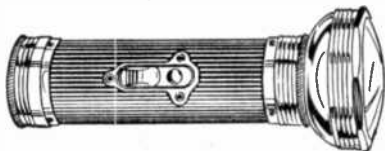
MARATHON FLASHLIGHTS



225—226



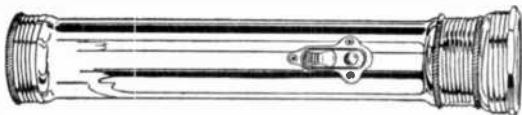
225-S—226-S



225-M—226-M



325-M—326-M



325-S—326-S

LIGHT—WHEN YOU WANT IT!

This sums up the whole story of flashlight usefulness; for a flashlight out of commission is no flashlight at all. Marathon Flashlights can be depended upon because of two extra features, which guarantee you light when you need it!

THE SHOCK ABSORBER

All Marathon Flashlights are fitted with a coil spring connector between the battery and lamp base. This spring absorbs the shocks and jolts, protecting the filament, and keeping the lamp in shape to light.

SAFETY SHUT-OFF

A half turn of the end cap, to the left, completely disconnects the circuit. Even if the switch is accidentally closed, the battery is still protected and ready for use.

OTHER FEATURES

Marathon Flashlights are furnished in either bright, full nickel finish, or black corrugated fibre. All Marathons are equipped with switches having both push button for instantaneous light—and sliding contact for continuous light. Octagonal lens rings prevent rolling when the flashlight is placed on a flat surface. Three different types comprise the Marathon line. 1st—Marathon Focusing Spotlights give visibility at great distance. Their penetrating range is from 300 to 500 feet. 2nd—The straight Tubular Type slips handily into your back pocket or fits into the side pocket of your automobile. 3rd—The Miner Head Type, as its name implies, throws a strong, full beam of light over a wide area. It is a great light for use around the factory or home.

PRICES

	Catalog No.	Finish	Size	Less Battery	With Battery	Renewal Battery	Renewal Bulb
Tubular Types	225	Black	1½x6 ½	\$1.05	\$1.25	\$0.20	\$0.15
	226	Nickel	1½x6 ½	1.05	1.25	.20	.15
	325	Black	1½x8 ½	1.70	2.00	.30	.15
	326	Nickel	1½x8 ½	1.70	2.00	.30	.15
Miners' Head Types	225-M	Black	1½x7	1.80	2.00	.20	.15
	226-M	Nickel	1½x7	1.80	2.00	.20	.15
	325-M	Black	1½x9	2.20	2.50	.30	.15
	326-M	Nickel	1½x9	2.20	2.50	.30	.15
Focusing Spotlight Types	225-S	Black	1½x7 ¼	2.80	3.00	.20	.20
	226-S	Nickel	1½x7 ¼	2.80	3.00	.20	.20
	325-S	Black	1½x9 ¼	3.20	3.50	.30	.20
	326-S	Nickel	1½x9 ¼	3.20	3.50	.30	.20

CLASS C

Marathon Flashlight Batteries

In general appearance, all flashlight batteries are alike—but there is a marked difference when it comes to a comparison of life and vitality. Only the finest of materials are used in Marathon flashlight batteries and their construction is correct to the smallest detail. Each cell of all Marathon Flashlight Batteries consist of a "bag-type" element, encased in an extra heavy, seamless zinc cup, which conserves the battery's energy and greatly contributes to its long life. Marathon Batteries may be used in all standard make flashlight cases.



PRICES

No. 110 Unit Cell 1 7/8"x1" List Price, each..... **\$0.10**
 No. 120 Unit Cell 2 3/8"x1 3/8" List Price, each..... **.10**

CLASS C

Marathon Utility Lantern



For Campers, Sportsmen, Farmers, Tourists, Automobiles and Homes, this is the handiest and lightest electric lantern made—and the most economical to operate, with the Marathon Lantern Battery No. 2440, once used, it becomes a necessity. Size 4 ¼ inches wide, 4 ¼ inches deep (including reflector), 4 ¾ inches high. Weight with battery only 2 ½ pounds. The Little Lantern with the Big Light will stand or hang in any position.

PRICES

Marathon Utility Lantern Less Battery..... **\$3.00**
 Marathon Utility Lantern Complete with No. 2440 Battery... **3.75**
 Renewal Battery No. 2440..... **.75**

Note: While the No. 2440 Special Battery is recommended for best service it is possible to use two ordinary dry cells of any good make.

CLASS D

Marathon Super-Service Dry Battery



Made up of four ignition cells connected in series the Marathon Super Service Battery has the kick of a mule—and just when you want it! It will provide the dependable power needed to start a stubborn gas engine, and is the best battery to use wherever six volts are required. Here is concentrated power when you want it; and plenty of it.

The Super Service contains the combined energy and life of four standard Marathon Ignition Cells. These four batteries are bound together in asphalt and thoroughly insulated; a process which insures that the cells will not jar loose or the connections become broken; also insures uniform life from each cell. The batteries are then encased in a heavy metal container, built to withstand rough usage in all sorts of weather.

List Price **\$2.30**

Dealers' Net Prices

Less than 12..... **\$1.77** Lots of 12..... **\$1.67**

EXCELLO RADIO CONSOLES

Model R-44

A walnut cabinet with select matched butt walnut veneer doors. The receiver compartment is a sliding drawer 24x9x14 inches deep. Special panel arrangements for standard receivers will be supplied gratis. Above the receiver compartment is the phonograph equipment consisting of General Electric phonograph motor, turn table, electric pick up with tone arm, volume control, adapter, automatic shut-off and a switch for changing from radio to phonograph. The motor board is flush with the top of cabinet when dome is raised making it convenient to operate and keep in order. The speaker compartment is 13 inches high, 15 inches wide, and 16 inches deep, with sufficient space for a cone speaker and eliminator for D. C. sets. Space is provided at each side of speaker compartment for phonograph albums. The loud speaker equipment is optional. Regular equipment is Jensen Dynamic or Peerless Magnetic Cone speakers. This cabinet can also be had without phonograph equipment. When so ordered, a plain motor board is provided on which any type of electric or spring motor and pick up can be installed. Dimensions: Height, 50"; width, 28"; depth, 19".



PRICES ★

R-44 Console, only, less phonograph equipment and speaker.....	\$100.00
R-44 Console, with electric phonograph equipment and less speaker.....	180.00
For Peerless Cone Speaker, add.....	20.00
For Radiola 100-A Cone Speaker, add.....	24.00
For Newcombe-Hawley A. C. Dynamic Speaker, add.....	50.00
For Jensen A. C. Dynamic Speaker, add.....	55.00

Model R-51

Designed for Radiola Models 17 and 18 and other high grade receivers. Walnut cabinet with matched butt walnut veneer doors. Doors fold back flush with the sides of cabinet. Piano finish. The receiver compartment is a sliding drawer 29x9½x13 inches deep. Special panel cutouts for standard receivers will be furnished if specified with order. The phonograph equipment is mounted on a sliding drawer above the receiver. The top half of drawer front is hinged and turns down giving easy access to the turntable and pick up. The phonograph equipment consists of General Electric phonograph motor, turntable, electric pick up with tone arm, volume control, adapter, automatic shut-off and a switch for changing from radio to phonograph. Sufficient space is provided for a Dynamic or Magnetic cone speaker. A large drawer is provided for record albums, stationery, etc., and has a hinged lid for arm rest or writing bed. Dimensions: Height, 55"; width, 34"; depth, 18".



PRICES ★

R-51 Console, only, less phonograph equipment and speaker.....	\$110.00
R-51 Console, with electric phonograph equipment and no speaker.....	190.00
For Peerless Cone Speaker, add.....	20.00
For Radiola 100-A Cone Speaker, add.....	24.00
For Newcombe-Hawley A. C. Dynamic Speaker, add.....	50.00
For Jensen A. C. Dynamic Speaker, add.....	55.00

ENTIRE PAGE CLASS B

★See "Instructions For Ordering" on first page

EXCELLO Radio Consoles

Model R-48 Console



Especially designed for Atwater Kent, Apex, Crosley, and other standard AC receivers. The doors are five-ply, with matched butt walnut veneer selected for beauty of grain and color and arranged to fold back to sides of console when open. The top and panels are five-ply walnut veneer. The receiver compartment is a sliding drawer providing easy access to the receiving set. Special panel arrangement for standard receivers not over 9 inches high by 21 inches long by 12½ inches deep will be furnished if specified when ordering. Finished in walnut, hand rubbed. Dimensions: Height, 51"; width, 26"; depth, 16½".



PRICES ★

R-48 Console, Less Speaker.....	\$65.00
For Peerless Tone Speaker, add.....	20.00
For Radiola 100-A Cone Speaker, add.....	24.00
For Newcombe-Hawley A. C. Dynamic Speaker, add.....	50.00
For Jensen AC Dynamic Speaker, add.....	55.00

Model R-43 Console



Designed for the new Radiola Model 18 as well as other AC or DC receivers. Walnut throughout with matched butt walnut veneer doors. Doors fold back flush with the sides of cabinet. Rich piano finish. The receiver compartment is a sliding drawer 29x9½x13 inches deep. Special panel arrangement for standard receivers will be furnished when specified. Ample room in speaker compartment for Dynamic or Magnetic Cone speaker and eliminator for DC receivers. A large drawer below receiver compartment provides space for stationery, etc., and has a hinged lid for writing bed. Dimensions: Height, 55"; width 34"; depth, 18".



