

RADIO DOINGS

RED BOOK OF RADIO

10¢
WEEKLY

*The Radio Authority
of the
Pacific Coast*

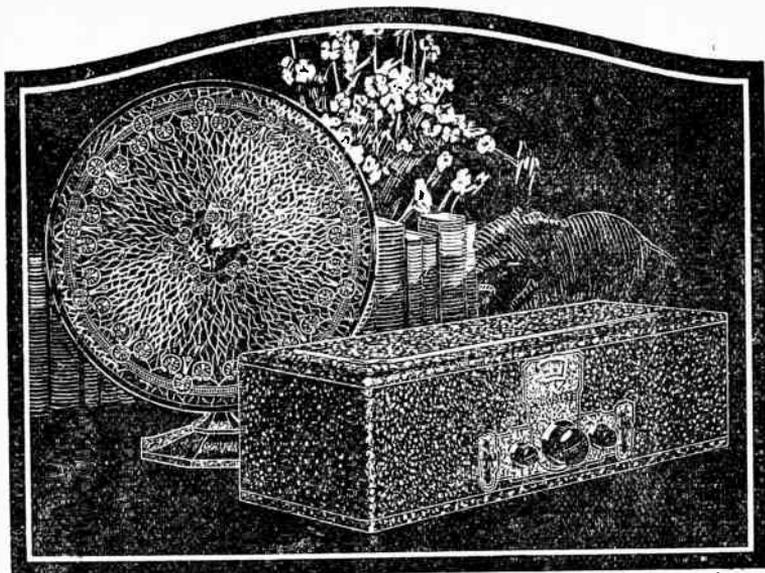


Gladys Johnson, Staff 'Cellist—KGW

Vol. XI

DECEMBER 11-17, 1927

No. 24



"You're There With a Crosley"

The BANDBOX

Battery Type Model \$60.00

A. C. Type Model \$121.00

This season's two big leaders—representing the greatest value per dollar of cost on the radio market today!

The Crosley AC Bandbox with the new alternating current tubes is truly revolutionary, bringing to the radio user an entirely new conception of care-free radio entertainment of the highest standard of performance, and has already proven a tremendous country-wide success!

Both Models Now Available at Your Nearest Crosley Dealer's

WHOLESALE DISTRIBUTORS

BURGESS BATTERIES — CUNNINGHAM TUBES — MAJESTIC
ELIMINATORS—SPLITDORF, KENNEDY, ARGUS RADIO
PEERLESS AND TEMPLE SPEAKERS

*Wholesale
Distributors*

KIERULFF & RAVENSCROFT
RADIO EQUIPMENT

*Wholesale
Distributors*



1630-32 S. Los Angeles St.
LOS ANGELES

121-31 Ninth Street
SAN FRANCISCO

You Can't Realize What It Means to Be "There"
with a

CROSLEY

BAND-BOX RECEIVER

Until you HEAR it! Here are just a few of the many Franchised Dealers who will gladly demonstrate the Crosley Band-Box for you:

LOS ANGELES

South

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

De Hoog Brothers
6120 S. Broadway
THornwall 0224

Downtown

Standard Radio Co.
417 West Pico St.
WEstmore 1560

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

Southwest

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

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

Westlake

Arcade Radio Studio
743¼ S. Alvarado
DRexel 6859

GLENDALE

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

INGLEWOOD

Inglewood Electric Co.
110 S. Market St.
Inglewood 6

LONG BEACH

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

Reliable Radio Shop
208 E. Fourth St.
Long Beach 636-450

MONTEREY PARK

Monterey Park Music
Co.
102 E. Garvey Ave.
Alhambra 1182-M

NORTH HOLLYWOOD

No. Hollywood Music Co.
Langlands & Schade
5317 Lankershim Blvd.
Lankershim 174

PASADENA

Radio Doc
1581 E. Walnut St.
Colorado 1671

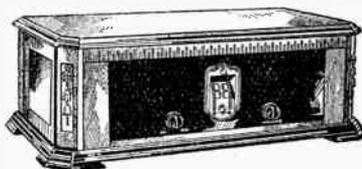
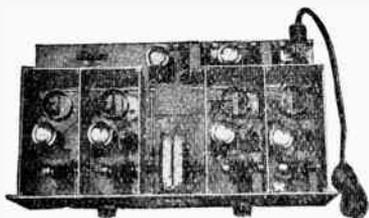
VENICE

Venice Electric Co.
72 Market St.
Santa Monica 62261

"You're *there* with a Crosley"

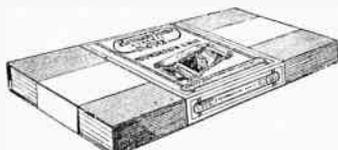
Build the Best!!

