

# RADIO DOINGS

RED BOOK OF RADIO

10¢  
WEEKLY

*The Radio Authority  
of the  
Pacific Coast*



A. ATWATER KENT

NSE

Los Angeles Radio Show Number

Vol. XI

SEPTEMBER 4-10, 1927

No. 10

# CROSLEY RADIO

*"You're There With a Crosley"*

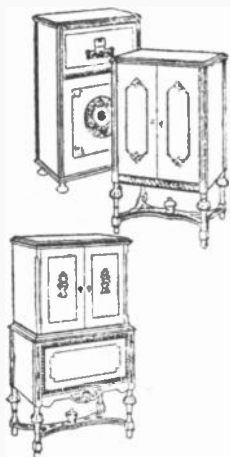


The Bandbox 6-Tube Receiver, \$69.50

*Here are some of the features that make the new Crosley BANDBOX such an outstanding value:*

- 1—Completely shielded coils, condensers and wiring.
- 2—Acuminators for sharper tuning.
- 3—Volume control.
- 4—Single tuning knob.
- 5—Illuminated dial.
- 6—Single cable outside connections.
- 7—Designed for easy installation in consoles.
- 8—Beautiful frosted brown crystalline finished cabinet.

THE NEW CROSLEY CONSOLE CABINETS are equally remarkable values at \$38.50, \$71.50 and \$93.50. See them at the Show or at your nearest Crosley Dealers.



Wholesale  
Distributors

**KIERULFF & RAVENSCROFT**  
RADIO EQUIPMENT

Radio Show  
Booths  
67-68-69-70

1630-32 S. Los Angeles St.  
LOS ANGELES

654 Howard St.  
SAN FRANCISCO

If You Doubt that "You're There" with a

# CROSLEY

## RECEIVER

Just remove that doubt by asking one of these  
Authorized Dealers for a demonstration:

### LOS ANGELES

#### South

Davis Radio Co.  
2817 S. Main St.  
WEstmore 6948

De Hoog Brothers  
6120 S. Broadway  
THornwall 0224

Los Angeles Music Co.  
4410 S. Broadway  
AXridge 5479

#### Downtown

Figueroa Radio Shop  
929 W. Seventh St.  
TUcker 6763

Frank Radio Co.  
715½ S. Main St.  
TUcker 3347

#### Hollywood

Doran's Electric Shop  
7515 Sunset Blvd.  
GRanite 6903

#### Also

8030 Santa Monica Blvd.  
GLadstone 4954

H. D. Hatfield & Son  
1762 N. Vermont Ave.  
OLympia 5220

C. R. Hauser  
4310 Melrose Ave.  
OLympia 2666

#### Southwest

Child's Laboratory  
2310 S. Union Ave.  
BEacon 7445

L. A. Duncan  
2891 W. Pico St.  
EMpire 1141

Grand Ave. Radio Co.  
2205 S. Grand Ave.  
WEstmore 6508

Wesenberg Radio Music  
Co.  
3819 S. Western Ave.  
VERmont 7929

#### Northeast

Brooklyn Radio Shop  
1521 Brooklyn Ave.  
ANGelus 3296

#### Westlake

Arcade Radio Studio  
743¼ S. Alvarado  
DRexel 6859

### GLENDALE

Budwig Radio Co.  
201 N. Brand Blvd.  
Glendale 1801

### LANKERSHIM

Lankershim Radio &  
Service  
5241 Lankershim Blvd.  
Lankershim 767

### LONG BEACH

John J. Sawyer  
543 E. Anaheim St.  
Long Beach 636-235

Rialto Radio Co.  
430 American Ave.  
Long Beach 653-171

### PASADENA

Radio Doc  
1581 E. Walnut St.  
Colorado 1671

### VENICE

Venice Electric Co.  
72 Market St.  
Santa Monica 62261

# CROSLEY RADIOS

"Everything That Is Right in Radio"

# *Radio of Proven Performance and Dependability*

Kierulff & Ravenscroft are pioneers in the distribution of standard radio apparatus—merchandise that is nationally advertised and known for proven performance and dependability, such as

**Splitdorf Receiving Sets and Speakers**

**Crosley Sets, Speakers, Cabinets**

**Argus All-Electric Receiving Sets**

**Kennedy—the Royalty of Radio**

**Temple and Peerless Speakers**

**Cunningham Radio Tubes**

**Burgess Radio Batteries**

**Majestic “A” and “B” Battery Eliminators**

**RADIO DEALERS**—When you offer your trade merchandise of this sort, you can stand squarely behind it without risking your good name. It will help you build a bigger and more substantial business.

**DEALER FRANCHISES IN CHOICE TERRITORY OPEN**

Splitdorf, Kennedy, Argus and Crosley Radio are sold only through franchised dealers. Very attractive propositions open to the best dealers in each community.

# **KIERULFF & RAVENSCHROFT**

**RADIO EQUIPMENT**



Exclusively  
**WHOLESALE**  
Since 1915

Owners and  
Operators  
**KNRC**  
375 Mtrs. 500 Watts



New York Office  
J. W. HASTIE  
155 East 42nd Street  
Vanderbilt 4661

Chicago Office  
A. G. RUDOLPH  
500 N. Dearborn St.  
Superior 7300

San Francisco Office  
CONGER & MOODY  
Sharon Building  
Kearney 8483

# Radio Doings

Trade Mark Reg. U. S. Pat. Off.

407 East Pico Street, Los Angeles, Calif.

Phone WEstmore 1401

H. C. CHARLES  
Editor

**"The Red Book of Radio"**

K. G. ORMISTON  
Technical Editor

J. S. MILLER  
Associate Editor

MAJ. LAWRENCE MOTT  
Associate Editor

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Vol. XI Los Angeles SEPTEMBER 3, 1927 San Francisco No. 10

## ~ Welcome ~

**EVERYBODY** on the Pacific Coast who is interested in radio is cordially invited to make booth No. 1 their headquarters, while attending the Fifth Annual Radio Show Beautiful at the Los Angeles Ambassador Hotel Auditorium during the week of September 4th to the 10th.

We will be ready to give you immediately any information desired about the show; the equipment exhibited in the booths and where to locate the different exhibitors.

Booths number 183 and 184 will be equipped as a complete radio testing laboratory. Mr. Kenneth G. Ormiston, the well-known technical editor of RADIO DOINGS will be in constant attendance and will gladly help you solve your radio problems.

Attend the Los Angeles Radio Show Beautiful and you will see on exhibit the very latest equipment developed by the radio engineers of the world.

**COMPLETE INDEX, SEE PAGE 19**

### ONLY \$3.00 A YEAR

Have RADIO DOINGS mailed to your home every week. Fill out blank below. Either mail to us, or your dealer will be glad to take care of it for you. Please indicate whether NEW or RENEWAL.

HORWOOD PUBLISHING CO., 407 E. Pico St., Los Angeles.

CONGER & MOODY, Sharon Building, San Francisco, Calif.

Gentlemen: I enclose \$3.00, for which send me RADIO DOINGS for one year.  
NEW—RENEWAL.

Name.....

Address.....

---

---

# 7 WEEKS

## INVESTIGATION

*and we learned many things*

## HOPING

*to find an*

## OUTSTANDING

## Radio Set

*and we*

## FOUND IT

---

SEE IT---AT BOOTHS

123-124-125-126

---

PACIFIC WHOLESALE INC.

WALTER M. FAGAN  
PRESIDENT

12th and Wall Sts.

Los Angeles

---

---

**- SEE -**

**Cunningham**  
**RADIO TUBES**

**DX-TESTED**

AT BOOTHS

**123 - 124 - 125 - 126**

**THIS DEMONSTRATION  
WILL SHOW YOU WHY**

**DX-TESTED**

TUBES SHOULD BE USED  
IN

**YOUR RADIO SET**

**PACIFIC WHOLESALE INC.**

WALTER M. FAGAN  
PRESIDENT

12th and Wall Sts.

Los Angeles

# **KOLSTER RADIO**

IS

A SHOW FEATURE

**Don't Miss It**

Booths 109-110-111-112

The

Display Includes Also

**Abox A Eliminators  
Radiotron Tubes  
Kuprox Rectifiers**



**H. Earle Wright, Incorporated**

123-129 Second Street

SAN FRANCISCO

Garfield 900

415 East Eighth Street

LOS ANGELES

TRinity 2354



# **CROSLEY RADIO**

IS

A SHOW FEATURE

**Don't Miss It**

Booths 109-110-111-112

The

Display Includes Also

**Basco A and B Units  
Burgess Batteries  
Brandes Speakers**

---

**H. Earle Wright, Incorporated**

123-129 Second Street

**SAN FRANCISCO**

Garfield 900

415 East Eighth Street

**LOS ANGELES**

TRinity 2354

# Eagle Eliminators--Chargers

## A-B Radio Power

Combination Unit. Smooth and constant A & B supply direct from AC light current. Operates any set 3 to 10 tubes.

**\$85.00**  
**Complete**



## Eagle Socket B Power

Will operate any six tube set or less, including power tube. Delivers 135 volts at 40 mila.

**\$35.00**

Also Super, 180 Volts, \$45.00



## Eagle Dri-Disk

Bone dry charger; no tubes; no acid;  $\frac{1}{2}$  amp. trickle rate;  $1\frac{1}{2}$  amp. high rate.

**\$15.00**



**C. W. SMITH CO., Factory Agents**  
**JOBBERS**

**C. C. LAWTON CO.**  
1125 Wall St., Los Angeles

**UNITED RADIO SUPPLY**  
1062 Howard St., San Francisco

# We Welcome You to the Radio Show Beautiful



Utah Screen Speaker,  
Finished in Antique Brown,  
\$100.00

Hear the  
**UTAH**  
Then  
Decide



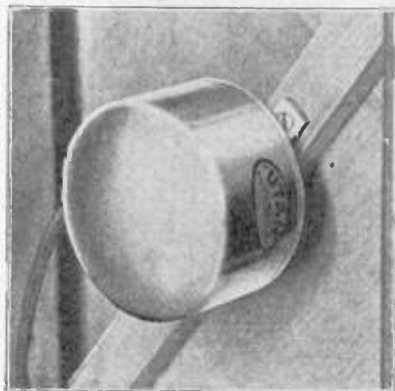
Utah No. 30 Speaker, Finished  
in Antique Brown,  
\$30.00

**EVERY ONE GUARANTEED**



Utah No. 16 Drum, Finished  
in Antique Brown, \$16.00

A  
**UTAH**  
Speaker  
for  
Every  
Purpose



Utah Piano Unit  
\$10.00

**C. W. SMITH CO., Factory Agents**  
505 Allied Crafts Building, Los Angeles

**LOS ANGELES JOBBERS**

**C. C. LAWTON CO.**  
1125 Wall St.

**MUSICAL INSTRUMENT DIS. CO.**  
1111 Alameda

San Francisco—**UNITED RADIO SUPPLIES**, 1062 Howard St.

**WESTERN RADIO, INC.**  
1224 Wall St.  
**COOK-NICHOLS**  
846 Wall St.



RCA RADIOLA 16  
Less accessories  
\$69.50  
With Radiotrons  
\$82.75



RCA RADIOLA 20  
Less accessories  
\$78.00  
With Radiotrons  
\$89.50



RCA RADIOLA 28  
With Radiotrons \$260  
A. C. Package for adapt-  
ing RADIOLA 28 for A.C.  
operation with RCA  
Loudspeaker 104 . \$35



RCA RADIOLA 32  
Complete with  
Radiotrons  
\$895

# The R C A a complete line

*for all requirements of location*

FROM the Research Laboratories of Radio Corporation of America, Westinghouse and General Electric have come these RCA Radiolas and Loudspeakers — the greatest achievements of the radio art.

These tried, tested and perfected receiving sets are individually adapted to the different methods of operation, as well as to the exacting requirements of different locations. RCA Radiolas set the standard for

Buy  
with  
Confidence



Where You  
See  
This Sign

## RCA Radiola

MADE BY THE MAKERS OF THE RADIOTRON



# announces of Radiolas

—for all methods of operation

radio because of their unrivalled perfection of tone and simplicity of operation. They are designed by the same engineers who planned the leading high-power broadcasting stations. They are the time-tested sets that have been chosen for exclusive use by Victrola and Brunswick in their finest instruments.

Included in the new Radiola line are dry battery sets, storage battery sets, and, of course, the sets that operate directly from the electric light circuit.

*You haven't really heard radio until you have listened to a Radiola and RCA Loudspeaker.*

*Ask any RCA Authorized Dealer to demonstrate these marvelous instruments.*

## RCA Radiola

MADE BY THE MAKERS OF THE RADIOTRON



RCA  
LOUDSPEAKER 100-A  
\$35



RCA RADIOLA 17  
Less accessories . \$130.00  
With Radiotrons . \$157.50



RCA  
LOUDSPEAKER 104  
(A. C.) \$275



RCA RADIOLA 30-A  
Complete with  
Radiotrons  
\$495

# KINGSTON

## "B" Current Supply Unit

### TYPE 2

For 110-120 Volt A. C., 50-60 Cycle Current—for receiving sets having not more than eight tubes and not having type UX171 power tube or equivalent—

**\$37.50**

Including Type BH Raytheon Tube

### TYPE 2A

Super Power, for 110-120 Volt A. C., 50-60 Cycle Current—for all sets using type UX171 tube or equivalent and for all sets having nine or more tubes—

**\$42.50**

Including Type BH Raytheon Tube



Any of these models will be furnished with an automatic control switch built in the unit for \$2.50 additional. With this the B unit is automatically switched on or off when switch on the radio set panel is turned.

## "B" Current Supply adjusted to ANY set



Three variable voltage taps provide a range of from 5 to 150 volts at the same time. Enables user to adjust voltage at each terminal to give the best reception from his particular set, regardless of whether one or several tubes are being supplied from a certain terminal. The device is adjusted when it is installed and need not be changed thereafter.

Contains no acids or solutions. Uses special gas-filled Raytheon Tube, which is guaranteed and should last several years. The Kingston is absolutely noiseless in operation and will not heat under full load. Shock-proof and transformer is shielded. Handsomely finished in black enamel and nickel.

Size: 9 x 5 1/4 x 9 inches. Operates from the home lighting socket, supplying ample current for any set containing up to No. 201A tubes or equivalent.

*The Parts Jobber*

**C. C. LAWTON CO.**

1125 Wall St.

WEstmore 3960

Los Angeles

# Parts and Accessories

<b>Aalco Shielded Coils</b>	<b>Freas and Moran Hydrometers</b>
<b>Acme Transformers</b>	<b>Gen-win Coils</b>
<b>Acme Chargers &amp; B Eliminators</b>	<b>Hammerlund Products</b>
<b>Advance Crystals</b>	<b>Hoosick Products</b>
<b>Aero Coils</b>	<b>Johnson Chargers</b>
<b>Aero Products</b>	<b>Krablack Resistors</b>
<b>Aerovox Products</b>	<b>Kurz-Kasch Knobs &amp; Dials</b>
<b>Air King Transformers</b>	<b>Lynch Resistors</b>
<b>Alden Mfg. Co. Parts</b>	<b>McMillan Sets</b>
<b>All-American Mfg. Trans.</b>	<b>Muter Products</b>
<b>American Beauty Soldering Irons</b>	<b>Multipoint Crystals</b>
<b>Amertran Products</b>	<b>Na-ald Adapters</b>
<b>Amertran Transformers</b>	<b>National Co. Products</b>
<b>Amperites</b>	<b>QRS Tubes</b>
<b>Artco Coils</b>	<b>Polymet Condensers</b>
<b>Carborundum Products</b>	<b>Ray-O-Vac Batteries</b>
<b>Carter Products</b>	<b>Raytheon Tubes</b>
	<b>Readrite Meters</b>

## CeCo TUBES

<b>CeCo Tubes</b>	<b>Sampson Chokes</b>
<b>Centralab High Resistance</b>	<b>Samson Transformers</b>
<b>Chicago Kester Solder</b>	<b>Sangamo Condensers</b>
<b>Clarostats</b>	<b>Sensory Insulators</b>
<b>Crescent Magnet Wire</b>	<b>Silver-Marshall Products</b>
<b>Crescents Transformers</b>	<b>Sterling Products</b>
<b>Daven Radio Products</b>	<b>Thordarson Transformers</b>
<b>DeJur Products</b>	<b>Tobe Condensers</b>
<b>Dubilier Products</b>	<b>Trico Fuses</b>
<b>Dudlo Antenna Wire</b>	<b>United Console Cabinets</b>
<b>Eagle Chargers and Eliminators</b>	<b>Utah Speakers</b>
<b>Ebby Binding Posts</b>	<b>Universal Battery Clips</b>
<b>Ekko Ground Clamps</b>	<b>Walbert Isosfarad Sets</b>
<b>Electrad Products</b>	<b>Weston Meters</b>
<b>Formica Panels</b>	<b>Weston Plugs</b>
	<b>Yaxley Products</b>

*This is only a partial list of the well-known lines we carry*

## C. C. LAWTON CO.

1125 Wall St.

Westmore 3960

Los Angeles

# At the Radio Show

You will see all of the latest innovations in sets and parts. We carry at all times a very complete stock of the best and latest parts and will be ready to fill your orders when you have selected the parts you will need.

We have listed on the opposite page some of the well known lines we distribute and invite your inspection of our stock.

---

A cordial invitation is extended to the public to make themselves "at home" in Booths 189 and 190 at the Show.

Compliments of  
**THE RADIO SUPPLY CO.**

---

**RADIO SUPPLY CO.**

WHOLESALE

912-914 S. Broadway

VA. 6063

Los Angeles

New 1927 Catalogue Now Ready—Send for It



# The RADIO SUPPLY CO.

"The Parts Warehouse of the West"

Is ready to fill your requirements for parts. Our stock is complete and adequate at all times

Watch This List of Parts for Changes

Alco Loops	Dubilier Condenser Corp.	Penetrola Kits
Accuratune Dials	Dudlo Mfg. Co. Wire	Polymet Mfg. Co.
Acme Apparatus	Dunham Loops	Condensers
Acme Wire	Eby Binding Posts	Preston DX Ground
Advance Crystals	Ekko Ground Clamps	QRS Tubes
Aero Products	Electrad Products	Racon Horns
Aerovox Wireless	Electrohot Soldering Irons	Radiall Co. Amperites
Products	Elkon Chargers	Rauland Lyric
Alden Mfg. Co. Parts	Essenbee Ball Aerial	Transformers
All-American Products	Formica Insulation Co.	Raytheon Tubes
Amertran Products	Franco B Batteries	REL Apparatus
Amperites	Frost Products	Remler Products
AmSCO Condensers	General Radio Parts	Samson Transformers
Artco Coils	Genwyn Coils	Sangamo Condensers
Baldwin Units	Goodrich Rubber Panels	Selectone Transformers
Balkite Chargers, Etc.	Hammarlund Products	Sensory Insulators
Balsa Wood Speakers	Handy Chargers	Silver Marshall Products
Benjamin Elec. Mfg.	Harkness Kits	Spaulding Bakelite
Products	Hedgehog Transformers	Steinitz Eliminators
Bodine Loops & Coils	H-K Solderdip Lugs	Sterling Meters and
Brandes Phones	Hoosick Parts	Testers
Branston Coils	Jefferson Products	Stevens Tools
Bremer-Tully Products	Jones Cables	Testrite Hydrometers
Bretwood Leaks	Karas Products	Thordarson
Bruno Coils	Kelbrackets	Transformers
Camfield Coils	Kellogg Parts	Tobe Condensers
Carborundum Products	Kodel Products	Tom Mack Products
Cardwell Condensers	Kurz-Kasch Dials and	Tower Speakers
Carter Products	Knobs	Trimm Cone Speakers
CeCo Tubes	Kuprox Chargers	Universal Battery Clips
C R L Var High	Lynch Leaks	Utah Units
Resistance	Madison Moore Units	Vesta Power Units
Chicago Kester Solder	Marco Products	Victoreen Parts
Clarostat	Mignon S. L. F.	Ward Leonard Products
Corning Pyrex	Condensers	Weston Products
Crescent Transformers	Mueller Universal Clips	Webco Power Units
Daven Radio Parts	Mountford Resistances	Willard Batteries
DeJur Rheostats	Naald Parts	X. L. Variodensers
DeLuxe Products	National Co. Parts	Yaxley Products
Dictogrand Speakers		

DEALERS: Park Next Door at Our Expense

## RADIO SUPPLY CO.

WHOLESALE

912-914 S. Broadway

VA. 6063

Los Angeles

New 1927 Catalogue Now Ready—Send for It

**put clear glass  
power tubes**

*in every  
socket*

*"A" batteries last  
twice as long with  
Z-P-201-A  
power tubes*



**WHAT** you want most in radio is smooth, well-rounded tones with just enough volume to make reproduction *real*.

The new  $\frac{1}{4}$  amp. oxide filament ZP 201 A all-socket Power Tubes now contribute this missing quality to radio. ZP 201 A power tubes take just enough current from your battery to assure smoothness of tone. Differing from the majority of other tubes there is no excess — no "crowded" current active in ZP 201 A's to set up the blasting microphonic noises that

distort tone and give volume an artificial rasp. ZP 201 A's in every socket. — installed *without re-wiring* — give you music rich and clear, with as much power as you'll ever need.

The extremely conservative operating characteristics of ZP 201 A power tubes effect an appreciable economy in "A" power — reduces re-charge bother and expense. And through elimination of magnesium coating they perform at topmost efficiency . . . actually improving with service.

**ZETKA LABORATORIES, Inc., 73 Winthrop St., Newark, N. J.**

Factory Rep., BERT R. HASSLER, 305 Allied Crafts Bldg., 407 E. Pico St., Los Angeles

**ZETKA**  
The Clear Glass Tube

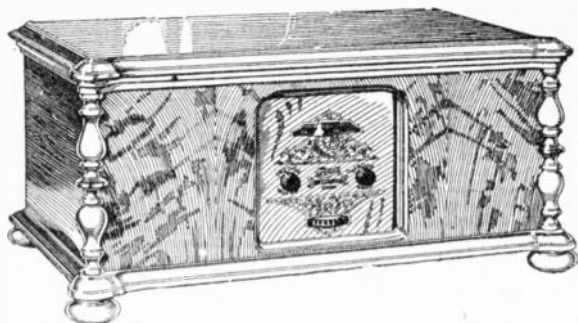
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Grebe  
Synchro-  
phase  
Seven  
\$135



## Beyond All Expectation

We had scarcely hoped for such performance. New as today—old as Grebe's reputation and experience—the Synchrophase Seven typifies Grebe leadership of over seventeen years—a leadership built on the production of only the best that engineering skill could devise.

For nearly a score of years Grebe has developed device after device—radical, practical, permanent—for the improvement of radio reception. And now—the Synchrophase Seven—the latest proof of Grebe leadership.

### 1 Controlling Dial

that tunes accurately without aid of additional dials.

### 3-Point Tuning Drive

—smooth-running, permanent adjustment.

### 5 Tuning Stages

for maximum selectivity and fidelity of tone.

### 7 Useful Tubes

each playing a distinct and important part in the production of tone, volume and distance.

The cabinet, of selected butt grain walnut, has a panel of French marquetry exquisitely designed and wrought.

*Booklet RD gives the details.*

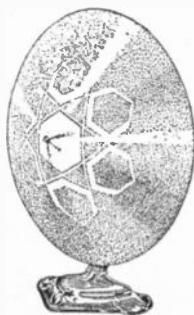
*Your dealer will demonstrate.*

A. H. GREBE & CO., INC., 109 W. 57TH ST.,  
NEW YORK CITY  
Western Branch

443 S. SAN PEDRO ST., LOS ANGELES, CALIF.

Factory: RICHMOND HILL, N. Y.

*The oldest exclusive radio manufacturer*



Grebe Natural  
Speaker \$35



THE GREBE  
SYNCHROPHASE  
TRADE MARK REG. U.S. PAT. OFF.



# Editorial Comment

## Radio Show Beautiful

THE spacious Auditorium and Pavilion Annex of the Los Angeles Ambassador Hotel will again be the setting of the West's most spectacular radio exposition.

For the fifth consecutive year the Radio Trades Association of Southern California is sponsoring the presentation of a complete display of the most up-to-date radio equipment and ideas. It has drawn upon the radio resources and ingenuity of the entire nation.

Under the able representation of Mr. Waldo Tupper, Manager of this Radio Show Beautiful, the Radio Trades Association of Southern California and the whole western radio industry have co-operated magnificently in creating such a beautiful and, at the same time, such a comprehensive exhibition of radio that every spectator can not only understand the usefulness of radio but will thrill at the ease and simplicity of its operation.

It will be well worth your time to see this brilliant and interesting display of radio's most recent triumphs in technical perfection and exterior beauty. In appreciation and as a help to all RADIO DOINGS' readers in seeing the exposition, the following privilege is offered:

THIS COUPON IS WORTH 35 CENTS

THE RADIO SHOW BEAUTIFUL

35c

Compliments of  
RADIO DOINGS

35c

Simply tear out this coupon and present it at an entrance of the Auditorium with 40c. Regular admission price 75c.

Print name and address here

NAME: .....

STREET: .....

CITY: .....

REGULAR SUBSCRIBER? .....

EXPOSITION COMMITTEE  
FIFTH ANNUAL  
**RADIO  
EXPOSITION**

Portraits and Captions:

- Top Left: *W. H. ...*
- Top Right: *L. B. ...*
- Center Oval: *W. H. ...*
- Middle Left: *W. H. ...*
- Middle Right: *W. H. ...*
- Bottom Left (Circular): *W. H. ...*
- Bottom Left (Rectangular): *H. E. ...*
- Bottom Center (Circular): *J. S. ...*
- Bottom Center (Circular): *T. C. ...*
- Bottom Right (Rectangular): *E. Marshall Jr.*

Central Illustrations:

- Small building illustration: *W. H. ...*
- Large exhibition hall illustration: *W. H. ...*

# Schedule of Broadcasting and Entertainment

## Fifth Annual Radio Show Beautiful Ambassador Auditorium Sept. 5 to 10, 1927

### MONDAY, SEPT. 5th

- 1:00 to 4:15 P.M.—Artists from KNX, Hollywood.  
4:30 to 4:45 P.M.—Artists from KFWO, Catalina Island.  
PRIZE DRAWING  
7:15 to 11:00 P.M.—KNX (Hollywood), sponsoring program.  
PRIZE DRAWING

### TUESDAY, SEPT. 6th

- 1:00 to 2:30 P.M.—KLPA (Los Angeles), artists.  
2:30 to 4:45 P.M.—KMIC (Inglewood), sponsoring program.  
PRIZE DRAWING  
7:15 to 9:30 P.M.—KFQZ (Hollywood), artists.  
10:00 to 11:00 P.M.—KFI's artists.  
PRIZE DRAWING

### WEDNESDAY, SEPT. 7th

- 1:00 to 5:15 P.M.—KMTR feature program.  
3:30 to 4:45 P.M.—KGFJ sponsoring program.  
PRIZE DRAWING  
7:15 to 11:00 P.M.—KMTR (Hollywood), feature artists.  
PRIZE DRAWING

### THURSDAY, SEPT. 8th

- 1:00 to 2:45 P.M.—KHJ (Los Angeles), feature program.  
3:00 to 4:45 P.M.—KPLA (Los Angeles), feature program.  
PRIZE DRAWING  
7:15 to 11:00 P.M.—KHJ (Los Angeles), sponsoring program.  
PRIZE DRAWING

### FRIDAY, SEPT. 9th

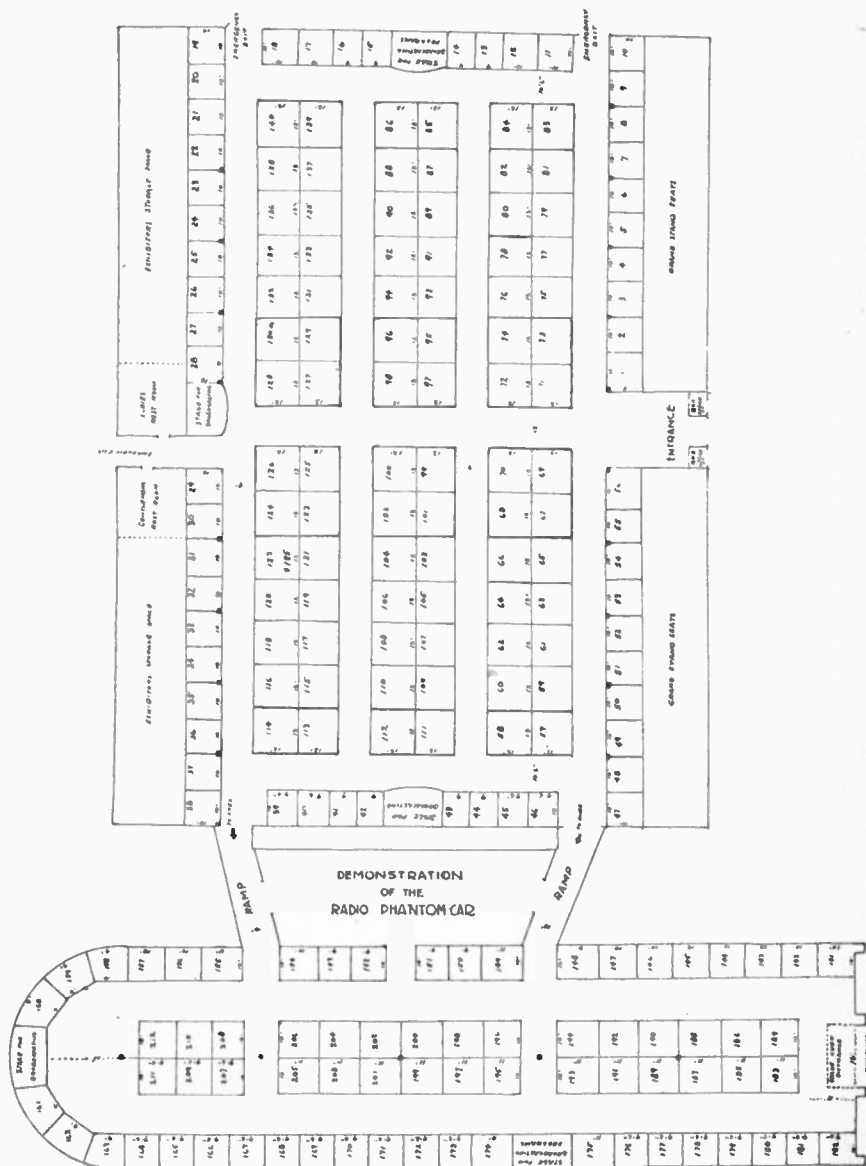
- 1:00 to 4:45 P.M.—KNRC (Santa Monica), feature program.  
PRIZE DRAWING  
7:15 to 8:45 P.M.—KNRC (Santa Monica), feature program.  
9:00 to 9:30 P.M.—Artists from Studios of KPLA.  
10:00 to 11:00 P.M.—Conclusion of program by KNRC.  
PRIZE DRAWING

### SATURDAY, SEPT. 10th

- 1:00 to 2:30 P.M.—KFWB (Hollywood), feature program.  
2:30 to 3:15 P.M.—KGER (Long Beach), feature program.  
3:30 to 4:45 P.M.—KPSN (Pasadena), feature program.  
PRIZE DRAWING  
7:15 to 11:00 P.M.—Feature program by artists from KFWB.  
PRIZE DRAWING

VICTOR M. CLARK, Program Director.

# Floor Plan Radio Show Beautiful





# EXHIBITORS

## Fifth Annual National Radio Show Beautiful

September 4th to 10th, Inclusive, 1927

	Booth		Booth
Acme Electric Mfg. Co.....	20	Listenwalter & Gough	
Advance Electric Co.....	94	75, 77, 78, 79, 80, 81, 82, 83 & 84	
American Electric Co.....	163	McClelland-Felthouse Corp....	107 & 108
Ashworth & Gallop.....	152	The Magnavox Company....	207 & 208
Baker & Fitzgerald, Inc.....	65	Marshank Sales Co.....	3 & 4
The Banta Co.....	147	Martin Music Co.....	85 & 87
Barker Bros., Inc.....	57 & 59	Myers Electric Supply Co.....	37
Barker Wholesale Co.....	58 & 60	National Carbon Co.....	113 & 114
Birkel Music Co.....	168, 169 & 170	National Radio & Supply Co.....	148
Browning-Drake Corporation....	177	National Lead Battery Co.....	93
Burroughs Mfg. Co.....	41 & 42	Wedgewood Nowell.....	150
M. J. Carls.....	46	Pacific Wholesale, Inc.	
C.-E. Manufacturing Co.....	40	.....	123, 124, 125 & 126
Central Figueroa Property Co....	26	C. R. Parker.....	171 & 172
Chanslor & Lyon.....	86 & 88	Parmelee-Dohrmann Co.....	44 & 45
C & G Electric & Radio Co....	165 & 166	Platt Music Co.....	116, 118, 119 & 120
Donnels Music Co.....	167	Precision Electric Mfg. Co....	121 & 122
Echophone Radio Mfg. Co.		Portable Radio Corp.....	151
.....	61, 62, 63 & 64	The Q.R.S. Music Co.....	137
The Electric Corporation.....	71, 72, 73, 74	Radiola Exhibit Committee....	195 to 206
Electric Storage Battery Co....	33 & 34	Radio Doings.....	1, 183 & 184
Ethera Radio Laboratory.....	158	Radio Supply Co.....	189 & 190
Fitzgerald Music Co.....	104 & 106	Radio Test Laboratory.....	27
French Battery Co.....	66	Radio Service Club.....	182
Herbert H. Frost, Inc.....	47 & 48	Radiotron Exhibit Committee..	29 & 30
Gearhart-Schlueter Radio Corp..	23	Reiman Wholesale Electric Co....	11
Howard Radio Distributing Co....	178	Scott Sales Co.....	49, 50 & 51
Haaf Radio Sales Company.....	179	Silver-Marshall Co.....	138
Graybar Electric Co.....	131 & 132	C. W. Smith Co.....	187 & 188
A. H. Grebe Co., Inc.....	115 & 117	Lombard J. Smith.....	142 & 143
Gilfillan Bros., Inc.....	89, 90, 91 & 92	Southern California Music Co.	
Guardian Radio Service.....	144	.....	191, 192, 193 & 194
Harry W. Harrison, Inc.....	134	Southern California Edison Co..	17 & 18
B. R. Hassler Co.....	55 & 56	Sterling Mfg. Co. (local)....	31 & 32
Henger-Seltzer Co.....	91 & 92	Carl A. Stone Co.....	51, 52 & 53
W. C. Hitt.....	43	C. D. Tanner Co.....	35 & 36
Hobbs Battery Co.....	133	Ray Thomas, Inc.....	99, 100, 101 & 102
Herbert H. Horn.....	209, 210, 211 & 212	A. J. Tobey Co.....	5, 6, 7, 8, 9 & 10
Howard Radio Shop.....	178	Ungar & Watson, Inc.	
Jackson-Bell Co.....	146	.....	28, 127, 128, 129 & 130
General Radio Co.....	159	Universal Agencies.....	145
Gray & Danielson Mfg. Co.....	25	West Washington Radio Shop....	164
Kemper Radio Corporation....	2 & 163	Western Auto Supply Co....	12, 13 & 14
Kemper & Saunders.....	173	Western Radio Inc.....	103 & 105
Keeler-White Co.....	39	Willard Storage Battery Co....	139 & 140
Kellogg Switchboard and Supply Co.		Woodlark Radio Products Co....	149
.....	21 & 22	H. Earle Wright, Inc.	
Kierulff & Ravenscroft Co.		.....	109, 110, 111 & 112
.....	67, 68, 69, 70, 176	Yale Electric Corp.....	76
Kodel Radio Corporation....	153 & 154	Yale Radio Electric Co....	95, 96, 97 & 98
C. C. Lawton.....	138		

# The Maestro's Choice



6414-Dix Street,  
Hollywood, Calif.,  
26 August 1927

Mr. Fred W. Stein, President,  
Steinite Radio Company,  
Atkinson, Kansas.

Dear Mr. Stein,

I wish to take this means of  
telling you what I think of your marvelous  
radio.

To me it is a vox humana ---  
in every sense of the word. Clear, distinct,  
with great selection in control, I find it to  
be the ideal receiver.

*Pietro Cimino*

A Steinite console graces the sumptuous home of that renowned composer and director, Pietro Cimino, who, with his critical taste, selected the Steinite as the ideal receiver.

---

# ***For Your Protection!***

## ***Steinite***

### **NO BATTERY RADIO**

**Has Been Licensed Under the Patents of the  
Radio Corporation of America**

---

The Steinite Radio Company thus maintains its position among the leaders in the industry and justifies the confidence which it has always enjoyed among their dealers and the buying public.

When you purchase a STEINITE receiver, you have the assurance of its high standard in workmanship and performance. A receiver that uses no batteries or chargers—just turn light switch for all power—is one complete synchronized unit, faithfully reproducing voices and every musical instrument with fidelity of tone.

Guaranteed against all defects.

**Priced from \$128.50 to \$183.50**

(Complete, Including Power Tube)

### ***Steinite on Display Booth 148***

**LET THE TONE TEST CONVINCE YOU**

---

Distributed in Southern California by

## **The National Radio & Supply Co.**

**141 W. Washington St.**

**WEstmore 2748**

**Los Angeles**

---

# *Steinite*

# “Always A

## The Entire Steinite Line Will Any of these Authorized

## On Display

### LOS ANGELES

**Birkel Music Co.**  
“Exclusive Downtown Headquarters”  
446 S. Broadway VA 1241

**Frowein's Radio Shop**  
“Home of Steinite in the Southwest”  
5944 S. Main St. AX 6836

**Potter Radio Sales Co.**  
“Steinite Headquarters”  
1817 W. 54th St. VE 6836

**H & S Radio**  
“The Steinite Store”  
3916 West Sixth St.  
H. F. Proebstel WA 2620

**Vermont Music Shop**  
826 S. Vermont DR 3229

### HOLLYWOOD

**Shepherd Radio Service**  
“The Best in Radio”  
7562 Sunset Blvd. GR 7482

**Wesholly Radio**  
7406 Melrose Ave. OR 4702

### BELLFLOWER

**Berle E. Moore**  
“Steinite Headquarters”  
617 Somerset Ave.

### LOS ANGELES

“Make every night a Steinite” Buy Yours From

# SOUTHWEST ELECTRIC & RADIO

Florence and Hoover

TH 2540

# *Steinite*

# “Let Every Night

### BEVERLY HILLS

**Daniel E. Ellis**  
18621 Brighton Way OX 7504  
**Storey Music Co.**  
210 N. Beverly Dr. OX 6708

### BURBANK

**Storey & Sons**  
120 San Fernando Rd. Ph. 111

### CULVER CITY

**Albert H. Wagner**  
7007 Market St. Phone 344-49

### COMPTON

**Nygaard Electric**  
151 E. Main

### EL SEGUNDO

**Jack Brewer**  
139 Richmond St. Phone 142

### GLENDALE

**Superior Radio Studio**  
“Glendale's Leading Radio Store”  
102 W. Bdwy. Glendale 1780



# Year Ahead"

# Steinite

## Be Gladly Demonstrated at Franchised Steinite Dealers

### Booth 148

#### HUNTINGTON PARK

**P. A. Dougherty**  
"Steinite Headquarters"

158 S. Pacific Blvd. DE 4852

#### LONG BEACH

**Intercity Radio Stores Co.**

405 American Ave.  
Phone 619-77

**Missman Radio Co.**

(2 Stores)

228-30 E. 4th St. Phone  
1202 E. Anaheim 341-163

**Seaside Electric Co.**

(2 Stores)

1756 Atlantic Phone  
63 S. Magnolia 668-238

**Bothomley Music House**

"Trade in Your Old Piano,  
We Need Them"

1585 E. State St. 315-126

#### POMONA

**George E. Huebsch**

326 W. Geary St.

#### PASADENA

**Radio Doc**

"Exclusive Steinite Dealer  
for Pasadena"

1581 E. Walnut , Col. 1671

#### SAN FERNANDO

**The Porter Ave. Hdwe. Co.**

"A Demonstration Will Convince You"

1040 Porter Ave. Ph. Main 11

#### SANTA ANA

**W. H. Preston & Son**

211 E. 4th St. Phone 695-J

#### SANTA MONICA

**Ray E. Schaffer**

402 Broadway Phone 224-57

#### SHERMAN

**Franco Electric Co.**

8941 Santa Monica Blvd.  
OX 5515

#### TORRANCE

**Gardner Music Co.**

"Let Us Make a Demonstration"

1325 Sartoria Phone 312-J

#### WHITTIER

**J. D. Stall**

401-3 W. Phila. St. 423-283

#### INGLEWOOD

# RELIABLE SALES & SERVICE CO.

114 N. Market St.

"Radio Specialists"

Phone 993

## Be A Steinite"

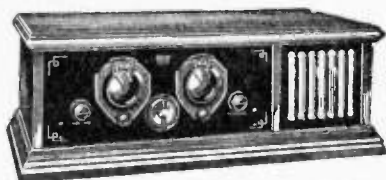
## Steinite

# Steinite

(Licensed Under R.C.A. Patents)

SIX TUBE

## NO BATTERY RADIO



COMPLETE IN ONE SYNCHRONIZED UNIT. WITH HIGH GRADE BUILT-IN SPEAKER.

**\$156.00 (Complete)**  
(INCLUDING POWER TUBE)

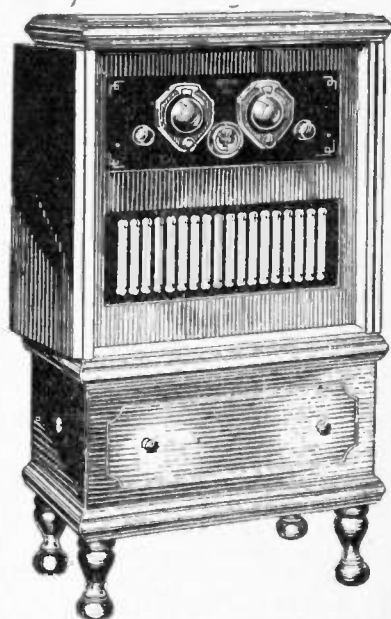


BEAUTIFULLY DESIGNED TABLE MODEL, WITHOUT SPEAKER.

**\$128.50**  
(INCLUDING POWER TUBE)

DON'T CONFUSE STEINITE WITH POWER UNITS THAT OPERATE INDEPENDENTLY AND MERELY ATTACH TO LIGHT SOCKET TO ELIMINATE BATTERIES.

STEINITE USES NO BATTERIES—IS ONE COMPLETE SYNCHRONIZED UNIT. NO CHEMICAL RECTIFIERS, LIQUIDS, CRYSTALS OR CHARGERS OF ANY KIND.



THE HIGH BOY, WITH HIGH-GRADE BUILT-IN SPEAKER. ARTISTIC IN DESIGN, OPERATING WITHOUT AERIAL.

**\$183.50 (Complete)**  
(INCLUDING POWER TUBE)

**ON DISPLAY  
BOOTH 148**

ALL MODELS OPERATE WITH LATEST-TYPE POWER TUBES.

Distributed by

**NATIONAL RADIO & SUPPLY CO.**

141 W. Washington St.

WEstmore 2748

Los Angeles

# Stellar Attractions



John Boles, the well-known motion picture star, has added a Steinite console to his elaborately furnished Hollywood apartment.

## Here's The Dope!

BY K. G. ORMISTON

Well! Our little yarn about the "real performer" last week seems to have stirred up considerable interest, judging by the requests for more dope which we have received.

Meanwhile the set has continued to perform under the most trying conditions to which we could subject it, and has come through every test with flying colors. It is gratifying to attain a selectivity which permits of distant reception within a few blocks of half a dozen or more powerful stations, and yet preserve a tone that has real quality. It is nice to have more volume available than you really want, to have an additional stage of RF amplification up your sleeve when a far-distant station needs it and the static level permits such a high degree of amplification.

The Magnaformer intermediate frequencies used in the circuit have a very high voltage amplification peak with a peak width of the full 10,000 cycles; are well matched and so constructed mechanically that the frequency remains unchangeable permanently.

They are the heart of the circuit, and give it the vital qualities which permit real performance. They are peaked in the neighborhood of 72,000 cycles and are so shielded that they may be mounted close together and parallel without feed-back troubles developing.

The complete wiring diagram of the circuit is given on page 35. The 4 RF amplifiers, two detectors and two audio stages employ 201 A type tubes. The first audio is of the 112 type and the last or output stage of the 171 type.

The set operates on the Quali-Tone loop. This loop is of the mid-tap zero potential type, and is sharply directional in operation. The loop is tuned by a Remler condenser (C1), and is coupled to the plate of the detector through

a midget variable condenser. This arrangement gives greatly increased selectivity over the ordinary two-terminal loop, and added sensitivity due to the regeneration.

The detector is followed by four stages of low-frequency amplification one of which may be cut out by means of a Yaxley jack switch. Both detectors, all RF tubes and the oscillator operate with but 45 volts of plate potential. The oscillator is tuned by a second Remler .0005 mfd. condenser (C-3); this and the loop condenser comprising the two major controls of the set. The oscillator is coupled to the grid circuit of the first detector through the Magnaformer Unicoupler unit indicated in the diagram immediately above the oscillator tube.

The audio stages are coupled by the transformer method and an output transformer protects the windings of the loud speaker and still further improves the quality. Both audio tubes are of the power type, the first having 135 plate voltage and the second 180 volts. Both are biased by suitable "C" batteries.

The filament current of the four RF tubes are controlled by a panel-mounted rheostat with which is incorporated an automatic filament switch by means of which the set is turned on and off. Mounted also on the panel is the potentiometer which controls the grid biasing of the RF tubes. On the sub-panel are two rheostats which are not controls, but remain fixed when once adjusted. One controls the filament voltage applied to the first detector and the oscillator and the second performs the same function for the second detector.

The two power tubes use Amperite ballast resistors as automatic filament control. A radio frequency choke coil

(Continued on Page 34)



# See the **CAGE BOULDIN ANTENNAE** at the Radio Show . . . . .

The latest radio development, a U. S. Navy type cage antenna made of low resistance, permanent wire (*U. S. Patents pending*), will be on exhibition in Booth 27 at the Radio Show.

The Bouldin Antenna is a combination of soft copper wire, silver plated to lower radio frequency resistance . . . then plated with 24-karat gold to prevent oxidation and insure permanency . . . made into a carefully engineered cage antenna that gives the surface capacity for radio signals of more than 300 feet of ordinary aerial wire with the sharp tuning of the 20 foot cage plus the lead-in wire.