PRICES ★

R-43 Console, Less Speaker.....	\$100.00
For Peerless Cone Speaker, add.....	20.00
For Radiola 100-A Cone Speaker, add.....	24.00
For Newcombe-Hawley A. C. Dynamic Speaker, add.....	50.00
For Jensen AC Dynamic Speaker, add.....	55.00

ENTIRE PAGE CLASS B

ST. JOHN'S RADIO TABLES

More than sixty years of making tables—and nothing but tables—combined with the largest volume of table production in the world, gives The St. Johns Table Company an advantage in production equipment, methods and costs. Our lower production costs mean that you buy better finish and better construction for the same or even less money. The capacity of the St. Johns factory assures shipments on time.



THE QUAKER No. 110R

The Quaker

No. 110R

A beautifully designed table at a popular price, accommodating practically all AC radio sets. Made of selected hardwoods, finished Antique Walnut. Top Size, 15 x 28 inches. Height, 29 inches. Shipped K. D., Packed Single in Carton. Shipping Weight, 20 pounds.



THE CHESTERFIELD No. 120R

The Puritan

No. 105R

This table is adapted to most of the small popular priced sets, such as the Crosley, Atwater Kent 37 and many others. Top Size, 14x21 inches. Height, 29 inches. Quartered Gum, finished Antique Walnut. Shipped K. D., Packed Single in Carton. Shipping Weight, 20 pounds.



THE PURITAN No. 105R

The Chesterfield

No. 120R

A very attractive piece with a hard, satiny finish accommodating most of the popular sets up to 24 inches long which includes the various Crosley and Atwater Kent models, Radiola 16, Steinite AC, Freshman, etc. Sold with or without speakers. Top Size, 14 x 24 inches, Height, 30 inches. Top and Front, 5-ply Walnut, Veneered; Balance, Gumwood; finished Antique Walnut. Shipped Set Up, Packed Single. Shipping Weight (without speaker) 50 pounds.



THE DERBY No. 121R

The Derby

No. 121R

Although primarily designed to provide accommodation for the dynamic speaker and for the smaller popular sets, this table is also furnished with cone speakers or with no speaker at all. The top size is sufficient to handle most of the popular sets. Top Size, 14 x 24 inches Height, 30 inches Top and Front, 5-ply Walnut, Veneered; Balance, Gumwood; finished Antique Walnut. Shipped Set Up, Packed Single. Shipping Weight (without speaker) 55 pounds.

PRICES ★

No. 105R The Puritan Table, Less Speaker.....	\$ 9.50
No. 110R The Quaker Table, Less Speaker.....	12.75
No. 120R The Chesterfield, Less Speaker.....	18.00
No. 120R The Chesterfield, With "Green Box" Cone Speaker.....	33.00
No. 120R The Chesterfield, With Farrand Cone Speaker.....	38.00
No. 120R The Chesterfield, With "RCA" 100A Cone Speaker.....	50.00
No. 121R The Derby Table, Less Speaker.....	20.00
No. 121R The Derby Table, With "Green Box" Cone Speaker.....	35.00
No. 121R The Derby Table, With Farrand Cone Speaker.....	40.00
No. 121R The Derby Table, With "RCA" 100A Cone Speaker.....	50.00
No. 121R The Derby Table, With Jesen Dynamic Speaker.....	75.00

ENTIRE PAGE CLASS B

★See "Instructions For Ordering" on first page

ST. JOHN'S RADIO CABINETS



The Normandy

No. 165R

This cabinet provides accommodations for practically any AC set. It will take sets as long as the Radiola 18 and as deep as 14 inches. The rope-twist legs are an especially popular feature of high grade furniture this season. Furnished with two extra panels, one plain and one cut out, to fit all sets. Sold with or without speaker. Set Compartment, 28 x 14 x 10 inches high. Height, 44 inches. Top and Front, 5-ply Walnut, Veneered; Balance, Gumwood; finished Antique Walnut. Shipped Set Up, Packed Single. Shipping Weight, (without speaker) 100 pounds.

PRICES ★

No. 165R The Normandy Cabinet, Less Speaker.....	\$47.00
No. 165R The Normandy Cabinet, With "Green Box" Cone Speaker.....	62.00
No. 165R The Normandy Cabinet, With Farrand Cone Speaker.....	67.00
No. 165R The Normandy Cabinet, With "RCA" 100A Cone Speaker.....	72.00
No. 165R The Normandy Cabinet, With Jensen Dynamic Speaker.....	102.00

The Fleur De Lis

No. 160R

This cabinet is designed to provide a maximum of cabinet at a minimum of price. The set compartment will take most of the smaller AC sets, such as Atwater Kent 37 and 38, the new Crosley models and many others. Furnished with two extra panels, one cut out and one plain, so that any set can be fitted. Sold with or without speaker. Set Compartment, 21 $\frac{3}{4}$ x 11 $\frac{1}{4}$ x 10 inches high. Height, 41 inches. Top and Front, 5-ply Walnut, Veneered; Balance, Gumwood; finished Antique Walnut. Shipped Set Up, Packed Single. Shipping Weight, (without speaker) 80 pounds.

PRICES ★

No. 160R The Fleur De Lis Cabinet, Less Speaker.....	\$34.50
No. 160R The Fleur De Lis Cabinet, With "Green Box" Cone Speaker.....	49.50
No. 160R The Fleur De Lis Cabinet, With Farrand Cone Speaker.....	54.50
No. 160R The Fleur De Lis Cabinet, With "RCA" 100A Cone Speaker.....	59.50



ENTIRE PAGE CLASS B

LUND RADIO CABINETS

Model 13

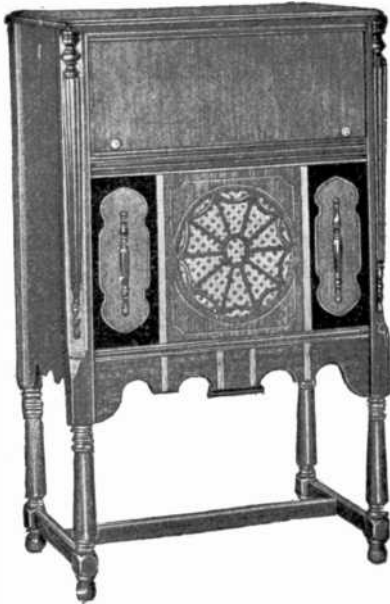
A model that is decidedly better in materials, design, construction and finish than is usually offered in cabinets at this price.

DESCRIPTION

Made of select Walnut, two-toned and highlighted. Legs ornamented with half-round turnings and overlay. Circular grill, highlighted maple turnings on side panels. Outside dimensions: 26" wide, 16½" deep, 44" high. Panel: Accommodates any size panel up to 21" wide, 8¾" high, 14" deep. Inside measurement of speaker compartment 24" wide, 14½" deep, 13½" high. Unless otherwise ordered, cabinet is shipped with blank panel on sliding pull-out mounting board. Suitable for either battery or socket power operation.

PRICES ★

Model 13 Cabinet, Less Speaker.....	\$42.00
For Molded Wood "Green Box" Cone Speaker, add.....	15.00
For Molded Wood No. 1590 Air Column Speaker, add.....	12.50
For Molded Wood No. 570 Air Column Speaker, add.....	19.00
For Rola AC No. D110 Dynamic Speaker, add.....	50.00



Model 21

Another unequalled LUND value. Takes panels up to 26" wide, and has extra large speaker compartment.

DESCRIPTION

Select Walnut ply-wood, genuine matched burl Walnut doors, two-toned and shaded. Doors swing back to sides of cabinet.

DIMENSIONS

Outside dimensions: 28" wide, 17" deep, 40" high. Panel: Accommodates any size panel up to 26" wide, 10" high, 13" deep. Inside dimensions of speaker compartment 26" wide, 12¾" deep, 19" high. Unless otherwise ordered cabinet is shipped with blank panel on sliding pull-out mounting board. Suitable for either battery or socket power operation.

PRICES ★

Model 21 Cabinet, Less Speaker.....	\$57.50
For Molded Wood "Green Box" Cone Speaker, add.....	15.00
For Molded Wood No. 1590 Air Column Speaker, add.....	12.50
For Molded Wood No. 570 Air Column Speaker, add.....	19.00
For Rola AC No. D110 Dynamic Speaker, add ..	50.00



Model 23

Our price is under all competition on cabinets of this grade.

DESCRIPTION

Doors genuine butt Walnut and swing back to sides of cabinet. Walnut ply-wood top, sides and grill. Fancy rail and stretcher. Large compartment to accommodate batteries or speaker or both.

DIMENSIONS

Outside dimensions: 24" wide, 18" deep, 48" high. Panel: Accommodates any size panel up to 21" wide, 10" high, 14½" deep. Inside dimensions of speaker space 22" wide, 14½" deep, 17" high. Unless otherwise ordered cabinet is shipped with blank panel on sliding pull-out mounting board. Suitable for either battery or electric power operation.

PRICES ★

Model 23 Cabinet, Less Speaker.....	\$55.00
For Molded Wood "Green Box" Cone Speaker, add.....	15.00
For Molded Wood No. 1590 Air Column Speaker, add.....	12.50
For Molded Wood No. 570 Air Column Speaker, add.....	19.00
For Rola AC No. D110 Dynamic Speaker, add.....	50.00



ENTIRE PAGE CLASS B

LUND RADIO CABINETS

Model 25

An ideal cabinet suitable for practically all A. C. radio receivers.