Hammarlund
ROBERTS
Hi-Q SIX



Every modern constructional feature is embodied in the new "Hi-Q Six"—steel chassis; heavy aluminum shielding; battery cable and connector; and illuminated drum dial control, which is centrally located for one-hand tuning.

The set employs three stages of highly efficient tuned radio frequency amplification, a non-regenerative detector and two stages of transformer-coupled audio amplification; complete shielding, self-adjusting filament controls, and non-microphonic tube sockets. It is a non-oscillating receiver, with no background noises. Its super-keen selectivity, its remarkable sensitivity, its natural tonal qualities, its stability and its simplicity of operation make it the finest radio instrument available—REGARDLESS OF PRICE!



The Foundation Unit That Makes Building Easy

This is the "Hi-Q Six" Foundation Unit—a steel chassis base, a Westinghouse Bakelite Micarta front panel, four complete aluminum shields, each part accurately drilled and ready to assemble. All special parts, hardware, wire, etc., are included. By following explicit instructions the assembly and wiring is simply and easily completed. Price \$15.50. All approved parts, including Foundation Unit, \$95.80.

Complete Stocks for the Jobber Carried by

HENGER-SELTZER COMPANY

711 East 14th St.
 LOS ANGELES

377 Brannan Street
 SAN FRANCISCO

WEStmore 5258

Radio Doings

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

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

407 E. Pico St., Los Angeles, Cal.
Phone WESTmore 1401

San Francisco Office
CONGER & MOODY
927 Hearst Bldg.

"The Red Book of Radio"

CLOYD MARSHALL, JR.
Editor

K. G. ORMISTON
Technical Editor

H. C. CHARLES

GEORGE W. MARSHALL
Business Manager

MAJ. LAWRENCE MOTT
Associate Editor

Special Representatives
J. S. MILLER

H. G. DAVIS

(Entered as second-class matter, No. 25, 1922, Los Angeles, Cal., Post Office, under Act of March 3, 1897.)
Copyright, 1928, by Horwood Publishing Co.
Issued Weekly. Ten Cents a Copy, Three Dollars a Year. Canada and Foreign Countries, \$3.50 per Year.

Vol. XI Los Angeles DECEMBER 10, 1927 San Francisco No. 24

Contents

	PAGE		PAGE
Editorial—"Interference"	14	Questions and Answers.....	33
Technical Manual—Hammarlund- Roberts Hi-Q 6.....	19	Studio News	34
Topics of the Day.....	21	Channel Frequency List.....	38
Adding RF to the Magnafornier.....	26	DX Schedule	40
DX Club Correspondence.....	31	Time Tables	41-47
		Detailed Programs	50-90
		Trade Notes	93

Announcement!

Due to the entirely unexpected flood of new subscriptions that are still coming in requesting the leatherette binder, we are practically compelled to reopen this popular subscription offer.

With each new yearly subscription sent in on a coupon similar to the one below, an attractively imprinted leatherette binder for keeping the weekly technical manual series will be sent without cost. The series is well worth keeping and the binder worth getting. Send in your subscription now!

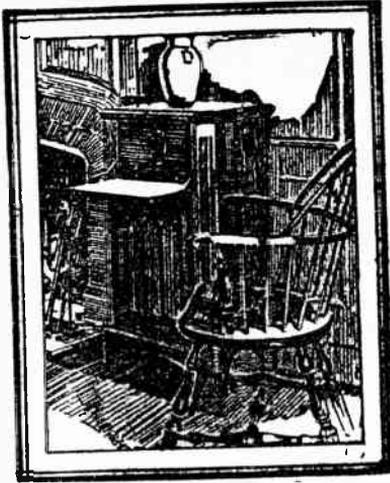
THE PACIFIC COAST'S GREAT RADIO WEEKLY and a Specially Imprinted Leatherette Binder FOR ONLY \$3.00

RADIO DOINGS, 407 East Pico St.,
Los Angeles, California.