Install a Bouldin Cage Antenna . . . enjoy more volume and better programs with an aerial that never corrodes . . . that is always efficient.

**\$15.00 at Your Dealer's or Direct by Mail**

---

## **RADIO TEST LABORATORIES**

**3036 Fifth Ave.  
Phone ROchester 2531**

### **WHOLESALE**

**UNGAR & WATSON, INC., 1366 South Figueroa Street, Los Angeles,  
ELECTRIC CORPORATION, 1050 Santee Street, Los Angeles**

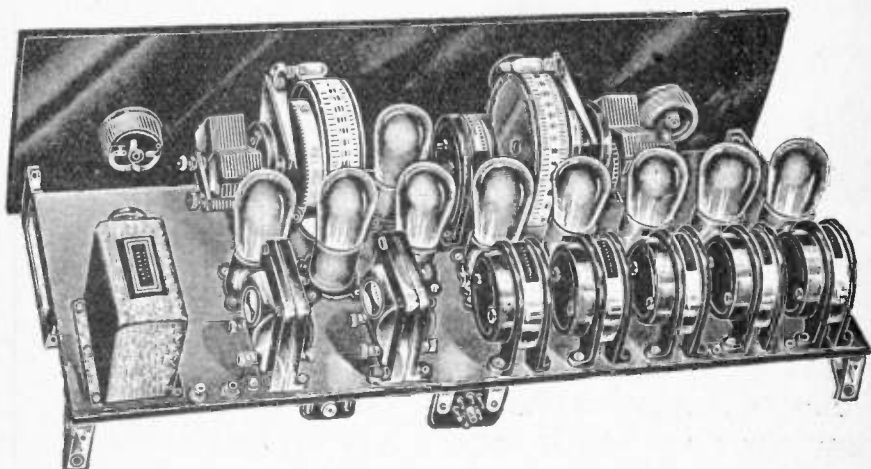
keeps the radio frequency current in the detector output circuit out of the audio transformers, and suitable bypass condensers are provided across the primary of the first audio transformer and also across the entire 45 volt "B" supply circuit.

The illustration of the set indicates the general layout. The arrangement is such that the fan who delights in "building his own" should experience no difficulty in assembling and wiring, and with less of the resultant "grief" usually experienced by the home-con-

structor in attempting the construction of a set of this type.

Next week we will give you detailed constructional information on the set; together with the results of an early morning battle with King Static in an effort to tune in our elusive friend 2BL in Sydney. It's winter with him and transmission is at its best at that end of the line but the ether is a bit noisy (to put it mildly) here.

Anyway, if the noise level will permit us to use that ninth tube we expect to hear 2BL ask his listeners if they have seen "Our 'arbor!"

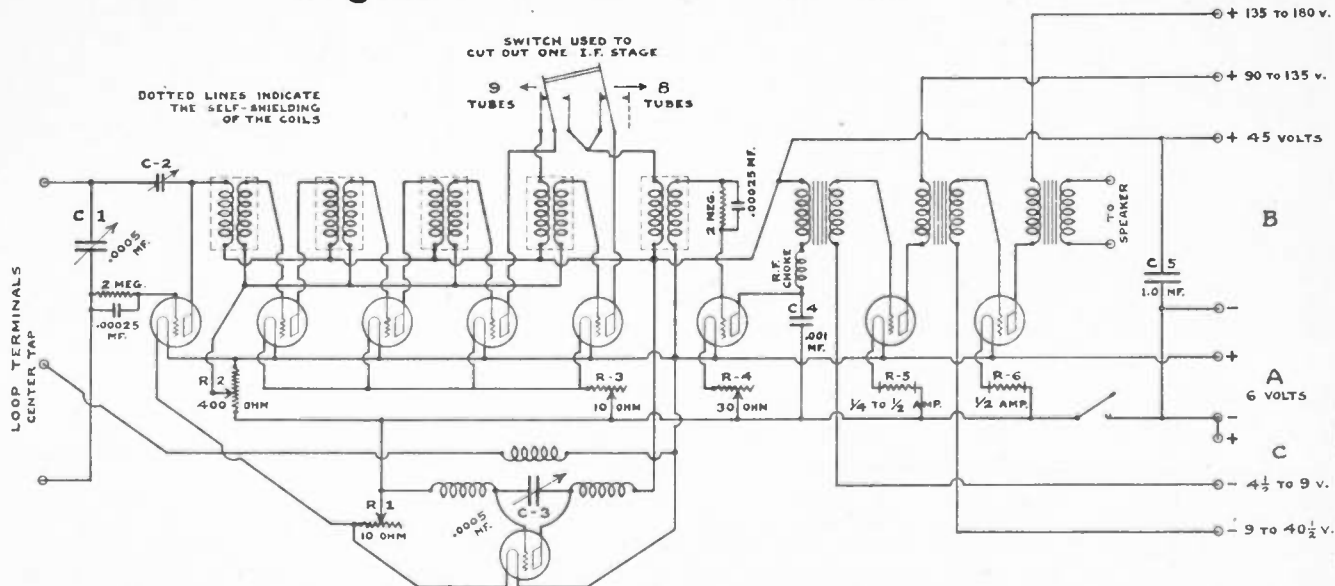


#### LIST OF PARTS FOR MAGNAFORMER 9-8

- 1 Formica Front Panel, 7x24 $\frac{1}{2}$  in.
- 1 Formica Sub-Panel, 9x25x $\frac{1}{4}$  in.
- 5 Magnaformer Transformers, Unit R. F. No. 61.
- 1 Unicoupler, Unit C. U. No. 71.
- 1 Remler No. 110 Drum Type Dial with Control.
- 1 Remler No. 110-R Drum Type Dial with Control.
- 2 Remler .0005 mfd. Variable Condensers.
- 9 Benjamin Sockets No. 9044.
- 2 Benjamin Sub-Panel Brackets 2 in. high, No. 8629.
- 2 Ferranti Audio Transformers, A. F. No. 4 or A. F. No. 3.
- 1 National Tone Filter.
- 1 Samson Radio Frequency Choke Coil No. 125.
- 2 Aerovox .00025 Grid Condensers, with Mountings, Type 1475.
- 1 Aerovox .001 Fixed Condenser, Type 1450.
- 1 Aerovox 1 mfd. By-Pass Condenser, Type 200 Short.
- 2 Durham 2 Megohm Grid Leaks.
- 1 Frost DeLuxe 400 Ohm Potentiometer.
- 1 Frost DeLuxe 6 Ohm Combination Rheostat and Battery Switch.
- 1 Frost DeLuxe 10 Ohm Rheostat.
- 1 Frost DeLuxe 30 Ohm Rheostat.
- 5 Frost Tip Jacks.
- 1 Frost Gem Midget Variable Condenser.
- 2 No. 112 Radiall Amperites, with Holders.
- 1 Yaxley Cable Connector Plug No. 660.
- 1 Yaxley Radio Jack Switch, No. 60.
- 2 Feet Acme Bus Bar Wire, No. 14 round tinned.
- 5 Feet Acme Flexible Spaghetti Covered Wire.
- 1 Quali-Tone Loop—Duro Metal Products Co.
- 1  $\frac{1}{2}$ x $\frac{3}{4}$ x2 in. Wood Block for Sub-Panel Support.
- 2 in. Right Angle Supports for Supporting Rear of Sub-Panel.
- Wire, Screws, Lugs, Nuts, Bolts, Solder.

# Radio Doings

## Magnaformer 9-8 Circuit



SEPTEMBER  
3  
1927

25 HEAD - LOS ANGELES

# TRUE MUSICAL RECEPTION

**FERRANTI**

## Audio Frequency Transformers

Recommended for  
Best Results  
with  
Power Tubes

**Type AF-3 \$12.00**

Ratio:  $3\frac{1}{2}$  to 1

Dimensions  
 $2\frac{1}{4}" \times 3" \times 3\frac{1}{4}"$

Weight 1 lb. 14 oz.



A Superior  
Audio Transformer  
at  
Moderate Price

**Type AF-4 \$8.50**

Ratio:  $3\frac{1}{2}$  to 1

Dimensions  
 $2\frac{1}{4}" \times 3" \times 3\frac{1}{4}"$

Weight 1 lb. 8 oz.

**Type OP-1 \$10.00**

Ratio: 1 to 1

Dimensions  $2\frac{3}{4}" \times 3" \times 3\frac{1}{4}"$

Weight 2 lb. 10 oz.

Renders radio reception more musical, eliminates direct current from the loud speaker and insulates it against the high plate voltages used with power tubes.

**FERRANTI AF-4 TRANSFORMERS  
EXCLUSIVELY SPECIFIED FOR THE**

**Magnaformer**

**9-8 CIRCUIT**

**FERRANTI Inc.**

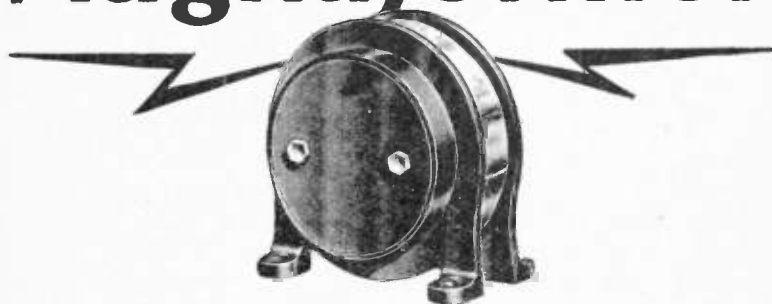
130 WEST 42nd STREET, NEW YORK, N. Y.

**FERRANTI Ltd.**  
Hollinwood, England

**FERRANTI ELECTRIC Ltd.**  
Toronto, Ontario, Canada



# Magnaformer



**Intermediate Frequency Transformers**  
in the

## **Magnaformer** **9-8 Circuit**

establish a new standard of radio performance, convincing the most skeptical experts that

## **Magnaformer**

produces tonal quality, great volume, amazing selectivity and unlimited range heretofore unobtainable. Completely assembled sets will be on display at the following booths:

<b>Radio Doings Laboratory</b> .....	<b>183-184</b>
K. G. Ormiston	
<b>Gray &amp; Danielson Mfg. Co.</b> .....	<b>25</b>
George Curtis, Sales Mgr.	
<b>Sott Sales Company</b> .....	<b>47-51</b>
W. D. Scott - Frank Emmet	

# FROST-RADIO

## Infradyne Magnaformer

### And Other Famous Circuits Specify Frost Parts

Frost Radio Parts are specified in the season's most popular circuits. They have been selected by the best known technical editors because of their unflinching performance and excellent operating qualities. Demand Frost Parts for your next set.

#### DeLuxe Bakelite Rheostats

New and improved air cooled bakelite rheostats. Resistances wound on bakelite instead of fiber. More turns of wire give smoother regulation. Cool-Silent-Lasting-Smooth. Single hole mounting. Beautiful finish throughout. New style black bakelite knob. Also made with combination filament switch.

Rheostats 2 to 75 ohms. ....\$1.00

Potentiometers 200 to 6000

ohms .....\$1.25 to \$2.50

Rheostats with combined

switch .....\$1.25

#### DeLuxe Variable Resistances

New type—better than ever. In new style black bakelite case. Dust proof cover. Selected by leading set manufacturers for oscillation, tone and volume control. Roller contact gives smooth and continuous adjustment of resistance. No jerks—no jumps. In either two or three terminals.

All resistance ranges, 0 to

2000 to 0 to 500,000 ohms. \$1.25

With filament switch.....\$2.10

#### Frost DeLuxe Gem Rheostats

Brand new! A small size rheostat that is a good little rheostat! For all circuits where space is limited. Bakelite winding strip-metal frame, nickel plated. New style bakelite knob.

Rheostats 3 to 30 ohms. ....\$ .75

Potentiometers 200 and 400

ohms .....\$1.00

Rheostats with filament

switch .....\$1.00

#### Fixed Resistances and Tip

##### Jacks

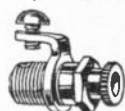
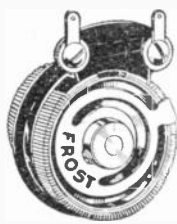
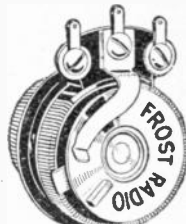
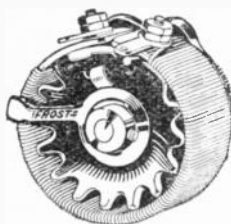
New style fixed resistances wound on flexible bakelite—not fiber. Cord tip jacks make perfect contact.

Fixed resistance .4 to 50

ohms.....\$ .15

100 to 1000 ohms..... .25

Cord tip jacks—per pair.... .30



Herbert H. Frost, Inc.

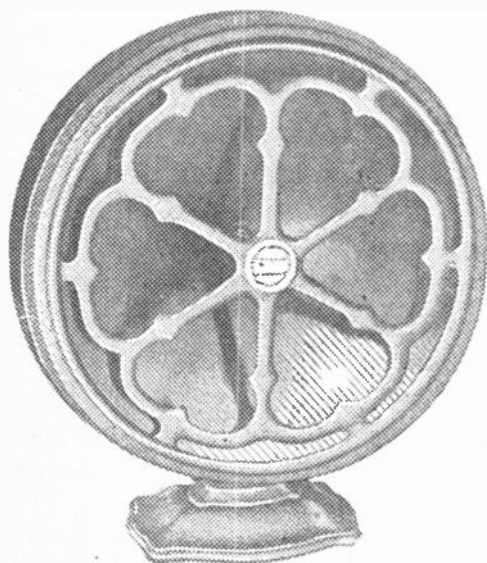
SCOTT SALES CO., Representatives

443 So. San Pedro St.

Los Angeles

# ATWATER KENT RADIO

## Model E Speaker



Price \$32.00

Here is a new speaker that does full justice to any receiving set, no matter whether it is new or old.

The Model E has an entirely new type of operating unit and a new method of cone suspension which allows the cone to respond to the faintest vibration over its entire surface, with the result that you hear the whole range of tones from the lowest to the highest.

**RAY THOMAS INC.**  
*Atwater Kent Distributor*

**1248 S Hope St. WE 6334**  
**LOS ANGELES**

# ATWATE R A

*Overshadows*

SEE

*“Spirit of*

and the Pooley equipped  
Booths No. 99,

*Radio Show Beautiful,*

**AMBASSADOR**

# R KENT D I O

*the Radio Show*

THE

*the Air''*

Atwater Kent models in  
100, 101, 102

*September 5th to 10th*

AUDITORIUM



# ATWATER KENT RADIO

## NEW

# "B" Power Unit



**B Power Unit**  
Price \$52.50

Backed by more than three years of research and experimentation, this new power unit has the Atwater Kent rectifier tube — automatic cut-out, relay switch with condensers that will stand up. Hum and heating are absolutely eliminated. Automatic in operation and needs no adjustments.

**RAY THOMAS INC.**  
*Atwater Kent Distributor*  
**1248 S. Hope St. WE 6334**  
**LOS ANGELES**

# Dealers Attention

DON'T FAIL TO SEE

# KENNEDY



AT

## Booth 176

RADIO EXPOSITION

Ambassador Hotel

Exclusive California Distributors

# KIERULFF & RAVENSCROFT

RADIO EQUIPMENT

1630-32 S. Los Angeles  
LOS ANGELES



654 Howard St.  
SAN FRANCISCO

# CROSLEY

6 Tube  
**BANDBOX**

The new Crosley Bandbox is a receiving set of astonishing sensitivity.

And it has even greater selectiveness and tone quality.

Illuminated single dial control. Frosted brown crystalline metal cabinet.

Crosley has always been recognized as the leader in the popular price field.

Bandbox equipped for operation direct from light socket, \$137.50.

**Bandbox, \$60.50**

**Console, \$99 to \$154**

**New Crosley Tilt-Table Speaker  
\$30.25**

## *THE ELECTRIC CORPORATION*

1050 Santee St.

(Corner 11th)

Los Angeles

# FADA *Radio*

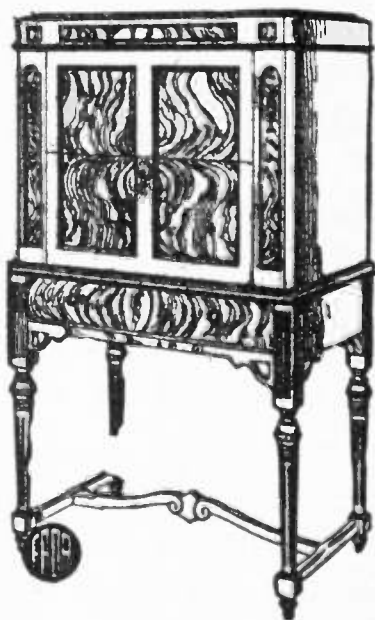
## The New Harmonated Reception

*See It at the Radio Show*

Until you have heard the improved Fada Harmonated reception you cannot realize the new heights of tone quality and reproduction. Fourteen new and improved engineering points give to the new Fada Radio even more power, distance, selectivity and clearness.

The Fada Eight Console (illustrated) is the best instrument that money can buy. Two-dial control, eight tubes, three stages of audio frequency and complete individual stage shielding, make this the last word in radio sets.

The newest Fada improvements are also embodied in the other models.



Sets Priced from \$99 to \$420

---

## THE ELECTRIC CORPORATION

SAN FRANCISCO

OAKLAND

LOS ANGELES

*Exclusive Distributors for California, Nevada and Arizona*

# AFTER THE SHOW

You will want an attractive  
Console or Cabinet for your  
receiving set.

We are making a special offer  
on console pictured below.



Model 50

**\$12.50**

Hardwood Construction  
Finished in Lacquer.

Accommodates Panel 7x12-30 in.

We specialize in building your  
Radio Furniture to your speci-  
fications.

Estimates gladly given.

Special Discount to Dealers

**Johnson's  
Cabinet Works**

3635 Avalon Blvd.

AXridge 8662

Los Angeles

## The Man on the Cover A. Atwater Kent

The creator of the world's most widely known radio set is here depicted looking a little more austere than he really is. Each year he personally spends a tremendous fortune in presenting over the air the most talented artists of this age. Galli Curci, John McCormack and Louise Homer are among those whom he has induced to appear before one of New York's most potent network microphones. Literally millions of listeners-in have been enthralled by these beautifully inspiring voices that would otherwise be denied them. Thus it is proven that this great friend of the radio listener cannot be so austere inwardly.

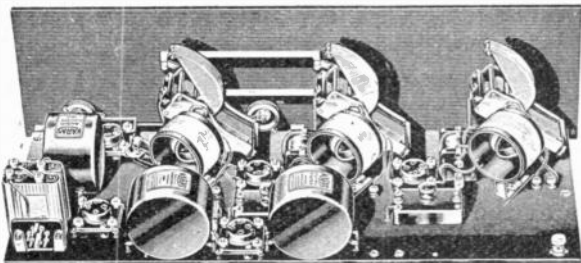
Throughout this country and abroad he is acknowledged to be radio's pre-eminent patron. From the purely business standpoint he is among the leaders in the manufacturing of receiving sets. Beginning his now colossal career as an obscure electrical engineer and designer on an unpretentious Philadelphia street, A. Atwater Kent built his enduring foundation. Sincerity of purpose and sound application began to distinguish him from among other men of his profession. Now, after scarcely more than twenty years, the top of the ladder is his and it is with a feeling of service to his fellow man that he is offering his admirable best in radio entertainment and in radio reception.

KPO is being heard in the Hawaiian Islands practically every night. This was recently reported by a resident of the Island of Maui in the Hawaiian group. According to a letter received from Mrs. H. G. Van Grundy of Haiku, Maui, KPO comes in wood good loud speaker volume almost every evening. "We enjoy your programs out here in mid-Pacific," said the writer. As the island of Maui is more than 2000 miles in direct airline from San Francisco, this is declared by radio experts to be unusual transmission for the summer months, when conditions are usually at their worst.

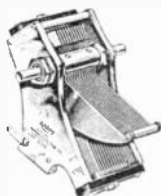


# KARAS 2-Dial Equamatic

## Is Remarkable Distance Getter



(D) The NEW Karas Output Filter. Price \$8.00.



(B) The NEW Karas S. F. L. Condenser, with removable shaft. Price: .00025 mfd., \$5; .00037 mfd., \$5.25; .0005 mfd., \$5.50.



(E) Karas Micrometric Vernier Dials. Price \$3.50 each.

Pacific Coast radio listeners are enthusiastic over the remarkable distance-getting record of the NEW Karas 2-Dial Equamatic. With this marvelously sensitive and tremendously powerful receiver Coast stations come in with great volume—Eastern stations are heard with clarity and purity of tone rare in any 5-tube set.

### Completely Balanced and Neutralized

The Karas 2-Dial Equamatic is the perfected product of the Karas engineering department, who have brought to a high degree of development the Equamatic principle, which gives great selectivity, wonderful tone, tremendous volume and simplicity of tuning. There are but two dials to use in tuning. These are fitted with Karas Micrometric Vernier Dials, insuring split-second control of tuning.

### Uses the NEW Karas Parts

The Karas 2-Dial Equamatic uses the NEW Karas Type 28 Impregnated Audio Transformers, NEW Karas S. F. L. Removable Shaft Variable Condensers, the NEW Karas Output Filter, also Karas Equamatic Inductance Coils, Karas Dials, and Karas Sub-Panel Bracket and 2-Dial Control System. These parts are revolutionary in their design, give finest results than any others you could possibly use, and insure a receiver of superb quality. You can secure these Karas Parts and other standard parts needed to build this receiver, from your dealer. Mail the coupon below for complete data on this receiver—also write for complete wiring diagram and full information about the NEW KNICKERBOCKER 4. Be sure to mail the coupon today.



(A) The NEW Karas Type 28 Audio Transformer. Price \$8.00.



(C) Karas Equamatic Inductance Coils, Set of 3 used in the 2-Dial Equamatic. Price \$12.00.

## KARAS ELECTRIC CO.

4035-1 North Rockwell Street, Chicago

### Mail Coupon for Complete Information

Fill out and mail the coupon at right for complete information about the Karas 2-Dial Equamatic, and wiring diagram and information about the Karas Knickerbocker 4.

KARAS ELECTRIC CO.,  
4035-1 North Rockwell Street, Chicago.

Send me complete information about the NEW Karas Equamatic 5-Tube Receiver—and wiring diagram and data on the Karas Knickerbocker 4.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_

# KUPROX

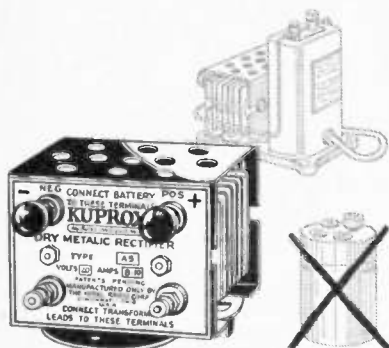
**No Bulbs - No Liquids - No Noise**

**DRY ALL-METAL REPLACEMENT UNITS**

## Eliminate

## Acids Liquids Bulbs

## In Trickle Chargers and Power Units



## KUPROX

**No Bulbs - No Liquids  
No Noise**

can be attached to any standard trickle charger or power unit in less than two minutes without tools of any kind

Merely disconnect the acid jar and throw it away—acid and all. Install KUPROX in its place and make two simple binding post connections. Attach the charger to the battery and forget it.

**Price, Complete  
ready for installation**

**\$4.50**  
from any  
radio dealer

Modernize your trickle charger or "A" power unit—throw away the messy acid jar—install the new KUPROX all-metal replacement unit—eliminate all troubles, all the attention, all the bother.

THE KUPROX dry, all metal unit replaces acids, liquids, bulbs with their constant watering and attention. It brings your old trickle charger or power unit up to date—makes it dry, silent, everlasting.

**Makes any trickle charger, dry, silent, everlasting**

KUPROX can be attached to any trickle charger or power unit. Once installed your charger requires no watching, no watering, no attention of any kind. The KUPROX replacement Unit is all-metal. It uses no acids, no liquids—it has no moving parts—nothing to wear out.

**KUPROX doubles the charging rate—  
Requires No Attention**

KUPROX doubles the charging rate of any standard electrolytic charger. Keeps your battery always in tip-top shape, packed full of power. If your dealer cannot supply you, write to us for information as to where you may purchase KUPROX. If you intend purchasing an "A" eliminator or power unit, insist that it be KUPROX-equipped.

[Write for free literature illustrating the new  
KUPROX dry Trickle Charges and Trans-  
formers (A, B, and C Battery Eliminators).]

**THE KODEL RADIO CORPORATION**  
San Fernando Bldg., Los Angeles

# ELECTRIC RADIO POWER

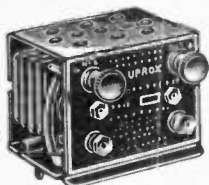
Without Acids, Liquids or Charging Bulbs—  
No Watering or Other Attention



**KUPROX**  
Transifiers

Dry, permanent, free of all hum, provide all necessary A, B radio power . . . in separate A, B and Combination Units. For all sets and circuits.

\$15.25 to \$102.50



**KUPROX**

Replacement Unit

Eliminates acids, liquids, bulbs from trickle chargers and power units. Makes any standard charging unit, dry, trouble-proof.

\$4.50



**KUPROX**

Trickle Chargers

Dry, noiseless, need no attention. Two models, 1-amp, trickle and booster charger, giving 1 and 2½ amperes.

\$11.00 and \$19.50

# KUPROX

*No Bulbs • No Liquids • No Noise*

Radio is really electric, at last! KUPROX Radio Power Devices, the revolutionary new development of scientists, supply all radio power without the use of acids, liquids, or charging bulbs—direct from the light socket.

KUPROX Radio Power Devices are dry . . . require no watching or watering. May be operated with any radio set . . . just plug into the light socket and snap the switch. See the Kuprox display at the Radio Show.

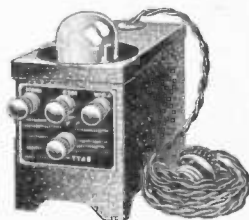
The Kodel Radio Corporation  
Cincinnati, Ohio

**BERTRAM SMITH**

Western Sales Manager

400 San Fernando Bldg.

Los Angeles



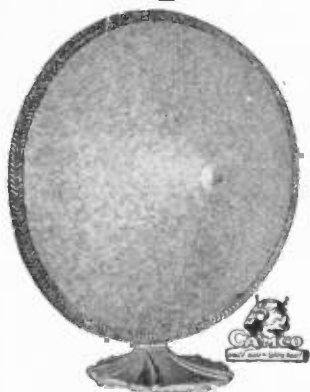
**KUPROX**

Trickle-B-Recharger

Charges dry cell "B" batteries. Makes any power unit of dry cell batteries, makes them last much longer. Complete.

\$10.50

## BLUE and GOLD Cannon-Ball Cone Speaker



**MODEL 2**  
**\$10.00**

Has extra heavy Marvellum paper and large, powerful, adjustable unit; combines all the desirable qualities of a speaker—tone, quality, volume, appearance.

**PEDESTAL TYPE**  
Model 4 (Closed Back)  
**\$21.00**

**TABLE AND WALL TYPE**  
Model 5 (Open Back)  
**\$13.50**

Models 4 and 5 have high-grade mahogany frames and will harmonize with any furniture in your home.

### ALSO

36-in. Giant Cone Kit ..... \$10.00  
Phonograph Unit ..... 4.00

**Cannon & Miller Co., Inc.**  
SPRINGWATER, N. Y.

California Distributor

**W. J. PLATT**

420 E. Cypress Ave. Phone 623-J  
Glendale, Calif.

*Sold by All Leading Radio Dealers*

## Radio Doings Special

### For Better Reception and Broadcasting



What promises to be one of the most unique services to Radio in the United States has been organized by the Radio Service Club of Southern California, which occupies the entire top floor of the beautiful Sierra Building on Western near Santa Monica Boulevard, Los Angeles. Mr. T. E. Tylor (photo above), is sales manager.

There are two distinct departments in the project, the first being the Service branch, which is equipped to render to members of the club immediate service between 8:00 A. M. and midnight, Sundays and holidays included. Upon receipt of a telephone call, it is relayed at once to the dispatcher's office, and a service truck is sent out instantly, reaching any home in the five-mile zone within fifteen minutes. All servicemen wear attractive uniforms of French grey, Sam Brown belts and visored caps bearing the insignia of the organization, a green and red parrot perched on a cone speaker. This brilliant color scheme is carried out also on trucks and staff cars.

Managing technical directors are J. E. Sweet and T. A. McCarty, well known in the local field. They have associated with them as chief technician, Wm. A. Dickson, I. R. E., formerly with So. California Music Co., M. T. Greer, formerly with Western Electric, and others of similar experience.

The other branch of the club is the Better Broadcasting Association, Mr. Tylor's especial interest. Its aim is to find out what the radio public really wants in broadcasting programs, and to bend every effort to improve broadcasting in general. From the laboratory on the first floor a remote control panel links the club with KGFI. Space prevents more detail in describing this unusual organization in this number of "Radio Doings," but readers should visit the "Green Parrot Booth" at the Radio Show Beautiful for further information.





## See It At the Show

At the recent San Francisco and Chicago Radio Shows ARGUS was a pronounced hit—the center of attraction for those interested in electrically powered radio.

ARGUS is a REAL ALL-ELECTRIC POWER RECEIVER! Completely self-contained. No batteries, no eliminators, no chargers, no attachments—just plug in the nearest light socket or wall plug and your set is ready to play!

### *Argus Tone Is Incomparable*

You've never heard its equal, even with the finest power amplifier. A demonstration will convince you. Ready for immediate delivery.

Table Models and Consoles—\$135, \$210, \$320, \$435

#### *Pacific Coast Distributors*

#### **KIERULFF & RAVENSCROFT**

(Exclusive Distributors for California)

1630 S. Los Angeles St., Los Angeles.

654 Howard St., San Francisco.

**GLOBE ELECTRIC CO.**

Seattle, Wash.

**HUNT & MOTTET CO.**

Tacoma, Wash.

Manufactured by ARGUS RADIO CORP., 257 W. 17th St., New York City



# Gallery of



**John Daggett**  
**KHJ**



**Robert Hurd**  
**KFI**



**Charles Hamp**  
**KPLA**



**Harold Isbell**  
**KNX**



**Aimee S. McPherson**  
**KFSG**



**Eddie Albright**  
**KNX**



**Bill Ray**  
**KFWB**



**Mary Carter**  
**KFVD**



**Gerald King**  
**KFWB**



**G. Allison Phelps**  
**KNTR**



**Tom Mitchell**  
**KNRC**



**E. K. Barnes**  
**KMTR**

# Announcers



**William Rainey**  
P. C. Network



**Leslie Adams**  
KFI



**Jean Paul King**  
P. C. Network



**Hal Nichols**  
KFON



**Alan Fairchild**  
KFOZ



**Clarence Crary**  
KFON



**A. R. Ainsworth**  
KMIC



**Curtis Peck**  
KPO



**Howard Milholland**  
KGO



**"Mac"**  
KFRC



**Major Mott**  
KFWO



**Edward Ludes**  
KYA

# What Next?

By DR. RALPH L. POWER



Dr. Ralph Power

Jules Verne was way ahead of the times in which he lived, but his "Twenty Thousand Leagues Under the Sea," and the voyage of the good undersea craft, "Nautilus," while fantastically written, has come down to us in the day of the submarine. Verne's efforts

are more or less vindicated and his futuristic creations take on a mantle of respectability and belief.

The Brothers Gernsback, Sidney and Hugo, with their seemingly almost impossible prophetic utterances of the past twenty-five years are still going strong in their self-appointed role of scientific seers. Many of their earlier predictions have already come true, more especially in the field of what we now call television.

Three and a half years ago in the columns of "Radio Doings," the official program for the radio exposition at the Biltmore that year, Ned Lawrence foretold several things about broadcast. He included the belief that radio artists would not continue indefinitely to entertain without remuneration, that radio studios would have practically a 24-hour daily schedule, that country-wide broadcast would prove feasible, and we would hear the President's voice even in the most secluded hamlet. These have already become realities.

All of which is just a sort of prologue to the statement that my guess at least ought to be as good as the other fellows'.

The 1927 Los Angeles radio show will give you the latest and best in every phase of radio activity. There may even be some models of yesteryear by way of contrast.

So you will get both the past and the present. But what of the future? Here is a ripe field of conjecture and speculation. It is without doubt a great field in which a writer's imagination can run riot.

If today we have to pay the neighbor's boy to turn the automatic lawn sprinkler on and off, while we take a jaunt to the beach, tomorrow the situ-

ation will be entirely different. We can enlist the aid of radio to do the job for us at specified times while we are away from home. Even better than this, perhaps, if we leave the house and forget to adjust the regulator we can even do the job via radio from our beach bungalow or mountain retreat.

I always dislike to take the time and trouble necessary to wind the eight-day family clock or even the faithful old vest pocket timepiece. Well, radio ought to help out here, too.

So let's put that down as another conquest to engage the attention of radioists and the next generation or two will find radio doing its little stunt to keep all time implements, except the sun dial, in running order and correct time.

Did you ever start to cuss everything and everybody over the back-breaking job of mowing the front lawn on the old homestead? You might as well be truthful and say yes for few of us have a penchant for giving the verdant lawn a boyish bob. That is, everyone except the nouveau riche with the gasoline propelled lawn cutter mincingly dashing over the greensward in front of palatial domiciles.

Yes, tomorrow will turn the trick. Doze languidly on the verandah with a peppy stogie in your jowl, vigorously punch a button and, lo and behold, radio again does its stuff. The lawn mower prances obediently and faithfully up and down the lawn and cleverly capers across the curves until the job is done.

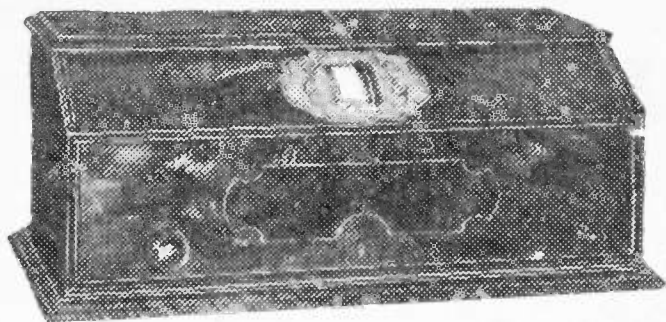
While we're in this back to earth mood, what about the backyard garden? The seeds dry up or we flood them out with an overdose of irrigation. The road runners swallow the pellets if the robins don't beat them to it.

Even if the patch does get a fairly creditable start there is the terrible task of weeding, cultivating, watering and thinning out of the young growth.

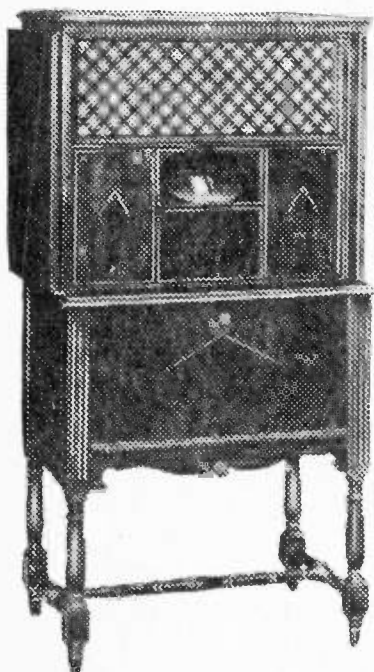
News dispatches from various points in the British Isles, and even in our own country in Pennsylvania, tell us that radio waves have been mobilized to help the poor down-trodden farmer.

It seems that they shoot some radio waves and energy into the ground and, allah, crops grow bigger and better a la Coué. So we might as well go them

(Continued on Page 170)



Model 11—6 tubes, equal to 7 in many sets, metal chassis, fully shielded, single control, illuminated dial. Beautiful two tone walnut veneer cabinet. \$120 without accessories.



Model 14—Floor model. Same circuit as Model 11 but includes latest improved cone speaker and space for batteries. Strikingly handsome—finished in black walnut and ample. \$195 with accessories.

## Lifetime Radio Satisfaction

Remember this when you shop for a radio set. The Zenith Radio Corporation challenges any receiving set to equal or surpass Zenith quality or quantity of tone, selectivity, sensitivity, distance, ease of operation or all around performance. A Zenith set gives you ALL the radio offers—deluxe models for exquisite beauty—electrically operated sets for extreme perfection of operation. Zenith will entertain you royally and loyally for a lifetime. Our dealers are prepared to *prove* this, in your own home. If you don't know one, phone us. Don't be satisfied with less than Zenith—you can't get more. Prices range from \$110 to \$2600, sold on terms.



**CHANSOR & LYON CO., Pac. Coast Distributors**

LOS ANGELES

SAN FRANCISCO

OAKLAND

FRESNO

SEATTLE

TACOMA

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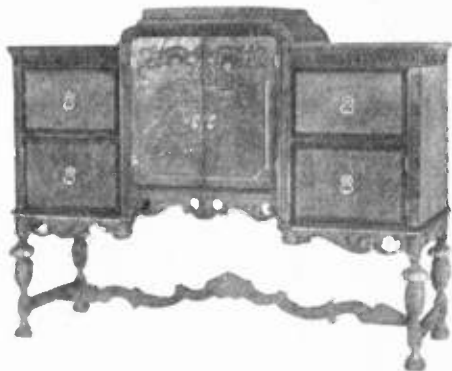
# ARBOR

*See this Marvelous*  
*In Booths 5, 6, 7, 8, 9, 10 at the*

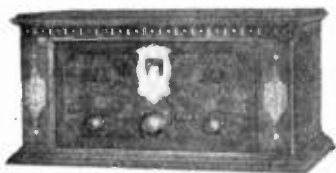
## Arbor-Phone 255

**Combination Radio and Electrical  
 Reproduction of Records**

Combines 6-tube Loftin-White Circuit with electrical reproduction of phonograph records. Needle scratch filtered out. Operates from light socket. No batteries. Single dial control, illuminated and calibrated in wave lengths. Power speaker for both radio and records. Most exquisite cabinet yet conceived.



*The Last Word in Radio Reception at All  
 Wave Lengths—One Dial Control*



## Arbor-Phone 25

6 Tubes. Marvelous Loftin-White Circuit. Single dial, illuminated and calibrated in wave lengths. Distinctive walnut cabinet.

Here comes a new triumph in radio—containing the marvelous Loftin-White circuit—highly selective on both short and long wave lengths. Thus perfect reception is obtained from ALL stations!

The ARBOR-PHONE gives reception with amazing realism and clarity over the entire musical scale, from lowest to highest notes.

SINGLE DIAL CONTROL calibrated in wave lengths and illuminated for ease of operation. Simply and sturdily constructed throughout, with less wiring and fewer connections and parts.

Listen to the ARBOR-PHONE for 15 minutes and you will *know* that it is the final type radio set—*perfected*. Seven models priced from \$72.50 to \$665.00.

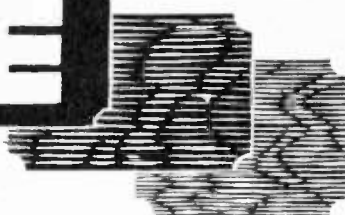
*A. J. Tobey Co.*

1145 Wall Street

Phone WE. 4038



# PHONE



## New Instrument

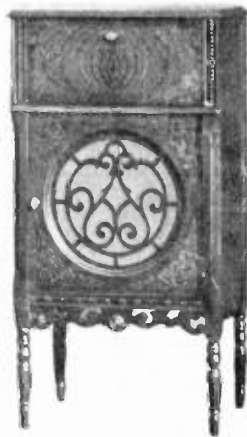
### Radio Show

#### The Marvelous Loftin-White Circuit

The Loftin-White circuit is conceded by leading radio engineers and publications to be the last word in circuit design. It is equally efficient at all wave lengths, which has heretofore never been accomplished.

#### Arbor-Phone 253

6 Tubes. Marvelous Loftin-White circuit. Single dial, illuminated and calibrated in wave lengths. Peerless Speaker faithfully reproduces all tones of the musical scale. Distinctive design with desk effect. Doors on each side of the speaker compartment give access to space provided for batteries or socket power.



#### Arbor-Phone 252

6 Tubes. Marvelous Loftin-White circuit. Single dial, illuminated and calibrated in wave lengths. Arborec speaker faithfully reproduces all tones of the musical scale. Unusually attractive design and the cabinet work is the finest.

### Hear the ARBOR-PHONE Today At One of These Dealers

**LOS ANGELES**  
J. M. Andrews Co.  
1514 South Hope  
Loving's Melrose Radio Shop  
4436 Melrose Ave.  
Potter Radio Sales Co.  
1817 W. 54th St.  
Rogers Electric Fixture Co.  
1478 Western Ave.  
OLYMPIA 6038  
South Hoover Radio Shop  
6801 S. Hoover St.  
Square Deal Battery Station  
627 S. Eustlake Ave.  
Traill & Pratt  
5600 S. Vermont Ave.  
**BALDWIN PARK**  
Zug Service Station  
238 W. El Monte  
**BELLFLOWER**  
Spelring Battery Service  
Pacific and Mayne Sts.

**COMPTON**  
Nygaard Electric Co.  
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**CULVER CITY**  
H. E. Blunt  
6808 Putnam Ave.  
**DOWNEY**  
Darnell Electric Shop  
119 N. Crawford  
**GLEN DORA**  
F. A. Seimars  
208 N. Mission St.  
**HUNTINGTON BEACH**  
Fowler Music Co.  
**HUNTINGTON PARK**  
P. A. Dougherty  
158 S. Pacific Ave.  
**LONG BEACH**  
Radio Super Service  
200 E. 4th St.  
**MONROVIA**  
A. A. Ross  
**NORTH HOLLYWOOD**  
North Hollywood Radio Service

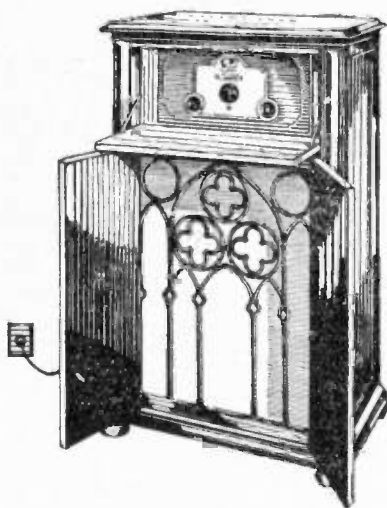
**PASADENA**  
Thomas & Sommerville  
41 N. Broadway  
W. A. Veisley  
1447 N. Lake  
**POMONA**  
Schwartz & Helmer  
228 W. 2nd St.  
**REDLANDS**  
Dale E. Silger  
**REDONDO BEACH**  
H. H. Costley  
200 South Pacific  
**RESEDA**  
Ed Prior  
**SANTA PAULA**  
L. L. Lolyds  
130 N. 10th St.  
**SAUGUS**  
H. C. Cutrell  
**VENICE**  
Young Music Co.  
66 Windward Ave.

**ARBOR-PHONE Distributors for Southern California**

# FREED-EISEMANN

## IN AMERICA'S FINEST HOMES

the outstanding set of the year



### Responsible Dealers

Freed-Eisemann has made it an iron clad policy to entrust its product to a limited list of reliable dealers. You may depend upon the representations of the Freed-Eisemann Dealer. He has been chosen for his integrity and dependability.

*Southern California Distributor*

**A. J. Tobey Co.**  
INC.  
RADIO ACCESSORY JOBBER

1145 SOUTH WALL STREET  
WESTMORE 4038  
LOS ANGELES

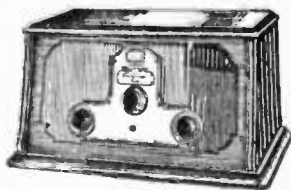
### ELECTRIC

### *Not Electrified!*

A genuine electric receiver using standard storage battery tubes and standard power tube — no batteries, no chargers, no chemicals, no dry cell tubes.

Beautiful Spanish type straight line cabinet. Unusually heavy construction. Stump walnut finish. Contains 84-inch phonic type horn capable of delivering finest tonal reproduction and unusual volume on both low and high notes.

A set fit for the luxurious home.

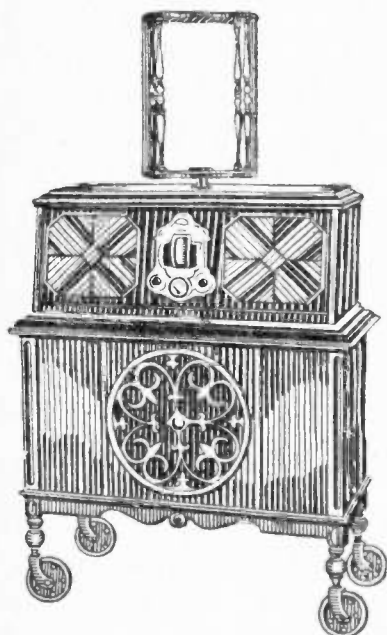


Model NR 9—a six tube, single control Neutrodyne receiver. Completely metal shielded. Set is equipped with the new Freed-Eisemann "INDUCTOR" which guarantees increased amplification on the high wave lengths, and extraordinary selectivity.

# FREED-EISEMANN

*IN AMERICA'S FINEST HOMES*

On Display Booths No. 5-6-7-8-9-10



*Model 800 C-8. Eight tube, single control Loop set. Complete inter-stage shielding and individual tube shielding. Beautiful chest type cabinet. Handsome statuary bronze plate contains meter for voltage readings. Unusual in performance.*

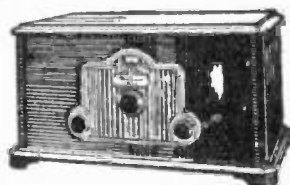
## A COMPLETE LINE

of this out-standing Neutrodyne receiver at a price suitable to every purse.

Electric sets in table and console form.

Six, seven and eight-tube sets. Single control and two control receivers.

A wide assortment of Caswell Runyan Cabinets.



*Model NR-66. Six tube, single control Neutrodyne receiver. Each radio stage is completely shielded by an individually closed metal compartment. Employs the new Freed - Eisemann Inductor. Handsomely housed in a figured walnut veneer cabinet.*

*Southern California Distributor*

**A. J. Tobey Co.**  
INC.  
RADIO ACCESSORY JOBBER

1145 SOUTH WALL STREET  
WESTMORE 4038  
LOS ANGELES

## Is Your Radio Set Working To Your Satisfaction?

When you go to see your lawyer or Doctor you have to pay for the advice you receive. Here is your opportunity to consult specialists in your radio problems without it costing you anything or putting yourself under any obligations.