DESCRIPTION

Doors fold back to sides and are made of genuine matched burl Walnut ornamented with neat panel effect design, two oval turnings and fancy overlay at edges. Shaped apron and stretcher. Special turned legs, rugged construction, effectively shaded and high lighted.

DIMENSIONS

Outside dimensions: 24½" wide, 18" deep, 49" high. Panel: Accommodates any size panel up to 21" wide, 9¾" high, 13¾" deep. Inside measurement of speaker space 21" wide, 14" deep, 11" high. Unless otherwise ordered cabinet is shipped with blank panel on sliding pull-out mounting board.

PRICES ★

Model 25 Cabinet, Less Speaker.....	\$55.00
For Molded Wood "Green Box" Cone Speaker, add.....	15.00
For Molded Wood No. 1590 Air Column Speaker, add.....	12.50
For Rola AC No. D110 Dynamic Speaker, add.....	50.00



Model 5

Suitable for Atwater Kent, Crosley and other big selling sets. Neat design, good finish, sturdy construction.

DESCRIPTION

Selected Walnut front, top and sides. Drop leaf encloses receiver and acts as arm rest. Circular grill, fleur-de-lis and fancy wood overlay on front, hinged lift-up top, turned legs strengthened by stretcher.

DIMENSIONS

Outside measurements: 21½" wide, 15" deep, 36½" high. Panel: Accommodates any size panel up to 19¼" wide, 7½" high, 12" deep. Inside measurements of speaker space, 19" wide, 14½" deep, 11" high. Accommodates nearly all speakers including A. K. No. E-3 and Crosley Cone. Unless otherwise ordered cabinet is shipped with frame and grooves to accommodate a regular 7" x 18" panel.

PRICES ★

Model 5 Cabinet, Less Speaker.....	\$25.00
For Molded Wood "Green Box" Cone Speaker, add.....	15.00
For Molded Wood No. 1590 Air Column Speaker, add.....	12.50
For Rola AC No. D110 Dynamic Speaker, add.....	50.00



Model 117

The genuine matched butt Walnut doors which swing clear back are a special feature. Note the handsome highlighted carved mouldings which form door panels. Walnut plywood top and sides, blistered maple apron, carved frieze, turned fluted legs strengthened by fancy stretcher, hand rubbed finish.

DIMENSIONS

Outside dimensions: 25" wide, 18½" deep, 56" high. Panel: Accommodates any size panel up to 21" wide, 10¼" high, 14" deep. Inside measurements of speaker space, 21" wide, 12" high, 14" deep. Easy sliding pull-out chassis board mounted on rollers. Unless otherwise ordered cabinet is shipped with blank panel.

PRICES ★

Model 117 Cabinet, Less Speaker.....	\$84.00
For Molded Wood "Green Box" Cone Speaker, add.....	15.00
For Molded Wood No. 1590 Air Column Speaker, add.....	12.50
For Molded Wood No. 570 Air Column Speaker, add.....	19.00
For Rola No. D110 Dynamic Speaker, add.....	50.00



ENTIRE PAGE CLASS B

LUND RADIO CABINETS

Model 121

This cabinet shows the designing skill and taste of a real artist.

DESCRIPTION

Sugar Maple doors showing the beautiful natural grain of this choice wood. Doors fold back to sides and are treated with scroll work designs richly shaded in two-tone effects. Decorated sycamore frieze and apron, Walnut plywood top and sides, double stretcher with ornament.

DIMENSIONS

Outside dimensions: 26½" wide, 19" deep, 55" high. Panel: Accommodates any size panel up to 21" wide, 10½" high, 14½" deep. Inside measurements of speaker compartment 22½" wide, 10" high, 14½" deep. Easy sliding pull-out chassis board mounted on rollers. Unless otherwise ordered cabinet is shipped with blank panel.

PRICES ★

Model 121 Cabinet, Less Speaker.....	\$85.00
For Molded Wood "Green Box" Cone Speaker, add.....	15.00
For Molded Wood No. 1590 Air Column Speaker, add.....	12.50
For Rola No. D110 Dynamic Speaker, add.....	50.00



Model 19

DESCRIPTION

The genuine butt Walnut two-toned drop leaf and artistic grill work give this cabinet unusual eye value. Walnut plywood top and sides, excellent finish. Drop leaf encloses receiver and acts as arm rest.

DIMENSIONS

Outside dimensions: 25½" wide, 16½" deep, 40" high. Panel: Accommodates any size panel up to 21" wide, 10" high, 13½" deep. Inside measurement of speaker compartment 23" wide, 14" high, 20" deep. Unless otherwise ordered cabinet is shipped with blank panel on sliding pull-out mounting board. Suitable for either battery or socket power operation.

PRICES ★

Model 19 Cabinet, Less Speaker.....	\$45.00
For Molded Wood "Green Box" Cone Speaker, add.....	15.00
For Molded Wood No. 1590 Air Column Speaker, add.....	12.50
For Molded Wood No. 570 Air Column Speaker, add.....	19.00
For Rola No. D110 Dynamic Speaker, add.....	50.00



Model 123

Not until you see this cabinet can you appreciate its exceptional beauty.

DESCRIPTION

One-quarter diamond matched mahogany on doors artistically highlighted and shaded; also ornamented with a beautiful floral inlay. Mottled mahogany apron and frieze. Five-ply Walnut top, Walnut plywood sides and grill.

DIMENSIONS

Outside dimensions: 26" wide, 19" deep, 54½" high. Panel: Accommodates any size panel up to 21" wide, 10½" high, 14½" deep. Inside measurements of speaker compartment 22½" wide, 10" high, 14½" deep. Easy sliding pull-out chassis board mounted on rollers. Unless otherwise ordered cabinet is shipped with blank panel.

PRICES ★

Model 123 Cabinet, Less Speaker.....	\$90.00
For Molded Wood "Green Box" Cone Speaker, add.....	15.00
For Molded Wood No. 1590 Air Column Speaker, add.....	12.50
For Rola No. D110 Dynamic Speaker, add.....	50.00



ENTIRE PAGE CLASS B



LUND RADIO CABINETS

Model 119

Doors fold to sides and are of genuine matched butt Walnut, shaded just right and neatly paneled. Specially designed frieze and apron of Zebra wood, Walnut plywood top and sides. The attractive design of legs and stretcher merit particular attention. Hand rubbed and highlighted finish.

DIMENSIONS

Outside dimensions: 26" wide, 19" deep, 57" high. Panel: Accommodates any size panel up to 21" wide, 10" high, 14" deep. Inside measurement of speaker compartment 22" wide, 10" high, 14" deep. Easy sliding pull-out chassis board mounted on rollers. Unless otherwise ordered cabinet is shipped with blank panel.



PRICES ★

- Model 119 Cabinet, Less Speaker..... **\$92.00**
- For Molded Wood "Green Box" Cone Speaker, add..... **15.00**
- For Molded Wood No. 1590 Air Column Speaker, add..... **12.50**
- For Rola No. D110 Dynamic Speaker, add..... **50.00**

Model 3 Speaker Table

Table is suitable in size and construction for practically all of the best selling sets on the market.

DESCRIPTION

Table has selected five-ply Walnut top, also Ply-Walnut front and end rails. Grill and silk in front of speaker, turned legs supported by neat stretcher, strong construction and excellent finish.

DIMENSIONS

Size of top 24" x 14", height 29".



PRICES ★

- Model 3 Table, Less Speaker..... **\$14.00**
- For Molded Wood "Green Box" Cone Speaker, add..... **15.00**
- For Molded Wood No. 1590 Air Column Speaker, add..... **12.50**

Model 125

DESCRIPTION

Bent Walnut top as illustrated. Selected Walnut plywood sides, genuine matched butt Walnut doors with carved moulded panels and half round turning. Sugar maple burl apron, carved burl maple frieze, and ornamental overlay at top, shading and highlighting beautifully blended. Doors fold back against sides.

DIMENSIONS

Outside dimensions: 28" wide, 19½" deep, 56" high. Panel: Accommodates any size panel up to 21" wide, 10½" high, 14½" deep. Inside dimensions of speaker compartment 22½" wide, 9" high, 15" deep. Easy sliding pull-out chassis board mounted on rollers. Unless otherwise ordered cabinet is shipped with blank panel.



PRICES ★

- Model 125 Cabinet, Less Speaker..... **\$98.50**
- For Molded Wood "Green Box" Cone Speaker, add..... **15.00**
- For Molded Wood No. 1590 Air Column Speaker, add..... **12.50**
- For Rola No. D110 Dynamic Speaker, add..... **50.00**

ENTIRE PAGE CLASS B

ASTON RADIO CABINETS

ALL ASTON CABINETS are fully guaranteed to be of first-class material and workmanship and to give entire satisfaction which guarantee is backed up by fifteen years of experience in making High Grade Cabinets. The quality goes in before the trademark goes on. We are in a position to cut or bore our mounting panels for any set. (No charge for this service.) In order to prevent mistakes, we prefer that you furnish us with a sketch showing size of holes and where to be bored, or where cut-out is to be made. Horns or Speakers of almost any make we can secure and install in Aston Cabinets if desired. Horn and Speaker Manufacturers list prices subject to the same discounts as Aston Cabinets. No charge for installation. Explicit shipping instructions should be furnished. In the absence of same we will use our best judgment in the selection of routes. All radio cabinets are very carefully inspected before leaving the factory, wrapped and crated in good strong crates, and are signed for by the Railroad Company's agent in perfect condition and should so reach destination. If you discover any damage, have Railroad Company's agent make proper notations on your freight bill and file claim. Shipments from Chicago, Illinois.