Enclosed is \$3.00. Please mail RADIO DOINGS each week for one year to my address, and also send me one of the attractive Manual Binders at once.

Name.....

Address.....



Model 76 Console

BOSCH

Without

Priced from

Many Models

Five, six or seven tube sets, all using the single station selector which insures simplicity of operation.

See Your Nearest

LOS ANGELES

Downtown

Acme Radio Store
709 Main St.
Tucker 1728

Mattern Electric Co.
950 West 12th St.
Atlantic 7009

Southwest

Robinson Radio Shop
46th, cor. Western Ave.
Vermont 6683

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

Radio Electric Shop
1428 W. Santa Barbara
Vermont 7440

Wm. H. Shepherd
4402 Avalon Blvd.
AXridge 6925

Southeast

Manchester Radio Electric
1522 E. Manchester
DElaware 0460

South

Jenkins Radio Shop
8450 South Broadway
THornwall 4460

Hollywood

Bob Lloyd
262 N. Vermont Ave.
Washington 7933

Shepherd's Radio
7562 Sunset Blvd.
GRanite 7482

East Hollywood

Quimby's Radio Service
1860 N. Vermont Ave.
OLympia 5501



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

YALE RADIO

Wholesale Distributor
LOS ANGELES

WEstmore 3351

RADIO A Peer

\$68.50 to \$340

To Choose From

Bosch Sets may be operated direct from the light socket or with batteries or battery eliminators.



Model 57 Console

PASADENA

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

Thomas & Sommerville
41 North Broadway
Terrace 0815

POMONA

Halvorson Electric Shop
274 E. Monterey

SANTA BARBARA

Radio Sales & Service Shop
924 Chapala St.

SANTA PAULA

The Primmer Co.
957 E. Main St.

UPLANDS

Ross Auto Electric Shop
376 Second Ave.

Highland Park

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

West Hollywood

Motley Electric
7761 Santa Monica Blvd.
GLadstone 9602

GLENDALE

Broadway Radio Electric
Willard F. Hellman
202 E. Broadway
GLEndale 3064

HUNTINGTON PARK

P. A. Dougherty
158 South Pacific Ave.
DELaware 4852

OCEAN PARK

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

*“Have You Listened to the Bosch Ambotone
Speaker?”*

ELECTRIC CO.

Bosch Radio Products

CALIFORNIA

1111 WALL STREET



Parts and Accessories

Alco Shielded Coils	Hammarlund Products
Acme Transformers	Hoosick Products
Acme Chargers & B Eliminators	Jefferson Reactivators
Advance Crystals	Jefferson Transformers
Aero Coils	Johnson Chargers
Aero Products	Kingston "B" Eliminators
Aerovox Products	Kodel Products
Air King Transformers	Kroblack Resistors
Alden Mfg. Co. Parts	Kuprox Replacement Units
All-American Mfg. Trans.	Kurz-Kasch Knobs & Dials
All Henry Inductances	Lynch Resistors
Am. Beauty Soldering Irons	McMillan Sets
Amertran Products	Muter Products
Amertran Transformers	Multipoint Crystals
Amperites	Na-ald Adapters
Artco Coils	National Co. Products
Benjamin Brackets	No Korode Soldering Paste
Benjamin Sockets	Polymet Condensers
Birnbach Radio Cable	QRS Tubes
Carborundum Products	Ray-O-Vac Batteries
Carter Products	Raytheon Tubes