We will have a complete radio calibration and testing laboratory in Booths 183 and 184 and in conjunction with "K-G-O" of "Radio Doings" will answer all your radio questions and help you solve your radio problems—

# FREE

Our technical engineer, Tom Lambert, has devoted the past twenty years of his life to the designing, manufacturing, and servicing of radio equipment and will be in constant attendance in Booths 183 and 184.

You are cordially invited to bring your problems to us.

## Radio Receiver Service

(Official "Radio Doings" Testing Laboratory)

407 East Pico Street

WEstmore 1402

## Foreign Stations Not So Numerous or Powerful

A revision of the list of foreign radio broadcasting stations has just been completed by the Department of Commerce. Some of the highest powered stations shown are two government stations, RA1 and RA3 at Moscow, Russia, with 40,000 and 20,000 watts, respectively; one national broadcasting station, no call signals given, at Motala, Sweden, 40,000 watts; and one government station at Daventry, England, 5XX, 16,000 watts.

From 500 to 1000 watts at a glance seems to be the average power of foreign stations.

There are in the neighborhood of 425 stations in all the rest of the world, as compared with 696 stations in the United States alone.

## Five Midwest Radio Concerns Merge

Merger of five Middle West radio manufacturing companies with aggregate assets in excess of \$1,000,000 was announced at the conclusion of a ten-days conference of executives of the companies in the Hotel Commodore recently.

The companies merged are the Apex Electrical Manufacturing Company and the Sentinel Manufacturing Company, both of Chicago, the Indiana Electrical Manufacturing Company of Marion, Ind., the Slagle Radio Company of Fort Wayne, Ind., and the Workrite Manufacturing Company of England.

The new company formed by the merger, incorporated under the laws of Delaware with 30,000 shares of no par value stock, will be known as the United States Electric Corporation and will have headquarters in Chicago. The president will be Allen G. Messick, president of the Robbins Body Company of Cleveland.

# **B-T BREMER-TULLY COUNTERPHASE RECEIVERS**

*"Unsurpassed Performance or Quality"*



**YOUR INSPECTION INVITED  
RADIO EXPOSITION, Booths 11 and 107**

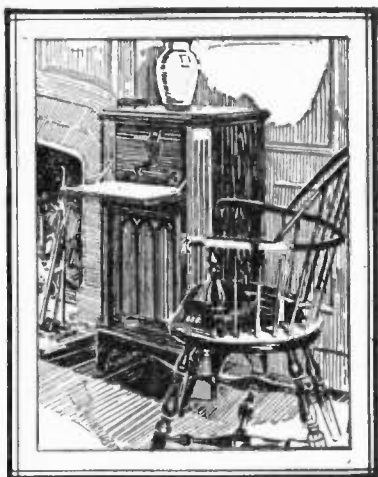
Sold only through Franchised Dealers. A few territories still  
open for franchise.

**REIMAN WHOLESALE ELECTRIC CO.**

*Exclusive Wholesale Distributors*

**218-224 East Third St., Los Angeles. METropolitan 4280**





Model 76 Console

# Cruise the BOSCH

## Armored Against

Bosch "Little Six".....	\$ 68.50
Imperial Console.....	132.50
Model 76 Console.....	195.00
Stratford Console.....	265.00

## Drop In and See Your

### LOS ANGELES

#### Downtown

Bosch-Zenith Sales &  
Service Co.  
926 So. Los Angeles St.  
VAndike 9048

Mattern Electric Co.  
950 West 12th St.

#### Hollywood

Bob Lloyd  
264 N. Vermont Ave.  
Washingt 7933

#### East Hollywood

Quimby's Service  
1860 N. Vermont Ave.  
OLympia 3619

#### Highland Park

F. & H. Radio Shop  
5011 York Blvd.  
GARfield 8962

### Southwest

Bob Brown's Radio Shop  
4353 So. Figueroa St.  
HUmbolt 2192

Fletcher Radio Music Co.  
4705 So. Vermont Ave.  
VERmont 9589

General Supply Store  
46th, cor. Western Ave.  
VERmont 6683

Radio Electric Shop  
1428 W. Santa Barbara  
VERmont 7440

Rimpau Radio  
4808 West Washington  
WHitney 3061

Wm. H. Shepherd  
4402 Avalon Blvd.  
AXridge 6925

Nesa Radio Sales & Service  
2565 W. Pico Nr. Vermont  
BEacon 2723

### Southeast

Vermont Center Radio  
6219 So. Vermont Ave.  
THornwall 7015

Manchester Radio Electric  
1522 E. Manchester  
DElaware 0460

### BALDWIN PARK

Zug's Super Service  
238 W. El Monte Blvd.  
Covina 684-44

### BURBANK

Florence Drug Co.  
348 E. San Fernando Blvd.  
Burbank 426

### FILLMORE

Howard Ellsworth  
Fillmore 44

### GLENDAL

Broadway Radio Electric  
202 East Broadway  
Glendale 3064



*"Have You Heard the Bosch Phonograph  
Re-Creator?"*

# YALE RADIO

Wholesale Distributor  
LOS ANGELES,

WEStmore 3351

# Air With a CRUISER

## Interference

Royal Cruiser.....	\$ 85.00
Model 66.....	99.50
Milan Console.....	285.00
Model 57 Console.....	340.00

### Nearest Bosch Dealer:

#### GLENDORA

J. J. Peyton & Son  
108 No. Michigan St.  
Covina 210-52

#### HUNTINGTON PARK

P. A. Dougherty  
158 So. Pacific Ave.  
Delaware 4852

#### LOMITA

Calkins' Hardware  
1129 Narbonne  
Lomita 115

#### LONG BEACH

Kelm Radio Co.  
147 E. Fourth St.  
Long Beach 618-329  
Mills Electric Co.  
326 Pine Ave.  
Long Beach 649-61  
Radioland Service  
734 E. Anaheim Blvd.  
Long Beach 666-239

#### MONROVIA

J. H. Terry  
416 So. Myrtle Ave.  
Green 556

#### OCEAN PARK

Pier Ave. Radio Co.  
142 Pier Ave.  
Santa Monica 610-94

#### PASADENA

Hardy Radio & Music Co.  
1010½ So. Fair Oaks  
Elliot 1526

Kadley & Yeisley Music Co.  
1447 North Lake Ave.  
Niagara 2510

Thomas & Sommerville  
41 North Broadway  
Terrace 0815

#### RIVERSIDE

Riverside Music Co.  
622 West Ninth St.  
Snyder Radio Shop  
2595 New Magnolia Ave.

#### Model 57 Console

#### SAN LUIS OBISPO

Merrifield Music Co.  
862 Higuera St.

#### SAN PEDRO

San Pedro Electric Co.  
263 West Sixth St.  
San Pedro 884

#### SANTA ANA

Pribyl's Brunswick Shop  
506 North Main St.

#### SANTA BARBARA

Rdaio Sales & Service Shop  
1015 State St.

#### SANTA MARIA

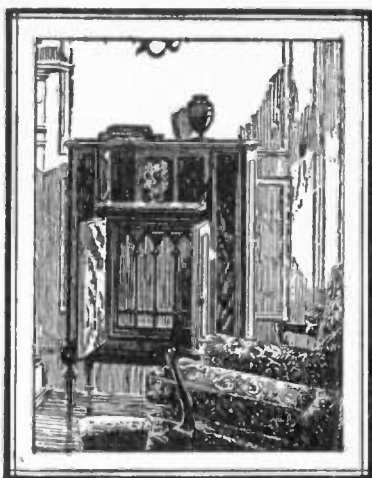
S. T. Primmer  
957 Main St.

#### UPLANDS

Ross Auto Electric Shop  
376 Second Ave.

#### WILMINGTON

Mark P. Johnson  
119 West Anaheim Blvd.  
Wilmington 455



*"Have You Listened to the Bosch Ambotone  
Speaker?"*

# ELECTRIC CO.

Bosch Radio Products  
CALIFORNIA

1111 WALL STREET



# Key to the Air



**with the ATWATER-KENT**

Do you wish to get greater satisfaction with your Atwater Kent? You know that your one-dial Atwater Kent set is worth the money that you paid for it.

You did not expect it to do all that your neighbor's \$500 tentuber would do, any more than you would expect a medium-priced car to equal the performance of a Rolls-Royce, but haven't you often wished that your set would have better selectivity and greater volume on those distant stations? *Now you can do it*—a new, clever invention makes it possible for you to do all that *any* set can do—to play stations that you never heard before.

Connect the new Selectrol to your one-dial Atwater Kent receiver, and you will have all the

power of the highest-priced multi-tube set.

It's not a wavetrap, but an auxiliary stage of Quadraformer amplification *that requires no extra tube or batteries*, and doesn't affect the one-dial control of your set.

You tune the stations in *with the one dial on your set* just as you always did, and you will be most happily surprised with the excellent performance and unusual results.

You will have to hear it to believe it. You will get more DX reception—more selectivity—more volume—better tone quality, and you will use less power.

If you own any model of the one-dial Atwater Kent, phone your dealer today to bring out this amazing new accessory and let you hear the difference it makes. If it doesn't sell itself, *don't buy it*.

## How The SELECTROL Works

Amplification is one of the vital things in a radio receiver. It is necessary for tone quality—for distance—for selectivity—for everything that makes radio enjoyable.

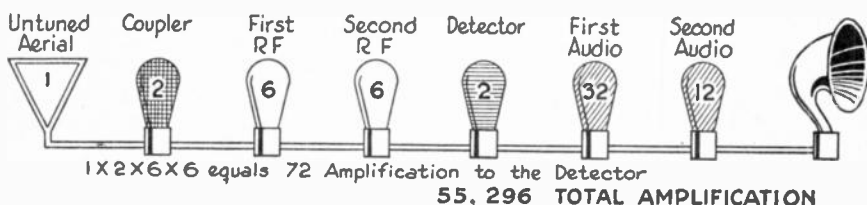
The designers of the radio receivers with which this Selectrol is intended to be used desired simplicity of control because they believed, rightly, that the majority of people would prefer a set simple to tune. In order to make a successful one-dial set, they found it necessary (not having discovered the clever Selectrol circuit) to add an untuned aerial coupling stage, consisting of an extra vacuum tube and a choke coil (or resistance), in front of the usual five-tube set.

This method of single-dial control does not

allow for aerial tuning, consequently the amplification of 10 gained when the aerial is tuned is missing. And even the extra tube used does not compensate for this loss. It is a coupling tube—and as such has a relative amplification of only 2. If the radio receiver is efficient the amplification of each stage is approximately as follows:

Untuned aerial circuit.....	1
Tuned aerial circuit.....	10
Each radio frequency stage, untuned.....	2
Tuned .....	6
Detector stage .....	2
First audio stage .....	32
Second audio stage.....	12

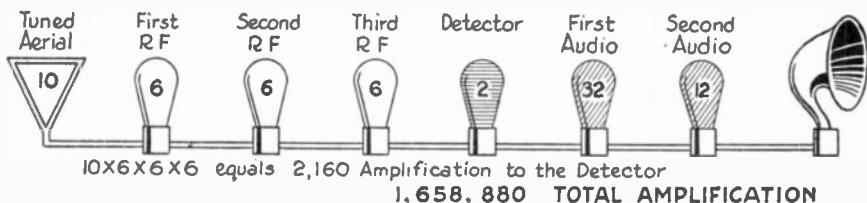
With this in mind, consider the following analysis of the one-dial Atwater-Kent.



The Selectrol is simply a clever adaption of the Quadraformer system of radio frequency amplification, so designed that when it is connected between the aerial and ground and a radio receiver like that shown in Chart B it tunes both the aerial and the coupling tube, CHANGING THE COUPLING TUBE INTO AN ADDITIONAL HIGHLY EFFICIENT STAGE OF

RADIO FREQUENCY AMPLIFICATION—without eliminating the desirable one-dial tuning characteristic of the receiving set!

The analysis chart below shows what happens when the SELECTROL is added to the set shown in the chart above. 32 times the amplification and 9 times the selectivity!



Made in two cabinet models. Model A has a metal cabinet finished in two-tone brown crystal lacquer. Model B has a cabinet finished in rose-wood to match A-K Models 30 and 32. The price is \$19 complete, for either.

DEALERS: Stocked in Los Angeles by PACIFIC WHOLESALE, INC., RADIO SUPPLY Co., and YALE RADIO ELECTRIC. In Santa Ana by WILLIAMS & KLENTZ. In San Francisco by COAST RADIO SUPPLY Co., and UNITED RADIO SUPPLIES Co.

Manufactured by  
**GEARHART-SCHLUETER RADIO CORP.**  
 FRESNO, CALIFORNIA

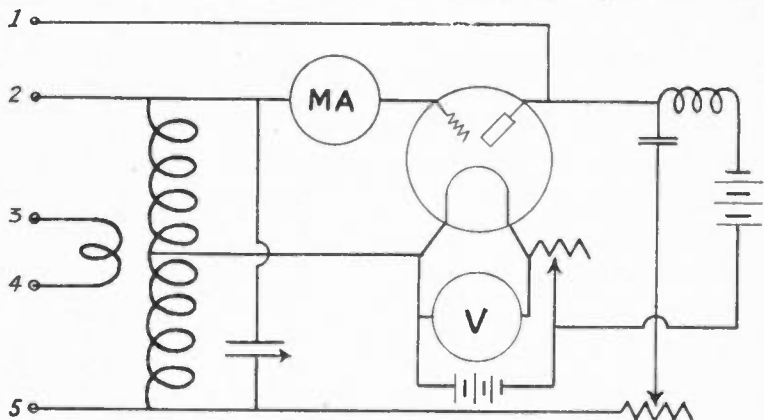
# A Laboratory Oscillator

By E. K. HAYES\*

In designing a radio frequency oscillator a few of the most important considerations are a pure sine wave, minimum output variation, stability, adaptability to various uses, etc. The oscillator herein described should make an excellent outfit for the experimenter and home laboratory, and satisfies to a large extent the above conditions.

The LC circuit is a center tapped inductance with a suitable condenser for covering the desired frequency band. The milliammeter in the grid circuit indicates resonance of the circuit to be

be controlled with this resistance without having any appreciable effect on the frequency, thereby making it possible to adjust the voltage to a constant value over a wide range, a very desirable condition when measuring the gain of high frequency R. F. transformers. As for adaptability, the numbers in the diagram indicate terminals brought out to the panel for the following purposes: No. 1 is for coupling the oscillator to another circuit through a small fixed capacity, convenient for comparing capacity or inductance. No.



measured by the "dip" method. It also indicates the oscillatory state of the vacuum tube. The blocking condenser in the plate circuit should be big enough to have negligible frequency reactance within the range covered, and likewise the R. F. choke should have no resonance points. The variable feedback resistance may be 10,000 ohms or more, depending on the type of tube used. The purpose of the resistance is to adjust the voltage feedback so that the tube is operating on the straight portion of its curve. By this method harmonics are reduced to about 4% of the fundamental.

The output of the oscillator may also

2 and No. 5 are for a vernier or a decade condenser. No. 3 and No. 4 are connections to a one turn pick-up coil which is used as a coupling medium to vacuum tube volt meter set ups, etc.

Any distortion of wave form present is materially reduced in the transfer of E.M.F. from the oscillatory circuit to the pick-up coil. Any method of modulation adaptable to your needs may be employed. The writer uses a General Radio 1000 cycle audio oscillator, which is satisfactory for most purposes. For testing and neutralizing radio sets a buzzer will fill the bill. A UX120 is the ideal tube for this oscillator and has plenty of output. It is more constant than either an "A" or 199 type.

\*Lab. of Radio Standards.



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*The New Completely AC Operated*  
**Stromberg-Carlson**

*will be shown in*

**Booths 103 and 105**

Radio Show Beautiful

AMBASSADOR AUDITORIUM

SEPT. 5 TO 10



**Stromberg-Carlson**

Will Be Sold By a Leading Dealer In Every  
Community of Southern California

Stromberg-Carlson Merchandise Is Not High Priced

*Distributed In Southern California By*

**WESTERN RADIO, Inc.**

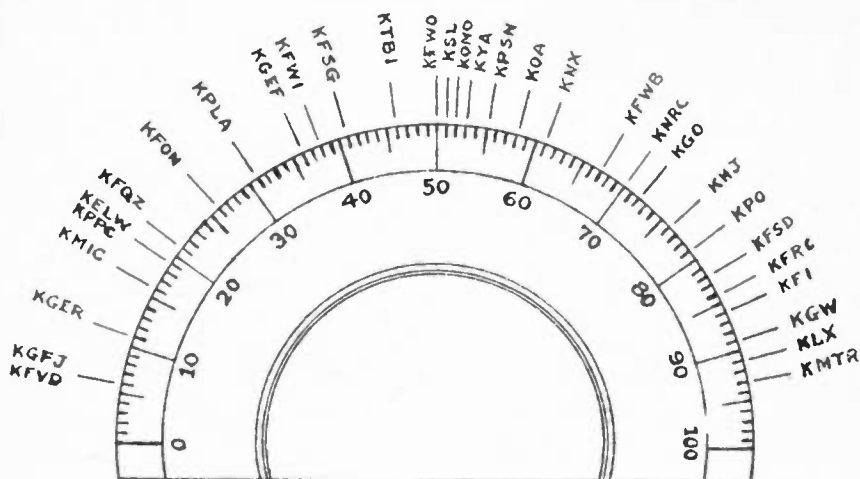
1224 Wall Street

Westmore 3338

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## DIALOG



This Dialog shows the exact location of Coast stations on a dial covering the frequency band from 1500 to 500 kilocycles, and having a pure straight-line-frequency characteristic. It is understood that on any other dial the above positions are only relative rather than exact. However, It will aid you in locating any station with respect to any other station or stations by the relative position indicated.

## *A Feature Program For Southern California People*

12:30 to 1:30 Daily Except Sunday

TUNE IN **K-F-W-B**

For Latest News Items - Correct Time - Weather Report  
Prize Contest

*Presented by*

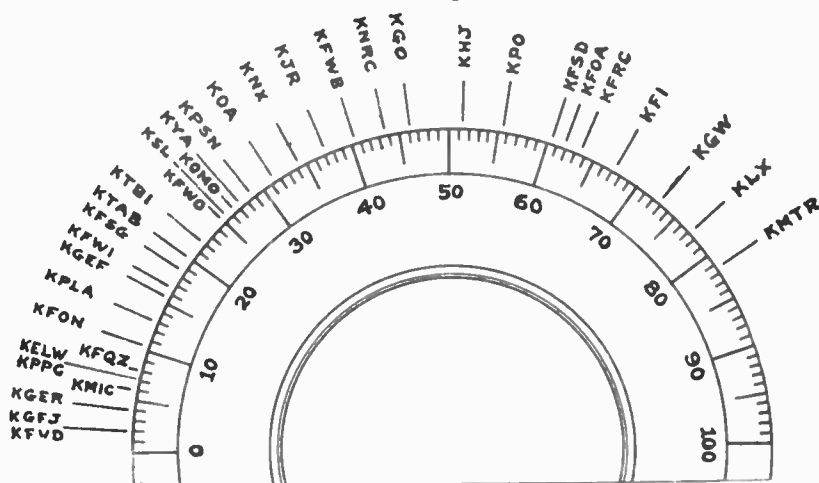
## WALTER BIDDICK

*Goodwill via Radio*

487 Chamber of Commerce Building, Los Angeles

Phones: WEStmore 9137 or 9138

## DIALOG



This Dialog shows the exact location of the Coast stations on a dial covering the wave-length band from 200 to 600 meters, and having a pure straight-line wave-length characteristic. It is understood that on a variable condenser having a tuning characteristic which is a combination of straight-line wave-length and frequency that the upper portion of the dial will conform with this Dialog and the lower portion with the Dialog on the opposite page. In all cases, the station positions are only relative, not exact.

### Specializing In

Arranging, Placing and Presenting Dignified

## Radio Publicity and Advertising

De Luxe Programs or Short Business Announcements

# WALTER BIDDICK

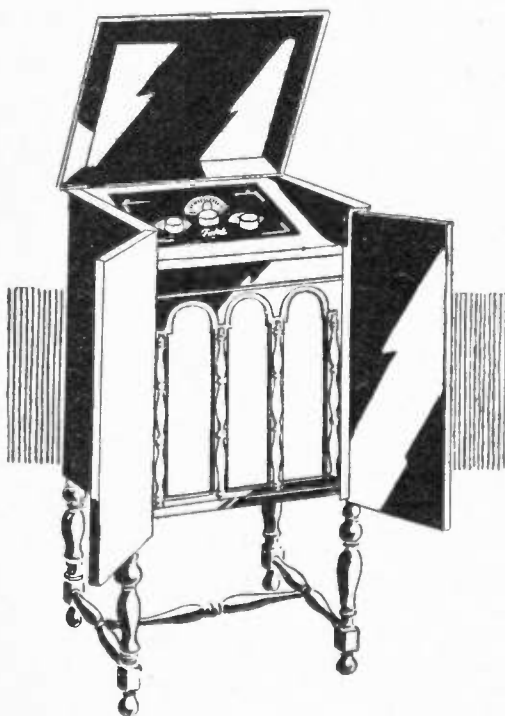
*Goodwill via Radio*

Now representing many of Southern California's Leading  
Business Institutions

487 Chamber of Commerce Building, Twelfth and Broadway  
LOS ANGELES

Phones: WEstmore 9137 or 9138

# The RADIO without an equal in VALUE ~ ~ ~ ~



at the  
**RADIO  
SHOW**  
*Beautiful*  
September 5-10

NO other radio on the market operates so perfectly without batteries or chargers of any kind. Positively accurate tuning with simple one-dial control. Exceptional tone. Built-in cone speaker. Modish console cabinet. Compare the Falck at the Show. See and hear it at any authorized Falck dealer.

Advance Electric Company  
1260 West Second St.  
Los Angeles

**\$150 Complete**

# The Falck

NO BATTERY RADIO

# The Falck

## No Battery Radio

Must be heard to be appreciated. Drop in this evening and see the Falck Dealer nearest your home. He will demonstrate for you without obligation:

### LOS ANGELES

#### Hollywood

Heath Electric Co.  
1052 N. Western Ave.  
HOLLYWOOD 1937

Also  
5203 Beverly Blvd.  
HOLLYWOOD 9042

Paramount Radio &  
Electric Co.

5515 Santa Monica Blvd.  
HEMPSTEAD 8473.

#### East Hollywood

Brandy Glass Co.  
2214 Alessandro St.  
OLYMPIA 3616

#### Lincoln Heights

Brown's Radio Shop  
2616½ N. Broadway  
CAPITOL 1349

### Maywood

Freedman Drug Co.  
148 E. Slauson Ave.  
DELAWARE 1997  
South

Long's Radio Co.  
2812 S. Main St.  
HUMBOLT 1323

### South-Southwest

West States Electric Co.  
4751 S. Broadway  
AXRIDGE 2786

### Southwest

Monarch Radio Co.  
2189 W. Washington  
EMPIRE 3268

A. W. Cooper  
1315½ W. 39th  
at Normandie  
VERMONT 0767

### Southeast

Tivoli Radio Shop  
4204 Central Ave.  
HUMBOLT 2449

### West Adams District

H. H. Walker  
1323 Venice Blvd.  
BEACON 1311

### Wilshire

Associated Radio Service  
Co.  
4156 Beverly Blvd.  
WASHINGTON 0255

### LONG BEACH

Rialto Radio  
430 American Ave.  
LONG BEACH 653-171

### PASADENA

The Song Shop  
16 S. Raymond Ave.  
WAKEFIELD 2919

**"Tone Range - Simplicity - Tone Quality"**



# STUDIO NEWS

By AUDREY YVONNE DAVIS

Recently KFVB, Warner Bros.' movie station in Hollywood, broadcast the dramatic sketch, "The Lash," which is well known to vaudeville theatre-goers and was the first dramatic sketch of its kind to be recorded by the new and wonderful sight sound invention, the Vitaphone.

duced the playlet by reproducing the noises of a motion picture set, using props of various kinds to indicate the noise of carpenters and the usual turmoil that goes on in a picture foundry, with the action of "The Lash," starting after Bryan Foy, Vitaphone director,



W. C. Davidson

Hal Crane

Richard Tucker

Featured in the Vitaphone and radio presentations were Richard Tucker, well-known stage and screen actor, William Davidson, film player and Hal Crane, author of "The Lash."

Gerald King, manager of KFVB, and William Ray, chief announcer, intro-

duced the usual directions preceding recording:

"All right, everybody! Cameras ready? Lights up. When the whistle blows there must be silence, and when the red lights goes on we are recording."

In the rush of getting to KFVB's stu-



# Now! *Better* Reception *through the* **HOPPIE** *INDOOR* **AERIAL**

just  
\$ **3**<sup>50</sup>

**Volume  
Clarity  
Less Static**

Get Yours from  
Your Radio or  
Electrical  
Dealer

## NOTE THESE FEATURES

1. Eliminates unsightly outside aerials.
2. Improves efficiency of reception.
3. Is portable, easily moved when changing locations.
4. Small and convenient to handle.
5. Can be included in instrument—always out of sight.

*Simple :: Efficient :: Inexpensive*

**EDGAR J. PEARCY CO.**

Western Distributors

4963 Pasadena Ave. Terrace, Los Angeles

Phone GARfield 0449

dio after a day's work in front of the camera, Richard Tucker forgot to bring the props, consisting of a telephone buzzer, a gong and a special wood block to make the sound of a door closing. The telephone buzzer noise was made by Hal Crane with his mouth, a water glass served as a gong when struck with a knife and a ukelele player in the studio nearly had heart failure when his prized instrument was used by Richard Tucker to make the door-closing sound by casually dropping it on the floor.

The success of "The Lash" was so great that other sketches used for Vitaphone recordings will be used by KFWB.

KGFJ has instituted a very interesting and worthwhile feature for the daily 12 to 1 program. It is a strictly classical program—broadcasting the records of the great artists—both instrumental and vocal. Before each record is played a fitting and enlightening explanation is made which makes classical music more enjoyable.

I can understand how those who partook in the old-fashioned square dance would find it interesting and perhaps a means of romantic reminiscing to tune in KNRC Thursday evenings, from 9 to 10. Mr. and Mrs. Ben Sears play all the old square dance tunes, while Claude Burroughs calls them.

Monroe Jockers' orchestra is one of the newest organizations to be heard over KNX. It is well arranged and is fast gaining in popularity.

Paul Finstein and his KNX String Quartet, playing dinner hour music every evening except Sunday, has made a special feature of special numbers for several weeks now. He groups the music as to periods, such as light operas, outdoor sketches, operas, music by famous composers and the like, with pleasing results.

Once a month James Stuart Walker plays the organ chimes on the first Sunday evening program over KHJ at Los Angeles. The accompanist is Mrs. Mary Whitworth, his sister. The organ chimes, creation of the Japanese people, were first brought to this country during the World's Fair at Chicago. Since that time many sets of American fashioning have been placed on the market. The sweet-toned chimes of the organ pealing out in the broadcastland signify one of the ovations in radio music.

The evening of Sept. 3, KHJ will stage a summer passing revue of radio in the form of a grand broadcast frolic to celebrate the opening of the 1927 Los Angeles Radio Show Beautiful, which opens on Sept. 5. The KHJ surprise program will follow the regular evening broadcast at 10 o'clock, and will continue until 2 o'clock Sunday morning.

Leslie Adams and Dean Metcalf, KFI announcers, became ill at the same time and underwent operations on the same date. Replacement announcers were secured during their absence. Hal Williams from U. S. C., was one of them. For a week nightly announcements had to be made in explanation of the new voices at the microphone to prevent the KFI telephone operator from being swamped with inquiring receptionists.

As an encore, during a Hollywood Bowl concert broadcast by KFI, Mme. Elsa Olsen, sang Brunhilde's Battle Cry from "The Valkyrie." The effect on the audience of 40,000 was electric. A torrent of applause brought the famed Chicago Opera Company Diva back for repeated bows until finally she was forced to sing the selection again.

As proof that stage and radio audiences react alike, KFI's mail increased greatly following the Olsen triumph.

(Continued on Page 170)

# **Radio Contracts Financed**

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## **Information at Booth No. 26 Radio Show Beautiful**

The Central Figueroa Properties Company, whose plan for the financing of radio sales on monthly payments has proved so successful, will have an information bureau at the Radio Show where interested dealers may have all their inquiries answered by expert finance men. A cordial invitation is extended to all Southern California radio dealers to visit Booth 26 when at the Radio Show.

## **No Red Tape . . . No Delays**

The finance plan of the Central Figueroa Properties Company makes it possible for the dealer to place paper covering all standard merchandise with a company that affords him full protection . . . that makes payments promptly . . . that is financially responsible.

## **Get Full Information at Booth 26**

---

## **Central Figueroa Properties Company**

1366 S. Figueroa St.   Los Angeles   Phone WEStmore 2411

# *The Talk of Every Radio Show*

## *Sterling*

### **Dependable Socket-Power Units**

Whatever Radio Show you attend, you'll hear the trade speaking in highest terms of the new Sterling line. These latest "A" and "B" socket powers are positively in a class by themselves, and combine real QUALITY with unexpectedly LOW PRICES.

You'll eliminate service calls if you sell Sterlings. The "B" Powers have the most exact voltage regulation you ever experienced. Meter-equipped, of course, and approved by Raytheon Laboratories as being especially adapted for the Raytheon Rectifiers which they use.

**In 21 Years, Over Ten Million Sterlings**

**In 21 Years, Over Ten Million Friends**

### *Visit Booth 31*

*Los Angeles National Radio Exposition*

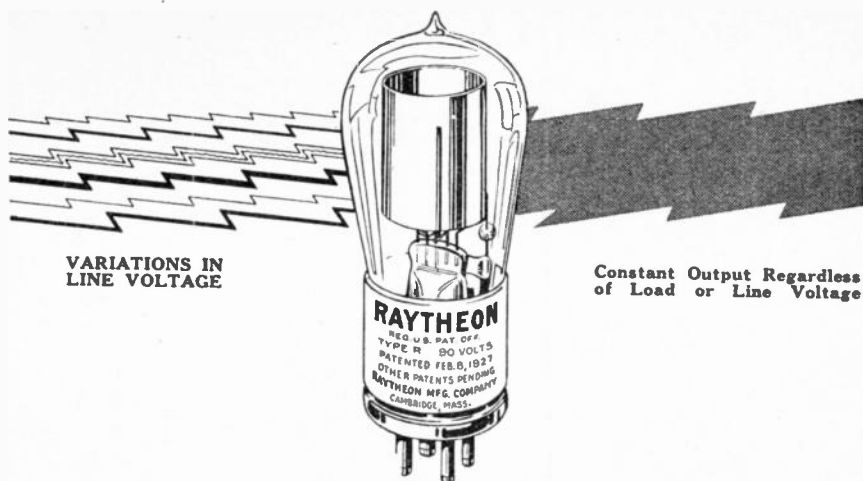
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## **DETSCH & CO.**

**1939 E. 16th St.  
LOS ANGELES**

**555 Turk St.  
SAN FRANCISCO**





VARIATIONS IN  
LINE VOLTAGE

Constant Output Regardless  
of Load or Line Voltage

# Raytheon Voltage Regulator Tube

Experience gained in seven years of exhaustive research, experiments and tests, have enabled the Raytheon Research Laboratories to produce a new and fundamentally improved Voltage Regulator Tube of marked characteristics.

Raytheon—Type R, when incorporated in the proper B Power Circuits, maintains constant voltage on the 90 and lower voltage taps and greatly improves the voltage regulation on the 180 and 135 volt taps, *regardless of variations in either the line voltage or load current.* The variable voltage controls can be thus eliminated and the construction of the unit simplified.

Furthermore, this new tube has a very pronounced effect in eliminating the last vestige of ripple from the output, and when connected to an amplifier will completely eliminate "motor-boating."

A new feature—the *starting anode*—incorporated in type R, maintains constantly a state of ionization in the tube to prevent any "going out" regardless of the load fluctuation. Raytheon—Type R, can be used in any power unit circuit now on the market employing a glow tube with greatly improved results. Diagrams of an approved Type R tube installation, in connection with the heavy duty Raytheon BH tube, can be had from the Raytheon Research Laboratories upon request.

# Raytheon

THE HEART OF RELIABLE RADIO POWER

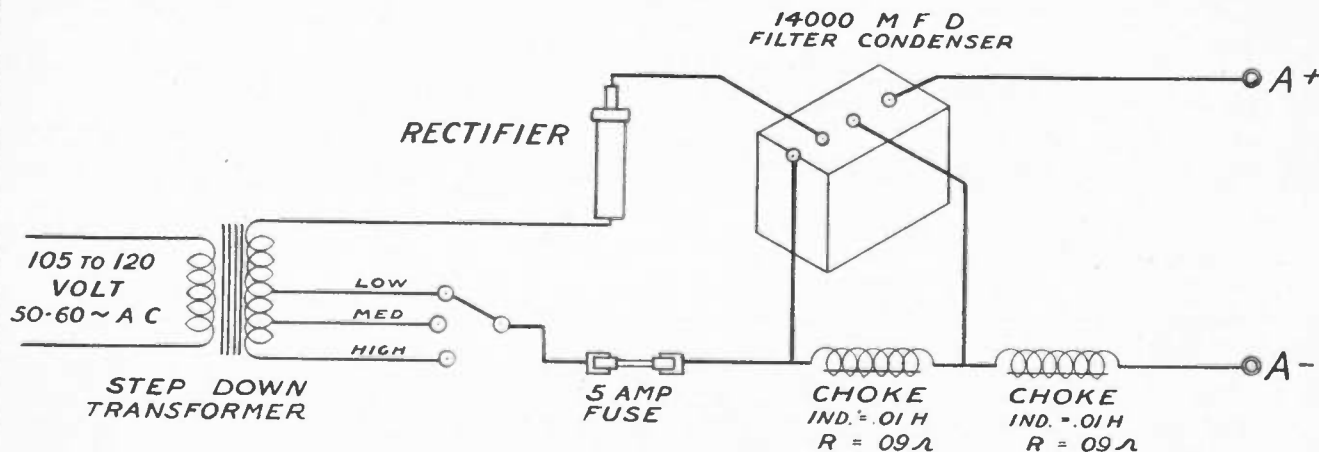
# Alphabetical List of U.S. Broadcast Stations

(250 Watts and More)

REVISED TO SEPTEMBER 1st

Call	Meters	Kcys.	Location	Power	Call	Meters	Kcys.	Location	Power
KDKA	315.6	950	E. Pittsburgh	30000	KOIN	319	940	Portland, Ore.	1000
KELW	228.9	1310	Burbank, Cal.	250	KOMO	305.9	980	Seattle, Wash.	1000
KEX	239.9	1250	Portland, Ore.	2500	KDW	475.9	630	Denver, Colo.	250
KFAB	309.1	970	Lincoln, Neb.	2000	KOWW	298.8	1000	Walla Walla, Wn.	500
KFAD	272.6	1100	Phoenix, Ariz.	500	KPLA	252	1190	Los Angeles	500
KFAU	285.5	1050	Boise, Idaho	2000	KPO	422.3	710	San Francisco	1000
KFBU	428.3	700	Laramie, Wyo.	500	KPRC	293.9	1020	Houston, Tex.	500
KFDM	374.8	800	Beaumont, Tex.	500	KPSN	315.6	950	Pasadena, Cal.	1000
KFDX	236.1	1270	Shreveport, La.	250	KQV	270.1	1110	Pittsburgh, Pa.	500
KFDY	394.5	760	Brookings, S. D.	500	KQW	296.9	1010	San Jose, Cal.	500
KFEL	247.8	1210	Denver, Colo.	250	KRLD	461.3	650	Dallas, Tex.	500
KFEQ	230.6	1300	St. Joseph, Mo.	1000	KRLR	215.7	1390	Los Angeles	250
KFH	245.8	1220	Wichita, Kan.	500	KSAC	333.1	900	Manhattan, Kan.	500
KFI	468.5	640	Los Angeles	5000	KSBA	267.7	1120	Shreveport, La.	1000
KFJF	272.6	1100	Oklahoma City	750	KSCJ	243.8	1230	Sioux City, Ia.	500
KFKB	241.8	1240	Millford, Kan.	1000	KSD	545.1	550	St. Louis, Mo.	500
KFKU	254.1	1180	Lawrence, Kan.	500	KSEI	333.1	900	Pocatello, Ida.	250
KFKX	526	570	Hastings, Neb.	2509	KSL	302.8	990	Salt Lake, Utah	1000
KFMX	236.1	1270	Northfield, Minn.	500	KSO	227.1	1320	Clarinda, Ia.	500
KFNF	461.3	650	Shenandoah, Ia.	2000	KSOO	209.7	1430	Sioux Falls, S. D.	250
KFOA	447.5	670	Seattle, Wash.	1000	KTAB	280.2	1070	Oakland, Calif.	500
KFOA	241.8	1240	Long Beach, Cal.	500	KTBI	288.3	1040	Los Angeles	500
KFOY	285.5	1050	St. Paul, Minn.	250	KTCL	277.6	1080	Seattle, Wash.	500
KFPR	232.4	1290	Los Angeles	250	KTHS	384.4	780	Hot Springs, Ark.	1000
KFPY	245.8	1220	Spokane, Wash.	250	KTNT	256.3	1170	Muscatine, Ia.	3500
KFQB	260.7	1150	Ft. Worth, Tex.	1000	KTSA	265.3	1130	San Antonio	2000
KFRC	454.3	660	San Francisco	1000	KTW	394.5	760	Seattle, Wash.	1000
KFRU	249.9	1200	Columbia, Mo.	500	KUOA	296.9	1010	Fayetteville, Ark.	500
KFSD	440.9	680	San Diego, Cal.	500	KUOM	374.5	800	Missoula, Mont.	500
KFSG	275.1	1090	Los Angeles	500	KUSD	483.6	620	Vermillion, S. D.	250
KFUL	258.5	1160	Galveston, Tex.	500	KUT	232.4	1290	Austin, Tex.	500
KFUO	545.1	560	St. Louis, Mo.	500	KVOO	348.6	860	Bristow, Okla.	1000
KFVD	208.2	1440	Venice, Cal.	250	KWCR	384.4	780	Cedar Rapids, Ia.	250
KFVE	234.2	1280	St. Louis, Mo.	1000	KWKH	394.5	760	Shreveport, La.	1000
KFWB	361.3	830	Los Angeles	500	KWSC	394.5	760	Pullman, Wash.	500
KFWF	214.2	1400	St. Louis, Mo.	250	KWUC	243.8	1230	Lemars, Ia.	1500
KFWI	267.7	1120	San Francisco	500	KWWG	277.6	1080	Brownsville, Tex.	500
KFWM	236.1	1270	Oakland, Cal.	500	KYA	309.1	970	San Francisco	500
KFWO	299.8	1000	Avalon, Cal.	250	KYW	526	570	Chicago, Ill.	2500
KFXF	282.5	1060	Denver, Colo.	500	WAAD	267.7	1120	Cincinnati	250
KFYR	239.9	1250	Bismark, N. D.	250	WAAP	389.4	770	Chicago, Ill.	500
KGA	260.7	1150	Spokane, Wash.	2000	WAAM	345.6	860	Newark, N. J.	500
KGBU	228.9	1310	Ketchikan, Ala.	500	WAAT	245.9	1220	Jersey City	300
KGCH	293.9	1020	Wayne, Neb.	250	WAAB	348.6	860	Omaha, Neb.	500
KGDY	212.6	1410	Shreveport, La.	250	WABC	325.9	920	Richmd Hill, N.Y.	2500
KGEF	263	1140	Los Angeles	500	WABF	205.4	1460	Kingston, Pa.	250
KGFH	223.7	1340	La Crescenta	250	WABQ	260.7	1150	Philadelphia	500
KGO	384.4	780	Oakland, Cal.	5000	WADC	296.9	1010	Akron, Ohio	500
KGU	270.1	1110	Honolulu	500	WAIU	282.8	1060	Columbus, O.	5000
KGW	491.5	610	Portland, Ore.	1000	WAMD	225.4	1330	Minneapolis	500
KHJ	405.2	740	Los Angeles	500	WAPI	325.9	920	Auburn, Ala.	1000
KHQ	370.2	810	Spokane, Wash.	1000	WARS	227.1	1320	Brooklyn, N. Y.	500
KJR	348.6	860	Seattle, Wash.	2500	WASH	256.3	1170	Grand Rapids	250
KLDS	238	1260	Independence, Mo.	1500	WBAA	272.6	1100	Lafayette, Ind.	500
KLS	215.8	1220	Oakland, Cal.	250	WBAK	299.3	1000	Harrisburg, Pa.	500
KLX	505.2	590	Oakland, Cal.	500	WBAL	286.5	1050	Baltimore, Md.	5000
KLZ	267.7	1120	Denver, Colo.	250	WBAP	499.7	600	Ft. Worth, Tex.	1500
KMA	274.1	1110	Shenandoah, Ia.	500	WBBC	227.1	1320	Brooklyn, N. Y.	500
KMIC	223.7	1340	Inglewood, Cal.	250	WBMM	389.4	770	Chicago, Ill.	1000
KMMJ	379.5	790	Clay Center, Neb.	500	WBRR	256.3	1170	Rossville, N. Y.	1000
KMO	254.1	1180	Tacoma, Wash.	250	WBCT	288.3	1040	Chicago, Ill.	250
KMOX	219.8	1000	St. Louis, Mo.	5000	WBET	288.3	1040	Boston, Mass.	500
KMTR	526	570	Hollywood	500	WBNY	236.1	1270	New York	500
KNRC	374.8	800	Santa Monica	500	WBOQ	325.9	920	Richmd Hill, N.Y.	500
KNX	336.9	890	Los Angeles	500	WBRC	243.8	1230	Birmingham, Ala.	250
KOA	325.9	920	Denver, Colo.	5000	WBRL	232.4	1290	Tilton, N. H.	500
KOAC	270.1	1110	Corvallis, Ore.	500	WBT	258.5	1160	Charlotte, N. C.	500
KOB	394.5	760	New Mexico	5000	WBZ	332.1	900	East Springfield	15000
KOCH	258.5	1160	Omaha, Neb.	250	WBZA	333.1	900	Boston, Mass.	500
KOCW	282	1190	Chickasha, Okla.	250	WCAC	275.1	1090	Mansfield, Conn.	500
KOIL	277.6	1080	Coun. Bluffs, Ia.	2000					

HERE IS AN "A" ELIMINATOR CIRCUIT THAT WILL DELIVER PURE D.C. TO THE FILAMENTS OF 5 VOLT-TYPE-"A" TUBES WITHOUT ALTERATION OF THE RECEIVING SET. THIS "A" ELIMINATOR OPERATES WITHOUT THE SLIGHTEST HUM FROM ONE TO TWELVE TUBES.