Number 203 "Maple"

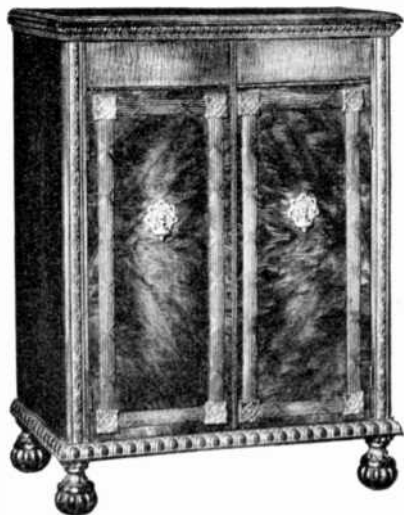
Most impressive in its simplicity of design! Of five-ply Walnut throughout; face of highly figured matched Butt Walnut. Curly maple top border. Front doors inset with ornamental pulls. Finish, lacquer satin with interior grille polychromed.

SPECIFICATIONS

	Height	Width	Depth
Cabinet Size.....	43 in.	31½ in.	20 in.
Set Compartment.....	10 in.	28½ in.	16 in.
Mounting Panel.....	10 in.	26½ in.	
Speaker Compartment.....	24¼ in.	28½ in.	16¾ in.

Speaker baffle board installed if desired.
Approximate Shipping Weight 135 pounds.

List Price \$110⁰⁰ ★



Number 216 "Gothic"

Unmatched beauty in its particular field of true Gothic period design. This beautiful cabinet is made of the very best five-ply Walnut, lacquer satin finish, sunken panel framed doors, resembling church windows of Gothic architecture, doors fold back against the sides, exquisite overlays of dark Walnut with carvings in full harmony, lower compartment with full length drop door. Solid Walnut legs artistically fluted and joined with a carefully shaped and proportioned stretcher. A sliding tray is provided for the radio. Back of Cabinet is fitted with a removable framed woven wire cloth window for the emission of back waves. Speaker baffle board installed if desired.

SPECIFICATIONS

	Height	Width	Depth
Size Overall.....	63 in.	37 in.	22 in.
Set Compartment.....	10 in.	30¼ in.	16 in.
Mounting Panel.....	10 in.	30¼ in.	
Speaker Compartment.....	19 in.	30¼ in.	16¾ in.
Lower Compartment.....	13½ in.	31 in.	18 in.

Approximate shipping weight 212 pounds.

List Price \$275⁰⁰ ★



ENTIRE PAGE CLASS B

ASTON RADIO CABINETS



Number 218 "Egyptian"

Designed along Egyptian lines, exquisite, the natural constant beauty is undisputed. There is a "feel of the wood" that the eye caresses, as the fingers do old velvet or fine silk. Of a size to meet the present demand of small apartments, staunchly built of select five-ply Walnut. Doors of beautifully figured matched Walnut which fold back against the sides. Carved legs joined with a pleasingly designed stretcher. Sliding tray for Radio, making easy access to the set. A sliding shelf provided, which can be used as an arm rest, is found very convenient when operating the radio. Back of Cabinet is fitted with a removable framed woven wire cloth window for the emission of back waves. Speaker baffle board installed if desired.

SPECIFICATIONS

	Height	Width	Depth
Size Overall.....	57 in.	32½ in.	18 in.
Set Compartment.....	9 in.	28½ in.	13 in.
Mounting Panel.....	9 in.	28½ in.	
Speaker Compartment.....	13 in.	28½ in.	13½ in.

Approximate shipping weight 163 pounds.



List Price \$175⁰⁰ ★



Number 214 "Hercules"

The crowning achievement. The premier! A masterpiece of cabinet craftsmanship! Richly embellished with heavily carved decorations and ornaments which intensify and make even more beautiful the markings in the figured matched butt Walnut, of which the whole face of this marvelous piece is fashioned. A sliding tray is provided for the radio set, making access to the set very easy by simply pulling forward. The added feature of a sliding shelf which can be used as an arm rest is found very convenient when operating the radio. The lower compartment is equipped with a shelf which provides ample room for storage if desired. Entire cabinet is of Walnut, five-ply. Finish is lacquer satin; carvings and mouldings in a soft shade to give an antique appearance; grille (in upper compartment) polychromed.

SPECIFICATIONS

	Height	Width	Depth
Cabinet Size.....	62¼ in.	38¾ in.	19¾ in.
Set Compartment.....	9 in.	30 in.	14½ in.
Mounting Panel.....	9 in.	30 in.	
Speaker Compartment.....	21½ in.	32¾ in.	14½ in.

Ample space for any horn or speaker requirements. Speaker baffle board installed if desired. Approximate shipping weight, 260 pounds.



List Price \$300⁰⁰ ★

ENTIRE PAGE CLASS B

ASTON RADIO CABINETS

Number 217 "English"



Majestic and charming in its appearance, an Old English period design not so severe in lines as known to this particular class of exclusive furniture but expressing the spirit of the present day in the application of simple mouldings and carvings, making it a furniture piece of distinction. Five-ply select Walnut, heavy framed doors. Lacquer satin finish. Most graceful are the solid Walnut turned legs, strengthened by just the correctly designed stretcher. A sliding tray is provided for the radio set. Back of Cabinet is fitted with a removable framed woven wire cloth window for the emission of back waves. Speaker baffle board installed if desired.

SPECIFICATIONS

	Height	Width	Depth
Size Overall.....	72 in.	36 in.	20 in.
Set Compartment.....	8½ in.	29 in.	15¼ in.
Mounting Panel.....	8½ in.	29 in.	
Speaker Compartment... .	28 in.	29 in.	16 in.

Approximate shipping weight 210 pounds.

List Price \$325⁰⁰ ★



Number 215 "French"



A masterpiece of artistic splendor in French design, which might well grace the most fastidious home—a striking example of furniture art. Five-ply select Walnut, lacquer satin finish, imported inlays of genuine Mother of Pearl in a background of Ebony and Satinwood, sunken old English Burl Oak door panels inlaid with marquetry of a pleasing design and combination of natural wood colors, doors fold back against the sides, sunken fall panel of diamond matched old English Burl Oak. Ivory pulls, an unusually attractive polychromed grille, beautifully carved solid Walnut base. A sliding tray is provided for the radio set, making access to the set very easy. Back of Cabinet is fitted with a removable framed woven wire cloth window for the emission of back waves. Speaker baffle board installed if desired.

SPECIFICATIONS

	Height	Width	Depth
Size Overall.....	67½ in.	38¾ in.	21¼ in.
Set Compartment.....	8½ in.	28¾ in.	16 in.
Mounting Panel.....	8½ in.	28¾ in.	
Speaker Compartment... .	25 in.	32¼ in.	16½ in.

Approximate shipping weight 210 pounds.

List Price \$475⁰⁰ ★



ENTIRE PAGE CLASS B

THE R-B-M VOLTAGE REGULATOR



The R-B-M Voltage Regulator is a necessity on every AC set in order to obtain 100% results in the way of tone quality, volume, distance and even more important still, to get the satisfactory life out of AC Tubes. It is small, neat, beautifully finished and attaches to the set in just a few seconds time without the use of tools or meters, or the connecting of any wires other than plugging it into the power socket. It can be placed in any convenient position.

Its Construction

The R-B-M Voltage Regulator will step low line voltage up to 110 volts or reduce high line voltage to 110 volts. This feature is accomplished by the use of a transformer so well designed and of such ample proportions that there is no heating no matter how long it is used. The transformer is constructed with eight taps which are controlled by an eight point switch. This switch is connected with a relay buzzer adjusted to operate at 110 volts. By turning the switch knob you bring into play, one at a time, one of these taps. When the tap that gives you 110 volts is reached the relay buzzes, indicating that you have the correct voltage. The instant you take your hand off the switch knob a spring releases the contact with the relay and it stops buzzing. In other words the 110 volts indicating device is automatic in its operation. With this arrangement any person can install and operate the R-B-M Voltage Regulator.

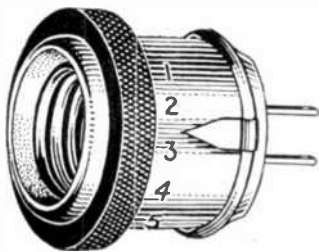
How It Is Installed

To install the R-B-M Voltage Regulator, you plug the power cord on the regulator into any convenient 110 volt A C outlet, then plug the power cord from your radio set into the outlet on the top of the regulator.