ALL-HENRY COILS

CeCo Tubes	Readrite Meters
Centralab High Resistance	Sampson Chokes
Chicago Kester Solder	Samson Transformers
Clarostats	Sangamo Condensers
Crescent Magnet Wire	Sensory Insulators
Crescents Transformers	Silver-Marshall Products
Daven Radio Products	Sterling Products
DeJur Products	Thordarson Chargers
Dubilier Products	Thordarson Transformers
Dudlo Antenna Wire	Tobe Condensers
Eagle Chargers and Eliminators	Trico Fuses
Ebby Binding Posts	Tyrman Drum Dials
Ekko Ground Clamps	Tyrman Shielded Sockets
Elec-Tru-Tone Pickups	United Console Cabinets
Electrad Products	Utah Speakers
Formica Panels	Universal Battery Clips
Freas and Moran Hydrometers	Walbert Isofarad Sets
Fritts Radio Cabinets	Weston Meters, Plugs
Gen-win Coils	Yaxley Products

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

C. C. LAWTON CO.

1125 Wall St.

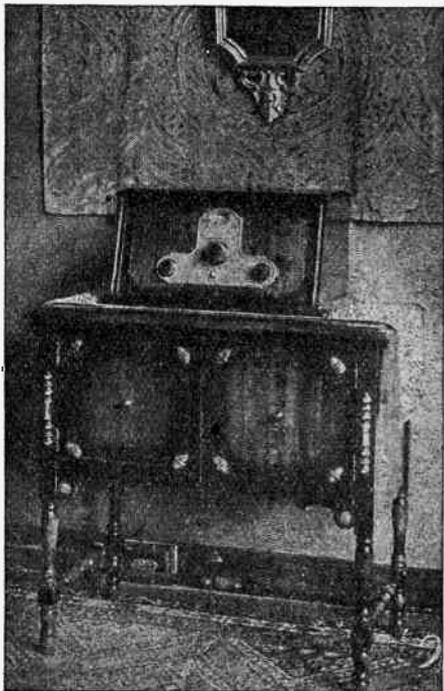
Westmore 3960

Los Angeles

Golden Bear AIR COLUMN SPEAKER

"The Soul of Radio"

Embodying the latest principles of Air Column construction, reproducing both music and voice, with natural tone quality and having a wide range of tone intensity and volume.



Model P

Price

\$50.00

Not a Cone

Designed especially for AC sets. Very few speakers on the market will handle the large volume created by the powerful AC sets.

The Model "D" in either solid walnut or mahogany, equipped with Nathaniel Baldwin "Rival Unit," will handle the output of any of the receivers, either battery or AC operated.

STYLE - INDIVIDUALITY - BEAUTY - CONVENIENCE

GOLDEN BEAR Air Column Speakers are made in 12 sizes, fitting all cabinets, and can be obtained separately to replace your obsolete speaker.

Your set is only as good as your Speaker.

Have the Best—A Golden Bear

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

1145 So. Wall St.

Westmore 4038

Los Angeles

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

DEALERS: Park Next Door at Our Expense

RADIO SUPPLY CO.

WHOLESALE

912-914 S. Broadway

VA. 6063

Los Angeles

New 1928 Catalogue Now Ready—Send for it

LARGEST RADIO PARTS JOBBER WEST OF CHICAGO



Adventurer
\$12.95

Tower Speakers

The Christmas
Gift Beautiful

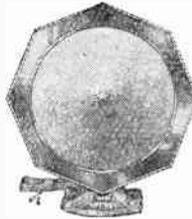


Castle
\$12.95

COMPLETELY revolutionizing present day standards, TOWER offers these five new, brilliantly conceived and executed cones. Select no speaker until you see them!

See Our Window Display

No matter what design meets your fancy — sailing ship or medieval castle, popular drum or octagonal cone — there's a TOWER Speaker of highest quality to delight both eye and ear.



Meistersinger
\$15.00

Each model distinctively different from the usual cone conceptions. Unexcelled in tone quality, producing a richness in tone and faithfulness of reproduction that real music lovers will at once appreciate.

We are completely stocked with the entire line of the world-famous TOWER Speakers.

Prices Shown Are Pacific Coast Prices



Pirate
\$9.75

RADIO SUPPLY CO.