ALL THE NECESSARY PARTS FOR THIS HUMLESS "A" ELIMINATOR ARE OBTAINABLE AT THE RADIO MANUFACTURERS SUPPLY CO. - 1000 SO. BROADWAY - LOS ANGELES, CALIFORNIA

Call	Meters	Kcys.	Location	Power	Call	Meters	Kcys.	Location	Power
WCAD	365.6	820	Canton, N. Y.	500	WHT	416.4	720	Chicago	5000
WCAE	516.9	580	Pittsburgh	500	WIBO	416.4	720	Chicago	500
WCAH	535.4	560	Columbus, O.	250	WICC	214.2	1400	Bridgeport, Conn.	250
WCAJ	379.5	790	Lincoln, Neb.	500	WIL	258.5	1160	St. Louis, Mo.	250
WCAL	236.1	1270	Northfield, Minn.	500	WIOD	247.8	1210	Miami, Fla.	1000
WCAM	223.7	1340	Camden, N. J.	500	WIP	508.2	590	Philadelphia	500
WCAU	384.4	780	Baltimore, Md.	250	WJAD	447.5	670	Waco, Tex.	500
WCBD	344.6	870	Philadelphia	500	WJAG	285.5	1050	Norfolk, Neb.	250
WCBS	209.7	1430	Zion, Ill.	5000	WJAR	483.6	620	Providence, R. I.	500
WCCO	495.2	740	Springfield, Ill.	250	WJAS	270.1	1110	Pittsburgh, Pa.	500
WCDA	211.1	1420	Minneapolis	5000	WJAX	336.9	890	Jacksonville, Fla.	1000
WCFL	483.6	620	Cliffside, N. J.	250	WJAY	227.1	1320	Cleveland, O.	500
WCGU	215.8	1370	Chicago, Ill.	1500	WJAZ	263	1140	Mt. Prospect, Ill.	5000
WCMA	258.5	1160	Coney Island	500	WJBB	344.6	870	Tampa, Fla.	250
WCOA	249.9	1200	Culver, Ind.	250	WJBL	212.6	1410	Decatur, Ill.	250
WCRW	223.7	1340	Pensacola, Fla.	500	WJBT	389.4	750	Chicago	500
WCSH	361.2	830	Chicago, Ill.	500	WJDD	365.6	820	Mooseheart, Ill.	1000
WCSS	256.3	1170	Portland, Me.	500	WJKS	232.4	1290	Gary, Ind.	500
WCWK	228.9	1310	Springfield, O.	500	WJR	440.9	680	Pontiac, Mich.	5000
WDAD	225.4	1330	Fort Wayne, Ind.	500	WJZ	454.3	660	Bnd Brook, N.J.	30000
WDAE	267.7	1120	Nashville, Tenn.	500	WKAQ	340.7	880	San Juan, P. R.	500
WDAF	370.2	810	Tampa, Fla.	500	WKAR	285.5	500	Lansing, Mich.	1050
WDBG	263	1140	Kansas City, Mo.	1000	WKBK	252	1190	Indianapolis, Ind.	250
WDBJ	361.2	830	Amarillo, Tex.	250	WKBH	220.4	1360	La Crosse, Wis.	500
WDBK	227.1	1320	Fargo, N. D.	250	WKBO	218.8	1370	Jersey City	500
WDBO	288.3	1040	Roanoke, Va.	250	WKBQ	218.8	1370	New York	500
WDGY	260.7	1150	Cleveland, O.	250	WKRW	217.3	1380	Buffalo, N. Y.	500
WDOD	245.8	1220	Orlando, Fla.	500	WKEN	204	1470	Kenmore, N. Y.	250
WDRC	282.8	1060	Minneapolis	500	WKRC	333.1	900	Cincinnati, O.	500
WDWF	374.8	800	Chattanooga	500	WLB	245.8	1220	Minneapolis	500
WDMW	361.2	830	New Haven, Conn.	500	WLBI	238	1260	Wenona, Ill.	250
WEAF	491.5	610	Cranston, R. I.	500	WLBL	319	940	Stevens Pt., Wis.	1000
WEAI	483.6	620	Asbury Park, N.J.	500	WLBW	293.9	1020	Oil City, Pa.	500
WEAM	239.9	1250	New York	5000	WLBX	204	1470	Long Island, N.Y.	250
WEAN	239.9	940	Ithaca, N. Y.	250	WLBZ	208.2	1440	Dover, Me.	250
WEAO	282.8	1060	N. Plainfield, N.J.	250	WLBI	305.9	980	Elgin, Ill.	15000
WEAR	399.8	750	Providence, R. I.	500	WLIT	405.2	740	Philadelphia	500
WEBC	241.8	1240	Columbus, O.	750	WLS	344.6	870	Chicago	5000
WEBH	365.6	820	Cleveland, O.	1000	WLTH	256.3	1170	Brooklyn, N. Y.	250
WEBJ	256.3	1170	Superior, Wis.	250	WLW	428.3	700	Harrison, O.	5000
WEBW	258.5	1160	Chicago	2000	WLWL	370.2	810	New York	1000
WEDC	241.8	1240	New York	500	WMAE	225.4	1330	Cazenovia, N. Y.	500
WEEL	447.5	670	Beloit, Wis.	500	WMAF	428.3	700	Dartmouth, Mass.	500
WEMC	483.6	620	Chicago	500	WMAK	545.1	550	Lockport, N. Y.	750
WENR	238.3	1440	Boston, Mass.	500	WMAQ	447.5	670	Chicago	1000
WEW	352.7	850	Ber. Spg., Mich.	1000	WMAZ	270.1	1110	Macon, Ga.	500
WFAA	499.7	600	Chicago	500	WMBB	252	1190	Chicago	500
WFBE	245.8	1220	St. Louis, Mo.	1000	WMBR	205.4	1460	Peoria Heights, Ill.	250
WFBL	258.5	1160	Dallas, Tex.	500	WMBF	384.4	780	Miami, Fla.	500
WFBN	225.4	1330	Cincinnati, O.	250	WMBI	263	1140	Chicago	500
WFI	405.2	740	Syracuse, N. Y.	750	WMBB	234.2	1280	Harrisburg, Pa.	250
WFIW	280.2	1070	Indianapolis, Ind.	250	WMC	516.9	580	Memphis	500
WFKB	223.7	1340	Philadelphia	500	WMCB	370.2	810	Hoboken	500
WFLA	365.6	820	Hopkinsville, Ky.	500	WMSG	236.1	1270	New York	500
WGBB	245.8	1220	Chicago	500	WNAC	352.7	850	Boston, Mass.	500
WGBF	236.1	1270	Clear Water, Fla.	500	WNAD	239.9	1250	Norman, Okla.	500
WGBI	230.6	1300	Freeport, N. Y.	400	WNAL	258.5	1160	Omaha, Neb.	250
WGBS	348.6	860	Evansville, Ind.	250	WNAT	288.3	1040	Philadelphia	1000
WGCP	280.2	1070	Scranton, Pa.	250	WNAX	302.8	990	Yankton, S. D.	250
WGES	241.8	1240	Astoria, N. Y.	500	WNBH	260.7	1150	New Bedford, Mass.	250
WGHP	319	940	Newark, N. J.	500	WNJ	280.2	1070	Newark, N. J.	500
WGL	293.9	1020	Chicago	500	WNOX	265.3	1130	Knoxville, Tenn.	1000
WGN	305.9	980	Mt. Clem's, Mich.	750	WNRC	223.7	1340	Greensboro, N.C.	500
WGR	302.8	990	New York	500	WNRY	535.4	560	New York	500
WGST	270.1	1110	Chicago, Ill.	500	WOAI	302.8	990	San Antonio	5000
WGWB	218.8	1370	Buffalo, N. Y.	750	WOAN	285.5	1050	Law'r's, Tenn.	250
WGY	379.5	790	Atlanta, Ga.	500	WOAX	239.9	1250	Trenton, N. J.	500
WHAA	319	940	Milwaukee, Wis.	500	WOC	352.7	850	Davenport, Ia.	5000
WHAD	293.9	1020	Schenectady	30000	WODA	293.9	1020	Paterson, N. J.	1000
WHAM	277.6	1080	Madison, Wis.	750	WOI	265.3	1130	Ames, Ia.	2500
WHAP	236.1	1270	Milwaukee, Wis.	500	WOK	252	1190	Homewood	5000
WHAR	272.6	1100	Rochester, N. Y.	500	WOKO	215.7	1390	Peekskill, N. Y.	250
WHAS	461.3	650	New York	1000	WOKT	209.7	1430	Rochester, N. Y.	500
WHAZ	379.5	790	Atlantic City	1000	WOO	508.2	590	Philadelphia	500
WHB	336.9	890	Louisville, Ky.	500	WOOD	260.7	1150	Grand Rapids	250
WHBP	228.9	1310	Troy, N. Y.	500	WOQ	336.9	890	Kansas City	500
WHDI	245.8	1220	Kansas City, Mo.	500	WOR	422.3	710	Newark, N. J.	500
WHK	265.3	1130	Johnstown, Pa.	250	WORD	275.1	1090	Ratavia, Ia.	5000
WHN	394.5	760	Minneapolis	500	WOS	465.8	640	Jefferson City	500
WHO	535.4	560	Cleveland, O.	500	WOW	508.2	590	Omaha, Neb.	1000
			New York	500	WOWO	228.9	1310	Ft. Wayne	1000
			Des Moines	5000	WPCC	223.7	1340	Chicago	500



Call	Meters	Keys.	Location	Power	Call	Meters	Keys.	Location	Power
WPCH	309.1	970	Brooklyn	500	WSBC	232.4	1290	Chicago	500
WPEP	215.7	1390	Waukegan, Ill.	250	WSBF	440.9	680	St. Louis	250
WPG	272.6	1100	Atlantic City	5000	WSBT	238	1260	South Bend, Ind.	500
WPSC	299.8	1000	State Col., Pa.	500	WSDA	227.1	1320	New York	250
WQAA	215.7	1390	Parkburg, Pa.	500	WSEA	213.8	1370	Va. Beach, Va.	500
WQAM	322.4	930	Miami, Fla.	750	WSKC	491.5	610	Bay City, Mich.	250
WQAN	230.6	1300	Scranton, Pa.	250	WSM	340.7	880	Nashville, Mich.	5000
WQAO	394.5	760	Cliffside, N. J.	500	WSMB	322.4	930	New Orleans	500
WQJ	447.5	670	Chicago	500	WSOE	270.1	1110	Milwaukee	500
WRAH	199.9	1500	Providence, R. I.	250	WSOM	245.8	1220	New York	500
WRAX	212.6	1410	Philadelphia	250	WSUI	422.3	710	Iowa City	500
WRBC	238	1260	Valparaiso, Ind.	250	WSYR	225.4	1330	Syracuse, N. Y.	500
WRC	468.5	640	Washington, D.C.	500	WTAD	236.1	1270	Quincy, Ill.	250
WRCO	217.3	1380	Raleigh, N. C.	250	WTAG	516.9	580	Worcester, Mass.	500
WREN	254.1	1180	Lawrence, Kan.	750	WTAM	399.9	750	Cleveland, O.	3500
WREO	230.6	1300	Lansing, Mich.	500	WTAQ	254.1	1180	Eau Claire, Wis.	500
WRHM	260.7	1150	Fridley, Minn.	1000	WTAR	275.1	1090	Norfolk, Va.	500
WRM	272.6	1100	Urbana, Ill.	500	WTAS	275.1	1090	Elgin, Ill.	3500
WRNY	309.1	970	Coytesville, N. J.	500	WTAW	309.1	970	College, Tex.	500
WRR	352.7	850	Dallas, Tex.	500	WTHO	218.8	1370	Detroit, Mich.	250
WRST	211.1	1420	Bay Shore, N. Y.	250	WTIC	475.9	630	Hartford, Conn.	500
WRVA	254.1	1180	Richmond, Va.	1000	WTMJ	293.9	1020	Brookfield, Wis.	1000
WSAI	301.2	830	Cincinnati	5000	WWAE	232.4	1320	Chicago	500
WSAJ	223.7	1340	Grove City, Pa.	250	WWJ	374.8	800	Detroit, Mich.	1000
WSB	475.9	630	Atlanta, Ga.	1000	WWNC	296.9	1010	Ashville, N. C.	1000

All Technical Radio Authorities advise "B" Eliminators. The Ferbend is the equal of any, regardless of price. We demonstrate.

## FERBEND "B" ELIMINATOR

SAMUEL J. PAUL, Distributor

90 Volt \$13.50

180 Volt \$18.75

1605 W. Ninth St.

LOS ANGELES

Phone DU. 0185

## In Trouble??

Has a moisture permeated bypass condenser ruined your receiver or amplifier? A defective bypass condenser or coupling condenser in a receiver or amplifier mars reception—causes distortion.

Insure against such troubles—use the latest AEROVOX development—an AEROVOX bypass condenser sealed in a Bakelite case—non-inductively wound—impervious to moisture—its electrical condition is as good after a year as the day it was installed.

Made in all capacities up to 1 mfd and rated at 200 volts D C working voltage.

**AEROVOX**  
"Built Better"  
70 Washington St., Brooklyn, N. Y.



Stock carried in  
Los Angeles  
Office.

W. C. HITT CO.

324 N. San Pedro  
Street



# Sterling Dependable Socket-Power Units

## SUNDAY TIME TABLE

ADJUSTED TO PACIFIC TIME  
(X) Indicates Station Is On the Air

SUNDAY TIME TABLE										(X) INCL. IN																						
10-12 A.M.		12-2 P.M.		2-4 P.M.		4-6 P.M.		STATIONS		6-8 P.M.		8-10 P.M.		10-12 P.M.																		
10-10:30	10-11:00	10-11:30	11-10:12	11-10:30	11-10:45	12-12:30	12-1:00	1-1:30	1-2:00	2-2:30	2-3:00	3-3:30	3-4:00	4-4:30	4-5:00	5-5:30	5-6:00															
CALL									Freq. in Kilocycles	Power in Watts	STATION					6-6:30	6-7:00	7-7:30	7-8:00	8-8:30	8-9:00	9-9:30	9-10:00	10-10:30	10-10:45	11-11:00	11-11:30					
SOUTHERN CALIFORNIA																																
									X	K	M	T	R	570	500	Hollywood		X	X	X	X	X	X	X	X	X	X	X	X	X		
X	X	X	X	X					X	X	K	F	I	640	5000	Los Angeles		X	X	X	X	X	X	X	X	X	X	X	X	X		
											X	X		K	F	S	D	680	600	San Diego												
X	X	X	X	X										X	K	H	J	740	600	Los Angeles				X	X	X	X	X	X	X		
X	X	X	X							X	X	X			X	K	N	R	C	800	500	Santa Monica		X	X	X	X	X	X	X		
																X	K	F	W	B	830	500	Hollywood					X	X	X		
																	X	K	W	T	C	850	6	Santa Ana		X	X					
X	X	X	X						X	X	X	X		X	X	K	N	X	890	500	Los Angeles		X	X	X	X	X	X	X	X		
	X	X															X	K	P	S	N	950	1000	Pasadena								
X	X	X	X							X	X						X	K	T	B	I	1040	500	Los Angeles		X	X	X	X	X	X	
X	X	X	X							X	X	X	X					X	K	F	S	G	1090	500	Los Angeles		X	X	X	X	X	
X	X	X	X									X	X	K	G	E	F	1140	500	Los Angeles			X	X	X	X	X	X	X	X		
																		X	K	P	L	A	1180	500	Los Angeles		X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	K	F	O	N	1240	500	Long Beach		X	X	X	X	X	X	
																		X	K	F	Q	Z	1290	100	Hollywood			X	X	X	X	
X	X	X	X															X	K	P	P	C	1310	50	Pasadena		X	X	X	X	X	
																		X	K	E	L	W	1310	250	Burbank							
	X	X																X	K	M	I	C	1340	250	Inglewood							
X	X	X	X															X	K	F	W	C	1350	200	San Bernardino		X	X	X	X	X	
				X	X													X	X	K	F	W	O	1000	250	Catalina		X	X	X	X	X
X	X	X	X	X														X	K	G	E	R	1390	100	Long Beach			X	X	X	X	
																		X	K	F	C	R	1420	50	Santa Barbara			X	X	X	X	
																		X	K	F	V	D	1440	250	Venice		X	X	X	X	X	
NORTHERN CALIFORNIA																																
		X	X									X	X	K	F	R	C	680	1000	San Francisco		X	X	X			X	X	X	X		
									X	X	X	X						X	K	P	O	710	1000	San Francisco		X	X	X	X	X	X	
	X	X	X									X	X					X	K	G	O	780	5000	Oakland			X	X	X	X	X	
				X	X	X												X	K	Y	A	970	500	San Francisco		X	X		X	X	X	
X	X	X	X	X														X	K	Q	W	1010	500	San Jose			X	X	X	X		
X	X	X	X	X														X	K	T	A	B	1070	500	Oakland			X	X	X	X	
					X	X												X	K	F	W	I	1120	500	San Francisco			X	X	X	X	
	X	X																X	K	R	E	1170	100	Berkeley								
NORTHERN AND WESTERN STATES																																
	X	X																X	K	G	W	610	1000	Portland			X	X	X	X	X	
									X	X	X	X	X						X	K	F	O	A	670	1000	Seattle						
X	X	X																X	C	F	A	C	690	2000	Calgary							
	X	X	X															X	K	J	R	860	2500	Seattle		X	X	X	X	X	X	
X	X	X	X	X									X	X	X	K	O	A	920	5000	Denver		X		X	X	X	X	X	X		
X	X	X	X	X														X	K	O	I	N	940	1000	Portland		X	X	X	X	X	X
X	X	X	X	X						X	X							X	K	O	M	O	980	1000	Seattle			X	X	X	X	X
X	X					X	X											X	K	S	L	990	1000	Salt Lake City			X	X	X	X	X	
																		X	K	L	Z	1120	250	Denver			X	X	X	X	X	
																		X	K	M	O	1180	250	Tacoma		X	X					
																		X	X	K	E	X	1250	2500	Portland		X	X	X	X	X	X

\$1

**RADIO BATTERIES RECHARGED  
RENTAL BATTERIES FURNISHED**

Called For and Delivered—Within 4-Mile Radius  
Small Added Charges Over 4 Miles

**LU DLUM & STEELE, Willard Dealers**

965 Venice Blvd.

Call WESTmore 6974

Los Angeles

\$1

# These Outstanding Names In the Radio World Use, Recommend and Specify



## CEC

## Radio Tubes



HARKNESS  
BROWNING  
HENNEY  
CHURCHILL  
HURD

LYNCH  
COCKADAY  
BERNARD  
BEST  
KING

CeCo tubes ranked highest in all respects over 27 makes of tubes in recent tests made by the Federal Telephone Mfg. Corp.

*They Know Radio*

## DEMAND CECO TUBES See Us at Booth 40

Manufactured by

**C. E. MFG. CO., INC., Providence, R. I.**

*Largest Plant in the World devoted exclusively to the  
Making of Radio Tubes*

Pacific Coast Representative

## B. KRUGER & CO.

500 North Huntley Drive, West Hollywood, Calif.

Sherman P. O.

Tel. OX. 3897

# Sterling Dependable Socket-Power Units

## MONDAY TIME TABLE

ADJUSTED TO PACIFIC TIME  
(X) Indicates Station Is On the Air

10-12 A.M.		12-2 P.M.		2-4 P.M.		4-6 P.M.		STATIONS			6-8 P.M.		8-10 P.M.		10-12 P.M.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
10-10:10-30	10-10:11-30	11-10:11-30	11-10:12-00	12-10:12-30	12-10:30-1	1-10:1-30	1-10:1-30	2-10:2-00	2-10:2-30	2-10:3-00	3-10:3-30	3-10:4-00	4-10:4-30	4-10:5-00	5-10:5-30	5-10:6-00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
																CALL	Freq. in Kilocycles	Power in Watts	STATION		6-00-6-30	6-30-7-00	7-00-7-30	7-30-8-00	8-00-8-30	8-30-9-00	9-00-9-30	9-30-10-00	10-00-10-30	10-10-11-30	11-10:11-30	11-10:12-00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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# ALL-HENRY!

Trade-Mark Reg. U. S. Pat. Off.

*Far Beyond What One Would  
Naturally Expect From  
So Few Tubes!*

*"... Have received three  
in Australia, and one each in  
Japan and South Africa, on  
the speaker, using the All-  
Henry Special. . . ."*

**EMMETT PIKE,**  
Fullerton, Calif.

*"... With neither an-  
tenna nor ground, I played  
Florida on the speaker at  
Santa Monica, Calif., using  
an All-Henry Special."*

**SAM J. COUGHRAN,**  
Buena Park, Calif.

And there are dozens of duplicate performances with the  
All-Henry Special

*The Authorized Dealers Listed Below Are Experienced Radio  
Men—Ask THEM*

## **LOS ANGELES** (Downtown)

**Davis Radio Co.**  
2817 South Main  
Phone WEstmore 6948

**Figueroa Radio Shop**  
929 West Seventh  
Phone TUcker 6763

## (South)

**Radio Headquarters**  
7214 South Broadway  
Phone YOrk 2716

**Walker Radio Mfg. Co.**  
5851 South Vermont  
Phone THornwall 2663

## (Southwest)

**Palmer Radio Lab.**  
4529 South Vermont  
Phone VErmont 7883

**E. R. Taylor**  
2618 West 54th St.  
Phone VErmont 8194

## **BELL**

**Cliff Ward**  
824 Baker Ave.  
Phone DElaware 9943

## **CULVER CITY**

**Geo. L. Conaway**  
6449 Washington Blvd.  
Phone C. C. 2742

## **FULLERTON**

**Weldon Radio Shop**  
E. L. Pike, Prop.  
201 West Brookdale  
Phone 970-M

## **LONG BEACH**

**J. R. Foster**  
1102 East Fourth St.  
Phone 654-151

## **HERMOSA BEACH**

**E. D. Carter**  
1241 Owosso Street  
Phone 9842

## **ANAHEIM**

**Modern Radio Elec.**  
308 West Center  
Phone 1356  
Wholesale

## **GRAHAM**

**Manchester Radio Elec.**  
1522 East Manchester  
Phone DElaware 0460

## **FLORENCE**

**Ray Lyon Radio Shop**  
H. McMillan, Prop.  
1611 East Florence Ave.  
Phone Midland 2458

## **ORANGE**

**Cossairt's Radio Shop**  
100 West Chapman  
Phones: 46 and 606-J



# Sterling Dependable Socket-Power Units

## TUESDAY TIME TABLE

ADJUSTED TO PACIFIC TIME  
(X) Indicates Station Is On the Air

10-12 A.M.	12-2 P.M.	2-4 P.M.	4-6 P.M.	STATIONS		6-8 P.M.	8-10 P.M.	10-12 P.M.																								
10 00-10 30	10 30-11 00	11 00-11 30	11 30-12 00	12 00-12 30	12 30-1 00	1 00-1 30	1 30-2 00	2 00-2 30	2 30-3 00	3 00-3 30	3 30-4 00	4 00-4 30	4 30-5 00	5 00-5 30	5 30-6 00	CALL	Freq. in Kilocycles	Power in Watts	STATION	6 00-6 30	6 30-7 00	7 00-7 30	7 30-8 00	8 00-8 30	8 30-9 00	9 00-9 30	9 30-10 00	10 00-10 30	10 30-11 00	11 00-11 30	11 30-12 00	
SOUTHERN CALIFORNIA																																
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	570	550	Hollywood	X	X	X	X	X	X	X	X	X	X	X	X	
																	X	KFI	640	5700	Los Angeles	X	X	X	X	X	X	X	X	X	X	X
																		KFSD	680	500	San Diego	X	X	X	X	X	X	X	X	X	X	X
																		KHJ	740	500	Los Angeles	X	X	X	X	X	X	X	X	X	X	X
																		X	KFNR	800	500	Santa Monica	X	X	X	X	X	X	X	X	X	
																		X	KFWB	830	500	Hollywood	X	X	X	X	X	X	X	X	X	
																			KWTC	850	5	Santa Ana	X	X	X	X	X	X	X	X	X	
X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	890	505	Los Angeles	X	X	X	X	X	X	X	X	X	X	X	
				X	X	X	X	X	X	X	X	X	X	X	X	X	X	925	100	Tiajuana Mesa												
				X														X	KFSN	950	1000	Pasadena	X			X	X					
																		X	KTFPI	1040	500	Los Angeles		X	X	X	X					
X	X	X	X					X	X	X	X							X	KFSC	1090	500	Los Angeles		X	X	X	X	X				
																		X	KGEE	1140	500	Los Angeles	X	X	X	X	X	X	X	X	X	
	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	KPLA	1190	500	Los Angeles	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	KFON	1240	500	Long Beach	X	X	X	X	X	X	X	X	X	
																		X	KFQZ	1290	500	Hollywood	X	X	X	X	X	X	X	X	X	
																		X	KLVA	1310	250	Burbank	X	X	X	X	X	X	X	X	X	
																		X	KFNC	1340	50	Inglewood		X	X	X	X					
																		X	KFAC	1350	200	San Bernardino		X	X	X	X	X	X	X	X	
																		X	KFWO	1000	250	Catalina	X	X	X	X	X	X	X	X	X	
	X	X	X	X														X	KGFP	1390	100	Long Beach	X	X	X	X	X	X	X	X	X	
																		X	KFCP	1420	50	Santa Barbara	X	X	X	X	X	X	X	X	X	
X	X	X	X															X	KFVD	1440	250	Venice						X	X	X	X	
																		X	KGFI	1440	100	Los Angeles	X	X	X	X	X	X	X	X	X	
NORTHERN CALIFORNIA																																
																		X	KLX	690	500	Oakland	A	X								
X	X	X	X	X	X													X	KFRC	660	1000	San Francisco	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	KPO	710	1000	San Francisco	X	X	X	X	X	X	X	X	X	
																		X	KGO	780	5000	Oakland	X	X	X	X	X	X	X	X	X	
																		X	KYA	970	500	San Francisco	X	X	X	X	X	X	X	X	X	
																			KQW	1010	500	San Jose	X	X	X	X	X	X	X	X	X	
X																		X	KTAB	1070	500	Oakland	X	X	X							
																			KSMR	1100	100	Santa Maria	X	X	X	X	X	X	X	X	X	
X	X																	X	KFWI	1120	500	San Francisco	X	X	X	X	X	X	X	X	X	
NORTHERN AND WESTERN STATES																																
X	X	X																X	KGW	610	1000	Portland	X	X	X	X	X	X	X	X	X	
																		X	KFOA	670	1050	Seattle	X	X		X	X	X	X	X		
																		X	KCAC	690	200	Colony				X	X	X	X	X	X	
																		X	KHQ	810	1000	Spokane	X	X	X	X	X	X	X	X	X	
																		X	KJR	860	2500	Seattle	X	X	X	X	X	X	X	X	X	
																		X	KOA	920	5000	Denver	X	X	X	X	X	X	X	X	X	
																		X	KOIN	940	1000	Portland	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	KOMO	980	1000	Seattle	X	X	X	X	X	X	X	X	X	
																		X	KSL	990	1000	Salt Lake City	X	X	X	X	X	X	X	X	X	
																		X	KOWW	1000	500	Walla Walla		X								
																		X	CNRV	1030	5000	Vancouver				X	X					
																		X	KFJR	1060	100	Portland				X		X				
																		X	KFXF	1080	500	Denver		X	X	X	X	X	X	X	X	
																		X	KLZ	1120	250	Denver				X	X	X	X	X		
X	X																	X	KMO	1180	250	Tacoma						X	X	X	X	
																		X	KEX	11250	2500	Portland	X	X	X	X	X	X	X	X	X	
																		X	KFQW	1300	100	Seattle		X	X							





Type GSX-171  
High power tubes  
for use in last  
stage of audio  
amplification give  
increased volume.  
List Price \$4.50



Types GSX-201A  
and  
GS-201B  
The popular gen-  
eral purpose type  
for amplifier or de-  
tector. Long life  
and high efficiency.  
List price \$1.75



Type GSX-215B  
For use in battery elimi-  
nators to rectify alternating  
current—advantageous  
supplying the higher cur-  
rent required by power  
tube equipped sets.  
List price \$7.50



Type GSX-112  
High power tubes  
for use in last  
stage of audio am-  
plification give  
increased volume.  
List price \$4.50

## More and Better

Radio reception is assured  
by using only Gold Seal  
Tubes—the utmost in  
quality and uniform reli-  
ability.

## All Standard Types

Distributed by  
UNION HARDWARE & METAL CO.  
411 East First Street  
Los Angeles, Cal.

## GOLD SEAL ELECTRIC CO.

Incorporated

250 Park Ave. New York

FILL OUT AND MAIL

Gold Seal Electrical Co., Inc.,  
250 Park Ave., New York.

Gentlemen:

Please send me descriptive folders on Gold  
Seal Radio Tubes.

Name.....

Address.....

City.....

Mail to our home office or  
Union Hardware & Metal Co.  
R.D. 9-17-27

# Gold Seal Radio Tubes

# Sterling Dependable Socket-Power Units

## WEDNESDAY TIME TABLE

ADJUSTED TO PACIFIC TIME  
(X) Indicates Station Is On the Air

10-12 A.M.		12-2 P.M.		2-4 P.M.		4-6 P.M.		STATIONS		6-8 P.M.		8-10 P.M.		10-12 P.M.														
10-10:30	10-11:00	11-10:30	11-11:00	12-12:30	12-1:00	1-1:30	1-2:00	2-2:30	2-3:00	3-3:30	3-4:00	4-4:30	4-5:00	5-5:30	5-6:00													
CALL		Freq. in Kilocycles		Power in Watts		STATION		6-6:30		6-7:00		7-7:30		7-8:00														
SOUTHERN CALIFORNIA																												
X	X			X	X	X	X		X	X	K	M	T	R	570 500 Hollywood	X	X	X	X	X	X	X	X	X	X	X	X	
											X	K	F	I	640 5000 Los Angeles	X	X	X	X	X	X	X	X	X	X	X	X	
											X	K	F	S	D	680 500 San Diego	X	X	X	X	X	X	X	X	X	X	X	
											X	K	H	J	740 500 Los Angeles	X	X	X	X	X	X	X	X	X	X	X	X	
											X	X	X	X	X	800 500 Santa Monica	X	X	X	X	X	X	X	X	X	X	X	
											X	X	X	X	X	830 500 Hollywood	X	X	X	X	X	X	X	X	X	X	X	
											X	X	X	X	X	850 6 Santa Ana	X	X										
X	X			X	X	X	X	X	X	X	X	X	X	X	X	890 500 Los Angeles	X	X	X	X	X	X	X	X	X	X	X	
											X	X	X	X	X	925 100 Tia Juana, Mex.												
											X	K	P	S	N	950 1000 Pasadena	X											
											X	K	T	B	I	1040 500 Los Angeles			X	X	X	X						
X	X	X	X								X	K	F	S	G	1090 500 Los Angeles			X	X	X	X	X					
											X	K	S	M	R	1103 100 Santa Maria			X	X	X	X	X	X				
											X	K	G	E	F	1140 500 Los Angeles			X	X	X	X	X	X				
											X	X	X	X	X	1190 500 Los Angeles	X	X	X	X	X	X	X	X	X	X	X	
											X	K	F	B	C	1210 100 San Diego			X		X	X	X	X				
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1240 500 Long Beach	X	X	X	X	X	X	X	X	X	X	X	
											X	X	K	F	Q	Z	1290 100 Hollywood	X	X	X	X	X	X	X	X	X	X	
											X	K	E	L	W	1310 250 Burbank			X	X	X	X	X	X	X			
											X	K	G	F	H	1340 250 La Crescenta								X	X	X	X	
											X	K	M	I	C	1340 250 Inglewood			X	X	X	X						
											X	X	K	F	W	C	1350 200 San Bernardino			X	X	X	X	X	X	X	X	
											X	K	F	W	O	1000 250 Catalina			X	X	X	X	X					
											X	X	X	X	X	1390 100 Long Beach	X	X	X	X	X	X	X	X	X	X	X	
											X	K	F	C	R	1420 50 Santa Barbara	X	X	X	X	X	X	X					
X	X	X	X								X	X	X	K	F	V	D	1440 250 Venice						X	X	X	X	X
											X	K	G	F	J	1440 100 Los Angeles	X	X	X	X	X	X						
NORTHERN CALIFORNIA																												
X											X	K	L	X	590 500 Oakland	X	X	X		X	X	X	X					
X	X	X	X	X	X						X	X	X	K	F	R	C	660 1000 San Francisco	X	X	X		X	X	X	X	X	
X		X	X	X	X	X					X	X	X	X	X	K	P	O	710 1000 San Francisco	X	X	X	X	X	X	X	X	
		X	X	X							X	X		X	G	O	780 5000 Oakland			X	X	X		X	X	X	X	
		X	X	X							X	X	X	X	X	K	Y	A	970 500 San Francisco	X	X	X		X	X	X	X	
											X	K	Q	W	1010 500 San Jose			X	X	X	X	X						
X											X	X		X	T	A	B	1070 500 Oakland	X	X			X	X	X	X		
		X	X	X	X	X					X	X	X	K	F	W	I	1120 500 San Francisco	X	X	X		X	X	X	X	X	
											X	K	Z	M	1220 100 Oakland			X										
NORTHERN AND WESTERN STATES																												
X	X	X									X	K	G	W	610 1000 Portland	X	X	X	X	X	X	X	X					
X											X	K	F	O	A	670 1000 Seattle	X	X		X	X	X	X	X				
											X	C	F	A	C	690 2000 Calgary			X	X	X							
X	X	X	X								X	K	J	R	860 2500 Seattle	X	X	X	X	X	X	X	X					
		X	X	X							X	X	K	O	A	920 5000 Denver	X	X	X	X	X	X						
		X	X	X	X						X	K	O	I	N	940 1000 Portland	X	X	X	X	X	X			X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	K	O	M	O	980 1900 Seattle	X	X		X	X	X	X	X
											X	K	S	L	990 1000 Salt Lake City	X	X	X	X	X	X	X						
											X	K	O	W	W	1000 500 Walla Walla			X				X	X	X	X	X	
											X	K	F	X	F	1060 500 Denver			X	X	X	X	X	X	X	X	X	
											X	X	K	L	Z	1120 250 Denver			X	X	X	X						
											X	K	O	A	C	1100 500 Corvallis, Ore.			X	X	X	X						
X	X										X	K	M	O	1180 250 Tacoma													
											X	K	E	X	1250 2500 Portland	X	X	X	X	X	X							

# Authorized Radiola Dealer

*Courteous  
Competent  
Salesmen*



*Servicing  
by  
Experts*

## *Autumn Days*

Cause one to think of the long winter evenings to come.

The cool, crisp nights will bring added clearness over your RADIOLA.

We carry the complete RADIOLA line in both sets and accessories.

**A PHONE CALL WILL ARRANGE A DEMONSTRATION  
IN YOUR HOME**

*Salesman On Duty at Radiola Booth During Show Hours*

## **Eastman Kodak Stores, Inc.**

**510 South Broadway**

**Los Angeles, Calif.**



ADJUSTED TO PACIFIC TIME  
(X) Indicates Station Is On the Air

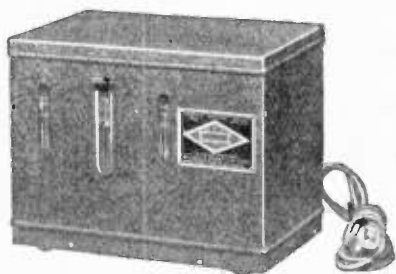
World Radio History

# BASCO

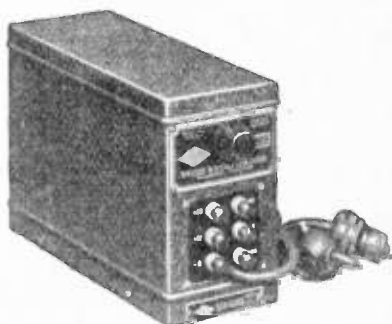
## Power Units

Will make their formal bow to Radio Dealers  
and the public at

**BOOTHS 95-96-97-98**



"BASCO Combination  
A and B" Power Unit



"BASCO-B"-B Eliminator

***Efficient Light Socket Operation for Any Radio Set***

You are invited to inspect the latest development in A. C. Power Units. The Basco combination A and B delivers sufficient A current for any radio set up to ten tubes and also B current of 185 volts at 55 mills., and is entirely automatic.

*It Will Pay You to Look Over*  
**BASCO POWER UNITS**

— ♦ —  
Wholesale Distributor

**YALE RADIO ELECTRIC CO.**

1111 Wall Street

Phone WEStmore 3351

Los Angeles



# Sterling Dependable Socket-Power Units

## FRIDAY TIME TABLE

ADJUSTED TO PACIFIC TIME  
(X) Indicates Station Is On the Air

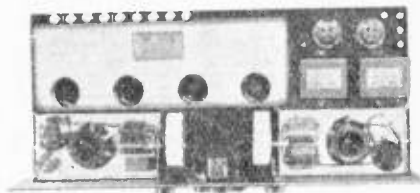
10-12 A.M.		12-2 P.M.		2-4 P.M.		4-6 P.M.		STATIONS		6-8 P.M.		8-10 P.M.		10-12 P.M.																				
10 00-10 30	10 30-11 00	11 00-11 30	11 30-12 00	12 00-12 30	12 30-1 00	1 00-1 30	1 30-2 00	2 00-2 30	2 30-3 00	3 00-3 30	3 30-4 00	4 00-4 30	4 30-5 00	5 00-5 30	5 30-6 00																			
CALL		ren. In Circuits		Power In Watts		STATION		6 00-6 30		6 30-7 00		7 00-7 30		7 30-8 00		8 00-8 30		8 30-9 00		9 00-9 30		9 30-10 00		10 00-10 30		10 30-11 00		11 00-11 30		11 30-12 00				
SOUTHERN CALIFORNIA																																		
	X	X	X				X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
											X	K F I	640	8000	Los Angeles		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
												K F S D	680	500	San Diego		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
										X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
								X	X	X	X		X	X	K N R C	800	500	Santa Monica		X	X	X	X	X	X	X	X	X	X	X	X	X		
								X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
																	X	K W T C	850		5	Santa Ana			X	X								
X				A	X	X	X	X	X	X	X	X	X	X	X	X	X	K N X	890	500	Los Angeles		X	X	X	X	X	X	X	X	X	X	X	
				X	X	X	X	X	X	X	X	X	X	X	X	X	X	C Y E	925	100	Tia Juana, Mex.													
				X														K P S N	950	1000	Pasadena		X				X	X						
																		K T B I	1040	500	Los Angeles		X	X	X	X	X	X						
	X	X	X	X				X	X	X	X							K F S G	1190	500	Los Angeles		X	X	X	X	X	X	X	X	X	X	X	X
																		K G E F	1140	500	Los Angeles			X	X	X	X	X	X	X	X	X	X	X
		X	X	X	X				X	X	X	X	X	X	X	X	X	K P L A	1190	500	Los Angeles		X	X	X	X	X	X	X	X	X	X	X	X
																		K F B C	1210	100	San Diego						X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	K F O N	1240	500	Long Beach		X	X	X	X	X	X	X	X	X	X	X
			X	X								X	X	X	X	X	X	X	K F Q Z	1290	100	Hollywood		X	X	X	X	X	X	X	X	X	X	X
																		K E L W	1310	250	Burbank		X	X	X	X	X	X	X	X	X	X	X	X
																		X	K M I C	1340	250	Inglewood					X	X	X					
																		K G F H	1340	250	La Crescenta							X	X	X	X	X	X	
																		X	K F W C	1350	200	San Bernardino				X	X	X	X	X	X	X	X	X
				X	X													X	K I F W O	1000	250	Catalina		X	X	X	X							
		X	X	X	X	X						X						X	K G E R	1390	100	Long Beach		X	X	X	X	X	X	X	X	X	X	X
			X	X								X						X	K F C R	1420	50	Santa Barbara		X	X	X	X	X	X	X	X	X	X	X
X	X	X										X	X	X	X	X	X	X	K F V D	1440	250	Venice						X	X	X	X	X	X	
			X	X	X	X	X	X	X	X	X							X	K G F J	1440	100	Los Angeles		X	X	X	X	X	X	X	X	X	X	X
NORTHERN CALIFORNIA																																		
	X						X	X	X			X	K L X	590	500	Oakland		X		X	X	X	X	X	X	X	X	X	X	X	X	X		
X	X	X	X	X	X				X	X	X	X	X	K F R C	660	1000	San Francisco		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	X		X	X	X	X	X	X	X	X	X	X	X	K P O	710	1000	San Francisco		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
		X	X	X	X						X	X	X	K G O	780	5000	Oakland		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	X													X	K Y A	970	5000	San Francisco		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
														X	K Q W	1018	500	San Jose			X	X	X	X	X									
X											X	X		X	K T A B	1070	500	Oakland		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
														X	K S M R	1100	100	Santa Maria			X	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X				X	X	X	X	K F W I	1120	500	San Francisco		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
NORTHERN AND WESTERN STATES																																		
X	X	X										X	X	K G W	610	1000	Portland		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
X				X	X		X	X	X	X	X			X	K F O A	670	1000	Seattle		X	X	X	X			X	X	X	X	X	X	X	X	
														X	K H O	810	1000	Spokane		X	X	X	X			X	X	X	X	X	X	X	X	
	X	X	X				X							X	K J R	860	2500	Seattle		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	X	X	X				X	X				X	X	X	K O A	920	5000	Denver		X	X	X	X	X	X									
		X	X	X	X				X	X		X	X	X	K O I N	940	1000	Portland		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	K O M O	980	1000	Seattle		X	X	X	X	X	X	X	X	X	X	X	X	X	
									X	X	X	X			X	K S L	990	1000	Salt Lake City		X	X	X	X	X									
															X	K O W W	1000	500	Walla Walla			X	X	X	X	X	X	X	X	X	X	X	X	
																		C N R V	1030	5000	Vancouver, B. C.		X	X	X	X	X	X	X	X	X	X	X	X
																		X	K F X F	1060	500	Denver		X	X	X	X	X	X	X	X	X	X	
																		X	K O A C	1110	500	Corvallis, Ore.			X	X	X	X						
																		X	K L Z	1120	250	Denver		X	X									
X	X																	X	K M O	1180	250	Tacoma					X	X						
																		X	K E X	1250	2500	Portland		X	X	X	X	X	X	X	X	X	X	X
																		X	K F Q W	1380	100	Seattle					X	X	X	X	X	X	X	X

**SM**

**SILVER-  
MARSHAL**



Operates from 30 to 3000 meters with a range of 5000 to 12,000 miles. Tested and approved by Christian Science Monitor and Federation of Labor WCFL radio section.



Buy these Silver-Marshall parts at your dealer's and, no matter how little your experience, you can assemble them into the finest receiver possible, as neat in workmanship as this illustration. You can do this for less than \$100.00. If you don't care to assemble it yourself, then your dealer or our official Service Stations will assemble it for you.

Guaranteed to outperform any 8-tube receiver on the market at three times the price. Every dealer knows Silver-Marshall products are best.

## **ERNEST WALKER SAWYER**

Factory Representative

Chamber of Commerce Bldg., Los Angeles

### **Official Los Angeles Silver-Marshall Service Stations**

Palmer Radio Laboratory  
4529 S. Vermont Ave.

Jack Cheney  
1759 West 39th St.

N. E. Brown Laboratory  
6805 S. Western Ave.

Radio Receiver Service  
402 Allied Crafts Bldg.

Lab. of Radio Standards  
2408 W. Vernon Ave.

Radio Bug House  
757 So. Main St.

# Sterling Dependable Socket-Power Units

## SATURDAY TIME TABLE

ADJUSTED TO PACIFIC TIME  
(X) Indicates Station Is On the Air

10-12 A.M.				12-2 P.M.				2-4 P.M.				4-6 P.M.				STATIONS				6-8 P.M.				8-10 P.M.				10-12 P.M.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
10:00-10:30				10:30-11:00				11:00-11:30				12:00-12:30				12:30-1:00				1:00-1:30				1:30-2:00				2:00-2:30				2:30-3:00				3:00-3:30				3:30-4:00				4:00-4:30				4:30-5:00				5:00-5:30				5:30-6:00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

# Restored Enchantment

THERE is no doubt of it—radio is better with Battery Power. And never was radio so worthy of the perfection of reception that batteries, and batteries alone, make possible. Today more than ever you need what batteries give—pure DC, Direct Current, electricity that flows smoothly, quietly, noiselessly. When such is the current that operates your receiver, you are unconscious of its mechanism, for you do not hear it humming, buzzing, crackling. The enchantment of the program is complete.

Batteries themselves have improved, as has radio. Today they are so perfect, and so long-lasting, as to be equal to the demands of the modern receiver. Power your set with Eveready Layerbilt "B" Battery No. 486. This is the battery whose unique, exclusive construction makes it last longer than any other Eveready. Could more be said? It brings you Battery Power with all its advantages, conferring benefits and enjoyments that are really tremendous when compared with the small cost and effort involved in replacements at long intervals.

At a turn of the dial a program



*Radio is better with Battery Power*

comes to you. It is clear. It is true. It is natural. You thank the powers of nature that have once more brought quiet to the distant reaches of the radio-swept air. You are grateful to the broadcasters whose programs were never so enjoyable, so enchanting. You call down blessings upon the authority that has allotted to each station its proper place. And, if you are radio-wise, you will be thankful that you bought a new set of "B" batteries for radio's most glorious season.

NATIONAL CARBON COMPANY, INC.  
New York



San Francisco

Unit of  
Union Carbide and Carbon Corporation

Tuesday night is Eveready Hour Night—  
9 P. M., Pacific Standard Time

KPO—KGO—San Francisco    KFI—Los Angeles  
KFOA—KOMO—Seattle    KGW—Portland  
Have you heard the new Victor record by the  
Eveready Hour Group—orchestra and singers  
—in Middleton's Down South Overture and  
Dvorak's Goin' Home?

**EVEREADY**  
**Radio Batteries**  
*—they last longer*



# Balkite has pioneered— *but not at public expense*

*The great improvements in  
radio power have been made by*

**Balkite**—First noiseless battery charging. Then successful light socket "B" power. Then trickle charging. And today, most important of all, Balkite "AB," a complete unit containing no battery in any form, supplying both "A" and "B" power directly from the light socket, operating only while the set is in use.

The pioneering has been important. Yet alone it would never have made Balkite one of the best known names in radio. Balkite is today the established leader because of Balkite performance at the hands of its owners.

Because with 2,000,000 units in the field Balkite has a record of long life and freedom from troubles seldom equalled in any industry.

Because the first Balkite "B," purchased 5 years ago, is still in use and will be for years to come.

Because the electrolytic rectification developed and used by Balkite is so reliable that today it is standard on the signal systems of most American as well as European and Oriental railroads.

Because Balkite is permanent equipment. Balkite has pioneered—but not at the expense of the public.

Today, whatever type of set you own, whatever type of power equipment you want, whatever you want to pay for it, Balkite has it. And production is so enormous that prices are astonishingly low.

*Your dealer will recommend the Balkite equipment you need for your set.*

FANSTEEL PRODUCTS COMPANY, INC., NORTH CHICAGO, ILLINOIS  
District Sales Representative, Lombard J. Smith, 324 N. San Pedro St., Los Angeles

**FANSTEEL**  
**Balkite** *Radio Power Units*



# The Radio Show Beautiful Starts Monday

## Attend it as our guests!

After weeks of preparation . . . after the expenditure of thousands of dollars in entirely redecorating the interior of the Ambassador Auditorium . . . the doors of the Fifth Annual Radio Show Beautiful are about to open.

It will be well worth your while to attend this great exhibition of what is latest and best in radio equipment. Here manufacturers will display receivers and accessories that have been years in the making.

Stewart-Warner Matched Unit Radio, for instance, will be shown in its entirety . . . the combined radio products of one of the world's foremost manufacturers . . . a firm that has been building precision electrical and magnetic equipment for more than 20 years.

Stewart-Warner Matched Unit Radio for the coming season will consist of three basic models . . . two one dial control models, using 6 tubes and a three dial model, using 5 tubes. Two new models of the Stewart-Warner Organ Voiced Reproducer are also featured. The single dial, six-tube models will be furnished in both table and console types . . . the consoles having self-contained Stewart-Warner Reproducers.

SEE THEM AT THE RADIO SHOW

**UNGAR & WATSON, INC.**

Wholesale Distributors Stewart-Warner Radio

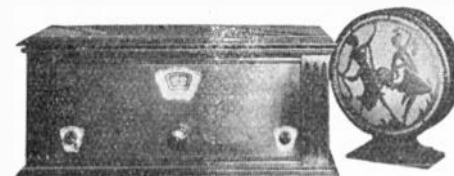
1366 South Figueroa St., Los Angeles

Phone WEstmore 2411

### Be Our Guests At The Radio Show

Reproduced on the opposite page is a partly paid ticket to the Fifth Annual Radio Show Beautiful. Arrangements made with the Show management, through whose courtesy we reproduce this ticket, make it possible for you to save 35c on the regular admission charge. Cut this ticket from the magazine . . . sign your name and address as indicated, present it at the Radio Show Box Office with 40c, and a fully paid 75c admission ticket will be given you. If you need more partly paid tickets for other members of your family . . . or friends . . . phone WEstmore 2411 . . . we'll mail them to you.

This handsome 6-tube, single dial control model and the New S.W. Organ Voiced Reproducer accompanying it will make radio history this year. The Model 705 is a fully shielded set.



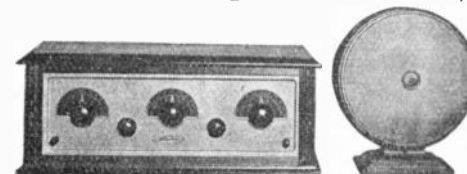
[Model 705 Receiver \$128<sup>00</sup>  
Model 425 Reproducer \$26<sup>00</sup>]

Six tubes . . . S.W. exclusive 88-note transformers . . . S.W. exclusive condenser control . . . as beautiful as it is efficient. The reproducer uses the same unit as the Model 425 pictured above.