PRICES

Type 60 for 110 Volt 60 Cycle AC Current	\$10.00
Type 25 for 110 Volt 25 Cycle AC Current	12.50

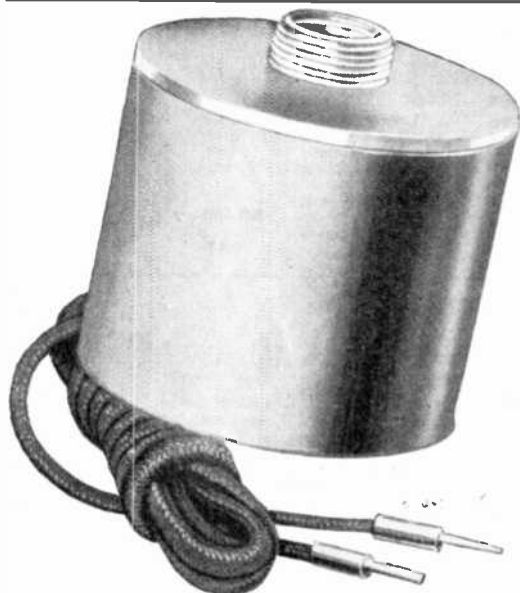
CLASS B



Install a Wirt voltage regulator and quit burning out those \$5.00 AC detector tubes. Can be installed in ten seconds simply by plugging into the line socket and plugging the cord from the set or AC equipment into the regulator. The voltage is controlled by the knurled knob. AC sets and equipment are designed for use on 110 volt current. Many cities have current that runs as high as 120 volts and with surges reaching up to 135 volts. The Wirt voltage regulator can be set at any point desired and will hold the voltage at the amount required.

List Price **\$2.25** Class C

Fairfax Green Cap Unit



Expressly built to withstand the power of modern AC operation. Will stand output of largest power amplifier without distortion and retain the full range of tonal frequency. It remains constant in its faithful reproduction of voice and music, under the most severe tests. The uniformity of its production, incorporating the best materials and workmanship that money can buy, gives to it that volume, quality of reproduction, permanence and durability that guarantees to the listeners, the faintest whisper as well as the tumult of the crowd. The "GREEN CAP" unit challenges competition. It is ideally adapted to home as well as auditoriums of every kind furnishing public announcements and amusements. We could write a volume telling about the superior engineering, about the wonderful diaphragm; the extraordinary magnet; the special coil construction and ten or twelve other vital improvements incorporated in Fairfax "GREEN CAP" unit, BUT the proof of these things is only to be determined from the quality of reproduction in actual radio operation and test. We cordially invite the most exacting test of the Fairfax Units, in comparison with any others of the highest type. We unhesitatingly guarantee the Fairfax Unit to furnish the best radio reproduction available especially when used in combination with the justly famous Molded Wood Tone Chambers. An unqualified guarantee of satisfaction, workmanship, and material goes with each unit.

List Price **\$6.00** Class B

Approved Radio Products

Resistances



Dependable wire wound construction, run true to rating and provided with convenient screw eye and soldering lug terminals for easy mounting and wiring. Additional resistances, not listed, of a related type will be furnished on order.

Cat. No.	Res. Ohms	Car. Cap. Amp.	Mount. Centr.	Pr.
801	1	1	1 1/2"	\$0.15
802	2	1	1 1/2"	.15
803	3	.75	1 1/2"	.15
804	4	.6	1 1/2"	.15
805	5	.6	1 1/2"	.15
806	6	.5	1 1/2"	.15
807	7	.4	1 1/2"	.15
808	8	.4	1 1/2"	.15
809	9	.4	1 1/2"	.15
810	10	.4	1 1/2"	.15
815	15	.35	1 1/2"	.15
820	20	.3	1 1/2"	.15
825	25	.275	1 1/2"	.15
830	30	.275	2 1/2"	.15
840	40	.275	2 1/2"	.15
850	50	.150	1 1/2"	.15
860	60	.150	1 1/2"	.15
8100	100	.125	1 1/2"	.25
8200	200	.080	1 1/2"	.25
8300	300	.075	2 1/2"	.25
8400	400	.075	3 1/2"	.25

Grid Resistances	Res.	Car. Cap.	Mount.	Pr.
7100	100	40	1 1/2"	.25
7200	200	40	1 1/2"	.25
7300	300	25	1 1/2"	.25
7400	400	25	1 1/2"	.25
7500	500	25	1 1/2"	.25
7600	600	25	1 1/2"	.35
7700	700	25	1 1/2"	.35
7800	800	25	1 1/2"	.35
71000	1000	25	1 1/2"	.35
71500	1500	25	2 1/2"	.35
72000	2000	25	2 1/2"	.35
73000	3000	25	4"	.35

Carrying capacity expressed in mills.

Panel Light



A great convenience for every receiving set. Illuminates the dials so that the operator is not dependent upon the illumination of the room for light. Handsome reflector and socket. Mounts in a single 1/2" panel hole. Easily wired.

No. 330 Panel Light..... **\$0.50**
Lamps, extra..... **.20**

Duplex Plug



Polished Bakelite Handle. Screw terminals with coin slots and tie cord clips.

No. 75 Duplex Plug..... **\$0.50**

Extension Jack

Quickly connects extension cord or wire so that Loud Speaker or Head Phones may be plugged in at a point distant from receiving set.



No. 100 Extension Jack..... **\$0.75**

Midget Jack



Midget Plug



Serve the same purposes as the Pup Jacks and Plugs, only larger in size. Mount in 3/4" panel hole.
No. 16 Midget Jack..... **\$0.30**
No. 15 Midget Plug..... **.15**

YAXLEY



Full Automatic Power Control

Every owner of a battery operated set should own one of these Automatic Power Controls. The Full Automatic Power Control controls the switching of the B power supply and high rate charger or either, when the filament is turned on or off. When the set is turned on the B power supply is cut in and the charger is cut out. The reverse takes place when the set is turned off. Your battery is always kept charged; but not overcharged. Your set will therefore operate at the greatest efficiency.

No. 440 Full Automatic Power Control..... **\$7.50**

Radio Convenience Outlets in



Yaxley Radio Convenience Outlets will give you great satisfaction. They will enable you to bring in your aerial and ground connections; place loud speakers in any room of the house; to place your batteries in any out-of-the-way place; and bring the wires to your set without marring the furniture or woodwork or disfiguring the inside or outside of the house with dangling wires. There is a convenience outlet for every radio need. Finished in brushed brass, Bakelite, or special finishes.

- No. 136 Aerial and Ground Connections..... **\$1.00**
- No. 135 Loud Speaker Connections... **1.00**
- No. 138 For AC Connections..... **1.00**
- No. 137 For Battery Connections..... **2.50**

Junior Jacks

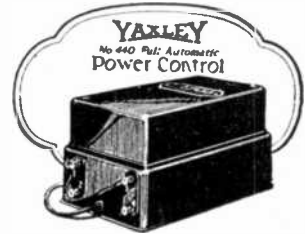


The Junior Jack is for the set builder who wants the best results in a minimum space. Extends 1 1/4 inches behind panel.

- No. 701 Open Circuit..... **\$0.40**
- No. 702 Circuit Closing..... **.55**
- No. 702A Two Circuit..... **.55**
- No. 703 Single Circuit Filament Control... **.65**
- No. 703A Circuit Reversing..... **.65**
- No. 703C Double Circuit..... **.65**
- No. 704 Interstage..... **.75**
- No. 704A Two Circuit Filament Control.... **.75**
- No. 705 Two Circuit Filament Lighting... **.85**
- No. 706 Interstage Filament Control..... **.95**
- No. 707 Interstage Filament Lighting..... **1.05**

Approved Radio Products

Automatic Power Control



The Series Type Automatic Power Control is designed primarily for use in conjunction with a trickle or low rate charger where there is little or no chance of overcharging the A battery. Now furnished with new construction, exclusively Yaxley, that keeps the voltage drop less than two-tenths (2/10) volts, when used with DC sets having a current draw equivalent to six 199 type of tubes up to eleven 201 type of tubes. Complete instructions for installing packed in each box.
No. 444 Series Type Automatic Power Control..... **\$5.00**

Radio Convenience Outlets In Gang Combinations

Gang combinations of two or more single Radio Convenience Outlets can be furnished in the following combinations and also in special gangs upon request.



No. 235..... **\$2.00**
For Two Loud Speaker Connections



No. 239..... **\$3.50**
For Loud Speaker and Battery Connections



No. 241..... **\$2.00**
For Aerial and Ground and AC Connections



No. 242..... **\$2.00**
For Loud Speaker and AC Connections



No. 350..... **\$4.50**
For Loud Speaker, Aerial and Ground and Battery Connections



No. 353..... **\$3.00**
For Loud Speaker, Aerial and Ground and AC Connections

Knobs

A handsome Knob, black polished Bakelite with a white arrow. Mounts on 1/2-inch shaft. For Rheostats, Potentiometers, etc.
No. 367 1 1/2-inch Diameter..... **\$0.20**
No. 368 1 1/4-inch Diameter..... **.15**



JACKS



All Bakelite insulation. Mount in single 1/2" panel hole without adjusting collars. Bakelite insulating washers furnished on order for mounting on metal panels. Fit any standard radio plug.

- No. 1 Open Circuit..... **\$0.50**
- No. 2 Circuit Closing..... **.60**
- No. 2A Two Circuit Filament Control... **.60**
- No. 3 Single Circuit Filament Control... **.70**
- No. 3A Circuit Reversing..... **.70**
- No. 3C Double Circuit..... **\$0.70**
- No. 4 Interstage..... **.80**
- No. 4A Two Circuit Filament Control... **.80**
- No. 5 Two Circuit Filament Lighting... **.90**
- No. 6 Interstage Filament Control... **1.00**
- No. 7 Interstage Filament Lighting... **1.10**

ENTIRE PAGE CLASS B

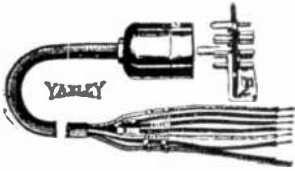
Always Give Complete Description When Ordering

Approved Radio Products



Approved Radio Products

Cable Connectors



You can buy no better radio convenience than Yaxley Cable Connector Devices—with them you get both utility and complete satisfaction. The chassis can be connected and disconnected quickly and conveniently from power pack or batteries—the plugs cannot be put together improperly. Bakelite construction. All terminals and cable ends plainly marked.