(WHOLESALE)

912-14 South Broadway

LOS ANGELES

*Largest Radio Parts Jobber West
of Chicago*



Model "28"
\$17.50



Ideal Gifts

"STAR"



Heating Pads \$5 to \$10



Flat Iron, 6 lbs., \$3.95

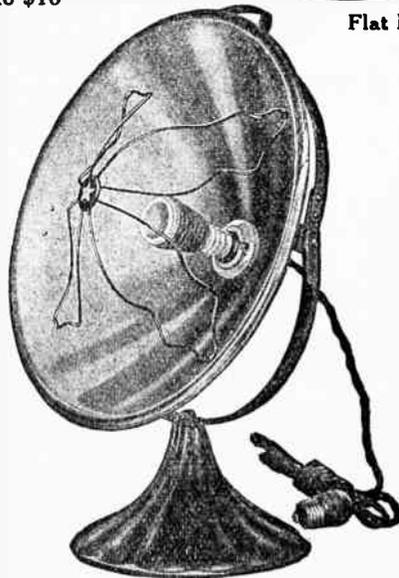
*Other
Presents of
Lasting
Utility*



Marcel Wavers
\$2 to \$3.50

Vibrators
\$5 to \$12.50

Violet Rays
\$12.50 to \$50



Heaters \$6.50

*Exceptional
Values
in Useful
Gifts*



Hair Dryer
\$9.00

Household Motor
\$20.00

Table Grill
\$5.95

Buy From Your Radio and Electrical Dealer

PACIFIC WHOLESALE INC.

WALTER M. FAGAN
PRESIDENT

433 E. 12th St., Cor. Wall, Los Angeles

WEStmore 4358

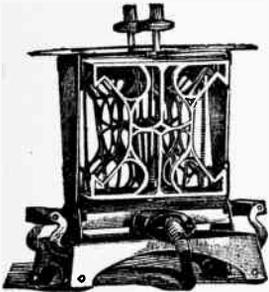
for Christmas - Rite"

*This Beautiful
Urn Set
Includes
Sugar, Creamer
and Tray*



*A Nine Cup
Urn of
Stately Design
A Most
Acceptable Gift*

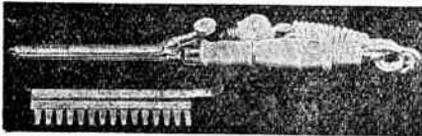
Ambassador Urn Set \$27.50



Toasters \$3 to \$4.50



Waffle Irons \$3.95 to \$10



Curling Irons \$1 to \$3.50

Buy From Your Radio and Electrical Dealer

PACIFIC WHOLESALE INC.
WALTER M. FRIGAN
PRESIDENT

433 E. 12th St., Cor. Wall, Los Angeles

WEstmore 4358

Editorial Comment

Interference

ONE of the greatest hampering influences of radio is man-made static that comes from power lines, trolleys, leaky transformers, X-ray machines, and different kinds of electrical appliances that are not performing efficiently.

The Radio Trades Association of Southern California, a very active organization of radio business men, realizing the harm that this artificial static has done to radio and the annoyance that it has caused the persons who have spent good money for a radio set, has actively come out with a policy of "Elimination of Artificial Interference."

The list of questions appearing on the opposite page was compiled by the representatives of one of the big Eastern power companies and several nationally known radio engineers. This form has been in operation for three years and it has been found to be of the greatest help in clearing away the trouble.

RADIO DOINGS is interested in obtaining for the Radio public interesting programs and good reception, so naturally they are sponsoring the campaign for the elimination of unnecessary interference.

Fill out this questionnaire and send it to the RADIO DOINGS office to be turned over to the Radio Trades Association, and the case will be investigated within a short time after it is received.

The Radio Trades Associations of San Francisco, Portland, Seattle, Salt Lake and Denver are all active organizations and are also vitally interested in the interference problem and will undoubtedly put forth their best efforts in clearing up the nuisances in their respective cities. The questionnaires coming from these cities will be sent to their local Radio Trades Associations or power companies to be taken care of.