[Model 525 Receiver \$82<sup>00</sup>  
Model 420 Reproducer \$18<sup>50</sup>]

Three dials . . . five tubes . . . U. S. Navy Receiving Circuit . . . the set that got Japan and Australia all last winter. And just look at the price. Reproducer is Stewart-Warner cone type and a beauty.



[Model 325 Receiver \$52<sup>50</sup>  
Model 415 Reproducer \$21<sup>00</sup>]

See All These Models At the  
Radio Show

### Use this ticket

#### FIFTH ANNUAL RADIO SHOW BEAUTIFUL

This coupon, when properly filled out with your name and address in space provided, will be honored at Radio Exposition Box Office as 35c paid on the regular 75c admission charge. Fill in coupon, present at Box Office with 40c and receive ticket.

Compliments of  
**UNGAR & WATSON, INC.**  
Stewart-Warner Radio

Name.....  
Address.....  
City.....

PRINT NAME AND  
ADDRESS HERE



**Unlimited Power**  
for your  
**Radio!**

**Sentinel**  
— Completely Automatic! —

## A-B-C Power Units

Perfect radio reception is possible only when proper "A," "B" and "C" voltages are applied to the tubes. *Sentinel Completely Automatic* Power Units provide the only possible means of keeping your electrical energy right at the point of greatest efficiency. Regardless of the number of tubes used in your set, *Sentinel* units will keep its performance up to the high standard you demand of it.

**There is a Sentinel Unit for every Radio Power Need, priced from \$15 to \$98.50**

**Sentinel Manufacturing Co.**

9705 Cottage Grove Ave.

Chicago, U. S. A.

**Western Radio, Inc.**

1224 Wall St. Southern California Distributors  
Los Angeles

WEstmore  
3338



**Balkite "A"**  
Contains no battery. The same as Balkite "AB," but for the "A" circuit only. Not a battery and charger but a perfected light socket "A" power supply. One of the most remarkable developments in the entire radio field. Price \$34.00.



**Balkite "AB"** Contains no battery. A complete unit, replacing both "A" and "B" batteries and supplying radio current directly from the light socket. Contains no battery in any form. Operates only while the set is in use. Two models: "AB" 6-135, \*135 volts "B" current, \$62.50; "AB" 6-180, 180 volts, \$72.50.



**Balkite "B"**  
One of the longest lived devices in radio. The accepted tried and proved light socket "B" power supply. The first Balkite "B," after 5 years, is still rendering satisfactory service. Over 300,000 in use. Three models: "B"-W, 67-90 volts, \$23.25; "B"-135, \*135 volts, \$33.75; "B"-180, 180 volts, \$41.00. Balkite now costs no more than the ordinary "B" eliminator.

### Balkite Chargers

Standard for "A" batteries. Noiseless. Can be used during reception. Prices drastically reduced. Model "J,"\* rates 2.5 and .5 amperes, for both rapid and trickle charging, \$18.75. Model "N,"\* Trickle Charger, rate .5 and .8 amperes, \$10.00. Model "K" Trickle Charger, \$7.80.



\*Special models for 25-40 cycles at slightly higher prices

**See the Balkite Exhibit,  
5th Annual National Radio  
Exposition, Ambassador  
Auditorium, Sept. 4-10**

FANSTEEL PRODUCTS COMPANY, INC., NORTH CHICAGO, ILLINOIS  
District Sales Representative, Lombard J. Smith, 324 N. San Pedro St., Los Angeles

FANSTEEL  
**Balkite** Radio  
Power Units

Entirely New  
Radically Different

**Sentinel**

*Completely Automatic!*

**A-B-C Power Units**



*Sentinel A-B-C (Completely Automatic) Unit  
supplies every power requirement of radio—  
\$79.50*

*Beverly Metered Model.....\$98.50  
(Illustration on opposite page)*

The most important contribution to radio science since the discovery of the vacuum tube. Ends the bother and uncertainty of ordinary batteries. Keeps any radio set, regardless of size, at high-peak of operating efficiency. There is a Sentinel Unit

**for every Radio  
Power Need**



*Sentinel "B-C" Power Unit—Beverly Metered Model. The 3 meters give absolute control of all plate voltages.....\$65.00  
Regular B-C, without meter 44.50*

In addition to units illustrated here, the following units are available in the Sentinel line:

The Sentinel Automatic Control unit used with any good "A" battery and a dependable charger (not the trickle type) provides completely automatic "A" Power. The Sentinel Relay Charger used with a standard "A" battery gives the set user completely automatic "A" power. The Sentinel Completely Automatic "A" unit is a combination of Relay, Charger and "A" battery. The Sentinel "B-C" used with the Automatic "A" becomes completely Automatic. The Sentinel A-B-C unit is a compact, completely automatic power pack for every radio need. Sentinel "B-C" and Sentinel "A-B-C" are made in two types, with or without meters.

**Sentinel Manufacturing Co.**

9705 Cottage Grove Ave.

Chicago, U. S. A.

**Western Radio, Inc.**

1224 Wall St.  
Los Angeles

*Southern California Distributors*

**Westmore  
3338**





**LESLIE ADAMS**  
Announcer

## Los Angeles, California—640 Kc.

# KFI

5000 WATTS—468.5 METERS

Radio Central Super-Station of Earle C. Anthony, Inc.  
1000 S. Hope. Phone WE. 0331. After 5 P.M., WE. 0337  
ROBERT HURD, Program Manager

WEEK COMMENCING SUNDAY, SEPTEMBER 4, 1927

### SUNDAY, SEPTEMBER 4

- 10:00 a.m.—Church services under direction of L. A. Church Federation.
- 11:00 a.m.—Third Church of Christ, Scientist.
- 6:00 p.m.—Santa Anita Trio.
- 6:30 p.m.—Boris Myronoff, concert pianist.
- 6:58 p.m.—Father Ricard's Sunspot weather forecast.
- 7:00 p.m.—Aeolian organ recital, Alex Reilly at the console.
- 8:00 p.m.—Packard Classic Hour, program by Zhay Clark, harpist; Robert Hurd, tenor, and Lilyan Ariel, accompanist.
- 9:00 p.m.—National Broadcasting Company Bible Drama, "Samson and Delilah," with Symphonic orchestra setting.
- 10:00 p.m.—Dolly McDonald, blues singer; Esther Walker, pianist.

### MONDAY, SEPTEMBER 5

- 5:30 p.m.—Alma Muskat, pianist; Carl Hanson, musical saw.
- 6:15 p.m.—George Wilder Cartwright.
- 6:30 p.m.—Gamut Male Quartet.
- 7:00 p.m.—Gene Johnston's Music Box Hour; Craig Leitch, tenor; Gene Johnston Trio.
- 8:00 p.m.—National Broadcasting Company, Grand Opera, "Le Nozze DiFigaro," by Mozart.
- 9:00 p.m.—Classic program.
- 10:00 p.m.—Program by Meiklejohn Bros.

### TUESDAY, SEPTEMBER 6

- 5:30 p.m.—The Dragon Hawaiians.
- 6:15 p.m.—Prof. Carl S. Knopf.
- 6:30 p.m.—J. Walter Leopold, pianist-composer.
- 6:45 p.m.—Florence Sanger, piano moods.
- 7:00 p.m.—Pal o' Mine Trio.
- 8:00 p.m.—Song recital by Virginia Flohri; Vlado Kolitsch, violinist.
- 9:00 p.m.—National Broadcasting Company, National Carbon Co., Eveready Hour, broadcast over the Pacific Coast network.
- 10:00 p.m.—Collegiate Aeolians Dance Orchestra.

### WEDNESDAY, SEPTEMBER 7

- 5:30 p.m.—Sebastian's Cotten Club Orchestra.
- 6:15 p.m.—Dr. George A. Cole.
- 6:30 p.m.—Bill Funk and his Packard Six Orchestra; Dare Sisters, soloists.
- 7:30 p.m.—Nick Harris, detective stories.
- 8:00 p.m.—A Night in New Orleans; Robert Hurd; Calpet Male Quartet, Calpet String Ensemble, Ray Bailey, director, on the program by the California Petroleum Corporation.

- 9:00 p.m.—National Broadcasting Company drama, "The Neighbors," by Zona Gale, broadcast over the Pacific Coast network.
- 10:00 p.m.—Virginia McCoy, contra-contralto.

### THURSDAY, SEPTEMBER 8

- 5:30 p.m.—Elkins and Hite's Dixieland Orchestra.
- 6:15 p.m.—Radiotorial period.
- 6:30 p.m.—Don Parker, popular pianist; Edna Cook, blues singer.
- 7:00 p.m.—Pastel Trio, Ira D. Morgan, soloist.
- 8:00 p.m.—Drama program, arranged by Dorothy Woods.
- 8:30 p.m.—Alice Andrews Reilly, contralto; Alex F. Reilly, accompanist.
- 9:00 p.m.—National Broadcasting Company program of chamber music; Estelle Heart-Dreyfus, contralto; Morris Stoloff String Quartet; Will Garraway, pianist; program originating over KFI, Los Angeles.
- 10:00 p.m.—Program of Modern Classical Music; Purcell Mayer, violinist; Adele Burton, pianist.

### FRIDAY, SEPTEMBER 9

- 5:30 p.m.—Eugene Biscailuz.
- 6:15 p.m.—N. W. Wells.
- 6:30 p.m.—Clarice Russele, blues singer; Florence Sanger, piano moods.
- 7:00 p.m.—Program by Paul Roberts; Harold Mulhollen and Yorke Coplen, violin duets; Harold Bayne Myers, accompanist.
- 8:00 p.m.—Dorothy Alcock, concert pianist; Raymond Toole, baritone.
- 9:00 p.m.—National Broadcasting Company, Philadelphia Storage Battery Co., broadcast over the Pacific Coast network.
- 10:00 p.m.—Program by Maryon Bliss; Gerhard Sache, pianist; Edna Gansel Dundon, violinist.

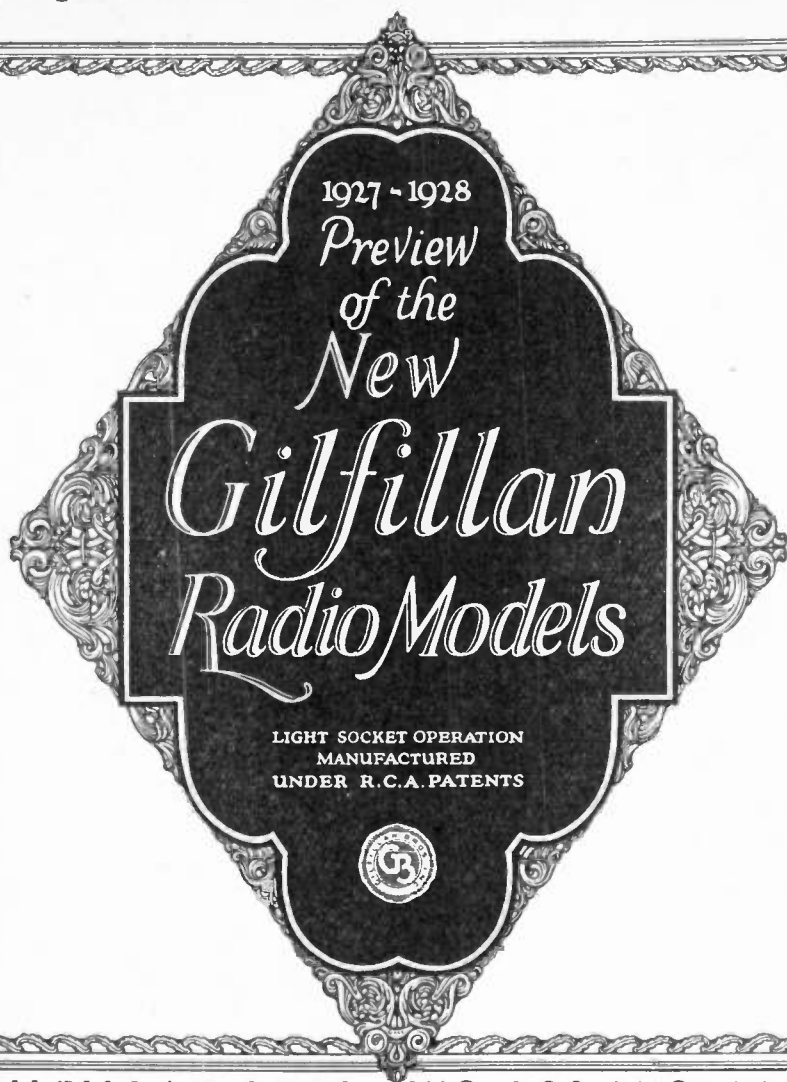
### SATURDAY, SEPTEMBER 10

- 5:30 p.m.—Strangers Social Club Orchestra.
- 6:15 p.m.—Francis Sullivan, literary talks.
- 6:30 p.m.—Vest Pocket period.
- 7:00 p.m.—Henry Starr, pianist and vocalist.
- 8:00 p.m.—National Broadcasting Company, "Saturday Night Review," broadcast over the Pacific Coast network.
- 9:00 p.m.—Maurine Dyer; James Burroughs, tenor; Lilyan Ariel, pianist.
- 10:00 p.m.—Packard Radio Club; Helen Guest; Esther Walker, pianist; Red Wyatt and his uke.
- 11:00 p.m.—KFI Midnight Frolic; Mosby's Dixieland Blue Blowers; Collegiate Aeolians Dance Orchestra.

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Program Published as Submitted by the Station

See Page 44 for Programs of National Broadcasting Company.

## GOLD SEAL—There are no better radio tubes made



GILFILLAN BROS. INC. LOS ANGELES

## No Batteries—No Chargers

These New Gilfillan Models Stand Ahead  
for Their BEAUTY, TONE and SIMPLICITY

*See Them at the Show*





**WILLIAM RAINERY**  
Announcer

# National Broadcasting Co., Inc.

**ORANGE NETWORK**

**KFI - KPO - KGO - KGW - KOMO - KFOA - KHQ**

**Program for Week Commencing Sunday, September 4**

**Sunday, September 4—9 to 10 P. M.**

The biblical drama, "Samson and Delilah" will be presented.

The Bible story of the mighty Samson, who was betrayed by Delilah, will be presented in dialogue form with an appropriate symphonic orchestral accompaniment.

The following persons will depict the characters of the drama: Emelie Melville, Benjamin Purrington, William Rainey and Margaret O'Dea.

**Monday, September 5—8 to 9 P. M.**

The opera "Le Nozze Di Figaro" (The Marriage of Figaro) by Mozart, will be presented under the direction of Max Dolin.

The plot is simple enough, and of a kind familiar enough in the 18th century. But for Mozart's genius it is possible that "The Marriage of Figaro" would have been forgotten.

Figaro, the former Barber of Seville, having helped Count Almaviva to marry Rosina by outwitting her guardian, Dr. Bartolo, was installed as "major domo" in the Count's household. All went well for a time but presently the Count wearied of tepid domesticity and his attention was attracted by Susanna, Rosina's maid. Figaro himself planned to marry Susanna and his suspicions were aroused by the Count's ready acquiescence in the marriage. It becomes plain to him that his master wishes to use him as a "smoke-screen" for his own peccadilloes. To complicate matters, Cherubino, a saucy page, is annoying the Count by paying attention to the Countess. Meantime, Susanna and the Countess take a hand unknown to either the Count or Figaro. In the final garden scene, the Count attempts at night to embrace Susanna, only to find he is courting Cherubino dressed up in her clothes. The Countess is wearing Susanna's attire and Figaro believing her to be his sweetheart attempts to kiss her. She reveals herself, but not before the Count himself has seen Figaro apparently kissing his wife. When the storm clears, however, the Count with his wife looking on is compelled to permit Figaro to wed Susanna with no further fear of molestation.

**Tuesday, September 6—9 to 10 P. M.**

"Hits and Bits of the Arctic" will be offered.

The program is built around the romance of the icy Northland as it is mirrored in music. Among the numbers to be played are "The Snow Maiden" by Tschaiakowsky, "The White Queen Overture" by Metra, selections from "It Happened in Nordland" by Victor Herbert, "The Sleigh Ride Party" by Michaelis, and "Santa Claus" by Olvey.

**Wednesday, September 7—9 to 10 P. M.**

"The Neighbors," a drama by Zona Gale, will be presented by the National Players under the direction of William Rainey.

This is a homely little play of life in a rural community. The reaction of the news of the death of the sister of Miss Ellsworth, one of the members of the community, furnishes the comedy and excitement for the play. News reaches Miss Ellsworth that her sister's little boy is to be sent to her, and this, coupled with the death of her sister, forms the nucleus of the plot.

The cast of characters is as follows: Grandma, Emelie Melville; Miss Diantha Abel, Alice Revebane; Ezra Williams, Jean Paul King; Peter, William Rainey; Inez, Doris Canney; Miss Elmira Moran, Juanita Gates Gale; Miss Trot, Ethel Shaw; Miss Carry Ellsworth, Gerda Wismer Hoffman.

**Thursday, September 8—9 to 10 P. M.**

"The Musical Comedy Hour," to be broadcast under the direction of Max Dolin, will include a varied program of musical numbers gleaned from not only those musical comedies of recent months but those that have proven popular several years ago.

The program department has delved into the musical library and has been selecting music for this popular feature for some time. For each presentation a diversified program is arranged which includes waltzes, fox trots, ballads and blues songs.

**Friday, September 9—9 to 10 P. M.**

Old tunes with a Southern darky flavor, all of them hits in their day, will be used in the "Hour in Memory Lane."

"Oh, Sam," "Darling Nellie Grey," "Coal Black Rose," "Preacher and the Bear," "I've Got Chicken on de Brain" and "John Brown's Body" are some of the old-timers in the schedule.

A rhapsody for the orchestra, "Ethiopian," "Wandering Willie," "Ragtime Tune" and "Cotton Field Scenes" are the familiar orchestral numbers to be heard this evening.

**Saturday, September 10—8 to 9 P. M.**

The regular Saturday night revue of the week's program will include portions of the opera, "The Marriage of Figaro," "Hits and Bits of the Arctic," "An Hour in Memory Lane," the drama program and "The Musical Comedy Hour."

**GOLD SEAL tubes are positively non-microphonic**



THE



## Radio Service

# Club of Southern California

*Announces*

*A New and Unique Service To All Radio Set Owners, As Follows:*

1. A thorough inspection of your radio equipment immediately after your application for membership is accepted.
2. Free service immediately upon your request 8 a. m. daily until midnight, including Sundays and holidays.
3. Tubes, batteries and accessories will be furnished members at 20% discount from the retail prices, same to be of standard make with factory guarantees.
4. Storage batteries used on your radio set will be called for, recharged, and delivered for 50 cents.
5. Your radio set will be taken to our laboratories and completely rewired or the circuit will be changed at any time at a nominal labor charge. Materials will be furnished for this work at the regular 20% discount.
6. You are privileged to attend club meetings where lectures will be given from time to time on radio subjects of general interest, and any social activities of the club.
7. You are entitled to our complete co-operation for better radio reception through our Bureau of Better Broadcasting.

Look for the Green Parrot Booth at the "Radio Show Beautiful"  
or Call

**GRanite 4161**

For Full Information

**Broadcasting Through KGFJ**

## Radio Service Club of Southern California

J. E. SWEET, T. A. McCARTY, *Managing Directors*

WM. A. DICKSON, I.R.E., *Chief Radio Technician*

**Sierra Vista at Western Avenue**

T. E. TYLOR, *Sales Manager*

M. T. GREER, *Supt. of Service*

**Los Angeles, California**





"Uncle John" Daggett  
Announcer

# KHJ

## Los Angeles, California—740 Kc.

500 WATTS—405.2 METERS

Times Bldg., First and Broadway, Los Angeles  
Owned and Operated by Los Angeles Times  
JOHN S. DAGGETT, Manager and Program Announcer  
Phone MEt. 0700

"Kindness, Happiness and Joy"

NIGHTLY EXCEPT SUNDAY AND MONDAY—

6:00 to 6:30 nightly, except Sunday and Monday.—KHJ Concert Trio.

7:20 p. m. nightly, except Sunday and Monday.—Scripture Reading.

8:00 p. m.—World-wide news items.

9:00 p. m.—Time signals and weather reports.

WEEK COMMENCING SUNDAY, SEPTEMBER 4, 1927

SUNDAY, SEPTEMBER 4

10:00 a. m.—Studio sermon by Dr. Gordon Palmer, pastor of South Gate Baptist Church.

10:30 a. m.—Morning service from the First Methodist Episcopal Church, Arthur Blakeley, organist.

7:00 to 8:00 p. m.—Evening services from the First Methodist Episcopal Church.

8:00 to 10:00 p. m.—Studio program with Mary West, contralto; Lee Sacks, concert pianist; F. G. Aspre, violinist, and Fredrick MacMurray, viola soloist.

MONDAY, SEPTEMBER 5

Silent all day.

TUESDAY, SEPTEMBER 6

6:30 p. m.—Uncle John and the children's hour, with Queen Titania and her Sandman; Lois Jane Campbell, "Brown Eyes;" Marguerite Bringham, "Nightingale," and Playground Department Harmonica Band.

7:30 p. m.—Talk on "Dogs" by H. M. Robertson.

7:45 p. m.—Music.

8:15 p. m.—Jennie Durkee, with her musical stringed instruments, including "The Shrine Triangulo."

8:30 p. m.—Open Forum. Talk on "Health," by Dr. Frank McCoy.

8:45 p. m.—Naomi Sweeney Brown, "California Mocking Bird," accompanied by Evelyn Surber.

9:00 p. m.—Open Forum.

9:15 to 10:00 p. m.—Musical program.

WEDNESDAY, SEPTEMBER 7

2:30 p. m.—"Garden Talk," by Fred C. Mc-Nabb.

6:30 p. m.—Uncle John and the children's hour, presenting Viola Essen, "B.B.;" Dick Winslow, screen juvenile; Patricia Eccleston, "Little Daffodil;" Glenn Fitz, "Optimistic Mascot," and pupil of Marshall Stedman.

7:30 p. m.—Talk on astronomy by Dr. Mars Baumgardt.

7:45 p. m.—Music.

8:15 p. m.—Times Aloha String Quartet.

8:30 p. m.—Talk by Pan-American Consular Corps members.

8:45 p. m.—Times Aloha String Quartet.

9:00 p. m.—Open Forum.

9:15 to 10:00 p. m.—Musical program.

THURSDAY, SEPTEMBER 8

Afternoon and evening special feature program of KHJ broadcast direct from the 1927 Los Angeles Radio Show.

FRIDAY, SEPTEMBER 9

KHJ will broadcast afternoon and evening the KNRC programs direct from the 1927 Los Angeles Radio Show.

SATURDAY, SEPTEMBER 10

6:30 p. m.—Uncle John and the children's program, with Nona Clapp, "Sunshine Fairy;" Dolly Wright, "Dolly of Radio-land;" Marjorie G. Lowe, "June Bug;" Clark Paschal, 13-year-old saxophonist; Arthur Stevens, "King Arthur;" and Eugenia Abriel, "Poppy Fairy."

7:30 p. m.—Open Forum.

7:45 p. m.—Music.

8:00 to 10:00 p. m.—Popular night at KHJ.

## CROSLEY SPECIALISTS

REPAIRING—BALANCING—SERVICE  
CHILDS' LAB., 2310 S. Union Av., L. A.

# Now a "Western B" Power Unit

## For Every Purpose:

Western B. . . . . \$18.50      Western Giant B. . . . . \$39.50

Western Super B. . . . . 33.50      and

Western B-C. . . . . 37.50      Western A-B-C. . . . . 42.50

See Us In Booth 152 at the Show and We Will Explain, or Call  
THornwall 3393

ASHWORTH & GALLOP, 5845 S. Broadway, Los Angeles, Cal.



MODEL A

See the  
Latest  
Development  
in  
Tone  
Reproduction  
at  
Booth 46

# **GOLDEN BEAR**

## **AIR COLUMN CABINET SPEAKERS**

102-inch Tone Travel

Walnut and Mahogany  
Finish

Ample Enclosed Space for  
Socket Power or  
Batteries

*Distributed by*

*A. J. Tobey Co.*

1145 Wall St., Los Angeles

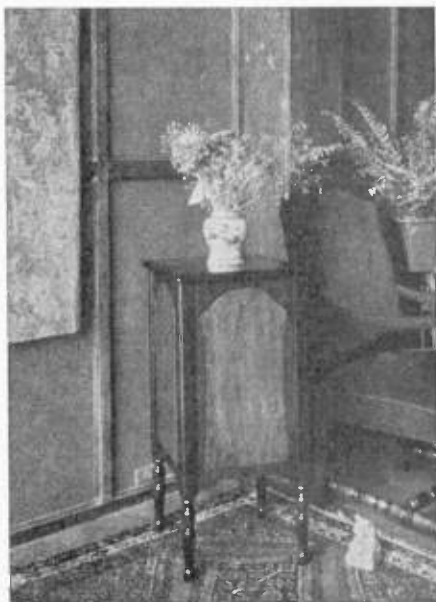
*Manufactured by*

**M. J. CARLS**

1929 S. Los Angeles St., Los Angeles

*Manufacturer of*

Full Line of Air Column Speakers,  
Ranging from Portable Sizes to  
the Largest Console Types



MODEL B





**EDDIE ALBRIGHT**  
"Town Crier of the Day"

## Hollywood, Cal.—890 Kc.

# KNX

500 WATTS—337 METERS

LOS ANGELES EVENING EXPRESS

Paul G. Hoffman's Studebaker Bldg. 616 Hollywood Blvd., Hollywood. Ph. HEMPstead 4101

NAYLOR ROGERS, Mgr. and Program Director

GLEN RICE, Assistant Manager

N. D. GARVER, Technical Engineer

"The Voice of Hollywood"



**NAYLOR ROGERS**  
Manager

### DAILY EXCEPT SUNDAY—

- 6:45 to 8:00 a.m.—Gold Seal early bird exercises by Dr. P. M. Seixas, through the courtesy of Sanitary Gold Seal Dairy.
- 8:00 a.m.—Inspirational talk and morning prayer.
- 8:55 a.m.—Time Signals from Washington, D. C., followed by Birthday Notices.
- 9:00 a.m.—Radio Shopping News, conducted by Carrie Preston Rittmeister.
- 10:00 a.m.—Town Crier of the Day's morning message.
- 10:30 a.m.—Kate Brew Vaughn, director Household Economics Department, Evening Express, except Friday and Saturday.
- 12:00 noon—Musical program.
- 12:30 p.m.—W. F. Alder Travelogue.
- 1:30 p.m.—The Bookworm.
- 2:00 p.m.—Musical program.
- 3:00 p.m.—C. P. R.'s musical program.
- 4:15 p.m.—Lost and Found announcements.
- 4:25 p.m.—Market reports.
- 5:00 p.m.—"Own Your Own Home" by Chet Mittendorf.
- 5:45 p.m.—"Amusement Tips."
- 6:00 p.m.—Biltmore Hotel Orchestra, broadcast from the Biltmore Dining Room.
- 6:30 p.m.—Dinner hour concert, directed by Paul Finstein.

### DAILY EXCEPT SUNDAY AND TUESDAY—

- 11:00 p.m.—Hotel Ambassador; Gus Arnheim's Coconut Grove Orchestra.

### WEEK COMMENCING SUNDAY, SEPTEMBER 4, 1927

#### SUNDAY, SEPTEMBER 4

- 10:00 a.m.—First Presbyterian Church of Hollywood, Rev. Stewart P. MacLennan.
- 2:00 to 4:00 p.m.—City Park Board musical program.
- 5:15 p.m.—All-Souls Church; Dr. Charles F. Aked speaking.
- 6:30 p.m.—First Unitarian Church.
- 7:00 p.m.—First Presbyterian Church of Hollywood, Rev. Stewart P. MacLennan.
- 8:00 p.m.—Feature program.
- 9:00 p.m.—Circle Theatre Concert Orchestra.

#### MONDAY, SEPTEMBER 5

- 7:00 p.m.—Dresslar Hardware Co., "Quick Meal" half hour.
- 7:30 p.m.—Playlet, courtesy Overell Furniture Company.
- 8:00 p.m.—Calmon Luboviski, master violinist, and Claire Melonino, pianist.
- 9:00 p.m.—Zenith Carburetor Co., courtesy program.
- 9:30 p.m.—Grauman's Chinese Theatre.
- 10:00 p.m.—Earl Burtnett's Biltmore Hotel Orchestra.

#### TUESDAY, SEPTEMBER 6

- 4:00 p.m.—Little Joyce Coad, movie star.
- 7:00 p.m.—Playgoers Club conducted by Wedgwood Nowell.
- 7:30 p.m.—Feature program.
- 9:30 p.m.—Cactus Manufacturing Company, courtesy program.

- 10:00 p.m.—Hotel Ambassador Gus Arnheim's Coconut Grove orchestra.

#### WEDNESDAY, SEPTEMBER 7

- 4:00 p.m.—Garden talk by Dewey R. Kruckeberg, of Theodore Payn's Nurseries.

#### 7:00 p.m.—Feature program.

- 8:00 p.m.—Security Trust and Savings Bank courtesy program.
- 10:00 p.m.—Earl Burtnett's Biltmore Hotel Orchestra.

#### THURSDAY, SEPTEMBER 8

- 11:00 a.m.—Talk on insects by H. W. McSpadden, manufacturer Marvel Ant Gelatin.
- 4:25 p.m.—Louise Johnson giving horoscopes.
- 7:00 p.m.—Carthy Circle Theatre.
- 9:00 p.m.—Grauman's Chinese Theatre.
- 10:00 p.m.—Earl Burtnett's Biltmore Hotel Orchestra.

#### FRIDAY, SEPTEMBER 9

- 4:00 p.m.—L. A. District Federation of Women's Clubs musical program.
- 7:00 p.m.—Playgoers Club.
- 7:30 p.m.—Dresslar Hardware Co. "Quick Meal" half hour.
- 8:00 p.m.—Davis Perfection Bread Co. courtesy program.
- 9:00 p.m.—Howard Clark through the courtesy of Dan Parker the tailor.
- 10:00 p.m.—Broadcasting the Main Events from the Hollywood Legion Stadium.

#### SATURDAY, SEPTEMBER 10

- 4:00 p.m.—"Human Nature," William Benton.
- 7:00 p.m.—Stories of insect life by Harry W. McSpadden.
- 7:15 p.m.—Announcement of Sunday services of the leading Los Angeles churches.
- 8:00 p.m.—Feature program.
- 10:00 p.m.—Earl Burtnett's Biltmore Hotel Orchestra.
- 12:00 p.m.—The Midnight Express.

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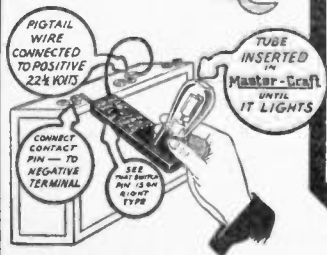
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**DAILY EXCEPT SUNDAY—**

12:00 to 12:30 p.m.—Shopping Directory.  
12:30 to 1:30 p.m.—Who's Who.  
1:30 to 2:30 p.m.—Classified Hour.  
5:00 to 5:15 p.m.—Vacation Days.

5:15 to 5:45 p.m.—Radio Review.  
5:45 to 6:00 p.m.—Town Tattler.  
6:00 to 7:00 p.m.—Dinner Hour Concert.  
7:50 to 8:00 p.m.—Daily News, except  
Sat., Wed. & Thurs.

10:00 to 11:00 p.m.—Musical program from Cinderella Roof Ballroom.

**WEEK COMMENCING SUNDAY, SEPTEMBER 4, 1927**

**SUNDAY, SEPTEMBER 4**

9:00 to 10:00 p.m.—Daily News, followed  
by Vitaphone Hour, presenting Vitaphone  
Recording Artists.  
10:00 to 11:00 p.m.—Daily News followed  
by Warner Bros. Frolic featuring June  
Parker, blues songs; LeRoy Kullberg and  
his guitar; Warner Bros. Dance Orchestra.

**MONDAY, SEPTEMBER 5**

2:30 to 3:00 p.m.—Program by courtesy  
of The Advance Electric Co.  
7:00 to 7:50 p.m.—Eunice Wynn, popular  
songs; Warner Bros. Hawaiian Trio.  
8:00 to 9:00 p.m.—Hermia and Kay Brown,  
harmony numbers; Warner Bros. Dance  
Orchestra.

9:00 to 10:00 p.m.—Charles Beauchamp,  
tenor; LeGrand Concert Trio.

**TUESDAY, SEPTEMBER 6**

11:30 to 12 noon.—Pacific Electric Art in  
old time songs to his banjo accompani-  
ment.

7:00 to 7:20 p.m.—Program by courtesy of  
Mercurochrome Tooth Paste Company fea-  
turing Ray Lindsey and his ukulele; Lu-  
cille Scott, pianist.

7:20 to 7:50 p.m.—Charlotte DeLovelace,  
blues songs; Way Watts, popular songs;  
Don Warner, pianist.

8:00 to 9:00 p.m.—Morris Sisters, harmony  
numbers; The Vitaphone Orchestra.

9:00 to 10:00 p.m.—John Ganton, tenor;  
Baffa Bros. Trio.

**WEDNESDAY, SEPTEMBER 7**

2:30 to 3:00 p.m.—Program by courtesy of  
The Advance Electric Co.

4:00 to 5:00 p.m.—By remote control from  
Cinderella Roof Ballroom.

7:00 to 8:00 p.m.—Program by courtesy of  
Don Lee, Cadillac agent.

8:00 to 8:10 p.m.—Daily News.

8:10 to 9:00 p.m.—Gene Johnston's Period.

9:00 to 10:00 p.m.—Archie Ruggles, tenor;  
Louise Sullivan's Trio.

**THURSDAY, SEPTEMBER 8**

4:30 to 5:00 p.m.—Program presented by  
Bureau of Public Safety of Los Angeles  
Police Department; Mr. Willard G.  
Thorpe, Los Angeles Police Commissioner,  
will give a brief talk.

7:00 to 7:20 p.m.—Program by courtesy  
of Mercurochrome Tooth Paste Company  
featuring Ray Lindsey, popular songs;  
Lucille Scott, pianist.

7:20 to 7:30 p.m.—Daily News.

7:30 to 8:30 p.m.—Program by courtesy of  
Don Lee, Cadillac Agent.

8:30 to 9:00 p.m.—Charlotte DeLovelace,  
blues songs; Warner Bros. Orchestra.

9:00 to 10:00 p.m.—David Percy, baritone;  
Ray Bailey's Trio.

**FRIDAY, SEPTEMBER 9**

8:00 a.m.—By remote control from The  
Breakfast Club.

2:30 to 3:00 p.m.—Program by courtesy of  
The Advance Electric Co.

7:00 to 7:50 p.m.—Eunice Wynn, popular  
songs; Warner Bros. Hawaiian Trio.

8:00 to 9:00 p.m.—Vernon Rickard, tenor;  
Warner Bros. Dance Orchestra.

9:00 to 10:00 p.m.—Leon Ardoff, dramatic  
basso cantante; Jose Prches, concert  
pianist; Russian Instrumental Quartette.

**SATURDAY, SEPTEMBER 10**

4:00 to 5:00 p.m.—By remote control from  
Cinderella Roof Ballroom.

7:00 to 7:20 p.m.—Program by courtesy of  
Mercurochrome Tooth Paste Company  
featuring Ray Lindsey, popular songs;  
Lucille Scott, pianist.

7:20 to 8:00 p.m.—Program in honor of  
Los Angeles Illustrated Daily News.

8:00 to 9:00 p.m.—Program by courtesy of  
the MonoMotor Oil Company presenting  
Lilyan May Challenger, contralto; and the  
MonoMotor Oil Company Dance Orches-  
tra.

9:00 to 10:00 p.m.—Ann Grey, blues  
songs; Warner Bros. Trio in popular  
numbers.

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### DAILY EXCEPT SUNDAY—

- 7:00 to 7:30 a.m.—Setting-up exercises by Professor Barclay L. Severns.
- 7:30 to 8:00 a.m.—Louise Howatt's Half-Hour of Happiness.
- 8:45 to 9:00 a.m.—Time signals from Washington, D. C., and musical numbers.
- 11:15 a.m. to 12:15 p.m.—"Don't Go 'Way Folks" Hour, directed by Charlie Wellman.
- 1:30 to 2:30 p.m.—KMTR Press Agent Hour.
- 2:30 to 3:00 p.m.—Helen's Matinee Hour.
- 4:30 to 6:00 p.m.—M. I. L. A. Hour.
- 5:30 to 6:00 p.m.—White King Male Quartet and Mona Content, concert pianist;
- 6:00 to 6:15 p.m.—Nightly Doings.
- 6:15 to 7:00 p.m.—Dinner hour program through the courtesy of the Ward Refrigerator Company.
- 7:00 to 7:30 p.m.—Fitzgerald Music Company courtesy program.
- 10:00 to 11:00 p.m.—Miller's Cafe Lafayette Dance Orchestra, Ray West, director.

### WEEK COMMENCING SUNDAY, SEPTEMBER 4, 1927

#### SUNDAY, SEPTEMBER 4

- 5:30 to 6:15 p.m.—White King Male Quartet and Mona Content, concert pianist, through the courtesy of the Los Angeles Soap Company.
- 6:15 to 6:30 p.m.—Nightly Doings.
- 6:30 to 7:00 p.m.—Burr McIntosh's Half Hour of Cheer.
- 7:00 to 8:00 p.m.—Miller's Cafe Lafayette Concert Orchestra.
- 8:00 to 10:00 p.m.—Walker's courtesy program, presenting Loren Powell's Little Symphony; J. Howard Johnson, tenor;

#### MONDAY, SEPTEMBER 5

- 12:30 to 1:30 p.m.—LeRoy Parry's Elite Dance Hour.
- 4:00 to 4:30 p.m.—J. P. Redding, representing the Iona Company.
- 5:15 to 5:30 p.m.—Chiropractic Health
- 5:45 to 7:30 p.m.—Fitzgerald Music Company courtesy program.
- 7:30 to 8:00 p.m.—Feature program.
- 8:00 to 10:00 p.m.—Courtesy program.

#### TUESDAY, SEPTEMBER 6

- 9:00 to 9:45 p.m.—Sylvia, the Blind Cook.
- 10:00 to 11:00 p.m.—Georgia O. George, "The Psychology of Beauty."
- 4:00 to 4:30 p.m.—Police Commissioner W. G. Thorpe, and the L. A. Police Quartet.
- 5:15 to 5:30 p.m.—Talk on Health by Dr. Robert T. Williams.
- 7:45 to 8:00 p.m.—Platt Music Company courtesy program, featuring Jean Leonard.
- 8:00 to 9:00 p.m.—Courtesy program.
- 9:00 to 10:00 p.m.—C. E. Toberman Company, Outpost Estates, courtesy program.

#### WEDNESDAY, SEPTEMBER 7

- 9:30 to 10:00 a.m.—Dr. S. J. Mathieson.
- 12:30 p.m.—Hollywood Chamber of Commerce courtesy program.
- 5:15 to 5:30 p.m.—Chiropractic Health

- 7:30 to 8:00 p.m.—Overell's Furniture Co. courtesy program, featuring the KMTR Players.
- 8:00 to 8:30 p.m.—Hollywood-By-the-Sea courtesy program.
- 8:30 to 9:30 p.m.—Pacific Auto Laundries, Incorporated, courtesy program.
- 9:30 to 11:00 p.m.—Miller's Cafe Lafayette Dance Orchestra, directed by Ray West.

#### THURSDAY, SEPTEMBER 8

- 10:00 to 10:45 p.m.—Dr. Paul J. Dorosh.
- 10:45 to 11:45 p.m.—Georgia O. George, "Psychology of Beauty."
- 11:45 to 12:45 p.m.—Jintown Five Dance Orchestra.
- 4:00 to 4:30 p.m.—J. P. Redding, representing the Iona Company.
- 5:00 to 5:30 p.m.—Dr. Gustav Biorkman, "Institute of Popular Medical Education."
- 7:30 to 8:00 p.m.—Martin Music Company, courtesy program.
- 8:00 to 10:00 p.m.—Studio Program.

#### FRIDAY, SEPTEMBER 9

- 1:15 to 1:30 p.m.—Walter Brown Murray, "How to Make Children Behave."
- 4:00 to 4:30 p.m.—Pacific Electric Art.
- 5:15 to 5:30 p.m.—Chiropractic Health Talk, by Dr. T. F. Ratledge.
- 7:45 to 8:00 p.m.—Platt Music Company courtesy program, featuring Jean Leonard.
- 8:00 to 9:00 p.m.—Brown Israel Company
- 9:00 to 10:00 p.m.—C. E. Toberman Company, Outpost Estates, courtesy program.

#### SATURDAY, SEPTEMBER 10

- 9:00 to 10:00 a.m.—Sylvia, the Blind Cook.
- 10:45 to 11:15 a.m.—Gordon Whitnall, of the City Planning Commission.
- 3:00 to 3:30 p.m.—Lawrence P. Taylor.
- 7:30 to 7:40 p.m.—M. D. Benesh.
- 7:40 to 8:00 p.m.—KMTR Movie Club.
- 8:00 to 8:30 p.m.—Hollywood-By-the-Sea courtesy program.
- 8:30 to 10:00 p.m.—Courtesy program.
- 10:00 to 12:00 p.m.—Miller's Cafe Lafayette

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## DAILY EXCEPT SUNDAY—

- 11:00 to 12:00 a. m.—Baron Keyes Diversities.  
3:00 to 4:00 p. m.—Palais de Dance by remote control, featuring Ralph Markey and his Musical Keys.  
4:00 to 5:00 p. m.—Educational Hour.  
5:00 to 6:00 p. m.—Sundown Frolic and Amusement Suggestions.  
6:00 to 6:55 p. m.—Dinner Hour Program.  
6:55 to 7:00 p. m.—Sports Review from the "Referee."  
10:00 to 11:00 p. m.—Palais de Dance by remote control, featuring Ralph Markey and his Musical Keys.

## WEEK COMMENCING SUNDAY, SEPTEMBER 4, 1927

### SUNDAY, SEPTEMBER 4

- 6:00 to 7:00 p. m.—Angelus String Trio, James Mulligan, Louise Watson.  
7:00 to 8:00 p. m.—Billy Barron, Edna Cook, Catherine O'Neil, Al Rattray.  
8:00 to 9:00 p. m.—Louise Moody Trio, Charles Johnson.  
9:00 to 10:00 p. m.—KPLA Metropolitan Orchestra, Fred Wesley.

### MONDAY, SEPTEMBER 5

- 4:00 to 4:03 p. m.—Bulletin, Health Commissioner Dr. Geo. Parrish.  
6:00 to 7:00 p. m.—Dinner hour, Angelus String Trio.  
7:00 to 7:30 p. m.—Sunny Clay and his Brunswick Recording Orchestra.  
7:30 to 8:00 p. m.—Charlie Hamp, through the courtesy of the Van Degriest Shoe Company.  
8:00 to 8:15 p. m.—Star Furniture Company program.  
8:15 to 9:00 p. m.—Fred Scott, Coral Atkins, Ida Schuetz.  
9:00 to 10:00 p. m.—Studio program.

### TUESDAY, SEPTEMBER 6

- 4:00 to 4:03 p. m.—Bulletin, Health Commissioner Dr. Geo. Parrish.  
6:00 to 7:00 p. m.—Dinner hour, Louise Moody Trio.  
7:00 to 7:30 p. m.—Studio program.  
7:30 to 8:00 p. m.—Southern California Box Lunch Association program.  
8:00 to 8:30 p. m.—Venna Taylor, LaMont Stetzer.  
8:30 to 9:30 p. m.—Waikiki Hawaiian Trio, Jack Jenkins, Wesley Van Doren.  
9:30 to 10:00 p. m.—Round by round returns of the main event from Olympic Auditorium, by remote control.

### WEDNESDAY, SEPTEMBER 7

- 4:00 to 4:03 p. m.—Bulletin, Health Commissioner Dr. Geo. Parrish.  
6:00 to 7:00 p. m.—Dinner hour, Angelus String Trio.

- 7:00 to 8:00 p. m.—Dick Ross' Virginians, Dare Sisters.  
8:00 to 8:15 p. m.—Star Furniture Company program.  
8:15 to 9:00 p. m.—Louise Moody Trio, Virginia McCoy.  
9:00 to 10:00 p. m.—LeRoy Kullberg, Ruth Michaelson, Esther Walker.

### THURSDAY, SEPTEMBER 8

- 4:00 to 4:03 p. m.—Bulletin, Health Commissioner Dr. Geo. Parrish.  
6:00 to 7:00 p. m.—Dinner hour, Kanner Trio.  
7:00 to 8:00 p. m.—Loran Minto Bates, Dorice Gordon.  
8:00 to 8:15 p. m.—Star Furniture Company program.  
8:15 to 9:00 p. m.—Ricardo Statero, Irene Wynne.  
9:00 to 10:00 p. m.—Angelus String Trio, G. E. Roletti, James Mulligan.

### FRIDAY, SEPTEMBER 9

- 4:00 to 4:03 p. m.—Bulletin, Health Commissioner Geo. Parrish.  
6:00 to 7:00 p. m.—Dinner hour, Louise Moody Trio.  
7:00 to 7:30 p. m.—Southern California Box Lunch Association program.  
7:30 to 8:00 p. m.—Charlie Hamp, through the courtesy of Van Degriest Shoe Co.  
8:00 to 8:15 p. m.—Star Furniture Co. program.  
8:15 to 9:00 p. m.—K P L A Metropolitan Dance Orchestra; Wint Cotton.  
9:00 to 10:00 p. m.—Kanner String Trio; Fred Scott.

### SATURDAY, SEPTEMBER 10

- 6:00 to 7:00 p. m.—Dinner Hour—Kanner Trio.  
7:00 to 8:00 p. m.—Gerald Thompson, Kay O'Neil, Frank Martin.  
8:00 to 9:00 p. m.—Emma Kimmell, Glen Pearce, Carfagno String Quartet.  
9:00 to 10:00 p. m.—Jack Miller's Hawaiian Trio; Wint Cotton.

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11:30 a. m. to 12:30 p. m.—Noonday Musical.

6:30 to 7:30 p. m.—Angelus Hour.

WEEK COMMENCING SUNDAY, SEPTEMBER 4, 1927

Aimee Semples McPherson

SUNDAY, SEPTEMBER 4

10:30 a. m. to 12:30 p. m.—Sunday morning worship. Aimee Semples McPherson.