Complete with cable and cable markers. Mounting plate mounts on base panel by means of bracket or bracket may be removed and plate fastened to sub or back panel.

No. 660 Complete—7 Conductor..... **\$3.00**

612 Cable Connector



Has the same characteristics as the No. 660, excepting 12 conductors. Cable length, 4 feet. Six conductors, two pair being twisted, for AC leads are No. 14 wire.
No. 612 Complete..... **\$5.00**

670 Cable Connector



The No. 670 Binding Post Type Cable Connector Plug with 7 conductors is illustrated above. Especially for use on sets with binding posts and to serve as a seven conductor connector.
No. 670..... **\$3.50**

Junior Jack Switches



The Junior Jack switches are exactly the same in every respect excepting size as the standard Yaxley Jack Switch. For use in sets where space is at a premium.

No. 720 Battery Switch..... **\$0.70**
No. 730 Two Circuit..... **.85**
No. 740 Double Circuit..... **.95**
No. 745 Five Spring..... **1.10**
No. 760 Two Way Two Circuit..... **1.20**

See Standard Jack Switches for spring combinations.

Pilot Light Bracket



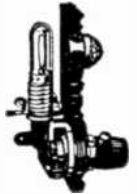
Has the same characteristics as the Pilot Light Switch excepting it is intended for sets which are already equipped with a filament switch.

No. 310 Pilot Light Bracket.. **\$0.50**
Lamps, extra..... **.20**
Red, Green or Amber Jewels Optional

Pilot Light Switch

Save a needless drain on your batteries and lengthen the life of your tubes by knowing if the set is turned off after the station has signed off. The signal light warns you that the set is on.

No. 210 Pilot Light Switch.. **\$0.75**
Lamps, extra..... **.20**



Air-Cooled Rheostat

Here is the Rheostat with the velvet smooth action and the fine adjustment of a master instrument. Base of Bakelite. Mounts in a single $\frac{1}{4}$ " panel hole. Furnished complete with Bakelite knob, in sizes from 2 to 100 ohms. Rheostat complete with knob..... **\$1.35**
Potentiometer 200 and 400 ohms..... **1.75**



Junior Rheostats



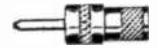
Small in size these Junior Rheostats are efficient in operation and of standard Yaxley construction. The contact arm rides smoothly on the resistance strip and permits an exceedingly fine adjustment for so small an instrument. An extra heavy metal base and retaining cup help dissipate heat, retarding overheating. Mount in a single $\frac{1}{8}$ " panel hole. Complete with Bakelite knob. Furnished in sizes from 1 to 400 ohms and 1000 ohms.

Junior Rheostats with knob, ratings up to 400 ohms..... **\$0.75**
No. 51000—1000 ohms..... **1.00**
Junior Potentiometer—Same values as Junior Rheostats.

Add **25c** to Junior Rheostat Prices.

Pup Jack

Pup Plug



The ideal Jack for Loud Speaker connections and for use as binding posts, for connecting Battery Leads, Ground, Antenna, etc. Mount in $\frac{1}{4}$ " panel hole.

No. 416 Pup Jack, per pair..... **\$0.25**
Pup Plug—Designed especially for use with the Pup Jack and to serve as a Phone Tip without soldering.
No. 415 Pup Plug..... **\$0.10**

Inductance Switches



This little switch answers every requirement for a dependable tap switch. Perfect contact assured. Furnished complete with neat dial plate and bakelite knob.

No. 44 4 Point..... **\$0.75**
No. 70 7 Point..... **.80**
No. 90 9 Point..... **.90**

Midget Battery Switch



Small in size and thoroughly dependable. One nut mounting in a single panel hole. Fit standard thickness panel. Springs equipped with pure silver, self-cleaning contact points.

No. 10 Midget Battery Switch..... **\$0.50**

Name Plates

Eliminates engraving on panel. Markings:
Telephone Radio 1-Stage 2-Stage
Loud Speaker Detector Off-On 3-Stage L-S
Off-Soft-Loud

Price, each..... **\$0.05**

Switch for Junior Rheostat



This special switch fits any Yaxley Junior Rheostat. Can easily be attached without tools. Positive in action.

No. 500 Switch..... **\$0.40**

JACK SWITCHES

All Bakelite insulation. Mount in single $\frac{1}{4}$ " panel hole without adjusting collars. Bakelite insulating washers furnished on order for mounting on metal panels. Fit any standard radio plug. The well made switch assures positive connection, always.

No. 20 Single Pole, Single Throw..... **\$0.75**
No. 30 Single Pole, Double Throw..... **.90**
No. 40 Double Pole, Single Throw..... **1.00**
No. 45 Five Springs, Combining Nos. 20 and 40..... **1.15**
No. 60 Double Pole, Double Throw..... **1.25**
No. 63 Three Pole, Double Throw..... **1.60**
No. 64 Four Pole, Double Throw..... **2.00**

Cable Markers



Identify your wires immediately with these easily read markers; convenient to attach. Each marker snugly hugs the wire so that the wire may be drawn through small opening. Packed in boxes, each box containing set of sixteen markers as follows:

A +	B + Amp.	C -	A - C +
A -	B + RF.	C - 4 1/2	A + B -
B -	B + PR.	C - 9	ANT.
B + Det.	C +	C - Pr.	GRD.

Per Set..... **\$0.25**

Insulated Phone Tip Jacks



The distinctive Phone Tip Jacks with the insulated colored caps—red for the positive side of the loud speaker, black for the negative, a wonderful advantage. Cap is of Bakelite. Take standard Phone Tips. Phone Tips nest all the way in Jack.

No. 422 Insulated Phone Tip Jacks, Per Pair.. **\$0.25**

ENTIRE PAGE CLASS B

Service That Satisfies

The "Wilcox" Little Theatre Table Speaker



TYPE R

A speaker Table of dainty grace, making a very attractive combination with an Atwater Kent, Steinite, or any other receiver of similar size.

This Table is 23½ inches long; 14¾ inches deep and 27½ inches high. It houses an orthophonic air column speaker nine feet in length. The speaker is equipped with a Fairfax Green Cap unit. It can be furnished in Green, Chinese Red, Bronze, Black and Gold and in Walnut, the Walnut being equipped with a grille. The type RB, in Bronze, is made especially for the model 37 Atwater Kent and matches it beautifully.

The top center is daintily decorated with a flowered design and it will make an attractive table if not used to hold the set.

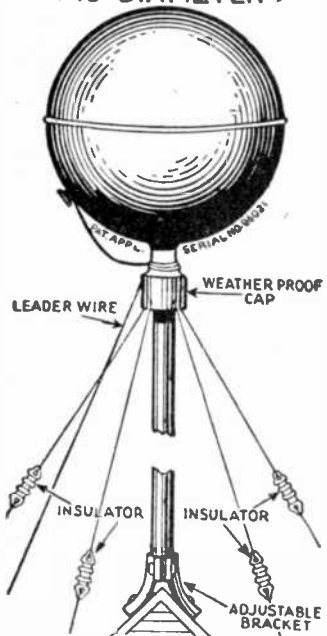
Type RR Chinese Red.....	\$37.50
Type RG Green.....	37.50
Type RBG Black and Gold.....	37.50
Type RB Bronze.....	37.50
Type W Walnut, with grille.....	40.00

CLASS B



TYPE W

← 10" DIAMETER →



IDEAL BALL UMBRELLA AERIAL

The Ideal Ball Aerial

Longer Distance—Better Reception

Less Static! Increased Selectivity! All-Directional! Made of pure copper, with inner booster coil increasing aerial capacity. Nickel plated and highly polished.

No Set Is Better Than Its Aerial

Poor radio reception in most cases has been traced to the aerials. In comparative tests, the IDEAL BALL AERIAL has proven its superiority over any other aerial. It is the one aerial that has been highly recommended for better reception and longer distance.

Endorsed By Experts

Men experienced in the science of Radio have heartily endorsed the IDEAL BALL AERIAL after putting it to severe tests. Under the most adverse weather conditions this aerial has achieved marvelous results.

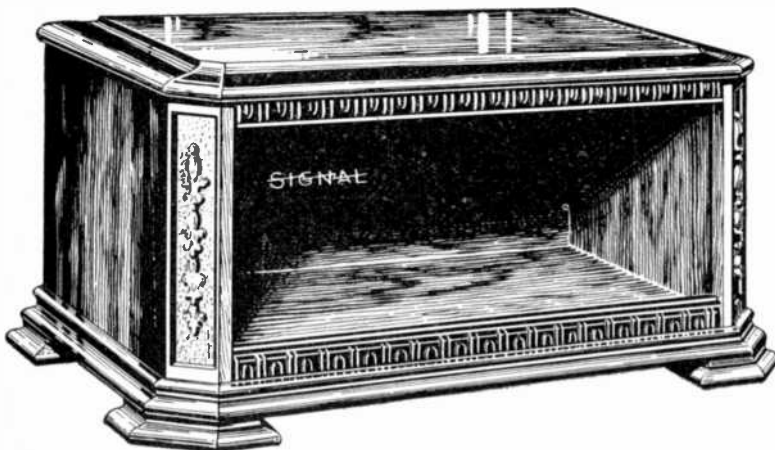
This Aerial will prove that your radio set can do what you never thought it could—and do it well.

PRICES

Ideal Ball Aerial with insulator and weatherproof cap.....	\$7.50
Ideal Ball Aerial complete with adjustable roof mast base, four porcelain insulators, fifty feet copper wire, ground clamp, and window lead-in	9.00

CLASS B

Signal Type W-D Walnut Cabinets



Type WD Cabinets are made of selected walnut veneer and solid walnut, and finished in a beautiful shade of antique walnut lacquer, shaded to harmonize with the latest furniture creations.

All panel sizes are 7 in. but the upper and lower strip can be removed to make a panel opening 8 in. or 9 in.

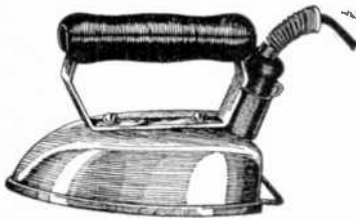
PRICES

Type WD1 for 7"x18" panel 12" deep.....	\$15.00
Type WD2 for 7"x21" panel 12" deep.....	17.00
Type WD3 for 7"x24" panel 12" deep.....	18.00
Type WD4 for 7"x26" panel 12" deep.....	19.00
Type WD5 for 7"x28" panel 12" deep.....	20.00
Type WD6 for 7"x30" panel 12" deep.....	21.00

CLASS B

SUPERIOR ELECTRIC HOUSEHOLD APPLIANCES

No. 90 Six-Pound Iron



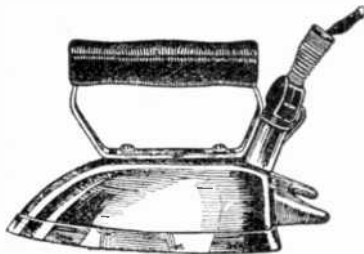
This beautiful full-sized iron has features found not even in the most expensive makes, as will be noted in the specifications. Construction of the Superior Glide Easy Iron is scientifically correct and the excellence of its element insures many years of satisfaction. The Superior Glide Easy Iron is a logical iron for larger sales. Its wonderful quality and appearance makes it a value easily recognized and the goodness of the iron itself is your guarantee of satisfied customers.

SPECIFICATIONS

Nichrome element—Base, polished glass smooth—New approved attached iron rest—Finest nickel finish, beautifully polished—Handsome rubberoid handle, which fits the hand comfortably—Full length heavy heater cord, equipped with reliable appliance plug and two-piece attachment plug—Weight, packed, 6½ pounds each.

List Price, \$2.75

No. 85 Six-Pound De Luxe Iron



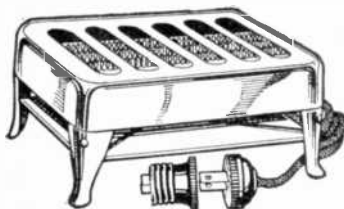
The very utmost in Electric Flat-irons. Not one cent has been spared in making this a superior iron in every respect. It is beautiful in appearance and massive in construction. Its graceful lines appeal to the eye and, as a result, it outsells all other irons of much higher price. All the resources of the Superior Electric Products Company are in back of this appliance and we stake our reputation that its value cannot be equalled.

SPECIFICATIONS

Guaranteed nichrome element—Long tapering point—Massive plug guard and new approved heel rest or heavy nickeled double deck steel stand—Beautifully nickel-plated and hand polished black rubberoid finished handle that fits the hand—Base glass smooth, highly polished—Full length No. 18 Asbestos-covered heater cord with appliance plug and two-piece attachment plug. Weight, packed, 6½ pounds each—Packed one iron to carton, twelve cartons to the shipping case. Guaranteed one year.

List Price, \$3.50

No. 10 Table Stoves



This item has scored an instant success because of its great efficiency and durability, combined with graceful design and beautiful finish. Few articles can be adapted to such a wide variety of practical uses as this wonderful little item. It can be used as a toaster, to boil coffee, and as a general utility grill in the home, office or factory. It is very simple in design, but is made of the best materials, heavily nickel-plated and highly polished, which together with its graceful design makes it a trader-getter and a money-maker for every jobber and retail merchant who handles it.

SPECIFICATIONS

Nichrome element—two-piece plug—Full length cord, protected by asbestos sleeves—Finished in highly polished nickel—Guaranteed one year. Size: 6½x5½x3 inches. Weight, 1¼ pounds.

List Price, \$1.10

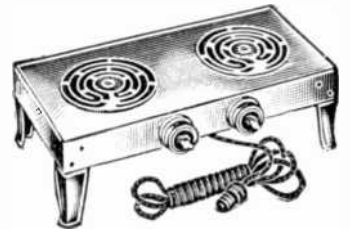
No. 500 Percolator (8-9 Cup)



This handsome Colonial Percolator is made of best grade aluminum, polished to a beautiful mirror-like lustre. Heating element is constructed of the finest nickel chromium wire and is unusually efficient and durable. Will make up to nine cups of delicious coffee in 10 to 20 minutes. Complete with universal appliance plug, six feet of cord and full size two-piece attachment plug. Heating element guaranteed for a year, but with proper care should last many years. Shipping weight, each, 4½ pounds. Six per shipping case.

List Price, \$6.50

Two-Burner Table Stoves



The Superior Table Stove No. 52 is without a question, the handsomest and most salable item of its kind on the market. It is adaptable to any number of uses and for the modern home or flat is almost indispensable. The beautiful appearance of this number makes it entirely practical to use the stove at the dining table. Women everywhere are delighted with it because of its convenience and good looks. Its handsome finish makes it very attractive on display and it quickly catches the eye. Its apparent usefulness and extraordinarily low price assures a good volume of business.

SPECIFICATIONS

Two nichrome elements set in best quality porcelain plates—Two indicating rotary snap switches—Full length asbestos heater cord—Two-piece attachment plug—Metal is extra heavy cord rolled steel—Beautifully finished and polished—Bottom of stove enclosed in metal—Absolutely safe—Guaranteed one full year. Packed in individual fibre cartons for shipping—Weight, packed, 9½ pounds each. Specifications of No. 53 Stoves are the same as No. 52 Stove shown above, excepting that three terminal pins are used in place of each snap switch. No. 53 Stoves come equipped with double appliance plugs so that one or both burners can be used on either high or low heat. Three-heat stoves equipped with high, medium, low, and off, indicating snap switches.

PRICES

No. 52	(1 Heat), List	\$6.50
No. 52X	(3 Heat), List	8.50
No. 53	(2 Heat, No Switches), List	6.00
No. 52B	(1 Heat), List	5.50
No. 52BX	(3 Heat), List	7.50
No. 53B	(2 Heat, No Switches), List	4.75

No. 601 Waffle Iron



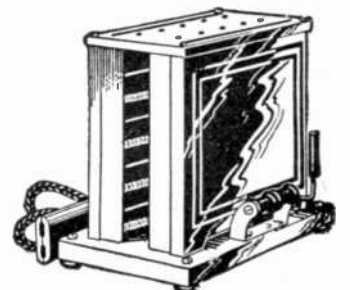
The ultimate in an Electric Waffle Iron. The best that money can buy. Best in design, workmanship and material, liberal in size, with special features such as overflow ring and expansion hinge, which permits waffle dough to rise freely and thus assures a fluffy waffle. Its EXTRA LIBERAL size and beautifully nickeled surface causes it to outsell all other makes. THE GREATEST VALUE WE HAVE EVER OFFERED.

SPECIFICATIONS

Heavy die cast, glass smooth, greaseless aluminum grid, grooved to catch overflow of dough—Finest nickel chromium element—Full length No. 18 heater cord with appliance plug and two-piece plug—Handsome black rubberoid paneled handles and black fibre feet—Beautifully nickeled and hand polished—Expansion hinge—Bottom fully enclosed—Massive design. Packed one to carton—Weight, packed, 6 pounds—Six packed to the shipping case—Weight packed, 42 pounds. Guaranteed one year.

List Price, \$7.50

No. 77 Oven Toaster



Simply slide in a slice of bread and in less than a minute it is nicely toasted on both sides. Lightly press a small lever and out pops the toast, deliciously hot. Superior Toaster No. 77 (Oven Type) is not only a beautiful appliance, but is the most efficient and quick-acting toaster on the market. It toasts any size slice of bread even to the large Bond Bread slice, and it toasts it evenly and quickly. What's more, the bread is piping hot and not half cold as when toasted on the old fashioned open toaster. The Superior Toaster is compact and of beautiful appearance. It is easy to operate and it is truly far ahead of the old-fashioned open style toaster.

SPECIFICATIONS

Nichrome element—Black rubberoid handles and feet—Bread ejector—All metal parts of heavy cold rolled steel, beautifully nickeled—Element fully enclosed—Opening for bread 1 inch by 5 inches—Heat retained by asbestos insulation. Guaranteed one year. Packed in individual cartons—Weight, packed, 3 pounds each.