2:30 to 4:40 p. m.—Sunday afternoon. Dispensational. Smith Wigglesworth.

6:30 to 9:30 p. m.—Revival Service. Aimee Semples McPherson.

10:00 to 11:00 p. m.—Organ Recital. Esther Fricke Greene.

TUESDAY, SEPTEMBER 6

10:30 to 11:30 a. m.—Dispensational Truth. Smith Wigglesworth.

2:30 to 3:30 p. m.—Grey Studio program.

3:30 to 4:40 p. m.—Vesper Hour. Margaret Hall. Mrs. J. W. Miller, Chester Waldron.

7:30 to 9:15 p. m.—Smith Wigglesworth, evangelistic service.

WEDNESDAY, SEPTEMBER 7

10:30 to 11:30 a. m.—Deeper Teachings. Smith Wigglesworth.

2:30 to 4:30 p. m.—Divine Healing Service. Aimee Semples McPherson.

7:30 to 9:30 p. m.—Regular Midweek Prayer Service. Aimee Semples McPherson.

THURSDAY, SEPTEMBER 8

10:30 to 11:30 a. m.—Smith Wigglesworth.

2:30 to 3:30 p. m.—Grey Studio program.

3:30 to 4:30 p. m.—Vesper Hour.

7:30 to 9:15 p. m.—Water Baptismal Service. Aimee Semples McPherson.

9:15 to 10:00 p. m.—Grey Studio Program.

10:00 to 11:00 p. m.—Organ recital.

FRIDAY, SEPTEMBER 9

10:30 to 11:30 a. m.—Morning service. Smith Wigglesworth.

2:30 to 3:30 p. m.—Grey Studio program.

3:30 to 4:30 p. m.—Vesper Hour.

7:30 to 9:30 p. m.—Crusader Rally. Aimee Semples McPherson.

10:00 to 11:00 p. m.—Back Home Hour.

SATURDAY, SEPTEMBER 10

10:30 to 11:30 a. m.—Sunshine Hour.

2:30 to 3:30 p. m.—Grey Studio program.

3:30 to 4:30 p. m.—Children's Happy Hour.

7:30 to 9:30 p. m.—Divine Healing Service. Aimee Semples McPherson.

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DAILY EXCEPT SATURDAY AND SUNDAY—

8:45 to 9:15 a. m.—Devotional Hour

9:00 to 10:00 p. m.—Inspirational Hour

8:00 to 9:00 p. m.—Biblical Exposition.

DAILY EXCEPT FRIDAY AND SUNDAY—

7:15 to 8:00 p. m.—Aunt Martha's Children's Hour.

WEEK COMMENCING SUNDAY, SEPTEMBER 4, 1927

SUNDAY, SEPTEMBER 4

10:45 to 12:30 p. m.—Regular service of the Church of the Open Door.

3:30 to 4:00 p. m.—Jewish Radio Hour. Biblical exposition by Rev. David L. Cooper.

6:00 to 7:00 p. m.—Radio Vesper Service.

7:15 to 9:30 p. m.—Regular evening service of the Church of the Open Door.

WEDNESDAY, SEPTEMBER 7

8:00 to 9:00 p. m.—Biblical exposition by Rev. C. B. Larrabee, of Denver, Colo.; musical program arranged by Marie Ambrose, soprano and pianist.

FRIDAY, SEPTEMBER 9

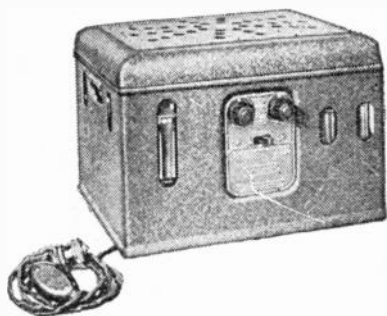
6:15 to 7:00 p. m.—Aunt Martha's Children's Hour.

7:00 to 8:00 p. m.—Exposition of International Sunday School lesson by Rev. John A. Hubbard.

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# KFQZ

232 METERS  
1641 North Argyle Ave., Hollywood, California  
Gladstone 3196; GLadstone 3197  
ALLAN FAIRCHILD, Program Director and  
Announcer

L. E. TAFT, Technical Engineer  
J. M. HUNT, Commercial Manager

### DAILY EXCEPT SUNDAY—

1:00 p. m.—News Bulletins, courtesy Los Angeles Record.  
5:00 p. m.—Booster Hour, courtesy Southern California Mfrs. Exhibit.  
6:00 p. m.—Panatrophe Dinner Hour, courtesy Barker Brothers.

### THURSDAY ONLY—

2:00 p. m.—Tryouts (not broadcast).

### WEEK COMMENCING MONDAY, SEPTEMBER 5, 1927

#### MONDAY, SEPTEMBER 5

7:00 to 8:00 p. m.—Sylvia Harding Trio, Don Stephens, soloist.  
8:00 to 9:00 p. m.—Myra Belle Vickers semi-classical hour.  
9:00 to 11:00 p. m.—Hollywood Pals; Rae Silverman, blues singer; Frank Martin, popular selections.

#### TUESDAY, SEPTEMBER 6

7:00 to 8:00 p. m.—E. Ruth Donnigan, soprano; Harold Binnard, baritone; Jack Jenkins and Wesley Van Doren.  
8:00 to 9:00 p. m.—Jim Browning and his Illuminators, Ethel Frances Forsman and Dewey Johnson.  
9:00 to 11:00 p. m.—Southern Serenaders Dance Orchestra; Morris Sisters in Novelty Duos; Minnie and Petrie, and Ama Lou Barns.

#### WEDNESDAY, SEPTEMBER 7

1:00 to 1:30 p. m.—Bureau of Public Safety program.  
7:00 to 7:10 p. m.—Dare Fashion Letter, courtesy of the Record.  
7:10 to 8:00 p. m.—Sylvia Harding Trio, Don Stephens, baritone.  
8:00 to 9:00 p. m.—Waikiki Hawaiian Trio, Ed Pose, Clayton L. Lunham, Chas. Venneman.  
9:10 p. m.—Bill Worth program, featuring Anderson's Colored Harmonizers and Virginia King.  
10:00 to 11:00 p. m.—Church of Philadelphia musical program.

#### THURSDAY, SEPTEMBER 8

7:00 to 8:00 p. m.—Leslie E. Taft on Radio Technology.  
8:00 to 9:00 p. m.—Pentex Novelty Trio, Bob Swan, Ernest Raignier, piano solos; Raymond Toole, tenor.  
9:00 to 11:00 p. m.—Bob's Foursome, Art Goodstein and Ama Lou Barns in blues.

#### FRIDAY, SEPTEMBER 9

7:00 to 8:00 p. m.—Frank Culbreath and his Serenaders; Margaret Ruth Kernan, Stevenson's Hawaiian Trio.  
8:00 to 9:00 p. m.—Paramount Kings, and Wm. Mitnick, 15-year-old violinist.  
9:00 to 11:00 p. m.—Beverly Play Boys, Rae Silverman, Frank Martin, Hooper and Rattray Why.

#### SATURDAY, SEPTEMBER 10

7:00 to 8:00 p. m.—Pastel Trio, Tiverly Trio and others.  
8:00 to 9:00 p. m.—KFQZ Radio Players under direction of Arthur T. Horman.  
9:00 to 11:00 p. m.—Bob's Musical Boys, Betty Moffet and her Sisters and Jean Talbot, jazz piano; Curly Trump and Geo. Ramirez.

#### SUNDAY, SEPTEMBER 11

8:00 to 9:00 p. m.—Columbia Rec. Hour.  
9:00 to 11:00 p. m.—Lou Goldwater's Melody Boys, Virginia King, Pentex Novelty trio and Oscar Teale.



GEORGE FRENCHER  
Announcer

## Pasadena, California—950 Kc.

# KPSN

PASADENA STAR-NEWS  
1000 WATTS—315.6 METERS  
GEORGE CECIL COWING, Managing Director  
GEORGE FRENCHER, Program Manager  
HERSHEL SATTERFIELD, Engineer in Charge  
PERCY C. PRYOR, Studio Office  
Phone Wakefield 3111

### DAILY EXCEPT SUNDAY—

12:15 p. m.—News Bulletin.  
8:00 to 8:15 p. m.—Late News Review

### WEEK COMMENCING MONDAY, SEPTEMBER 5, 1927

#### MONDAY, SEPTEMBER 5

8:00 to 9:00 p. m.—Star-News concert.

#### TUESDAY, SEPTEMBER 6

8:00 to 9:00 p. m.—Star-News concert with James H. Shearer, organist; Frederick MacMurray, viola soloist, and Geo. Frencher, tenor soloist.

#### THURSDAY, SEPTEMBER 8

8:00 to 9:00 p. m.—Star-News Concert.

#### FRIDAY, SEPTEMBER 9

8:00 to 9:00 p. m.—Star-News Concert.

#### SATURDAY, SEPTEMBER 10

6:00 p. m.—News bulletins.  
8:00 to 9:00 p. m.—Star-News Concert.





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Hollywood Music Co.  
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2891 W. Pico St.  
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### Southeast

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Wolfe Radio Co.  
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WASHington 5711

### Downtown

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TRinity 0746

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ance Shop  
336 S. Broadway  
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Martin Music Co.  
734 S. Hill St.  
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"The Willard Storage Battery Station"



JAMES FOUCH  
Manager

WEEK COMMENCING SUNDAY, SEPTEMBER 4, 1927

## SUNDAY, SEPTEMBER 4

11:00 a.m. to 12:15 p.m. — Centinella Baptist Church by remote control. Rev. J. A. V. Peters, pastor.

## MONDAY, SEPTEMBER 5

5:30 to 7:00 p.m. — Shopping Hints—with the Dixieland Syncopaters.

7:00 to 8:00 p.m. — City of Inglewood, courtesy program, Roberts Golden State Band.

10:00 to 10:30 p.m. — Rubaiyat Ballroom, courtesy program, by remote control.

10:30 to 11:00 p.m. — Leslie R. Lumley-Auburn, courtesy program, by remote control the Rubaiyat Ballroom.

11:00 to 11:30 p.m. — City National Bank of Huntington Park, courtesy program, by remote control from the Rubaiyat Ballroom.

11:30 to 12:00 p.m. — Rubaiyat Ballroom of Huntington Park, courtesy program by remote control.

## TUESDAY, SEPTEMBER 6

5:30 to 7:00 p.m. — Shopping Hints—with Charlie Diamond—Steel Guitar soloist.

7:00 to 7:20 p.m. — Beauty talk, courtesy Mae Day Beauty Salon of Long Beach.

7:20 to 8:00 p.m. — Studio program, with Merc. Berger, Blues, Rattray and Hooper-Harmonies, Neva Nagus, whistle.

10:00 to 10:30 p.m. — Nichols Shoe Store of Huntington Park, courtesy program, by remote control from Rubaiyat Ballroom.

10:30 to 11:00 p.m. — Condee Investment Company, courtesy program, by remote control from Rubaiyat Ballroom.

11:00 to 11:30 p.m. — Maisco & Harvey Paint Store's courtesy program by remote control from the Rubaiyat Ballroom.

11:30 to 12:00 p.m. — Elite Cleaners of Huntington Park, courtesy program, remote control, from Rubaiyat Ballroom.

## WEDNESDAY, SEPTEMBER 7

5:30 to 7:30 p.m. — Shopping Hints, with Bob Harker and Todd Watterman—banjo soloists.

7:00 to 7:30 p.m. — Studio program.

7:30 to 8:00 p.m. — Inglewood Furniture Company, courtesy program, with Louise White, soprano; Tiny Newlin-Balada-Arnold White, baritone.

10:00 to 1:30 p.m. — Hub Furniture Company of Huntington Park, by remote control from the Rubaiyat Ballroom.

10:30 to 11:00 p.m. — Albert Eggers Dollar Store of Huntington Park, by remote control from the Rubaiyat Ballroom.

11:00 to 11:30 p.m. — Maurice J. Sopp-Chevrolet program by remote control from the Rubaiyat Ballroom.

11:30 to 12:00 p.m. — Bluemle Gibson Sporting program by remote control from the Rubaiyat Ballroom.

## THURSDAY, SEPTEMBER 8

5:30 to 6:45 p.m. — Shopping Hints, with Dixieland Syncopaters.

6:45 to 7:00 p.m. — Beauty talk, courtesy Mae Day Beauty Shop of Long Beach.

7:00 to 7:30 p.m. — Fairview Heights Merchants courtesy program, with Merc. Berger, Rattray and Hooper.

7:30 to 8:00 p.m. — Hermosa Merchants courtesy program, with Rey Watt.

8:00 to 9:00 p.m. — Torrance Merchants program, with Milt Gardner Merrymakers.

9:00 to 10:00 p.m. — Hotel.

10:00 to 10:30 p.m. — Johnson's United Stores of Huntington Park, courtesy program by remote control from the Rubaiyat Ballroom.

10:30 to 11:00 p.m. — Brawley's Pharmacy of Huntington Park, courtesy program by remote control from the Rubaiyat Ballroom.

11:00 to 12:00 p.m. — Van Maters Coffee Shop, courtesy program by remote control from the Rubaiyat Ballroom.

## FRIDAY, SEPTEMBER 9

5:30 to 7:00 p.m. — Shopping Hints, with Charlie Diamond.

7:00 to 8:00 p.m. — Kemper Portable Radio Slogan Contest, with Louise White, Clarence Russell, Blues; Arnold White, baritone.

10:00 to 10:30 p.m. — McCulley's Market of Huntington Park, courtesy program by remote control from the Rubaiyat Ballroom.

10:30 to 11:00 p.m. — Lund's Super Service Station, courtesy program by remote control from the Rubaiyat Ballroom.

11:00 to 11:30 p.m. — Park Motors Company-Chrysler, courtesy program by remote control from the Rubaiyat Ballroom.

11:30 to 12:00 p.m. — Rubaiyat Ballroom of Huntington Park by remote control.

## SATURDAY, SEPTEMBER 10

5:30 to 7:00 p.m. — Shopping Hints, with Dixieland Syncopaters.

7:00 to 10:00 p.m. — Redondo Merchants' program, with Milt Gardner's K-U-I-C Merrymakers—Don Miner—Rey Wyatt—Tiny Newlin—Arnold White.

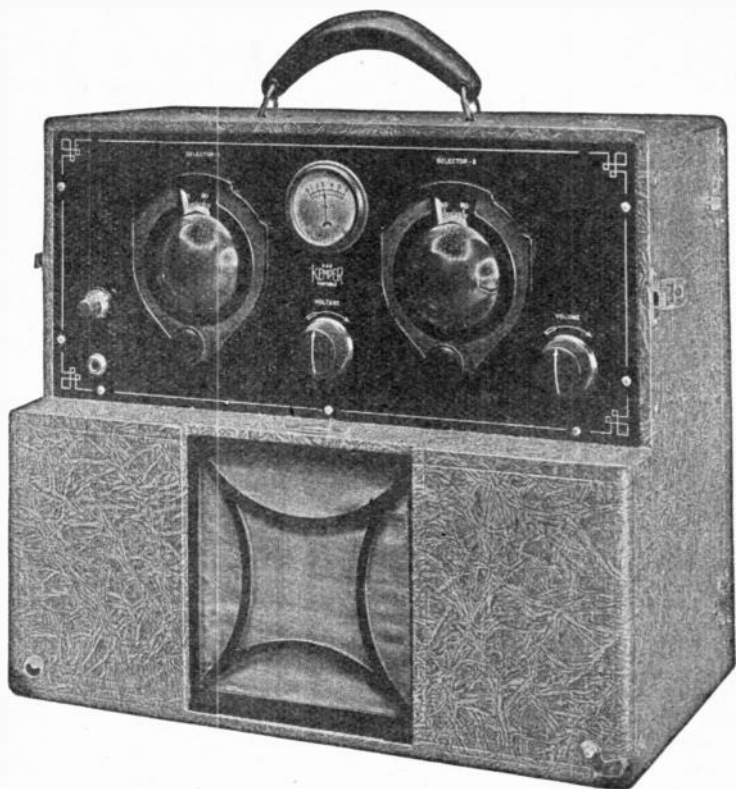
10:00 to 10:30 p.m. — Lassard & Kimble, Studebaker, courtesy program by remote control from the Rubaiyat Ballroom.

10:30 to 11:00 p.m. — Douggerty Radio courtesy program by remote control from the Rubaiyat Ballroom.

11:00 to 11:30 p.m. — Jay Elam, Clothier, courtesy program by remote control from the Rubaiyat Ballroom.

11:30 to 12:00 p.m. — Brunswick Shop of Huntington Park, courtesy program by remote control from the Rubaiyat Ballroom.

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*"Keeping Good Folks Joyful"*

**DAILY EXCEPT SUNDAY—**

- 6:30 to 8:30 a.m.—"Breakfast Hour" program, featuring Joey Starr's KGFJ Orchestra.  
 6:30 to 9:30 a.m.—Gordon Smith's Radiotising Service with Electrola.  
 12:00 to 12:30 p.m.—Laboratory of Radio Standards' program with classical records on the Electrola.  
 12:30 to 1:00 p.m.—Studio half hour.  
 1:00 to 2:00 p.m.—"New Way System of Growing Hair" program—talk by J. K. Carden.  
 2:00 to 2:30 p.m.—Varied talks.  
 2:30 to 3:30 p.m.—Combined Advertisers' courtesy program.  
 3:30 to 4:30 p.m.—Lou Parker, contra-contralto, and Blanche Cooper, pianist.  
 6:00 to 7:00 p.m.—Roy M. Johnson courtesy program.  
 7:00 to 8:00 p.m.—Gordon Smith's Radiotising Service with varied programs.  
 8:00 to 9:00 p.m.—El Patio Ballroom by remote control.

**WEEK COMMENCING MONDAY, SEPTEMBER 5, 1927****MONDAY, SEPTEMBER 5**

- 2:30 to 3:30 p.m.—Program arranged by Bud Riley, Director of the Honolulu Conservatory of Hawaiian Music.  
 6:00 to 6:30 p.m.—Studio Half Hour featuring J. Walter Leopold, singing his own compositions.

**TUESDAY, SEPTEMBER 6**

- 2:30 to 3:30 p.m.—Leroy Helrigel, violinist; Leroy Harron, violinist; Virgie Dugas, pianist; Marjorie Murrey, popular songs; Charles Johnson, tenor.

**WEDNESDAY, SEPTEMBER 7**

- 2:15 to 2:30 p.m.—Health Talk by Dr. Myers.

- 2:30 to 3:30 p.m.—Thelma Black, popular songs; Mercedes Marlowe, blues singer.

**THURSDAY, SEPTEMBER 8**

- 2:30 to 3:30 p.m.—Marjorie Murrey, popular songs; Georgia Oliver, whistler; Mugs Draper, popular songs.

**FRIDAY, SEPTEMBER 9**

- 2:30 to 3:30 p.m.—Thelma Black, popular songs; Annandale Trio, Billie Benton, popular songs.

**SATURDAY, SEPTEMBER 10**

- 2:30 to 3:30 p.m.—Billy Eaves, tenor; Neva Neegas, warbler; Waiora Rogers, soprano.

**Venice, California—1440 Kc.****KFVD**

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 Venice, Cal. Phone 65959

MARY ELIZABETH CARTER, Mgr and Announcer  
 Donald Peters, Technician

**DAILY EXCEPT SUNDAY—**

- 9:00 to 11:00 a.m.—Music and "Trade Winds."  
 11:00 a.m. to 12:00 m.—Merv Elizabeth's Garden  
 5:30 to 7:00 p.m.—Music and "Trade Winds."  
 8:00 p.m. to 10:00 p.m.—Studio program.  
 10:00 p.m. to 12:00 m.—Cush Branch and Orchestra

**Mary Elizabeth Carter WEEK COMMENCING MONDAY, SEPTEMBER 5, 1927****MONDAY, SEPTEMBER 5**

- 9:00 to 10:00 p.m.—Georgia Fabregat and his Tivoli Orchestra; Fred Wesley, tenor; Estelle Kendig, soprano; Tiny, Jack and Busk, the KFVD Harmony Trio; Catherine O'Neil, pianist.

**TUESDAY, SEPTEMBER 6**

- 9:00 to 10 p.m.—Hal Denny, violinist; Scott McConnell, tenor; Morris Lensky, Russian baritone; Ansley Graham, tenor; Esther Jacobson, soprano; Carlotta Jacobson, whistler; E. L. Neilson, tenor.

**WEDNESDAY, SEPTEMBER 7**

- 9:00 to 10:00 p.m.—Lou Goldwater and his orchestra; Roy T. Davis, whistler; Lauraine C. Smith, soprano; Marvin Christensen, tenor.

- 12:00 to 2 a.m.—Tommy Jacobs and his Ship Cafe Frolic.

**THURSDAY, SEPTEMBER 8**

- 9:00 to 10:00 p.m.—Jahn's Chromatic Syn-copators; Carl Stoerkel, whistler; Clara Stoerkel, soprano; Lucy Allen, soprano.

**FRIDAY, SEPTEMBER 9**

- 9:00 to 10:00 p.m.—Fremont High School Quartet; Don Donovan, tenor; Herman Knoller, violinist; Roy King, tenor; Helen Wilkenson, soprano.

**SATURDAY, SEPTEMBER 10**

- 9:00 to 10:00 p.m.—The Doty Twins and Harl; Brace Widman, contralto; Cleveland Davis, baritone; Mildred Davis, pianist; Tiny, Jack and Busk, the KFVD Harmony Trio.

**SUNDAY, SEPTEMBER 11**

- 6:00 to 12:00 a.m.—Ben Pollack and his Californians from the Venice Ballroom.

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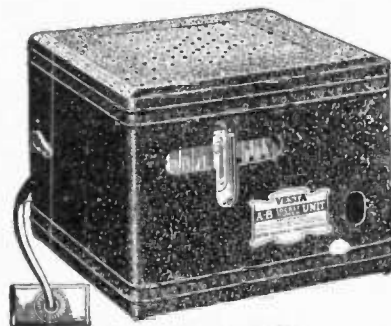
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**TOM MITCHELL**  
Announcer

## Santa Monica, California—800 Kc.

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**TOM MITCHELL**, Studio Manager and Announcer.  
**C. B. JUNEAU**, Transmission Engineer  
**R. L. RUST**, Advertising Manager  
"The Station with a Smile"

### DAILY EXCEPT SUNDAY—

2:30 to 3:00 p.m.—Band concert.  
3:15 to 4:00 p.m.—Band concert.  
5:00 to 6:00 p.m.—Merchants' hour.  
6:00 to 7:00 p.m.—Casa Del Mar organ.

### WEEK COMMENCING SUNDAY, SEPTEMBER 4, 1927

#### SUNDAY, SEPTEMBER 4

10:45 to 11:45 a.m.—Lutheran Church.  
2:30 to 4:00 p.m.—Band concert.  
6:15 to 7:00 p.m.—Lutheran Church.  
7:00 to 8:00 p.m.—Casa Del Mar.  
8:00 to 9:00 p.m.—Band concert.  
9:00 to 10:00 p.m.—Casa Del Mar.

#### MONDAY, SEPTEMBER 5

2:00 to 2:30 p.m.—Studio.  
7:00 to 8:00 p.m.—Helen and Jim.  
8:00 to 9:00 p.m.—Band concert.  
9:00 to 10:00 p.m.—Shirley Mukin, pianist.  
10:00 to 11:00 p.m.—Casa Del Mar Organ.

#### TUESDAY, SEPTEMBER 6

1:30 to 2:00 p.m.—Studio.  
2:00 to 2:30 p.m.—I. B. S. A.  
3:00 to 3:15 p.m.—Studio.  
7:00 to 8:00 p.m.—Helen and Jim.  
8:00 to 9:00 p.m.—Band concert.  
9:00 to 10:00 p.m.—Studio.  
10:00 to 11:00 p.m.—Casa Del Mar.

#### WEDNESDAY, SEPTEMBER 7

1:30 to 2:30 p.m.—Studio.  
3:00 to 3:15 p.m.—Studio.  
7:00 to 8:00 p.m.—Helen and Jim.  
8:00 to 8:10 p.m.—Eugene Biscailus.  
8:10 to 8:30 p.m.—Band.  
8:30 to 9:30 p.m.—Edgewater Club.  
9:30 to 10:30 p.m.—Fights given blow by  
blow from ringside at Ocean Park Ath-  
letic Club.

10:30 to 11:30 p.m.—Casa Del Mar Or-  
chestra.

#### THURSDAY, SEPTEMBER 8

1:30 to 2:00 p.m.—Studio.  
2:00 to 2:30 p.m.—I. B. S. A.  
3:00 to 3:15 p.m.—Studio.  
7:00 to 8:00 p.m.—Helen and Jim.  
8:00 to 9:00 p.m.—Band concert.  
9:00 to 10:00 p.m.—Studio.  
10:00 to 11:00 p.m.—Casa Del Mar Or-  
chestra.

#### FRIDAY, SEPTEMBER 9

1:30 to 2:30 p.m.—Studio.  
3:00 to 3:15 p.m.—Studio.  
7:00 to 8:00 p.m.—Helen and Jim.  
8:00 to 8:10 p.m.—Jack Boaz, Hunting and  
Fishing Scout.  
8:10 to 9:00 p.m.—Band concert.  
9:00 to 10:00 p.m.—Edgewater Club Or-  
chestra.  
10:00 to 11:00 p.m.—Casa Del Mar Or-  
chestra.

#### SATURDAY, SEPTEMBER 10

1:30 to 2:00 p.m.—Studio.  
2:00 to 2:30 p.m.—I. B. S. A.\*  
3:00 to 3:15 p.m.—Studio.  
7:00 to 8:00 p.m.—Helen and Jim.  
8:00 to 9:00 p.m.—Band concert.  
9:00 to 10:00 p.m.—Gables Club program.  
10:00 to 11:00 p.m.—Casa Del Mar Or-  
chestra.  
11:00 to 12:00 p.m.—Edgewater Club Or-  
chestra.



**Major Lawrence Mott**  
Announcer

## Avalon, California—1000 Kc.

# KFWO

THE CATALINA ISLAND STATION  
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Power 250 Watts—300 Meters  
"Katalina for Wonderful Outings"  
**MAJOR LAWRENCE MOTT**—Owner-Operator  
**MISS FRANCES HEWITT**, Studio & Program Dir.  
"The Isle with a Smile"

### DAILY EXCEPT MONDAY—

12:30 to 2:00 p.m.—Hotel St. Catherine Orchestra.  
6:30 to 7:30 p.m.—Hotel St. Catherine Orchestra.  
7:30 to 9:00 p.m.—Catalina Marine Band.

#### MONDAYS

Silent.

#### WEDNESDAYS

9:00 to 11:00 p.m.—Overseas program from  
studio.

#### THURSDAYS

6:00 to 6:30 p.m.—Wrigley Chimes.

#### SUNDAYS

5:00 to 6:00 p.m.—Miss Hewitt's Golden  
Hour.  
6:00 to 6:30 p.m.—Wrigley Chimes.

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Six-Tube Console  
Complete**

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**Distance** with a good location, the Patterson Radio will bring them in clear and loud.

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puts a guaranteed \$165 console, 6-tube receiver in your home for cash at about \$35 less than the actual wholesale price. Volume production is the answer.

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Established 1921

239 S. Los Angeles St.

VA. 8139

Los Angeles, Calif.



"HAL" G. NICHOLS  
Manager

# KFON

## Long Beach, California 1240 Kc.

500 WATTS—242 METERS  
PIGGLY WIGGLY STATION

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Office: 212 Jergins Trust Bldg. 617-19, 614-60

"Where Your Ship Comes In"



CLARENCE CRARY  
Announcer

### DAILY—

- 4:30 to 6:00 p.m.—Piggly Wiggly Concert Orchestra.  
6:00 to 6:15 p.m.—"Happiness & Harmony," by "Doris & Clarence."  
6:15 to 7:00 p.m.—Piggly Wiggly Concert Orchestra.

### DAILY EXCEPT SATURDAY AND SUNDAY—

- 9:30 to 10:00 a.m.—Organ Recital, Second Church of Christ, Scientist.  
10:15 to 10:30 a.m.—Devotional period.  
10:30 to 11:30 a.m.—Physiology of Beauty.

### DAILY EXCEPT SUNDAY—

- 11:30 to 11:50 a.m.—Press-Telegram Early News, by Frank Goss.  
11:50 to 12:00 noon—Social Welfare Talks, direction Annis L. Fletcher.  
12:00 noon—Lost and Found announcements.  
4:00 to 4:30 p.m.—Press-Telegram Late News, by Frank Goss.

### DAILY EXCEPT MONDAY—

- 2:30 to 4:00 p.m.—Long Beach Municipal Band Concert.  
8:00 to 9:00 p.m.—Press-Telegram presenting L. B. Municipal Band.

### WEEK COMMENCING SUNDAY, SEPTEMBER 4, 1927

#### SUNDAY, SEPTEMBER 4

- 9:30 to 10:30 a.m.—Pacific Coast Club Organ—Herbert Nixon.  
10:30 to 11:00 a.m.—Studio program.  
11:00 to 12:30 p.m.—(Please note at bottom of program.)  
12:30 to 1:30 p.m.—Birkel Music Company.  
1:30 to 2:30 p.m.—Cloverleaf Chocolate.  
4:00 to 4:30 p.m.—Studio program.  
7:00 to 7:45 p.m.—Studio program.  
9:00 to 12:00 midnight—Studio Frolic.

#### MONDAY, SEPTEMBER 5

- 10:00 to 10:15 p.m.—"Shopping News."  
12:00 to 12:30 p.m.—Moore's Apparel Shop.  
12:30 to 1:00 p.m.—Kay & Burbank.  
1:00 to 1:30 p.m.—"Doris and Clarence," Harris Fur Co.  
1:30 to 2:00 p.m.—Pacific Coast Club Organ—Herbert Nixon.  
2:00 to 2:30 p.m.—Rialto Radio Co.  
2:30 to 3:00 p.m.—Studio program.  
3:00 to 4:0 p.m.—Capitol Theatre Organ makers."  
7:00 to 8:00 p.m.—"Piggly Wiggly Hay-makers."  
8:00 to 9:00 p.m.—Majestic Ballroom.  
9:00 to 12:00 midnight—Kiwanis Frolic.

#### TUESDAY, SEPTEMBER 6

- 10:00 to 10:15 p.m.—Piano recital.  
12:00 to 12:30 p.m.—Studio program.  
12:30 to 1:00 p.m.—Georgia O. George program, by "Doris and Clarence."  
1:00 to 1:30 p.m.—Kiwanis Club luncheon.  
1:30 to 2:00 p.m.—Pacific Coast Club.  
2:00 to 2:30 p.m.—Imperial Trio.  
7:00 to 7:30 p.m.—Birkel Music Company.  
7:30 to 8:00 p.m.—Novelty Play by Piggly Wiggly Players.  
9:00 to 10:00 p.m.—Piggly Wiggly Hour  
10:00 to 11:00 p.m.—Breakers Hotel Orch.  
11:00 to 12:00 midnight—Pacific Coast Club.

#### WEDNESDAY, SEPTEMBER 7

- 10:00 to 10:15 a.m.—"Shopping News."  
12:00 to 12:30 p.m.—Moore's Apparel Shop.  
12:30 to 1:30 p.m.—Kay & Burbank musical  
1:00 to 1:30 p.m.—Rotary Club luncheon.  
1:30 to 2:00 p.m.—"Doris & Clarence."

- 2:00 to 2:30 p.m.—Rialto Radio Co.  
7:00 to 8:00 p.m.—Texas Cowboys  
7:30 to 8:00 p.m.—Studio program  
10:00 to 11:00 p.m.—Capitol Theatre Organ  
11:00 to 12:00 Midnight—Pacific Coast Club

#### THURSDAY, SEPTEMBER 8

- 10:00 to 10:15 a.m.—Piano recital.  
12:00 to 12:30 p.m.—Studio Program.  
12:30 to 1:00 p.m.—Georgia O. George, "Doris and Clarence."  
1:00 to 2:00 p.m.—Capitol Theatre Organ  
2:00 to 2:30 p.m.—Health and Efficiency  
7:00 to 8:00 p.m.—"Aboard the Piggly Wiggly Special."  
9:00 to 10:00 p.m.—Long Beach Opera.  
10:00 to 11:00 p.m.—Breakers Hotel Orch  
11:00 to 12:00 Midnight—Majestic Ballroom

#### FRIDAY, SEPTEMBER 9

- 10:00 to 10:15 a.m.—"Shopping News."  
12:00 to 12:30 p.m.—Moore's Apparel Shop  
12:30 to 1:00 p.m.—Kay & Burbank musical  
1:00 to 1:30 p.m.—"Doris and Clarence."  
1:30 to 2:00 p.m.—Rich's Quality Bakery  
2:00 to 2:30 p.m.—Rialto Radio Co.  
7:00 to 7:30 p.m.—Church of Christ  
7:30 to 8:00 p.m.—Musical program.  
9:00 to 10:00 p.m.—Breakers Hotel Orch  
10:00 to 11:00 p.m.—Capitol Theatre Organ  
11:00 to 12:00 Midnight—Majestic Ballroom

#### SATURDAY, SEPTEMBER 10

- 9:30 to 10:30 a.m.—Studio program.  
10:30 to 11:30 a.m.—Capitol Theatre Organ  
12:00 to 12:30 p.m.—Studio program.  
12:30 to 1:30 p.m.—Musical program.  
1:30 to 2:30 p.m.—Pacific Coast Club  
7:00 to 8:00 p.m.—Markwell Salt Water Taffy Shop.  
9:00 to 10:00 p.m.—Breakers Hotel Orch  
10:00 to 11:00 p.m.—Cloverleaf Orchestra.  
11:00 to 12:00 Midnight—Pacific Coast Club

#### NOTE: SUNDAY

- 1st and 3rd Sunday of the Month  
11:00 to 12:30 p.m.—Church of Christ—  
2nd and 4th Sunday of the Month  
11:0 to 12:30 p.m.—2nd Church of Christ Scientist.

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ON DISPLAY  
*at*  
BOOTHS  
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The New Echophone 5-Tube  
\$151.25

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HALE BROTHERS AND THE CHRONICLE  
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MRS. FREDERICK CROWE, Program Director  
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"The Voice of San Francisco"

### DAILY EXCEPT SUNDAY—

- 6:45 to 9 a.m.—Health and Happiness Period.
- 10:30 to 10:45 a.m.—"Ye Towne Crier."
- 11:30 to 1:00 p.m.—Kane's Hawaiians
- 12:00 noon—Time signals.
- 12:50 to 1:00 p.m.—Stock and Fruit Reports, except Friday.
- 1:00 to 2 p.m.—Rudy Seiger's Concert Orchestra, except Friday.
- 2:30 p.m.—Play by play of ball game, except Monday.
- 4:30 to 5:30 p.m.—Palace Hotel concert orchestra
- 5:30 to 6:00 p.m.—Children's Hour, except Saturday.
- 6:00 to 6:30 p.m.—"Ye Towne Crier."
- 6:30 to 7:00 p.m.—States Restaurant orchestra
- 7:00 to 7:30 p.m.—Rudy Seiger's Concert Orchestra, except Friday and Saturday.
- 7:30 to 8:00 p.m.—DX period.

### WEEK COMMENCING SUNDAY, SEPTEMBER 4, 1927

#### SUNDAY, SEPTEMBER 4

- 2:45 to 4:30 p.m.—Play by play broadcast of baseball games from Recreation Park.
- 6:00 to 6:30 p.m.—States Restaurant orchestra, Waldemar Lind, director.
- 6:30 p.m.—Baseball scores.
- 6:35 to 8:35 p.m.—Palace Hotel concert orchestra, Cyrus Trobbs, director.
- 8:35 to 10:00 p.m.—Rudy Seiger's Fairmont Hotel concert orchestra.

#### MONDAY, SEPTEMBER 5

- 3:30 to 5:30 p.m.—Palace Hotel concert orchestra, Cyrus Trobbs, director.
- 8:00 to 9:00 p.m.—Program by National Broadcasting Company
- 9:00 to 10:00 p.m.—Program for Shell Company of California, KPO-KFI.
- 10:00 p.m. to midnight.—KPO's variety hour.

#### TUESDAY, SEPTEMBER 6

- 10:00 to 10:30 a.m.—Activity conducted by Anne Warner, domestic economist.
- 8:00 to 8:30 p.m.—Dan Casey's Fireside Hour.
- 8:30 to 9 p.m.—Organ recital
- 9:00 to 10 p.m.—National Broadcasting Company's program
- 10:00 to 11:00 p.m.—Palace Hotel rose room dance orchestra.

#### WEDNESDAY, SEPTEMBER 7

- 8:00 to 9:00 p.m.—Program by the Atwater Kent artists.
- 9:00 to 10:00 p.m.—National Broadcasting Company's program

#### THURSDAY, SEPTEMBER 8

- 10:00 to 10:30 a.m.—Activity conducted by Anne Warner, domestic economist, under the direct supervision of Hugh Barrett Dobbs.

- 8:00 to 9:00 p.m.—Caswell Hour, presenting "The Pagoda of Flowers," Woodford-Finden.

- 9:00 to 10:00 p.m.—National Broadcasting Company's program over Pacific Coast network. Musical Comedy Hour.
- 10:00 to 11:00 p.m.—Palace Hotel rose room dance orchestra, Gene James director.

#### FRIDAY, SEPTEMBER 9

- 10:45 a.m.—Ninon, fashion critic
- 12:45 p.m.—Commonwealth Luncheon at Palace Hotel.
- 1:30 to 2:00 p.m.—Rudy Seiger's Fairmont Hotel concert orchestra.
- 7:00 to 7:20 p.m.—Book review by Harold A. Small of The Chronicle.
- 7:20 to 7:30 p.m.—Sports of the air.
- 8:00 to 9:00 p.m.—Program for the California Petroleum Corporation.
- 9:00 to 10:00 p.m.—National Broadcasting Company's program
- 10:00 to 11:00 p.m.—States Restaurant orchestra, Waldemar Lind director.

#### SATURDAY, SEPTEMBER 10

- 10:00 to 10:30 a.m.—Activity conducted by Anne Warner, domestic economist, the direct supervision of Hugh Barrett Dobbs.
- 5:30 to 6:00 p.m.—Twilight hour.
- 6:30 to 7:30 p.m.—States Restaurant orchestra, Waldemar Lind, director.
- 8:00 to 9:00 p.m.—Program by National Broadcasting Company
- 9:00 to 11:00 p.m.—KPO dance orchestra.
- 11:00 to 12:00 p.m.—Palace Hotel rose room dance orchestra, Gene James, director.

# Standard Radio Co.

Telephone: WEStmore 1560

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11 years in the Radio business in Los Angeles. Call on us or phone for free advice in regard to modernizing your Radio set.

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ATWATER KENT CROSLY FEDERAL FADA  
ROLA AND WESTERN ELECTRIC SPEAKERS





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With a knowledge that all nationally known radio manufacturers will exhibit their latest products at the Los Angeles Show we can still say, without boasting, that Majestic is the "last word" in B Current Supply Units.

Select your new radio . . . then instruct your dealer to install it with a Majestic. We assure you that the constant, even flow of noiseless B power, direct from your light socket, will mean a constant enjoyment of your radio.



### THE NEW MAJESTIC TUBE

The New Majestic Super Power "B" Rectifying Tube, one of the developments that excited great comment among radio engineers and dealers at the recent Radio Show in Chicago, can now be secured from your dealer at the new price of \$4.50.

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Howard L. Milholland  
Announcer

## Oakland, California—780 Kc.

# KGO

5000 WATTS—384 METERS  
PACIFIC COAST STATION, GENERAL ELECTRIC CO.  
Phone Fruitvale 5980

### DAILY EXCEPT SUNDAY—

- 11:30 a. m. to 1:00 p. m.—Hotel Leamington Trio.  
12:30 to 7:00 p. m.—Stock and weather reports. Baseball scores, except Wednesday.  
4:00 to 5:00 p. m.—Hotel St. Francis Orchestra.  
6:00 to 6:55 p. m.—Bem's Little Symphony Orchestra, except Sat.

### WEEK COMMENCING SUNDAY, SEPTEMBER 4, 1927

#### SUNDAY, SEPTEMBER 4

- 11:00 a. m.—Calvary Presbyterian Church service, San Francisco; Rev. Ezra Allen Van Nuys, D.D., Pastor.  
4:00 p. m.—Vesper service, Grace Cathedral, San Francisco.  
6:30 to 7:30 p. m.—Concert by Stanislas Bem's Little Symphony Orchestra.  
7:30 p. m.—Weather and baseball.  
7:35 to 9:00 p. m.—Calvary Presbyterian Church service, San Francisco;  
9:00 to 10:00 p. m.—Bible drama, "Samson and Delilah," National Broadcasting Company.

#### MONDAY, SEPTEMBER 5

- 5:30 to 6:30 p. m.—Aunt Betty (Ruth Thompson) stories; KGO Kiddies' Klub.  
6:45 p. m.—"What's Happening in the World," John D. Barry.  
8:00 to 9:00 p. m.—Grand opera "Le Nozze di Figaro" (Mozart), National Broadcasting Company.  
9:00 to 9:20 p. m.—Joseph Henry Jackson: "Chats About New Books."

#### TUESDAY, SEPTEMBER 6

- 6:55 p. m.—News.  
8:00 to 9:00 p. m.—"The Pilgrims."  
9:00 to 10:00 p. m.—"Hits and Bits of the Arctic," National Broadcasting Company.  
10:00 to 10:30 p. m.—"HM" and "JP" entertain.  
10:30 to 11:00 p. m.—Surprise broadcast.

#### WEDNESDAY, SEPTEMBER 7

- 6:30 p. m.—Weather.  
6:33 p. m.—Baseball.  
6:35 to 7:30 p. m.—Farm program. Addresses.  
"Fall and Winter Problems of Poultrymen—Bringing Pullets Into Egg Laying," R. H. McDrew, Poultry Producers of Central California.  
"Outstanding Problems Confronting the Grape Growers," Donald D. Conn, Managing Director, California Vineyardists Association.

"Why a State Department of Agriculture?" Dr. Charles Keane, Associate Chief, Division of Animal Industry, S. D. A.

- 8:00 to 9:00 p. m.—Vaudeville.  
9:00 to 10:00 p. m.—Drama, "The Neighbors" (Gale), National Broadcasting Company.  
10:00 to 12:00 p. m.—Lynn Prior and his orchestra, Collegiate ballroom, Hotel Leamington, Oakland.

#### THURSDAY, SEPTEMBER 8

- 5:00 to 6:00 p. m.—George W. Ludlow, "Friends to Boys."  
6:55 p. m.—News.  
8:00 to 9:00 p. m.—Drama hour. Program by the KGO Players under the direction of Wilda Wilson Church.  
9:00 to 10:00 p. m.—Musical comedy hour, National Broadcasting Company.  
10:00 to 12:00 p. m.—Frank Ellis and his Hotel St. Francis dance orchestra.

#### FRIDAY, SEPTEMBER 9

- 11:10 a. m.—Prudence Penny, Homemaking talk.  
5:30 p. m.—Da-Ra-O, wise man from the Land-O-Health.  
6:45 to 6:55 p. m.—"Weekly Financial Review," by Fred Brandt.  
6:55 p. m.—News.  
8:00 to 9:00 p. m.—Western Artist Series concert.  
9:00 to 10:00 p. m.—"An Hour in Memory Lane," National Broadcasting Company.  
10:00 to 1:00 p. m.—Frank Ellis and his Hotel St. Francis Dance Orchestra.

#### SATURDAY, SEPTEMBER 10

- 6:00 to 7:00 p. m.—Majestic Ball Room Orchestra, Philip Sapiro, directing.  
7:15 to 7:30 p. m.—Weekly sport review, Al Santoro.  
8:00 to 9:00 p. m.—Saturday Night Review, National Broadcasting Company.  
9:00 to 10:00 p. m.—Studio program.  
10:00 to 11:00 p. m.—Wilt Gunzendorfer's Hotel Whitcomb Band, San Francisco.

# SEE—

The "RAEHRS 510" Circuit in Radio Doings' Technical Booth (183-4) at the Los Angeles Radio Show.

# HEAR—

San Diego booming in at mid-day on the "RAEHRS 510" at

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Set, Speaker and Six  
Tubes

**\$127.50**

This new Magnavox HIBOY contains all the advanced refinements which improved broadcasting methods make necessary. Single dial control, illuminated dial, can be operated from light socket (with A and B eliminators). Self shielding 6-tube circuit, highly selective, extremely sensitive, latest magnetic cone speaker, power tube and five 201A tubes—\$127.50. Made under exclusive Magnavox patents—compare it to any like combination selling up to \$175.00.

*Leading dealers are now demonstrating*

The Magnavox Co., Oakland, Calif.

**Loboy Model  
Power Speaker**



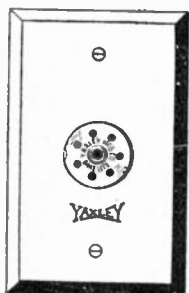
Electro-dynamic type with rectifier, power amplifier and B supply unit combined in beautiful walnut cabinet. Made under Magnavox patents—

**\$160.00**

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## Radio Convenience Outlets



No. 137

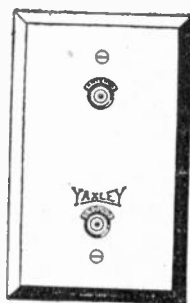
With the neat and efficient Yaxley Radio Convenience Outlets you can enjoy your favorite programs in any room in the house. Your batteries can be placed in the basement, closet or any out-of-the-way place and wires brought to set from Convenience Outlets with cable and plug that keeps together in a neat and attractive way. Plug cannot be inserted incorrectly—always a positive contact. Yaxley Radio Convenience Outlets are easily installed. These Radio Convenience Outlets fit any standard switch box.

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

### Gang Combinations

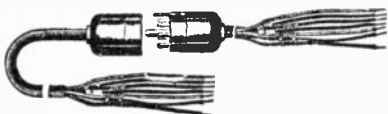
Are also furnished in gang combinations as follows:

- No. 235—For Loud Speaker Connections.....\$2.00  
 No. 238—For Loud Speaker, Aerial and Ground Connections ..... 2.00  
 No. 239—For Aerial, Ground and Battery Connections ..... 3.50  
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No. 136

### Cable Connector Plugs



Here is a convenience that simplifies battery wiring and eliminates the old-fashioned unsightly mass of wires about the set. The Bakelite construction is neat and handsome in appearance. Metal cable markers and color chart (RMA standard color code) on the connector plate sim-

plifies installation on any set. Phosphor bronze double contact springs are mounted in Bakelite and cannot work loose. Instant and correct battery connection at all times. Extra fine quality, seven-strand (RMA standard colors) five-foot cable. Six extra markers packed with each plug.

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## Henger-Seltzer Co.

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# YAXLEY

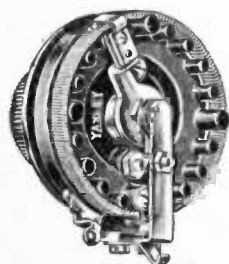
APPROVED RADIO PRODUCTS

## Automatic Power Control



See this great radio convenience at our booth. It automatically does all the extra switching for you. Cuts in the "B" eliminator, cutting out the trickle charger when the set is turned on. The "B" eliminator is cut out and the trickle charger cut in again when the set is turned off. Easily attached. Makes your receiver a power operated set. Thoroughly dependable.

No. 444—Series Type Automatic Power Control. Now furnished with new construction, exclusively Yaxley, that keeps the voltage drop less than two-tenths (2-10) volts when used with sets having a current draw equivalent to four 199 type of tubes up to eleven 201 type of tubes. . . . . \$5.00



### Air-Cooled Rheostat

The air-cooled Rheostat has its filament suspended to permit ventilation. Smooth, quiet action, with extremely close adjustment, doing away entirely with a vernier attachment. Bakelite base.

Air-Cooled Rheostat—from 2 to 100 ohms. . . . . \$1.35

### Switching Rheostat

The new Switching Rheostat controls the switching of the filament with the rheostat, thus doing away with an extra switch; otherwise it is the same as the standard Air-Cooled Rheostat.

Switching Rheostat—from 2 to 100 ohms. . . . . \$1.75

*Direct Representatives*

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LOS ANGELES

377 Brannan Street  
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# Aero Coils!!

*The Most Complete Line of High Grade  
Coils and Kits on the Market*



**IMPROVED UNIVERSAL COILS**, adaptable to any tube, including the new A. C. Tube.



**SHORT WAVE KITS**—the most efficient made.



**SHORT WAVE TRANSMITTER**—used by pilots in some of the recent flights.

*Complete stocks for the jobber at*

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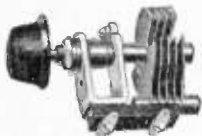
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**Hammarlund**  
PRECISION  
PRODUCTS



Famous "Midline"  
Condensers



An Illuminated Drum Dial worthy of the  
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New Improved  
Midget Condenser



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**Hammarlund**  
ROBERTS  
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*No ordinary standard of performance can be applied to it*

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## Heinemann Electric Company

Est. 1888

### SENSORY RADIO PRODUCTS



#### Screw-eye and Stand-off Insulators



Cat. No.  
3093

These devices have a multiplicity of uses wherever a set is installed. Number 3093 is made with a 2-in. or 6-in. galvanized shank. Number 3022 being of crystal clear glass, is very attractive, especially for inside work.



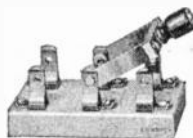
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Lead-in  
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#### Battery Switches

From the simple Single Pole, Single Throw, to the Two and Three Pole combination, for charging purposes.



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Cat. No.  
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AERIAL KITS  
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# Burns B-Power

*For Dependable  
Operation with  
All Radio Sets*

No hum—No acid—No voltage drop even under the heaviest load.

Handles all sets, including those having the 171 power tube in the last stage. This eliminator delivers 180 volts at 50 mils. with ample reserve power.

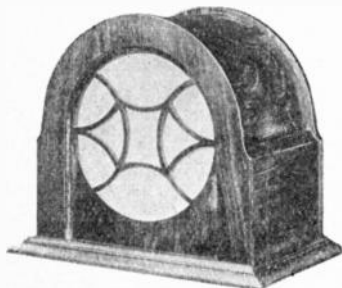
Equipped with B. H. 85 Mil. Raytheon tube—the most efficient rectifier made by the Raytheon Mfg. Co.



**Price \$47.50**

Price slightly higher west of the Rockies  
This eliminator is furnished in either  
a Walnut or Black Satin Finish  
Type No. 800 delivery 180 volts at 35  
mils, list price \$35.00

## Burns Cabinet Speaker Cone Equipped



**Price \$19.50**

Prices slightly higher West of the Rockies

This beautiful new cabinet speaker is so sensitive it covers the entire range of musical tones of the nearest as well as of the most distant and elusive station. Even with the Radio Set turned down, the tones are distinct and clearly audible.

This cabinet is furnished in a dark Walnut finish.

Manufactured by  
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State and 64th Streets  
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California Factory Representative  
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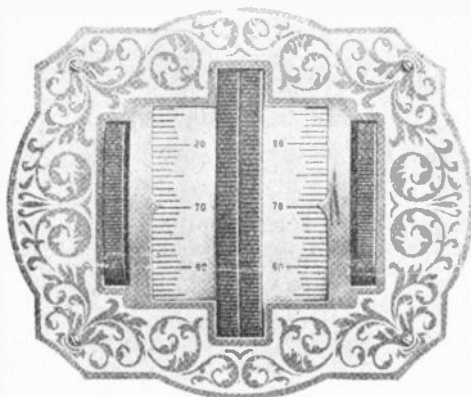
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California

# TYRMAN

## Laboratory Tested Products

For  
Single  
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Tuning  
Systems  
\$5.00

*Beauty*

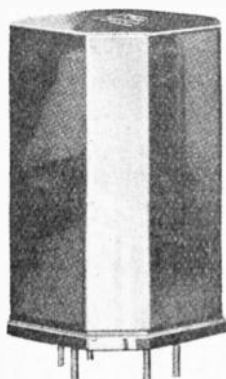


For  
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\$10.00

*Accuracy*

### TYRMAN VERNIER DRUM

The Tyrman vernier drum is the only drum combination for direct and vernier tuning. The high quality of this device, with its beauty of appearance, has found immediate endorsement of the entire set-building public. It combines all requirements of an ideal tuning element.



Tyrman  
Audio Transformers

Tyrman transformers are the product of a laboratory known the world over as designers of audio and radio frequency units. From the deepest base of the organ up to the highest notes of the oboe, Tyrman transformers will assure uniform amplification. They are the only faithful interpreters of tone. The new Tyrman radio frequency transformers (radio frequency and long wave units) are also available.

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This is THE circuit of the 1927-28 radio season. Do not fail to read the September issue of "Citizen's Radio Call Book" and October issue of "Radio" for complete building instructions.

See

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**HENGER-SELTZER CO.**

California Factory Representatives  
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*Simply Turn the Switch on Your Set to  
Control All "A" & "B" Requirements*

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## *New* **Exide** **AB Socket Power Unit**

*Entirely Automatic — Absolutely Foolproof*

"B" Battery completely eliminated. Replaced with output capacity in the order of 40 mills at 180 volts. "A" Battery combined with a dry charger, requiring no tubes or electrolyte, with nominal output of 1.4 amperes. Battery enclosed in glass jar container, with pilot balls on middle cell. Both "A" and "B" circuits controlled entirely from set switch by use of fully-automatic, self-contained, relay master control—a strictly Exide development. Weston Ammeter mounted on Bakelite panel, shows charging rate at a glance.

Exhibited in Booths 33-34 at the Radio Show by the  
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**Ask Your Exide or Radio Dealer**

*The wholesale and retail trade are urged to obtain full details of this  
remarkable Exide development from the—*

**KAY MOTOR SUPPLY CO., 341 W. 18th St., Los Angeles**  
**Or at Booths 33-34 at the Radio Show**

TO ASSURE  
**QUICK  
 DELIVERY**  
 ON NEW  
**RADIOLAS**

Nos. 16, 17, 30-A & 32



RADIOLA 30-A

PLACE YOUR  
 ORDER WITH

**WOLFE  
 RADIO CO.**

543 South Western  
 Los Angeles  
 Phone WASH. 5711

*"We Insist That You Be  
 Satisfied"*

**Federal-Brandes  
 Takes RCA License**

Federal-Brandes, Inc., of 200 Mt. Pleasant Ave., Newark, N. J., makers of Kolster Radio, announce that an agreement has been reached with the Radio Corporation of America and its associated companies under which Federal-Brandes, Inc., is licensed to manufacture under patents held by the Radio Corporation group.

The component companies of Federal-Brandes, Inc., have been prominent factors in the radio industry for many years. They are the Federal Telegraph Co. of California and the Brandes Corporations of the United States, Canada and England, who are two of the oldest radio establishments in the world. The Federal Telegraph Co. was founded in 1911 and is the only company in the world successfully operating a commercial point-to-point land radio system, which it conducts along the Pacific Coast. It introduced continuous wave transmission into this country through the Poulsen Arc, which it controls in the United States, and it has developed an extensive marine radio service.

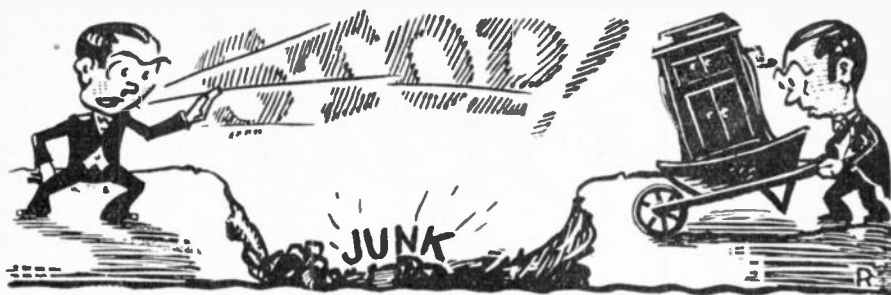
Brandes Products Corporation with its affiliated companies has been a leader in radio acoustics since 1908. It originated the "matched tone" feature in headsets and developed the first commercial acoustical housed cone-type speaker. The use of patents involved in the license agreement with the Radio Corporation group will enable Federal-Brandes, Inc. to manufacture Kolster Radio on even terms with the other leaders of the industry.

**FOR SALE—**

Kennedy Type 110 Universal Regenerative Receiver. Wave-length range 250 to 25,000 meters. In original carton. Original price \$285. Will sacrifice.

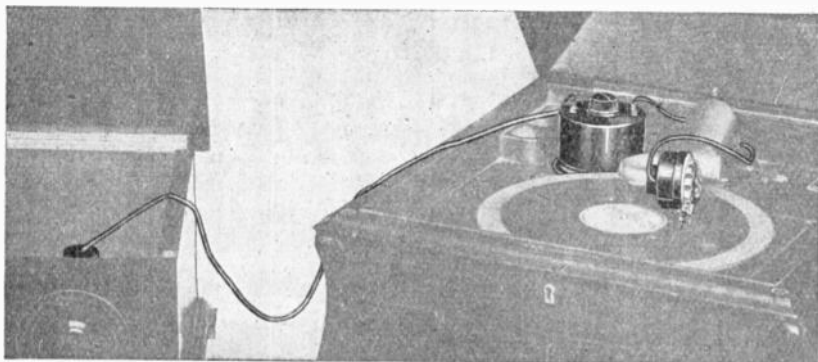
**Box H**

**Radio Doings**



# DON'T DISCARD YOUR OLD PHONOGRAPH **ELEC-TRU-TONE** THE PHONOGRAPH MODERNIZER

will convert it into one of the marvelous new type electric reproducing machines, rivaling those costing from \$350 to \$1,000.



The Plug - The Volume Control - The Elec-Tru-Tone Pick-up

Whenever you desire the marvelous phonograph music, merely slip the plug in the detector socket of your radio set. The Elec-Tru-Tone "Pick-up" Reproducer replaces the old sound box on the tone arm of your phonograph.

## Only \$19.50

*For Sale by Reliable Radio Dealers Everywhere*

C. C. LAWTON CO.  
1125 Wall St.  
Los Angeles

JOBBERS

HERBERT H. HORN  
1629 S. Hill St.  
Los Angeles

## THE ELEC-TRU-TONE CORP.

The Originators of Electric Pick-ups that Utilize the Radio Set.  
Hibernian Building      LOS ANGELES      Phone MU 8153

# GOOD

This \$500 first prize was won in Chicago in a contest widely advertised as open to every set builder in the world, professional or amateur.



## THE LAST WO

The Sheldon 10 Tube (Large), Batteryless

Six tuned stages in a single gang, working efficiently on from 20 meters up into the tens of thousands.

Sheldon also manufactures the well-known

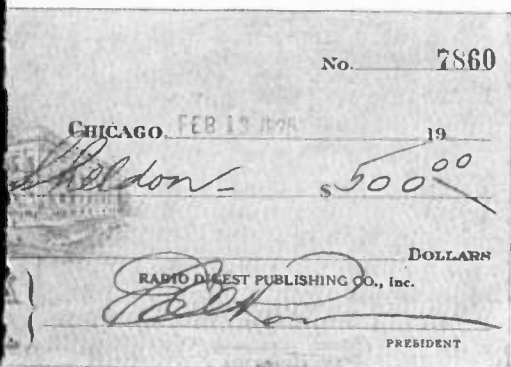
See the Sheldon

# SHELDON

1519 Georgia

WEstmore

# EVIDENCE



## *Radio Digest Says*

"The Sheldon receiver contains more units which tend to advance the radio art than any of the other sets."

## RD IN RADIO

All-Wave, One Dial, Compact Receiver

2-in-1 Aeroground, which is the combination of an efficient underground antenna and highly developed permanent chemical ground.

Priced at only nine dollars.

Set at Booth 183

# RADIO CO.

3615

Los Angeles





## Radio Public:

—Do you realize the advantages of battery operation?

—Do you know that distance, tone quality and selectivity are best obtained through the use of batteries?

## Radio Dealers:

—Are you properly acquainted with the above facts?

—If not, why not?

—And do you appreciate the value of a local product, especially designed to meet Pacific Coast climatic conditions?

*For a Pleasant Surprise, Get Our Prices on*

## Blue Diamond BATTERIES

Made by

**WESTERN ELECTRIC  
NOVELTY CO.**

1258 E. 6th St., Los Angeles  
Faber 4835

## SPECIAL



**\$13.95**

Reg. \$20.00

This beautiful Mahogany Console is adjustable to accommodate any radio set size 7x12 to 7x21 panel. Ample space for batteries or eliminator and speaker.

**Outside Dimensions:**

37 in. high, 26 in. long, 15 in. deep

**WE CARRY A FULL LINE  
OF CABINETS, RADIO TA-  
BLES AND CONSOLES TO  
FIT ANY SIZE SET; ALSO  
RADIO ACCESSORIES.**

*Buy Your Cabinets Direct from  
Factory Outlet Store*

Mail Orders Given Prompt Attention

**RADIO CABINET  
DISTRIBUTING CO.**

956 South Broadway  
Tel. TU. 1038

Open Daily Till 6:30 P. M.  
Saturdays, 9:30 P. M.

**"Pemcoized" Reception Means Faithful Reproduction!**

**Your set needs a**

**Pemco**



*Automatic*  
**"A" and "B"**  
**Power Unit**

**You Bid "Battery Bothers" Farewell—  
When You Install a Pemco!**

EXPERTS have acclaimed the PEMCO "A" and "B" SOCKET POWER UNIT the last word in a power unit to electrify any radio set—home-made or manufactured—from three to ten tubes.

**THE PEMCO IS AUTOMATIC!**

You do not have to watch and regulate the PEMCO. It is adjusted once and for all at the factory. Once installed, you can forget it. Then you have a modern radio, with a source of power as dependable as your electric light current—and no further expense.

*Easy terms*

**—and free installation!**

Your dealer will arrange convenient terms. A small down payment installs a PEMCO. No matter where you live, your dealer will deliver and connect up your PEMCO—ABSOLUTELY FREE OF CHARGE.

*Manufactured by*

**Precision Electric Mfg. Co.**  
1020 Santa Fe Avenue  
Los Angeles

See the 1928 Model Pemco  
At the Radio Show  
At Booths of  
RAY THOMAS, INC.  
Booth Nos. 99, 100, 101 and 102  
PACIFIC WHOLESALE, INC.  
Booth Nos. 123, 124, 125 and 126  
PRECISION ELEC. MFG. CO.  
(PEMCO)  
Booth Nos. 121 and 122

All good music and radio stores sell the PEMCO. Ask to hear  
PEMCOIZED Reception.

**INSIST ON HAVING A PEMCO!**

# ELECTRIFY YOUR SET!

WITH THE

# Pemco



*Automatic*

"A" and "B"

## Power Unit

**\$7<sup>50</sup>**

DOWN

**\$6<sup>00</sup>**

MONTH

**INSTALLATION FREE**

Simply plug PEMCO into your ELECTRIC LIGHT SOCKET and forget all about A and B power! There are NO switches to be turned on and off on a PEMCO—it is entirely automatic. No re-wiring of your set required.

**LIBERAL ALLOWANCE ON YOUR OLD  
STORAGE BATTERY**

**PHONE OR CALL AT ONCE FOR FULL DETAILS**

## J. C. RENDLER

**"RADIO SUPPLIES"**

**625 S. Main St., L. A.**

**OPPOSITE  
P. E. DEPOT**

**TRinity 4281**

# Confidence Personality Radio

*What's it all about? Let's decipher!*

**C**onfidence in the advertiser is won by the assurance of investigation as to quality of goods or service advertised.

**P**ersonal recommendation of the investigator or consumer is acknowledged the most forceful advertising.

**R**adio advertising on C. P. R. hours is nationally known. Dealers accept it as a reliable service and a dependable shopping guide. Advertisers are gratified with results.

## A Partial List:

Piggly Wiggly Stores  
Listenwaller & Gough  
Ward Heater Co.  
The May Company  
Parmelee-Dohrmann Co.  
Young's Markets  
Broadway Department Store  
O. U. Dust Company  
Hollywood Cleaning & Pressing Co.  
Sealy Mattress Company  
Nu-Way Laundry  
Puritas Water Co.  
Safeway Stores  
Swim-Easy Bathing Suit Co.  
Coleman Camp Stove Co.  
Georgia O. George  
Gray Motor Co.  
Kittle Camp Bed Co.  
Los Angeles Sterilizing Co.  
Dan Parker

Angelus Bldg. Loan Assn.  
Huntly A. Gordon Silk  
Hosiery Mills  
Morton's Salt  
Cubbison's Bakery  
Arden Dairy  
Polly-Van Shops  
Eastern Outfitting Co.  
Dr. Reed's Cushion Shoe Co.  
A. C. Braden Cannery  
Premiere Catering Co.  
WHY Sales Co.  
Art Plating Works  
C. & G. Electric & Radio Company  
In-a-Wall Safe Co.  
Grandma's Pie Crust Co.  
Cactus Mfg. Co.  
and many others

Kathleen Clifford's Flower Shops  
Copeland Sales  
Peerless Platers  
Peterson's Gray Shop  
Star Furniture Co.  
3-S Hardware Stores Co.  
Pasadena Furniture Co.  
El Patio Auto Laundry  
Tecco Ice Cream Co.  
Beverly LaBrea Market and Vineyard Market  
K. I. P.  
Freckle-Off Co.  
Jell X-Cell  
Rogers Stationery Co.  
Calvo Mfg. Co.  
Roos Permanent Wave Shop  
Feagans & Company  
The Reo Motor Car Co.  
St. Regis Hotel

The rates for time on C.P.R.'s advertising hours are most reasonable and will be submitted on request.



Carey Preston Rittmeister is a pioneer in the field of radio, first as assistant manager and arranger of programs at KHJ, then as program manager and accompanist at KNX, bringing her name before the public in the first days of radio broadcast, winning her hosts of friends throughout the West.

I solicit the handling and placing of your radio advertising.

**Carey Preson Rittmeister**

1254 WEST SIXTH STREET LOS ANGELES  
TELEPHONE WASHINGTON 1271

*See the New  
Super "B"  
At the Show*



*Sold by  
Better Stores  
Everywhere*

*For Clearer, Better Radio  
Reception, Use*

# BURGESS BATTERIES

Ask the most experienced operator, the critical set owner or any radio engineer—they'll all agree that RADIO IS BETTER WITH BATTERY POWER.

*Burgess "A's," "B's," "C's" Universally Recognized*  
Types and Sizes to Fit Every Radio Need

## **The New Super "B"**

Everything its name implies—larger capacity—longer life—absolute uniformity—superior insulation—improved mix—less voltage drop and greater recuperation than any other battery.

Ask your Dealer for No. 21308 Burgess Super "B"

**BURGESS BATTERY COMPANY**  
**GENERAL SALES OFFICE: CHICAGO**



**\$12.50**  
Complete



## Rivals the wonderful tone quality of the Electric Phonograph

### Dealers!

Look into this fastest selling radio-phonograph accessory! Better and more convincing loud speaker demonstrations can be made with the Phonovox. Let us tell you how.



USE YOUR RADIO to electrify your phonograph! Connect the Pacent Phonovox to your radio set and phonograph and you will experience a revelation in phonograph reproduction.

Your favorite records will have a new enjoyment by the wonderful tone quality of reproduction—bringing out the delicate overtones and both the high violin and the low bass viol notes now lost on ordinary reproduction.

Easily attached in three minutes without tools or making any change in the wiring of the radio.

Dealers everywhere handle the Phonovox and will gladly demonstrate it on your favorite record

J. P. HERMANS

585 Mission Street San Francisco

MARSHANK SALES CO.

224 East 16th Street Los Angeles

Manufactured by

PACENT RADIO CORPORATION

Makers of the famous Pacent Cone

# EXPERIENCE CONVINCES



I have been interested in Radio since Marconi flashed his first signals in 1899. During the last six years I have experimented with countless sets, and have tested for eight jobbers. As a result of this experience I have selected certain receivers as being, in my opinion, the best in their class, as follows:

**Five-Tube—Bosch Cruiser—(Booth 95)**

**Six-Tube—Bremer-Tully Power Six—(Booths 11, 107)**

**Seven-Tube—Bremer-Tully Counterphase 8—(Booths 11, 107)**

**All-Electric—Steinite Six—(Booth 148)**

*I guarantee that each of these sets will out-perform any other commercial set of its size.*

**H. A. EVEREST**

**1032 N. Ogden Drive, Hollywood**

Nightly Demonstrations

**G.Ranite 9915**

Nightly Demonstrations

## OUR POLICY

TO CONDUCT OUR BUSINESS IN  
STRICT HONESTY AND FAIRNESS

TO ALWAYS DEAL JUSTLY WITH  
OUR CUSTOMERS, OUR COM-  
PETITORS AND OUR EMPLOYEES

TO BE CONSTANTLY AHEAD OF  
THE TIMES AND TO CONSIS-  
TENTLY BUILD OUR PRODUCTS  
OF A HIGH QUALITY

TO HAVE EVER BEFORE US A  
HIGH IDEAL OF SERVICE

S. P. DURKEE  
T. A. THOMAS

# "G W"

(Great Western)

## RADIO BATTERIES

Have built us a million-  
dollar business in eight  
years. There are good  
reasons.

DEALERS:  
Get Our Prices

**DURKEE-THOMAS  
PRODUCTS CO.**

Factories in:

SEATTLE PORTLAND  
SAN FRANCISCO OAKLAND  
LOS ANGELES

# Silver **A** Beauty POWER

*For Your Present Set or the  
Set you eventually buy*



Our 4-volt "A" Eliminator  
Fits Into All Radiola Consoles

\$ 39<sup>50</sup>

6-volt—2 amp.

\$ 43<sup>50</sup>

6-volt—3 amp.

\$ 39<sup>50</sup>

4-volt— $\frac{1}{2}$ -amp.  
\$2 Higher  
West of Rockies

## Finally—the Perfect "A" Eliminator

*Perfect, because its principle is simple and correct!*

THE 110 volts Alternating Current is scientifically reduced with the famous "Silver Beauty" transformer coil to deliver the proper voltage to an *especially developed* dry, noiseless rectifier, which transforms the electricity to direct current. This current of exact voltage, is then transmitted through a patented special filter which clarifies the current, eliminating all foreign noises caused by rectifier or generator.

The result! A smooth, noiseless, constant "A" current supply, that makes radio reception the pleasure it is intended to be.

"Silver Beauty" is the outstanding "A" eliminator today. Nothing equals it. Endorsed by prominent radio engineers—adopted by leading distributors and dealers—approved by thousands of users. These are sufficient reasons for making "Silver Beauty" your final choice.

### Silver **A** Beauty POWER

Replaces "A" storage battery and charger.

Has full wave "dry" rectification.

Maintains required voltage in uniform, constant flow.

Operates automatically by moving a switch.

Economical—uses minimum amount of current [about 1-10 cost of using electric iron].

Has rheostat control for additional refinement in voltage and reception.

Gives maximum power to radio tubes and lengthens their life.

No acids to test or spill.

*Satisfactory Results  
Guaranteed*

## Silver Beauty

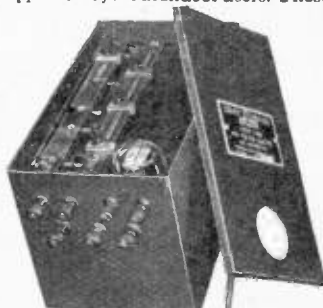
### "B-C" UNIT

*Does away with "B"  
and "C" batteries*

Embodies every up-to-date refinement and principle, insuring smooth, unflinching reception. As beautiful as it is efficient.

### Silver Beauty CHARGERS

Employing an entirely new method of rectification. Two models—with or without bulbs.



180 Volts—40  
Milliamperes \$45<sup>00</sup>

Individual adjustment  
adapted to all sets



## Triple-A-Company

Manufacturers of the famous Silver Beauty Chargers

312-316 SOUTH HAMILTON AVE.

Chicago, Illinois



## New Pemco Power Units

The Precision Electric Manufacturing Company of Los Angeles is responsible for a highly efficient development of the electrolytic type of rectification as employed in B battery elimination. Their Pemco units have in the past met with wide-spread popularity and a great many thousand of them are in use.

The new models for the 1927-28 season incorporate several technical refinements, and a more compact and attractive cabinet. The Model S is equipped with a 47 ampere-hour storage battery, charged by a dissimilar-metal type of rectifier. The charging rate is from .7 to .8 ampere. The entire operation of the unit is controlled automatically by a Yaxley relay switch. The battery is on charge at the trickle rate at all times when the radio set is not in use.

The Model GG also employs the 47 ampere-hour battery, but a heavier charging unit which has an output of 3 amperes. A relay switch operating on both the voltage and thermostatic principles automatically disconnects the battery from the charger when it is fully charged. This is the most satisfactory method of taking care of multi-tube sets with heavy current consumption. The relay switch which incorporates this new and vital feature has been thor-

oughly tested and is entirely satisfactory.

The B supply of the Pemco units is the outstanding feature, because it differs quite radically from the usual socket power units on the market. The power transformer is of low capacity between windings, in order that the transfer or radio frequency from lighting circuits to the radio set may be minimized, thereby reducing the broadening effect often experienced. The rectifiers consist of four electrolytic cells, of low and equal resistance. The condensers, two in number, are also of the electrolytic and self-healing type. Their capacity is sufficiently great to store a surplus of energy to supply the heavy drains of plate current required by loud, deep or sustained musical notes. This permits excellent tonal quality, particularly of the bass notes. The output characteristic is comparatively flat, the no-load voltage not rising greatly above the full-load voltage, thus reducing the danger of breaking down by-pass condensers within the set. The voltage variation under varying load is less than usually experienced in the average eliminator.

Terminal posts and adjustment control are inside with holes through the case for the leads. The unit is more compact than last year, and the general design of the case presents a more attractive appearance.

## OUTSIDE AERIALS Installed, \$5 Up

Call DELaware 5421, DX Aerial Service

# On the *RADIOLA* 25

Some stations are received at 3 or 4 dial settings. Our filter system eliminates these superfluous harmonics, increases selectivity, increases sensitivity and brings your 25 up to the same standard of performance as the Radiola 28.

We can also make any RCA Super-Heterodyne include in its tuning range the stations between 200 and 230 meters, at nominal cost. Not by an attachment, but by a fundamentally sound improvement in the circuit.

OUR ELECTRO-MAGNETIC REPRODUCING SYSTEM CAN BE INSTALLED IN YOUR OLD PHONOGRAPH. ASK ABOUT IT.

## LABORATORY OF RADIO STANDARDS

2408 W. Vernon

E. K. HAYES  
VERmont 6543

Los Angeles, Calif.



GET YOUR

**PHILCO**

WHERE YOU GET SERVICE

Purchase one today on easy terms from one of the oldest dealers who specializes in Philco.

You would not go to a tailor for your shoes, so

**Call WEStmore 9065**

for

**FREE DEMONSTRATION**

**On Your Own Radio Set**

**Prove These Benefits**

... clearer, sharper reception. No Hum—No distortion. One switch controls everything. Operates from your electric light current. Eliminates all battery troubles and bothersome recharging.

Installed FREE. Satisfaction GUARANTEED



**J. M. ANDREWS CO.**

**PHILCO SALES & SERVICE**

**1514 South Hope St. Phone WEStmore 9065**

**MAIL  
THIS  
COUPON  
or Phone  
WE. 9065**

for FREE DEMONSTRATION in your home. It places you under no obligation.

Name
Address
Make of Radio Set

*Other Products We Handle:*

Arborphone Radio Sets.....Automobile Storage Batteries . . . Ray-O-Vac Dry Batteries . . . CeCo Tubes

Repair all makes of Storage Batteries, Starters and Generators

*After September 15th we will be located opposite Olympic Auditorium, 1818 South Grand Ave.*



## Temple Speaker Heard at Long Range

Those who are interested in radio amplification and sound reproduction and the application of same to a loud speaker will realize the advancement that has been made by electrical engineers and professors of acoustical science in the radio field when they have heard the giant speaker, manufactured by Temple, Inc., which was recently demonstrated in Chicago.

This giant speaker weighs 180 pounds, has an air column of ten feet, a bell of three feet, and an especially constructed unit.

Recently Temple, Inc. conducted one of the most rigid tests ever given a loud speaker for clearness of tone, volume and general all-around performance. One of the Temple giant speakers was taken from stock and placed on the Lake Shore in front of the Sheridan Shore Yacht Club in Chicago. Some fifteen men, including publishers, radio engineers and others in the trade, were taken by Mr. Henry Crowell out

on the Lake on his cruiser Perry Kay II, a total distance of six miles.

A system of signalling with searchlights from the shore and from the boat was used with regular standard code. The signals were "play orchestra," "play vocal," "soft," "very loud," and "use 13-inch drum as a microphone and talk through the giant horn." The boat stopped at intervals of one-half mile, one mile, two miles, three miles, four miles, five miles and six miles. In each case, all present on the boat kept a score as to what they received and, in every case, each man was able to recognize the number broadcast and distinctly heard the announcer. Only the lateness of the hour made it necessary to stop the test without extending same to a greater distance.

The Reiman Wholesale Electric Company, 218 E. 3rd Street, Los Angeles, have been appointed distributors for Southern California for the Bremer-Tully Sets.

## RADIOLA

SALES & SERVICE — AXridge 7106  
4713 South Broadway—Open Nights

FOUR BLUE-PRINTS FOR BUILDING THE "RAEHRS 510"—\$1.00  
J. E. Mead, 1715 W. 10th St., or 721 S. Main St., Los Angeles.

# Laboratory of Radio Standards

*The Precision Equipment of This Laboratory Consists of:*

General Radio Capacity Bridge	Weston D.C. Volt Meters
General Radio Capacity Standards	Weston D.C. Milliammeters
General Radio Inductance Standards	Weston A.C. Ammeters
General Radio Audio Oscillator	Weston A.C. Volt Meters
General Radio Audibility Meters	Weston A.C. Galvanometers
General Radio Precision Wave Meter	Weston D.C. Galvanometers
Vacuum Tube Volt Meters	Weston Radio Set Tester
Radio Frequency Oscillators	Professional Model Receivers
Weston 1000 Volt Meter with resistance of 1000 ohms per volt	

*In other words, we can render prompt, precise service*

2408 W. Vernon Ave., L. A. E. K. HAYES Phone VE. 6543

## The New Two Dial Karas Equamatic

A very unusual development in the radio industry has come from the Karas Electric Company in their new Two Dial Equamatic.

This extremely sensitive super-selective circuit is founded on the new conception of an old idea.

Way back in the early days of radio, we had variable inductances of varying descriptions. And, while they played an important part in the circuit, they have since been eliminated along with a sacrifice of efficiency, because of the trend toward fewer controls.

Most receiving sets of today, due to the fixed coupling between the primary and secondary of the radio frequency coils are of necessity designed so as to prevent oscillation at the lower wave lengths where the tendency for oscillation is greatest. The means employed for suppressing these oscillations are loser methods in one form or another.

It is very often necessary in this type of receiver to provide a very small primary in order that the tendency to oscillate will be less. However, this makes a very inefficient receiver at the higher wave lengths, for the tubes are far below an oscillating condition.

Now, it is obvious that to maintain the tubes in a receiving set at their peak of maximum efficiency which is just below the point of oscillation it becomes necessary to provide a continuous maximum and equal transfer of energy between the primary and secondary inductances at all times and all wave length settings.

The difficulty in accomplishing the result sought was complicated by the fact that the impedance of the inductance coil varies with frequency. Therefore, the amount of energy transferred from the primary to the secondary varies with the impedance. This requires a much greater inductance or a greater number of turns in a primary coil to tune a 550 meter station than is required to tune a 200 meter station.

If we could find some means that would give us the equivalent of the correct number of turns of primary at 200 meters and an ever increasing amount up to the correct number of turns necessary to operate the tubes just under the

point of oscillation at 550 meters, then we would have the problem solved.

This is just what the Karas Equamatic System does. It provides a mechanical means for varying the primary coupling so as to give an equal transfer of energy over the entire wave band.

A system of this kind on a five tube tuned radio frequency set would necessitate six controls. The Karas Equamatic has provided just a system with only two controls. By reason of the fact that the energy transfer varies with frequency, and this receiver utilizes the straight frequency line condenser, it is possible to combine the variable inductances and the condensers into one unit so that the variable coupling is controlled automatically by the tuning of the condenser dials.

But this receiver has gone one step farther by reason of precision design throughout its apparatus and has coupled two of the condensers into one control. By reason of the unique features and the use of nothing but the highest quality apparatus possible, this receiver has not only extreme selectivity but perfect tone quality also.

## NO MONEY DOWN

(1 Year to Pay)

## LESTER PORTABLE

6 Tubes with Power Tube

Best Material Used



**\$89.50 Complete**

**LESTER RADIO**

335 So. Hill

MUtual 0871

**ZENITH** LONG DISTANCE RADIO AGENCY.  
F. CLAY McCONNELL, 1241 Vine, L. A.—HEmpstead 2504

## MORE POWERFUL STATIONS SEEN

There is every indication that the Federal Radio Commission is definitely committed to increased power. This is shown by the fact that WGY at Schenectady has recently been permitted to step its power up to 100 kilowatts and WEAJ in New York to 50 kilowatts. And so the experiment of increasing the power of many other stations is likely to be tried out, although, of course, the increase will be relative and not to nearly so great power as WGY and WEAJ.

Better service to those portions of the country not now so well served is given as the principal reason for the power increase. Radio Commission officials have expressed themselves as elated at the way higher power is breaking through static. For instance, WGY at Schenectady, on 100 kilowatts is now said to be coming into Chicago like local.

Although no announcement has been made on the subject, it is said that Judge E. O. Sykes, vice chairman of the commission, and representing the South, will advocate higher power among Southern stations upon his forthcoming visit to that region.

The South generally is said, because of atmospheric conditions, to be poorly served in large areas. It will be the argument of Judge Sykes, it is said, that it has been found that high power causes no more interference than low power and is about the only weapon thus far found with which to combat static. The report is that the Judge will urge Southern broadcasters to install up-to-date apparatus and "go to

Further indicating the frame of mind the commission is in at present with regard to higher power, is a statement credited to Commissioner H. A. Bellows that stations using 30,000 watts, 50,000 watts or 100,000 watts were not likely to cause a greater amount of interference than broadcasters using 5000 watts.

For Your "B" Battery Eliminator,  
Ask Your Dealer for Guaranteed

**Q R S**  
Trade Mark  
Registered

### Gaseous Rectifier Tubes



*Are Better*

60 Milliampères

**\$4<sup>50</sup>**

85 Milliampères

**\$4<sup>50</sup>**

400 Milliampères

With Ionizer  
300 Volts  
for A, B and C  
Eliminators with  
Charts and Diagrams

**\$7<sup>00</sup>**

Manufactured by

**The Q · R · S Company**  
MUSIC  
CHICAGO

Established 1900. References: Dun, Bradstreet  
or any bank anywhere

## There's Music In the Air



And this new Model 520 Stewart-Warner, six-tube, single-dial console, with the S-W Organ Voiced Reproducer promises to bring it out and into the homes of thousands of people who, seeing the new Stewart-Warner Matched Unit Radio line at the Radio Show Beautiful, will be easy to sell on the merits of the new models. There's a reason for Stewart-Warner popularity in knowledge of the fact that more than sixteen million people now use Stewart-Warner products. The girl pictured is Lina Cousins, well-known movie actress.



## Browning Here

Glen Browning of Browning-Drake circuit fame will be in Los Angeles for the Radio Show Beautiful. He will be in the Browning-Drake booth at the show and will answer all questions and be of every possible assistance to the fans.



"KRISS-KROSS 365 keen, cool shaves a year from the same blade! That's what KRISS-KROSS is doing for American shavers. Stropps like a master barber. Gives keenest edge steel can take. To introduce KRISS-KROSS, I give you FREE marvelous new 3-way razor. See this magic razor and the famous KRISS-KROSS stropper today—without obligation. Drop me a postal or telephone for a free demonstration today!"

**ROSE & CHAPMAN**

Southern California Distributor

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VAndike 8316

Los Angeles, Calif.

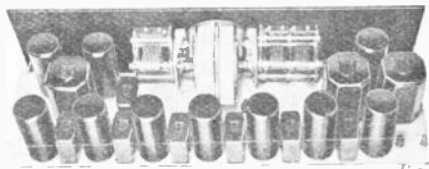
*Agents Wanted*

## The Tyrman Ten

This new receiver, which was one of the features of the Radio Show in Chicago, is now ready for the set-building fans. It is exhibited in the display of the Henger-Seltzer Company, California Tyrman representatives.

Engineers of the Tyrman Electric Corporation have proven that it was possible to design a receiver of many exclusive features, combined with beauty of appearance not obtained heretofore in assembled sets.

Reports about the performance have been more than satisfactory. The feature of a super-heterodyne circuit with only one beat note, and absence of harmonics, is combined with an extraordinary tone performance. The push-



pull amplification of the second audio stage is greatly responsible for the full amplification of base notes, and the sharp cut of frequencies over 5,000 cycles eliminated the high audio frequency harmonics so disturbing in many other amplifiers.

The lay-out and proper design of apparatus on the sub-panel, together with the outstanding vernier drum dial—not to speak of the incorporation of the new Kruz-Kasch capacity connector, which eliminates the greatest part of wiring—are features which will assure instant popularity of this high quality receiving instrument.

## AUTHORIZED SILVER-MARSHALL SERVICE ON ALL S-M SETS

A stage of tuned R-F added to your present S-M Super will give you greater selectivity, no harmonics, and can be used on aerial or loop. I have such a set on demonstration. Drop in and hear it.

*Expert Service also on Madison-Moore, Remler and Silver-Cockaday*

**JACK CHENEY**

(Radio Laboratory Service)

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# **HOWARD**

## **A Real Electric Radio Receiver**

**The Latest and Greatest Development.**

**No Batteries—Uses A.C. Tubes.**

**A Single Switch—A Single Control**

### **Easily Operated**

Licensed by Radio Corporation of America and operating under their patents and the patents of the associated companies.

**This remarkable Radio Set on display at the  
Los Angeles Radio Show**

**SEE IT**

### **Booth 178**

Distributed by

## **Howard Radio Distributing Co.**

**6229 Banner Place, Los Angeles**

**Phone GLadstone 0807**

## RADIO CONSOLE CABINET

This beautiful cabinet will fit any set. Adjustable from 7x12 to 7x29. Made of solid mahogany, in any finish desired. Built to sell at \$27.50. Special for September only.



**\$14<sup>95</sup>**

## RADIO "B" BATTERIES

Always a fresh stock. All batteries are fully guaranteed.

Large Size 45 Volt — Reg. \$3.75.  
Special for September only.

**\$1.89**

Heavy Duty 45 Volt — Reg. \$4.75  
Now

**\$2.89**

"C" Battery, 4½ Volt — Reg. 60c  
Now

**39c**

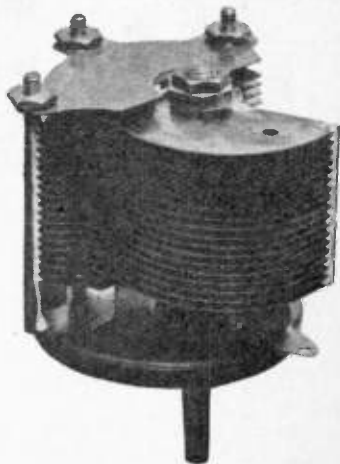
**American Radio Co.**  
LOS ANGELES

108 E. Eighth St. TUCkER 6028

## New "Armo" Condenser

Fans will welcome a new and efficient condenser that has just been placed on the market by the Armo Laboratories.

This new condenser is of the straight-line calibration type, having straight-line wave-length characteristics on the lower frequencies, blending to straight-line frequency on the higher end of the scale. The plates on both rotor and stator are stamped from flat spring brass and spaced by copper rods, laid in slots and soldered, instead of the usual bolt and spacer method. This, as is well known, affects a considerable lowering of the over-all resistance. The rotor is supported by an extra long bronze bushing of improved design, having a bearing surface at either end, to



eliminate thrust. This new bearing is exceptionally smooth running and accurate, which is of great help to careful tuning, tension being regulated by a spring and screw.

Perhaps one of the most noteworthy features, especially where the condenser is intended for one-dial operation, is a floating stator plate, adjustable in relation to the rotor from either side, so as to match condensers in gang, first on the upper scale by screwing down one corner, then on the lower scale by screwing down the other corner without upsetting the former adjustment.

# All Southern California Industries Greetings!

Our Complete Plant for Fabricating Mechanical and Insulating  
Parts of Celoron and Diamond Fibre at Your Service



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The Largest and Most Complete Stock of These Materials:

**DIAMOND FIBRE  
AND CELORON**

**SHEETS - TUBES  
RODS**

**MECHANICAL AND ELECTRICAL PARTS**

**FRICTION DISCS  
STAGE PLUGS  
POT HEADS  
SPECIAL SHAPES  
SWITCH BASES  
GEAR BLANKS**

**RADIO PANELS—DRILLED  
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SUBPANELS, SOCKET ASSEMBLY  
PORTABLE LOOPS  
SWITCH PANELS**

Consult our Engineers on your Problems of Insulation and the uses of Fibre  
and Celoron for your particular requirements.

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Insulating Materials and Products

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BUY A  
**POWELL**  
"B" ELIMINATOR



**\$12.25**

H. E. Satterfield, Chief Engr.  
KPSN, says:

"The 'B' Eliminator recently purchased from you has, to my opinion, operated wonderfully well, and I am more than pleased with the satisfactory operation from an eliminator that is sold at such a low figure.

"The workmanship is good and the eliminator itself is fully up to all requirements. I thank you for your prompt service."

No tubes, no acids, absolutely  
no hum. Gives more volume.  
Neat in appearance

*Sold on Money Back Guarantee*

Dealers and Set Manufacturers: Get our  
prices on 'B' Eliminator Kits for use in  
your own set.

Call VERmont 1619  
For Information

**POWELL MFG. CO.**  
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## Pure Tone

The ingenious TELEVO-  
CAL SUPPORT eliminates  
squeals and rasping noises  
and prevents shorting in  
Televoqual Quality Tubes.  
Tested, balanced and proven  
perfect by technical ex-  
perts before leaving the  
factory. A Televoqual  
tube for every radio  
need — each backed  
by our unconditional  
guarantee.

If your dealer cannot  
supply you, write us,  
giving his name.



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**TUBES**

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VITAPHONE RECORDING  
ORCHESTRA

Now Available Exclusively for Sponsor's Use  
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In Groups of from 7 to 22 of the Best Musicians in  
Southern California.

Herman Heller is California's most popular Orchestra Conductor,  
and with the Vitaphone Recording Orchestra under his baton can  
provide Radio Programs of a new distinction.

*For Particulars and Rates  
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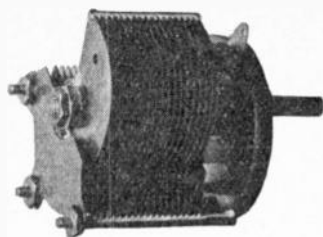
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\$2.75

## THE NEW ARMO S. L. F.

An instrument made with the precision and compactness of a watch, for those who desire to obtain even greater distant reception than heretofore—so perfect electrically that its losses are too small to be measured.

Designed with the help of engineers, technicians, and experts of various factories, who have been using our first type—thus making it an electrical and mechanical masterpiece.

Adjustable for three positions—Maximum, Minimum and Middle—without any special tools—without disturbing the set.

Made of best spring brass; the plates are soldered, not assembled, thereby offering free electrical surface, reducing resistance to a minimum.

Made in 37 capacities from .00015 to .0005.

### ARMO RADIO LABORATORIES

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STILL,—  
THE THREE

Liberal Allowance on Your Old Set  
in Exchange on New.

## Outstanding Sets of Today:

*Zenith*

*Atwater Kent*

*Radiola*

*Martin Music Co.*

734 S. Hill St., Los Angeles

Tel. TRinity 9621

# The Brown Audio Transformers and Chokes

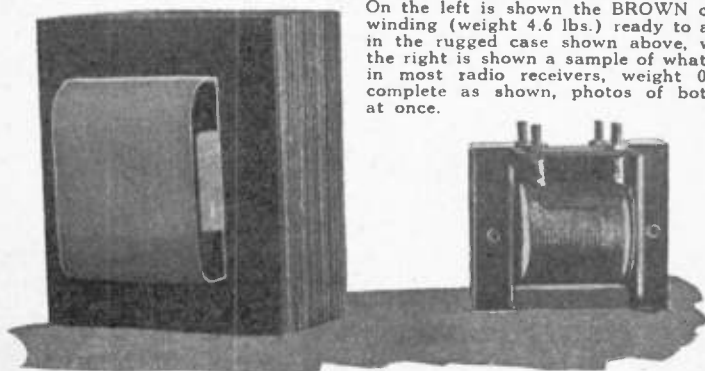


are scientifically designed, carefully built and tested, using only the finest magnetic steels, Silk-Enamel wire wound on special sectional forms using NO GLUE OF ANY KIND and if they fail under reasonable use ARE REPLACED WITHOUT CHARGE.