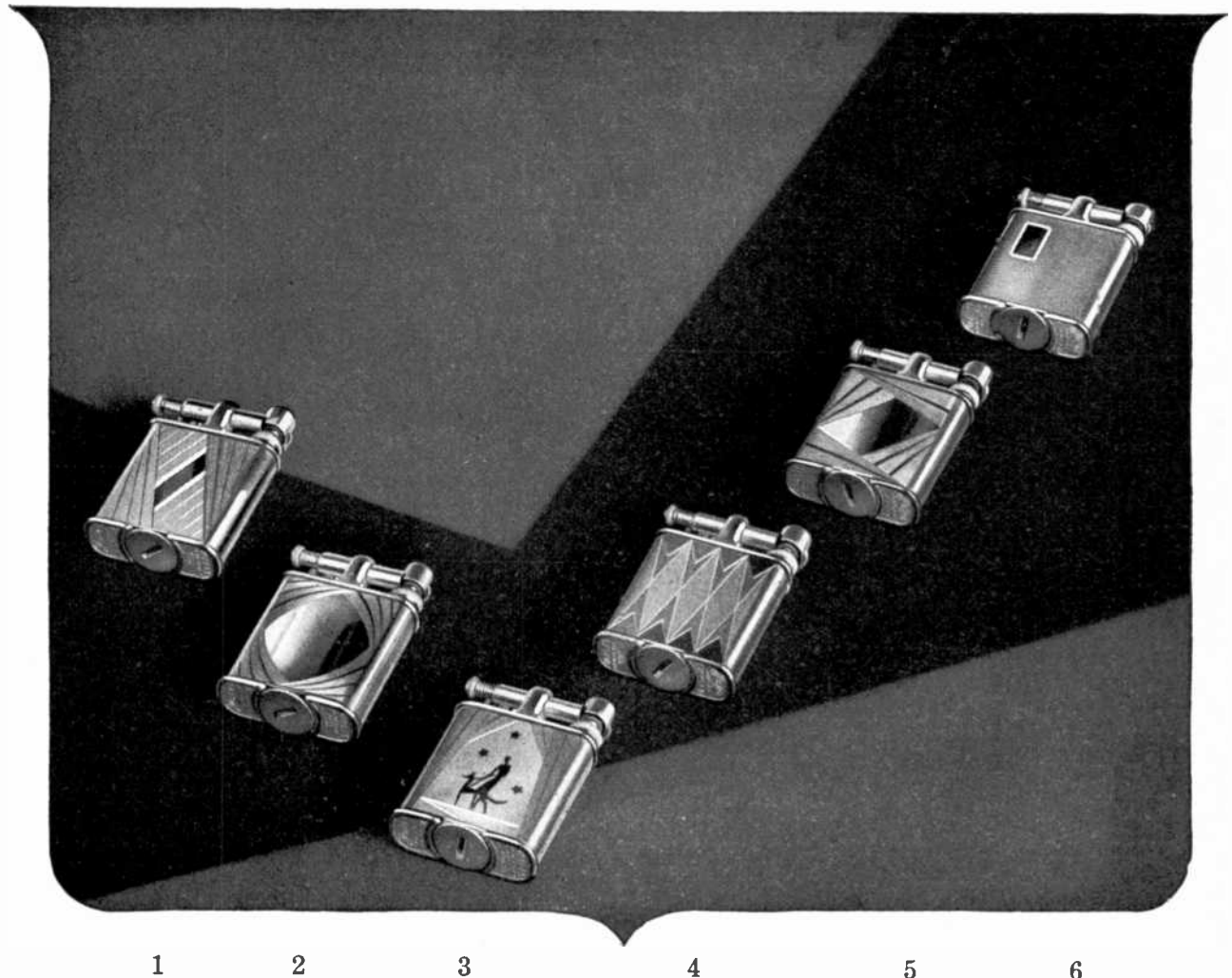
List Price, \$3.75

ENTIRE PAGE CLASS D

Service That Satisfies

THE WALES JUNIOR LIGHTER

IN NEW CHROMIUM FINISH



ORIGINALLY designed as a ladies' model, Wales Jr. has struck fire with both men and women. It is exactly what the public has been waiting for—a perfect lighter in miniature—a lighter lighter! Wales Jr. reaches an entirely new market—the people who never would buy the ordinary lighter because of its bulk—and the people who are ready and eager to discard their heavy old lighters for this astonishingly light and slender little one. Fits a lady's evening bag—or a man's change pocket! In every detail it is a perfect Wales Lighter in miniature with the famous Wales features of construction, workmanship and finish.

A Word about the New Finish



Wales has perfected a platinum-like finish with the virtues of stainless steel, but even more durable, and of a color and lustre more nearly resembling platinum. The new finish, called Hardyte, is more lustrous and brilliant than platinum, and positively non-tarnishing. It never needs polishing, for it never discolors. The basis of the Hardyte finish is chromium, a metal with a melting point of 2770 degrees Fahrenheit—a metal harder than the hardest hardened steels. Wales Lighters made with the Hardyte finish, preserve their flawless polish indefinitely, under all conditions of climate and use—even when immersed in hot nitric acid for testing. No lighter made can outwear and outshine the Wales Hardyte finish. We guarantee it unconditionally.

List Price **\$6.00** Class A

Always Give Complete Description When Ordering

LET THIS NEO-RAY TUBE SIGN INCREASE YOUR SALES



THE newest thing in electric signs is ATTENTION-COMPELLING—it catches the eye and holds it. These signs are taking the country by storm and bringing forth exclamations of surprise and commendation. They have a far reaching penetration and can even be used during the daytime on dull days. It is the only sign that is effective in fog and rain. It gives off an iridescent red glow that is far reaching yet pleasing to the eye.

COMPACT AND PORTABLE

It is compact and can be used in many ways. It can be hung in the window or doorway, placed on the floor, put on a console cabinet or will serve as a background. In fact, it can be placed almost anywhere in any position and is sure to attract attention.

FOOL-PROOF AND TROUBLE-PROOF

It is approved by The National Board of Fire Underwriters. In the event of tube breakage, it is not necessary that an electrician be called. Anyone can safely replace the broken section as it plugs into electrodes that are perfectly protected.

ECONOMICAL OF OPERATION

This sign probably burns less current than any electric lamp you have in your home.

SPECIFICATIONS

The face of the sign is black Bakelite, the sides and back being of Galvanneal, finished in any color you may desire. The cord is twenty feet long, however, other lengths can be furnished. The letters are four inches high, the entire sign being 8 x 23 x 10 inches deep. The approximate shipping weight is forty pounds.

ORDERING

Please specify color when ordering. When not specified, the factory will use its own option. These signs are shipped direct to our customers from the factory in Kalamazoo, Michigan, and require about ten days for making up. Full cash must be sent, or 25% cash and balance C. O. D. These orders are not subject to cancellation.

OTHER SIGNS

This is our own idea of a sign that is universal in its application and can be used by any radio dealer. Possibly you have some ideas of your own. If so, let us have a rough sketch and the specifications and we will gladly quote prices.

GUARANTEE

These signs are absolutely guaranteed by the manufacturer from mechanical or electrical defects for a period of one year. Neo-Ray tubes are also guaranteed for one year, against breaking or failure to light, due to any natural cause. In case of damage in shipment, please obtain a bad order receipt from the agent of the transportation company.

SHIPMENT DIRECT FROM KALAMAZOO, MICHIGAN

Special Dealers' Net Price \$78⁸⁰ Complete

PRINCESS

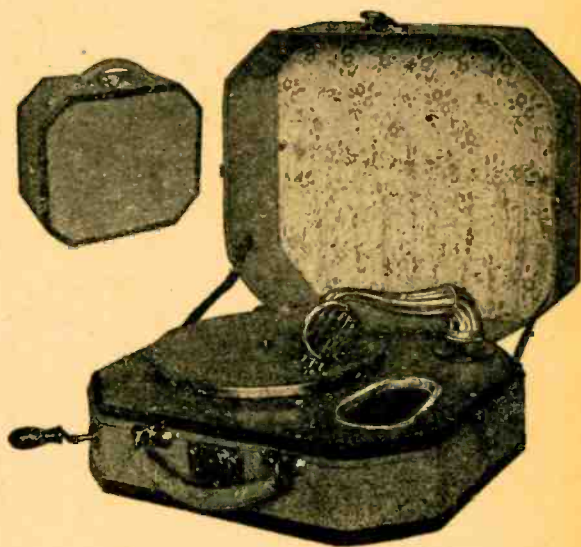
Portable - Model 70

6 SNAPPY COLORS
TO CHOOSE FROM
Red - Blue - Black
Green - Tan - Blonde

The Princess Portable Phonograph offers an opportunity for exceptional profits. Its many unique features, its amazing tone and volume, its attractive price, and its luxurious appearance enable dealers to make real sales and real profits.

Many new and unusual features have been built into this remarkable instrument. Among them, a new type Heineman Junior motor and a special built-in acoustically correct tone chamber offering an exceptionally smooth flow of tone.

The Princess Portable Phonograph is ideal for homes, outings—in fact any place where good music is desired. It realizes the hopes of music lovers the world over.



SPECIFICATIONS

- Dimensions:** 7 in. high (closed), 14½ in. wide, 12½ in. deep.
- Motor:** Heineman junior motor of quality. Plays two records with one winding.
- Finish:** Covered in good quality waterproof, long-grain imitation leather.
- Tone Arm:** Good quality heavy nickel-plated "S" type tone arm.
- Reproducer:** Shielded with aluminum diaphragm, giving loud and clear reproduction.
- Tone Chamber:** Built-in, acoustically correct, affording smooth and maximum flow of tone.
- Needle Case:** Nickel constructed, spring-snap top.
- Shipping Weight:** Packed in individual carton, 15 lbs.

*Order
Today*

List Price \$15⁰⁰

Class B