They are built regularly as microphone (W. E. or Kellogg) input, plate chokes, (up to 275 henrys) special output for 5 watt and input to the 50 watt speech amplifier tubes, mixing transformers, etc., as well as special tapped output transformers de-

signed for either the 171 or 210 tubes in either the single tube or "Push-Pull" sets and are guaranteed to excel any other make when used properly and for the purpose intended. Special transformers are designed and built to meet the most difficult requirements. They are sold and "STAY SOLD" on sheer merit.

On the left is shown the BROWN core and winding (weight 4.6 lbs.) ready to assemble in the rugged case shown above, while on the right is shown a sample of what is used in most radio receivers, weight 0.52 lbs. complete as shown, photos of both made at once.



**DIGNITY**  
(Core 3- $\frac{1}{4}$  X 3- $\frac{5}{8}$  X 1- $\frac{5}{8}$ )

and

**IMPUDENCE**

Special equipment for the construction, rebuilding and improvement of all radio equipment, including superheterodyne intermediate frequency transformers.

A stock of special resistance wires, magnetic steels and special materials not to be found elsewhere.

**EXPERIENCE AND EQUIPMENT, OUR GREATEST ASSETS**

**TECHNICAL LABORATORY OF  
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# Palmer Radio Laboratory

(Established 1923)

4529 S. Vermont      VE. 7883      Los Angeles

We manufacture an All-Electric Receiver, operating from your light socket, eliminating all A, B and C batteries and trickle chargers. Selectivity and tone quality unsurpassed.

*At a price that will startle you*

Let us convince you by a demonstration.

Also the electrification of your present set, regardless of make or model, with a guaranteed power unit.

We are specialists in construction and repair of all circuits, including Infradyne, Superheterodyne, Neutrodyne, etc.

## RAD X GROUND

Has improved the best sets, it will improve your set too. Simple to install. Improves volume and tone quality.

Better and clearer distance reception. Prepare now for a big DX season. Install a Radxground.

The Radxground is supplied with a continuous lead in of Gosilco super wire.

**Price \$4.50 Postpaid**

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## SILVER THE KING

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Pure Silver  
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**Gosilco Super Aerial Wire**  
Gold over Silver on Copper

Greatly Increased DX Range 35% More Volume—Clearer Tone—25% Sharper Tuning—Non-Corrosive. Endorsed by Major Mott, Ormiston, Best, Cockaday, Garver of KNX. Your set deserves the best—Discard your corroded aerial—Install a GOSILCO—A permanent investment. No. 14, 100 ft., \$4.00; 25, \$3.25; 50, \$2.50. If Dealer is out, order direct. Prepaid or C. O. D. Checks O. K.

**GOSILCO RADIO PRODUCTS CO.**

A. J. TOBEY CO., JOBBERS

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## Record your favorite Radio Programs

with  
the

# "TALK-BACK"

## A Complete Recording Instrument for Home use

Wouldn't you like to hear the Dempsey-Sharkey fight broadcast again? Or Lindbergh's history-making homecoming reception? When the last lingering strains of a program by your favorite artist fade away—don't you often wish you could hear it just once more?

You can—with the "Talk-Back." For the "Talk-Back" records any program for you on a "Talk-Back" record. You can play it again and again on your phonograph.

The "Talk-Back" will also make recordings of singing or playing by yourself or your friends. With it you can preserve the voices of loved ones. You can send a record back home instead of a letter.

The "Talk-Back" is a scientifically-made and perfected recording machine that attaches to any phonograph in a minute.

### \$7.50

#### Complete

FULL directions for quickly attaching to any phonograph. Lifts off in a second. Does not interfere with playing of regular phonograph records.

### Sold by All Leading Music Dealers

*In Los Angeles the "Talk-Back" is on sale  
at the following stores:*

THE PLATT MUSIC STORES  
WURLITZER MUSIC CO.  
THE MAY COMPANY  
BARKER BROS. STORES  
ARCADE MUSIC SHOP  
RICHARDSON'S, INC.

and all leading neighborhood music stores.

### \$7.50

#### Complete

Three double-faced reinforced records only \$1. Records are permanent. Will reproduce like regular phonograph records — indefinitely. A wonderful instrument.

*Manufactured by*

**PACIFIC RECORDING INSTRUMENT CO.**

4703 E. 50th St.

*Central Manufacturing District*

Los Angeles, Calif.

# R Monthly Diagnosis

In appreciation of the fact that a great number of radio enthusiasts do not have the necessary equipment to thoroughly check their sets; we have inaugurated a monthly checking service for our customers.

This TESTING SERVICE is absolutely FREE and is available to you once a month.

If you wish this monthly service just call **Washington 2760** and you will be put on the monthly SERVICE LIST.

RADIOLA AND PANATROPE  
SPECIALISTS

**THOMAS RADIO CO.**

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LOS ANGELES

*"The House of Better Radio Service"*

## OVER WITH A WALLOP!

### De Hoog Bros. A-B-C Power Unit

HAS SOLD ITSELF TO THE RADIO  
PUBLIC ON ITS MERITS.

Think what it would mean to you to have quiet, dependable power for your set at all times! Improved tone quality and range, too, by holding voltage constantly at par. No attention necessary—plug into your light socket and forget it! No liquids, no chargers. All dry rectification.

Hear It Play Our Sets TONIGHT—Open Till 9:30

**DE HOOG BROS. RADIO CO.**

6120 South Broadway

THornwall 0224

Los Angeles, Calif.



Price \$50.00  
(Terms Arranged)  
Installed Free



Another feature has been inaugurated at KMIC, which consists of a Broadcast Listeners Service under the supervision of E. K. Hayes of the Laboratory of Radio Standards. Questions pertaining to radio reception are answered either by phone or mail. Mr. Hayes is on the air each Tuesday evening with a non-technical discussion of reception problems.

Jack Myers, radio technician, formerly with the Palmer Radio Laboratories, has taken charge of the service department of the De Hoog Brothers Radio Co., 6120 South Broadway, Los Angeles. Mr. Myers is a specialist on super-het, infradyne and A. C. operation, and should be admirably equipped for his new work.

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**Spaulding Fibre, Spaulding Bakelite, Hope Talking Tape, Irvington Spaghetti and Wire**

Factory Stocks and Cutting Equipment—Ample Stocks in Los Angeles

Panels, Washers, Discs, Special Shapes

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**WHITING FINANCE COMPANY**

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**SHEPHERD  
RADIO SERVICE**

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430 American Ave.

**Phone 653-171**

**RIALTO RADIO CO.**

## Studio News

(Continued from Page 74)

Ben Light, the American Paderewski, and Mark Cook, the boy with the mellow voice, formerly featured extensively over Chicago stations, are now with KMTR. They can be heard Mondays, Wednesdays and Fridays, from 1:30 to 2:30—the Radio Press Agent hour and on Wednesday and Saturday night. These artists have been acclaimed one of the greatest two-men combinations on the air.

I ran into Virginia King the other day at the Bungalow Studio of KFQZ. Incidentally, there are rumors everywhere that this "Bungalow" prefix will have to be changed real soon—but the management remains as silent as the Sphinx in regard to the new quarters. Virginia is a real southern girl, and puts the genuine old croon in her music by actual contact with the "dark blue singers," though she was asked, the other day, how many packages of cigarettes it took to develop her voice.

I understand KPLA is to be represented at the Radio Show. Bert Heller, technician, is arranging for a booth and making plans for broadcasting. The program bids fair for advance favorable comment since the featured artists are the well known Charles Hamp, Baron Keyes, Leigh Harline, Wint Cotton and Sunny Clay's orchestra.

Dr. Frederick W. Clappett, one of the country's most eminent scholars, writers and speakers, will hereafter be heard on KFRC at 9 o'clock every Friday evening in a series of talks on "World Topics," according to an announcement from the station management.

## What Next?

(Continued from Page 54)

one better and say that our children will see this done to perfection. Plant the seeds today, turn on the radio apparatus tonight, and tomorrow they will have to cut the crop down because it will be growing too rapidly.

It certainly is the bunk to have to get up in the a. m. and warm the milk for the kid and trounce it up and down before the neighbors begin to throw their old shoes and tin cans on the porch to quell the howling squeals.

Now my idea is that here, indeed, is a vast and growing field for intensive radio research. Regulate the whole business by radio and get it over with. Radio automatically warms the youngsters' milk, wakes him up every two hours, forcibly feeds the child and tucks him safely in the crib again. While all this is going on we might as well have radio rock the crib or roll the perambulator down to the park in the afternoon and save the expense of a nursemaid.

It isn't much of a prophecy to say that ships, airplanes, motor craft and submarines will be steered and maneuvered by radio, for already it has come to pass. Even prospecting for metal ores and coal veins has utilized radio in a remarkable manner.

If we find that Tesla is right in his theories, power transmission will make it feasible to tap the earth anywhere and get energy for the heating of our homes.

Television is already in our midst. Perhaps the next thing in the photographic line will be the sending by radio of newspapers by reproducing an entire sheet, page by page. Of course, this would beat the wirelessness of the news letter by letter, or word by word.

Jumping considerably into the distance, what will be the need of telephones if we can radio to anyone, anywhere, at any time.

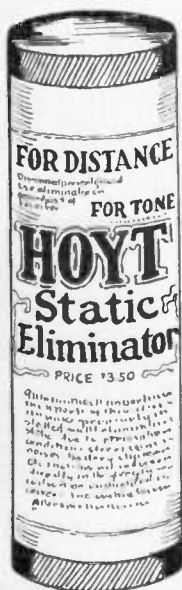
Plug in Indianapolis, for instance, get the local number and actually see the person to whom you are talking—all via means of radio and without land wires of any kind. This would eliminate the necessity of telephones or telegraph, as we know them today. Also it would do away with privacy. We might as well all plan to live in glass houses and throw away our pile of stones.

# RADIOLA

SALES & SERVICE — AXridge 7106  
4713 South Broadway—Open Nights

*This Will Introduce to You the*

# HOYT STATIC ELIMINATOR



*"Speaks for  
Itself"*

*A New Product*  
Designed to Increase Radio Efficiency

*A New Principle*  
Constructed For Immediate Results

*A Sensible Price*  
Made Possible by Quantity Production

*Guaranteed Satisfaction*  
Or Your Money Cheerfully Refunded

## \$3.50

Almost unbelievable improvement in tone quality and at the same time doing away with your unsightly aerial.

Maintaining the signal strength, while decreasing the static that makes distance programs so unpleasant.

*At Your Dealers  
or Write*

## HOYT RADIO LABORATORIES

419 California Building

MUtual 0508

Los Angeles

*"The Finest in Radio Equipment"*



### ACME Universal "B" Power Supply Units

BE-40 for five to eight-tube sets with power tubes. Capacity 40 m.a. at 150 volts. Complete with QRS 85 mill. tube....\$35.50  
BE-60 for any number of tubes, including power tubes. Capacity 60 m.a. at 180 volts. Complete with QRS 85 mill. tube...\$40.00  
Other Acme Products include the *Acme "A" Power Unit*, furnished with or without six-volt A battery and tube, *Acme Two Rate Trickle Charger*, *Acme Automatic Control Switch*, *Acme Trickle Charger with Automatic Relay*, *Acme Universal Charger*.

### ACME Trickle Charger and Automatic Control Switch

#### TYPE ATCSR

consists of a two rate Acme Type AT-2 Trickle Charger and Acme Automatic A. C. S. No. 1 Control Switch with a special socket plug for connecting with B Eliminator.

List Price .....	\$14.25
2-Ampere Bulb .....	4.00
Complete (50 or 60 cycle).....	\$18.25



### Investigate This New 2 Rate Trickle Charger

*The Latest, Most Efficient Charger of Its Kind on the Market*

This Trickle Charger has been designed to serve the larger radio receiving sets, and with it there may be obtained two charging rates by throwing the toggle switch on the outside of charger from one position to the other. The charging rates are of  $\frac{1}{2}$  ampere and  $1\frac{1}{2}$  amperes. This charger uses a 2-ampere tungar bulb with a specially designed transformer. Type AT-2, Complete with Bulb.....\$14.75  
Type AT-1, Complete as above, but  $\frac{1}{2}$  to  $\frac{3}{4}$  Amp. rate.. 10.50  
50 cycle .....

11.50

SEE



BOOTH NO. 20

5th National  
Radio  
Exposition  
Los Angeles  
1927



Manufactured by

Acme Electric & Manufacturing Co.  
Cleveland, Ohio



## ACME "A" and "B" Socket Power Unit

"A" Battery of 60 ampere-hour capacity. Two Rate Trickle Charger,  $\frac{1}{2}$  or  $1\frac{1}{2}$ -ampere. Enclosed in an attractive lacquered case. Bulbs, cord and sockets included.

### GREATER CONVENIENCE

Automatic Control Switch included. Filament switch on your set controls everything.

### POWERFUL COMPACT EFFICIENT

Type AB-1, Complete...\$69.00

For five to eight-tube sets, 50-60 cycle. "B" Power Supply capacity 40 mils at 150 volts.

Type AB-2, Complete...\$74.50

For seven to twelve-tube sets, 50-60 cycle. "B" Power Supply capacity 60 mils at 180 volts.



AB-1 and AB-2



## ACME Automatic Control Switch

### TYPE ACS-1

Connects to receiving set so that when set is turned on trickle charger automatically disconnects from A battery and B Power Unit connects to set. When set is turned off the trickle charger automatically connects to storage battery and immediately starts charging the A battery and the B Eliminator is disconnected from set and line.

Type ACS-1, 6-volt .....\$ 3.75  
Type ACS-2, 4-volt ..... 3.75



Stock for the Jobber Carried by Pacific  
Coast Special Representative

**N. F. ANDRUSS**

426 Larkin St.

San Francisco



# PRINTING

## MODERN METHODS

**Service to Meet  
All Requirements**



*Phone for Representative*



## **CITIZEN PRINT SHOP**

**540 South San Pedro Street**

*Telephones: MUtual 3226 and 3227*

# "WHO'S WHO" In RADIO —and the reasons why

*Our readers have for some time been well acquainted with the names and appearances of representative accessories and receiving sets merchandized in the far west. It is now our pleasurable purpose to introduce to all of you some of the men who are the motivating forces behind the complicated responsibilities of radio manufacturing and distribution.*

*Incidentally we have chosen from the prominent radio business men a few who have been largely instrumental in the successful support of the Radio Show Beautiful. In the following pages we offer these illustrated introductions.*

## **S. W. Gilfillan and W. W. Lindsay**

The new 6-tube completely shielded Gilfillan sets, operating from the light socket without batteries or chargers of any kind, are very powerful receivers, and owe their design to W. W. Lindsay, Jr., the Radio Engineer of Gilfillan Bros., Inc.



The above photograph shows the President of the Company, Mr. S. W. Gilfillan, discussing the details of the four new models in the testing room of the factory in Los Angeles—the only radio manufacturer on the Coast which is licensed under the RCA patents.

## **George C. Maudslay**

George C. Maudslay has been the district manager for the National Carbon Company in Southern California and Arizona for the last three years. He has been with the National Carbon



Company for fourteen years, during this period, acting in the capacity of Manager of different district offices.

Like a great many of the well known figures in radio, Mr. Maudslay is an Englishman, being born and raised in London.

## "WHO'S WHO" IN RADIO — Continued

Mr. Maudslay is especially adapted to handling the district offices of the National Carbon Company as not only is he a sales executive but an electrical engineer.

### Claude Huse

Claude Huse has for the last five years been representing nationally known automotive, electrical and radio manufacturers in the Southern California territory. He now acts exclusively as Los Angeles representative for Detsch and Company, 555 Turk Street, San Francisco. Mr. Huse's office is located at 1939 East 16th Street, Los Angeles.

Mr. Huse and Detsch and Company distribute on the Pacific Coast Sterling Meters and Eliminators, General Dry Batteries, Kurz-Kasch, Teletone Cor-



poration, Universal Battery Company and others.

Mr. Huse is very active in the Radio Trades Association in Southern California.

### Herbert H. Horn

Herbert H. Horn, while comparatively new in the radio business, has been established as a jobber of auto accessories since 1918.

Realizing the tremendous growth of the radio business he went into radio jobbing two years ago in a comparatively small way; today, he is stocking one of the most complete lines of radio parts and accessories in Southern California and he is exclusive Southern California distributor for the well known All American Receivers.

Horn was one of those progressive jobbers who attended the RMA Conven-



tion in Chicago last June. It was the first time that he had met many of the bunch that are in the same line of business and they all pronounced him a real good fellow.

### K. B. Slack

The French Battery Company did not begin active work in Southern California until about four years ago, when they sent out Mr. K. B. Slack, who had already had remarkable success in developing their Nebraska, Montana and North Dakota territories.

The task of opening a practically new territory was not an easy one, but through Mr. Slack's able management the distribution of "Ray-O-Vac" batteries has shown a phenomenal increase in the past two years. In fact, Southern California has had a large share

## "WHO'S WHO" IN RADIO — Continued

in bringing about the fact that "Ray-O-Vac" grew three times as fast as the industry grew in 1926.

The high quality of Ray-O-Vac merchandise has also had much to do with this success. The new type of construction in the Ray-O-Vac "B" Battery gives longer life and low internal re-

friendships such as are made on rubber rafts in the Pacific. Does that describe the situation accurately enough, or must we go further?

Bill graduated from the hardware business about four years ago and since has taken several post graduate courses in the school of radio experience, emerging with the degree of B. P. (Bachelor of Parts)—radio parts, that is. Any contented cow will tell you that Bill knows his condensers. And as for resistances he is irresistible.



sistance, which makes for better and less costly reception.

With Los Angeles as the head office, complete warehouse stocks, with resident salesmen, are now maintained in San Francisco and Seattle.

### W. C. "Bill" Hitt

Speaking of "striking" names, let us take a concrete example—that of "Smiling Bill" Hitt, for instance. If any subscriber can furnish us with the name of a radio man with any more punch in it than that—well, we will be completely furnished, that's all.

Not only has Smiling Bill Hitt a striking name, but a striking personality as well. His work is his social life and his customers his closest friends. In other words, he forms



We were hoping it would not be necessary to mention certain other lines Bill Hitt carries as a manufacturer's agent, this publication going as it does into the home. But in all fairness to those who are depending upon us for the truth and nothing but the truth, we feel it incumbent upon us to divulge that he sells breadboxes and all that silly sort of thing.

However, regardless of what Bill sells, his customers can be sure that his goods are just as genuine as his smile and his handclasp.



## "WHO'S WHO" IN RADIO — *Continued*

### H. Earle Wright

H. Earle Wright, President of H. Earle Wright, Incorporated, may well be considered one of the old-timers in the California Radio field.



His present venture dates back to the early inception of the radio merchandising industry in California. In 1922, after a varied experience in manufacturing and banking circles, he started one of the

first exclusive retail radio stores in San Francisco. At that time wholesale service and capital were so vitally needed that he soon turned his efforts in that direction.

Since then he has been instrumental in the distribution of many nationally known lines of radio equipment. For the past two years, with his associate, John G. Rapp, Vice President of H. Earle Wright, Incorporated, he has been concentrating on Kolster and Crosley Radio, and the success of those two popular lines is largely due to their efforts.

H. Earle Wright, Incorporated, was ranked as an outstanding distributor by both the Kolster and Crosley factories last season and brought distinction to California by having the winner of Crosley's National Salesman's Contest in their organization.

### F. W. Falck

F. W. Falck, Manager of the Advance Electric Company, has been associated with the Radio Industry since 1909, when experimental transmission was carried on between the two stations of the Pacific Wireless Company on the Pacific Electric Building and a station one mile away.

Later this company transmitted messages with difficulty between Avalon and the mainland. For one week Mr. Falck had charge of the Avalon station. In 1923 he received a commercial license, which was not necessary up to this time—these were early days.

Several years later he became interested with the Western Research Com-

pany of San Francisco, which was one of the pioneers in Radio telephony. At that time Mr. Falck had charge of all electrical experimental construction, building one of the first 5000 cycle, 20 K.W. generators on this coast which was used for wireless telephony. This company later moved to Inglewood and built a large station there for experimental telephony and after several years discontinued operations.

For six years after this time Mr. Falck was active in the commercial electrical industry and conducted a business along that line here in Los Angeles.

Some time later Radio broadcasting was started in a small way and at this



time the Advance Electric Company became active in this work and has been for several years.

This company was one of the first to develop an all-electric set using the large tubes, eliminating all batteries, and has worked along this line for the past three years.

This company has a complete factory and also manufactures a complete line of battery-charging equipment for the service station.



# The Original Nathaniel Baldwin



No. 55 Console

## Console Grand Reproducer

This reproducer embodies the most advanced discoveries in tone chamber design. The tone chamber, made by Newcomb-Hawley, is over 86 inches long, and its contour and proportions were developed after long research in sound creation. The Nathaniel Baldwin Rival Unit is fitted precisely for the air chamber.

## Baldwin Grecian Cone

The Grecian Cone was known last year for its perfect tone. This year it is more attractive in appearance, and has more volume. Gold crackle finish.

### See Display in Booth 39

Baldwin Dealers will find their prestige increased still further by the addition of this wonderful speaker to their present Baldwin stock.

Deliveries can now be obtained through regular jobbers and dealers.



### Southern California Distributors:

**MYERS ELECTRIC CO.**  
1727 S. Los Angeles St.  
Los Angeles, Calif.  
WEstmore 5411

**MCCLELLAND-FELTHOUSE CORP.**  
1358-60 S. Figueroa St., Los Angeles  
WEstmore 5586

**DANIEL SPECIALTY CO.**  
5234 Melrose Avenue  
Los Angeles, Calif.  
HEmpstead 3491

**HERBERT H. HORN**  
1629 S. Hill St., Los Angeles  
WEstmore 1713, 1543

### Pacific Coast Representatives:

## KEELER WHITE CO.

**LOS ANGELES**  
211 S. San Pedro

**SAN FRANCISCO**  
509 Mission

**SEATTLE**  
408 Occidental

## "WHO'S WHO" IN RADIO — *Continued*

### Waldo Tupper

More responsible than any other one person for the success of the "Radio Show Beautiful," Waldo T. Tupper, managing director, has been more than busy during the last three weeks.

Virtually every problem was left for his skillful fingers to unravel, and hundreds of matters were weighed by him

toward establishing him in the city he has chosen for his business operations.

Since becoming a Tupper event, the radio show has overflowed the confines of the Ambassador auditorium on two different occasions. Last year, it became necessary to install nearly a score of exhibits in the auditorium's west wing, which never before had been used for such a purpose, and this year, the show was increased by 72 booths, which



and decided before being taken up in committee.

Having piloted two previous radio shows to happy endings, Mr. Tupper naturally was the first and one man to be considered when plans for this year's show were broached. In all his expositions, Mr. Tupper has mingled salesmanship and showmanship on a basis of equality, thus serving both the exhibitors and the attending public.

Steeped in an understanding of trade shows, Mr. Tupper has practiced this interesting school of human nature on the Pacific coast for 15 years and in Los Angeles for the last three. The fact that his dealings have always been above board, and that he has fought the "get-rich-quick" show promoter, until that picturesque character is almost a stranger to Los Angeles, has gone far

are to be harbored in a pavilion at the southern end of the building.

Always on the alert for new ideas, Mr. Tupper has brightened the radio show by terming it "The Radio Show Beautiful." Otherwise, it would have been described as "The Fifth Annual National Radio Exposition."

In keeping with the name, the show is being decorated in gorgeous fashion, with statuettes, gay colors above and pastel tones below. The entertainment program also has been increased materially.

Broadcast affairs in this region may attribute much of their forward movement to the energies of this skillful trade exposition authority. Since Tupper has been managing the radio shows, radio has materially benefited by his sagacious handling.

## "WHO'S WHO" IN RADIO — *Continued*

### Crosley Officials Visit H. Earle Wright, Inc.

Harry E. Sherwin, General Sales Manager of the Crosley Radio Corporation, Cincinnati, Ohio, accompanied by Frederick H. MacGowan, Pacific Coast Sales Manager, San Francisco, were recent visitors of M. G. Sues, Los Angeles Manager of H. Earle Wright, Incorpo-

of a radio manufacturer here on the Pacific Coast and at that time I had the opportunity to personally meet many of the dealers in Southern California, and although indications were good at this period of the year at that time and the season did prove to be a better one than the year previous, there was not the improved condition in Radio receiving apparatus that is



Left to right: G. F. Filibert, H. Earle Wright, Inc.; Harry E. Sherwin, Sales Manager, Crosley Radio Corp.; Frederick A. MacGowan, Western Sales Manager, Crosley Radio Corp.; M. G. Sues, Southern Division Manager, H. Earle Wright, Inc.

rated, 415 E. 8th St., Los Angeles. Mr. Sherwin is personally investigating marketing conditions throughout the entire Pacific Coast, and in an interview indicated the conditions as he saw them. Mr. Sherwin, being a native of Southern California, evidenced great interest in Los Angeles and surrounding territorial conditions. In the interview, he made the following statement:

"The indications in Southern California for the Radio marketing season of 1927-28 show great improvement over any season that has gone before.

"Two years ago it was my privilege to manage and operate a branch office

offered to the market at the beginning of this season.

"All manufacturers have used much experimentation in their laboratories to develop greater and improved audio output and the result has been great progress in that direction.

"The Crosley laboratories have developed refinements and great improvement in their line this year, having decided to manufacture nothing but all-shielded chassis, making in the plant variable condensers and transformers and working to a high degree of compactness, and the engineers have kept in front of them continuously the mat-

## "WHO'S WHO" IN RADIO — Continued

ter of improving the audio output.

"The Fifth Annual National Radio Exposition, Ambassador Hotel, September 4-10, inclusive, will indicate the tremendous march of progress that has been made with the refinements that have been developed in laboratories during the last twelve months, and while no radical discoveries have been made that change any make of receivers, experimentation has worked wonders with improved quality of reproduction. It has been the purpose of the Crosley laboratories to develop a line of receivers this year that will give the public maximum quality at minimum first cost.

"As I am a native of Southern California, it is very stimulating to me to find the marketing activity that exists throughout the entire territory."

### Al Ravenscroft

Mr. Ravenscroft, president of Kierulff & Ravenscroft, has been for many years in the telephone and power transmission business. In 1922, with the advent of radio, Kierulff & Ravenscroft naturally swung into the radio business. They pioneered the Kennedy line of Receivers and Brandes Speakers.

Kierulff & Ravenscroft also have owned and operated two different broadcasting stations, the first one being KHJ. They now operate the well-known and popular Santa Monica Station KNRC, which is one of the prize stations in Southern California. Under the able management of Mr. Al Ravenscroft, Kierulff & Ravenscroft are now distributing in Southern California and Northern California the Crosley, Argus and Splittorf Receivers, Cunningham Tubes, Burgess Batteries, Temple Speakers and many other well known lines of radio parts and accessories.

### C. C. Lawton

C. C. Lawton, of the C. C. Lawton Co., who has made rapid progress in the Radio field, came to Los Angeles in 1912 and operated an automobile sales agency until the fall of 1925.

In March of 1926 Mr. Lawton purchased the accessory and parts department from C. W. Smith Co., located at 1125 South Wall Street. He has operated his business in the same building with C. W. Smith Co.



Mr. Lawton has been very successful in this business and has built it up until he is now considered one of the leading radio parts houses in the city of Los Angeles.

About August 1st Mr. C. W. Smith of the C. W. Smith Co. decided to retire from the Radio wholesale business to act in the capacity of manufacturers' agent, and offered for sale his wholesale business to Mr. Lawton, who quickly took advantage of the opportunity.

The transfer was made and the C. C. Lawton Co. now operates the entire business of Radio cabinets, speakers, parts and accessories.

Mr. Lawton is very well thought of



## "WHO'S WHO" IN RADIO — Continued

by the trade and we predict the C. C. Lawton Co. will be one of the leading Radio jobbers in the Southwest.

### Ernest Walker Sawyer

Ernest Walker Sawyer, western representative of Silver-Marshall, Inc., came to California in 1897, when, he tells us, he hunted prairie dogs and rattlesnakes on West Adams hill. He returned west in 1904 and graduated from Stanford University as a Civil Engineer in 1908. He has been intimately con-



nected with much of the great engineering work of the West, such as the Southern Pacific Imperial Valley branch, the Central Pacific yards and tunnels near Colfax, the Western Pacific Feather River Canyon Route, and the reconstruction of the Santa Fe Railway through New Mexico and Arizona. He is also responsible for many dams, irrigation ditches and water power plants in Modoc, Lake and Mendocino Counties.

He was in charge of the laboratories of the Federal Telegraph Company at Palo Alto when Dr. Lee De Forest made his discovery of the oscillating audion.

He built the largest radio station in Canada and operated that station for the Canadian Government during the first year of the war, 1914-1915.

In 1920 Sawyer became Chief Radio Engineer for the Postal Telegraph and Commercial Cables Companies. He subsequently made several European trips, studying the development of radio and wired wireless on the Continent and negotiating international traffic agreements.

He left the Postal Telegraph to take up general consulting work for the All-American Cables, Vanderbilt interests, William Randolph Hearst and others, and later was instrumental in forming the well known and successful manufacturing firm of Chas. Freshman, Inc.

Sawyer is an expert sales developer, but he has also found time to devise and patent several useful radio devices.

### The Radio Supply Co.

One of the most popular and complete parts jobbing and retail radio stores on the Pacific Coast, is that of the Radio Supply Co., 912-14 S. Broadway, Los Angeles, having gained the prestige it enjoys, through the untiring and efficient efforts of Messrs. H. A. and E. P. Demarest, president and vice-president of the company.

The Radio Supply Co. was purchased June, 1925, by the Automobile Tire Co. of California, Inc., operating as a branch of that company, but retaining the name of The Radio Supply Co., under which it has since operated. Mr. H. A. Demarest, assisted by his nephew, "Perry" Demarest, having been directing the destinies of this concern since that time.

Owing to increase of business, it was necessary to obtain larger quarters, to enable them to properly care for their vast patronage, moving from their original location at 920 South Broadway, to their present one at 912-14, occupying the entire floor space of their three-story building, indications already pointing to the prospects of their having to soon seek even larger quarters.



## "WHO'S WHO" IN RADIO — *Continued*

### B. C. McDonald

Actively engaged in Wireless Tele. and Radio work for the past 15 years. Prior to the World War was employed by the Marconi Wireless Tele. of America and the Radio Corp. of America in Commercial Tele. engineering division



and trans-oceanic high power tele. circuits between San Francisco, Honolulu and the Orient. This work necessitated his visiting all countries bordering on the Pacific, from Siberia on the north to Australia and even India on the south. Served during the entire time of the United States participation in the World War, in the Radio Division of the United States Navy in San Francisco, and later manager of naval station at San Pedro and Catalina Island. At the close of the war resumed activities in trans-Oceanic Division of the Radio Corp. of America and later upon the advent of broadcasting was transferred to the sales division of the Radio Corp. of America in 1923, acting as traveling representative throughout the northwest and intermountain states until October, 1924, when appointed to duties as assistant to District Sales Manager of the Pacific division in San Francisco; later transferred to Los Angeles in March, 1925 as Director of Sales Department activities—the post which he now occupies.

### G. Binder

G. Binder, of the Gold Seal Electrical Company, Inc., manufacturers of the well-known line of Gold Seal radio tubes, came out West in the interests of the Gold Seal Company last March—or about six months ago—but there probably is no jobber—hardware, automotive, radio, electrical or otherwise that has not already become acquainted with "Gus," as he is known to all his friends.

He was for over ten years with the General Electric Company in the East, and prior to coming out West covered the states of Wisconsin, Minnesota and the Dakotas for Gold Seal.

The Gold Seal Electrical Company, head office located at 250 Park Avenue, New York City, have about two months ago moved into their new plant on 15th and Central Avenue, Newark, N. J.; the



largest factory in America devoted exclusively to the manufacture of radio tubes. They have also located their Western office at 737 Terminal Street, Los Angeles, Calif., where a very large stock of their radio tubes are maintained at all times for the benefit of all of their accounts in the West.

## "WHO'S WHO" IN RADIO — *Continued*

### R. B. Yale

Mr. R. B. Yale, president of the Yale Radio Electric Company, started in a very small way at 4816 South Vermont avenue, Los Angeles. At first the Yale company did a strictly retail business, then started to branch out into the jobbing business. Their business grew so



rapidly that they had to find larger and more convenient quarters, so Mr. Yale moved into the heart of the wholesale radio district at 1111 Wall street.

The successful merchandising methods which Mr. Yale used have been in no small way responsible for the phenomenal growth of this company. The Yale Radio Electric Company found this summer that they had to have larger quarters, so took over the entire ground floor of the building at 1111 Wall street,

Mr. Yale believes in handling only nationally recognized radio merchandising and is now distributing Bosch Receivers, a full line of A. & B. Eliminators, Loud Speakers, Cabinets and a complete line of parts and accessories.

### Ray Thomas

Ray Thomas, President of Ray Thomas, Inc., started the Electrical Equipment Company in Los Angeles to distribute Atwater Kent automotive equipment.

When the Atwater Kent Company started the manufacturing of radio receiving apparatus, Ray Thomas automatically became the distributor in Southern California, and operated both the automotive and radio business together. Three years ago Mr. Thomas formed a separate company to handle the radio end of this business. This company was called Ray Thomas, Inc.

Mr. Thomas has had phenomenal success in the merchandising of Atwater Kent receivers and other radio equipment in Southern California, and has



without a doubt sold more radio sets than any other individual distributor in this territory. Mr. Thomas has been fortunate in having associated with him such excellent merchandisers as Mark Smith, Vice President of the Company; C. W. Griffin, General Sales Manager, and Mr. H. S. Mason.

## "WHO'S WHO" IN RADIO — Continued

### Les Taufenbach

Here is a real old-timer! Les started fussing with radio 'way back in 1912. At the conclusion of the World War, in which he served in the radio division of the Naval aviation service, he started in business for himself in Los Angeles. For the past seven years Western



Radio, Inc., has flourished under the very able management of Taufenbach, until today it is one of the most prominent of the radio institutions of Wall Street, the "Radio Row" of Los Angeles.

Western Radio, Inc., built and operated the first broadcasting station in Los Angeles in the days when the concern catered to the wants of the wireless amateurs, and there were no broadcast fans. With the rapid development of radio broadcasting which followed, Western Radio has marched in the vanguard of the procession.

Western Radio Inc. distributes Stromberg-Carlson sets, Cunningham tubes, Eveready batteries, Farrand speakers, Sentinel power units, etc.

Les Taufenbach has been an active member of every Radio Show Committee since the first show held here. He is vice-president of the Board of Direc-

tors of the Radio Trades Association and Chairman of the Southern California branch of the Institute of Radio Engineers.

### Bert R. Hassler

B. R. Hassler first became known on the Pacific Coast as Coast sales manager for the Colin B. Kennedy Company. For three and one-half years he was the general sales manager of this company, with headquarters in St. Louis. Last July he came back to the Coast and established an office in San Francisco, representing the L. S. Brach Company and the Valley Electric Company.

Mr. Hassler has recently moved to Los Angeles and opened an office at 305



Allied Crafts building. He is representing on the Pacific Coast with excellent results Zetka Tubes, Sentinel A. B. and C Power Units, Temple Speakers, Valley Tone Receivers and the L. S. Brach Company.



## "WHO'S WHO" IN RADIO — *Continued*

### Fred W. Stein

The remarkable growth of STEINITE in the radio field ranks as a real industrial romance, born of TRUE SERVICE.

Starting in 1915 as the Fred W. Stein Electrical Laboratories, occupying the second story of a small building, its



operations were discontinued during the World War. Returning in 1917 Mr. Stein resumed operations and due to the consistent growth of his business, larger quarters were secured in 1922. It was but one year later, 1923, that the company was again forced to move to larger quarters, at which time the firm name was changed to the Steinite Laboratories. In 1925 another move was necessary, it now being the present home, comprising 50,000 square feet of floor space which is one of the largest exclusively radio manufacturing plants in the world.

This company are the manufacturers of the STEINITE no-battery receivers, distributed in Southern California by the National Radio & Supply Co., 141 W. Washington St., Los Angeles. They are licensed under the R. C. A. patents and have gained wonderful popularity on the Pacific Coast. A display of their complete line can be seen at booth 148 at the Radio Show.

### W. D. Scott

Mr. W. D. Scott, for the past two years president of the Radio Manufacturers Association, is a well known figure in Radio circles on the Pacific coast.

He first came to the coast four years ago as traveling sales manager for the Herald Loud Speaker. He became so enamored with Southern California that he went back to New York, resigned his position and came out to California to be the Pacific coast representative of the Herbert H. Frost Company.

"Scotty," as Mr. Scott is intimately known to his large circle of friends, has



made a great success as manufacturers' representative in this territory. He now represents such well known lines as Herbert H. Frost, Webster Eliminators, Balsa-Wood Speakers, Mountford Resistors, Browning Products Corporation, Dry Storage Battery Corporation and others.

## "WHO'S WHO" IN RADIO — Continued

### Dave Marshank

The Marshank Sales Company organized as a direct factory sales agency in 1922 and has progressed rapidly with a steady growth with the radio industry. Commencing with a few lines practically unknown on the coast territory,



Mr. D. N. Marshank has become one of the outstanding figures in radio circles in Southern California, having been president of the Radio Manufacturers Agents Association, and is at the present time a member of the board of directors of the Radio Trade Association.

The Marshank Sales Company has contracted for space at the coming Radio Show Beautiful where they will put on display the latest products of the lines which they are handling, namely:

Cornish Wire Company, Igrad Condenser & Mfg. Company, Racon Electric Company, France Mfg. Company, Wireless Radio Corporation, Beede Electrical Instrument Company, Universal Battery Company, Karas Electric Company.

Associated with Mr. D. N. Marshank is his brother, William Marshank.

### Walter Fagan

Walter Fagan, former sales manager of the Electric Corporation, and now president of the Pacific Wholesale, Inc., Twelfth at Wall streets, Los Angeles, is thoroughly conversant with the various phases of the electrical and radio industries. He was sales manager for a number of years for the Edison Electrical Appliance Co., Inc., manufacturers of the nationally known Hot Point appliances. While associated with the Electric Corporation he inaugurated many new features, one of which was the Five-Minute Counter Service and the immediate shipment of orders to out-of-town customers. Since heading the Pacific Wholesale, Inc., Mr. Fagan has inaugurated a sales policy of prompt and efficient service to the trade, and he is very much responsible for the great success his company is enjoying. The



Pacific Wholesale, Inc., are distributors for the well-known Spartan Receivers and Speakers, the famous Cunningham DX Tested Tubes, Balkite, Kodel and Majestic Eliminators and many other nationally known lines of parts and accessories.



## "WHO'S WHO" IN RADIO — *Continued*

### M. J. Carls

M. J. Carls, manufacturer of Golden Bear Speakers, has been closely allied with the radio industry from its very inception. His knowledge of acoustics,



developed in the days of phonograph reproduction of sound caused him to develop a speaker of extreme good quality. Four years ago, the Golden Bear Speaker made its bow to the radio field. Utilizing the principle of air column resonance, Mr. Carls pioneered that type of speaker, and in view of recent developments as manifested in the newest models at the last Chicago Radio Show, this year will see ultimate adoption through popular approval of the air column type of speaker. The Golden Bear Speaker is the exponent of air columns. It reproduces the full range, from the deep tones and the slightestappings of the drums to the highest notes of the violin. The Golden Bear Speaker line comprises everything in size from the smallest portable size to the very largest eight foot air column for use in the large console models. Golden Bear Speakers have

been standard equipment in many of the radio sets manufactured on the Pacific Coast.

### Bernard Kruger

Mr. Kruger represents the C. E. Mfg. Co., of Providence, R. I., operating the largest exclusive tube factory in the world. His energetic representation of CeCo tubes, combined with the excellence of the product, has resulted in such a rapidly increasing demand that has created a widespread comment within the trade. Mr. Kruger is well known in English and American engineering circles in the development and application of power transmission de-



vices on which he has lectured before the Western Society of Engineers at Chicago. He is also a past-member of those two exclusive English institutions, The Textile Institute and the Athaeneum Club.

## "WHO'S WHO" IN RADIO — *Continued*

During the war Mr. Kruger was under the Ministry of Munitions as organized by Lloyd George, having the control of a large munition works and carried out a great deal of government reconstruction work in France and Belgium during the first year after the armistice.

have always maintained a strict jobber policy for their factories and both "Bromo" and his partner, Ed Henger, insist that it is their supreme desire to keep the reputation of the Henger-Seltzer Company as well as that of all their factories above reproach at any cost.

### "Bromo" Seltzer

"Bromo" Seltzer, of the Henger-Seltzer Company, says he is almost a California native son as he has been



here in business now three and one-half years. "Bromo" came directly from Connecticut where he was in the manufacturing game but his selling experience covers several years, part of it in Chicago.

The Henger-Seltzer Company has its main office and warehouse at 711 East 14th Street, Los Angeles, and a branch office at 377 Brannan Street, San Francisco. They handle such well known lines as Yaxley, Hammarlund, Aero, American Electric Company and Heine-man. The Henger-Seltzer Company

### Clarence E. Ogden

Clarence E. Ogden, President of the Kodel Radio Corporation, started in the Radio business about ten years ago by making charging panels to order for customers of a big electric house that he was working for at that time.

His first factory was his cellar, and the working force consisted of two people—he and his wife. Today Kodel Radio Company is one of the largest manufacturing companies of charging equipment and battery eliminators in the



world—this within a short period of six years. The new Kodel A and B Eliminators and the Kuprox Dry Rectifier Units are the talk of the radio industry throughout the United States. The Ku-

## "WHO'S WHO" IN RADIO — *Continued*

prox Rectifier is one of the few things developed this year that is really basically new in radio science.

### Cloyd W. Smith

Cloyd W. Smith came to Los Angeles in 1920 to promote the sale of Tungsten Spark Plugs for the Marshall Oil Com-



pany, having previously been in their employ for sixteen years. In 1923, on account of the growth of his business, he moved into larger quarters at 1020 Crocker street, where he added a complete stock of automotive accessories. In 1925 Mr. Smith decided to go into the wholesale radio business, and moved to 1125 Wall street. In August, 1927, he sold out his radio jobbing business to C. C. Lawton, and is now confining his entire efforts to representing on the Pacific Coast the Utah Products Company, United Radio Cabinets, McMillan and Walbert Receivers, Eagle Chargers and A and B Eliminators. Mr. Smith has opened a large radio display room and studio at 407 East Pico street, in the Allied Crafts Building, where he will have on display in a most attractive manner, the lines which he represents.

### A. J. Tobey

A. J. Tobey, President of the A. J. Tobey Company, started in the automotive business many years ago. His first venture in Los Angeles was the distributing of Willard Batteries. He sold this business and started the distribution of Philco Batteries. For many years he catered exclusively to the automotive trade—both wholesale and retail, but in 1924, when the Philadelphia Storage Battery Company developed and put on the market the Philco A and B Eliminator he naturally turned to the radio field.

August first, 1927, the A. J. Tobey Company moved into new and larger quarters at 1145 Wall street, where they not only have their general offices, wholesale rooms and service department, but have for the display of their



radio sets, one of the most beautiful show rooms on the Pacific Coast.

The A. J. Tobey Company is now recognized as one of the leading radio jobbers in Southern California, distribu-



## "WHO'S WHO" IN RADIO — *Continued*

ting such lines as the Freed-Eisemann and Arborphone Receivers, Philco Socket Powers, Golden Bear Speakers and Ray-O-Vac Batteries.

### Carl A. Stone

Carl A. Stone is one of the best known manufacturers' representatives in California. He has been in the game



from the beginning of the popularity of radio.

Mr. Stone has been very active in the Radio Trades Association, acting for the last three years in the capacity of Director. He also served one term as President of the Radio Manufacturers' Agents Association and two years as a member of the Radio Show Committee. Carl A. Stone Company has represented on the Pacific Coast some of the leading radio manufacturers and now represents such well known lines as All-American sets, eliminators and transformers, Trimm Speakers, Fast condensers, Shamrock sets, Hoosick Falls Radio parts, Daven products, Master Craft rejuvenators and Triple A Specialty Company Chargers and Power Units.

### Lombard J. Smith

Mr. Lombard J. Smith is one of the most popular men of the radio industry in Southern California, having been intimately associated with it for the past five years, and having represented some of the best known manufacturers of radio equipment in the United States. Prior to entering the radio field, he was an Assistant Engineer for the Pacific Electric Railway, having previously been engaged in the same capacity for the Southern Telephone Company. Mr. Smith is now manufacturers' representative for the Camfield Radio Mfg. Co., Carter Radio Co., H. H. Eby Mfg. Co.,



The Ekko Co., Fansteel Products Co., Howard B. Jones Co., and the Leslie F. Muter Co., and is located at 324 N. San Pedro street, Los Angeles. He is also Chairman of the 1927 Radio Show committee, and, with the assistance of Mr. Waldo T. Tupper, Show Manager, much of the success of the present Radio Show Beautiful is due to his untiring efforts.

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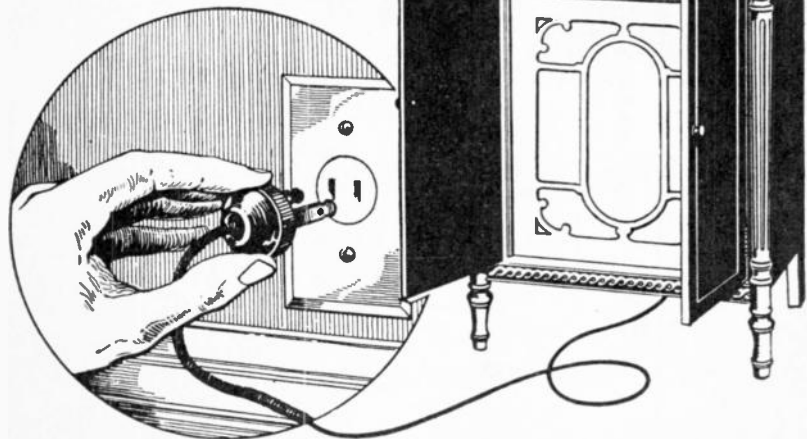
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