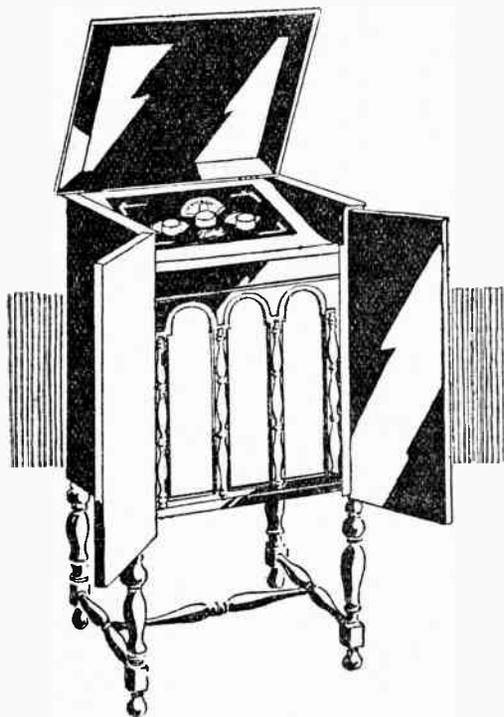
Let us all actively co-operate in the elimination of all unnecessary noises and be rewarded by receiving clear, beautiful programs.

Interference Questionnaire

- 1—Name of receiver.....
Number and type of tubes.....
- 2—Date tubes purchased.....
Last tested or rejuvenated.....
- 3—Do your tubes flicker when tapped gently?.....
Are they tight in sockets.....
- 4—Is your set regenerative?.....
- 5—Have you tightened up all connections both in the receiver and in antenna and ground system?
.....
- 6—Type of batteries used..... A..... B..... C.....
- 7—Date and reading of voltmeter tests of A..... B..... C.....
- 8—To what is your ground wire fastened?.....
Soldered or clamped on?.....
- 9—Height of aerial..... Length..... Is it parallel to other wires?.....
- 10—Is lead-in a separate wire?..... Is it insulated and tightly soldered to antenna?.....
- 11—Is aerial properly insulated from all trees, ground, houses, etc.?.....
- 12—Is it fastened to electric light or telephone poles or does it cross over any wires?.....
- 13—When was disturbance first heard in receiver?.....
- 14—With aerial and ground disconnected and their binding posts connected together with wire,
do you still hear the interference?..... Is it spasmodic or do you hear it at all
hours of the day or night?.....
- 15—Would you describe it as a steady frying noise?.....
- 16—Does rainy weather seem to clear the trouble or increase the volume of the disturbance?
.....
- 17—About what wave length does it come in the loudest?.....
- 18—Does it continue when you pull the lighting switch for your whole house?.....
- 19—Have you checked the sockets, switches and other connections and fixtures in your home to
see if they are loose?.....
- 20—Do you or does anyone in your neighborhood operate an oil burning furnace, heating pad,
small motors, violet-ray machine or other appliances?.....
If so, please give their names and addresses below.....
.....
.....
- 21—Have you checked up to see if turning on and off any electrically operated appliances in your
own home or your neighbors would affect the disturbance?.....
- 22—Have any of your neighbors heard the same disturbing sounds in their receivers?.....
Give any other information which you think might be of assistance in tracing interference.
- Name.....
- Address.....
- City.....

Selling Faster

Each Week



BECAUSE the Falck is the one *moderate-priced* receiving set that operates perfectly from the house lighting circuit, without batteries or chargers of any kind.

Because of the Falck's simplified single dial control and fool-proof construction. Impossible to burn out tubes.

Because of the Falck's tone qualities—unsurpassed by the highest-priced sets.

Because of the Falck's expensive-looking console cabinet enclosing all parts, including built-in cone speaker.

See and hear it!

**ADVANCE ELECTRIC
COMPANY**
1260 West Second St.
Los Angeles

\$150

Complete

At any authorized dealer

The Falck

NO BATTERY RADIO

December 10

Here Are Just a Few of

The Falck

No-Battery Radio Dealers Who
Will Gladly Demonstrate
for You:

LOS ANGELES

Hollywood

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

South-Southwest

West States Electric Co.
4751 S. Broadway
AXridge 2786

Southwest

Electric Radio Sales Co.
2761 W. Pico
BEacon 0826

Monarch Radio Co.
2189 W. Washington
EMpire 3268

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

South Western Avenue District

Woods Hardware
8215 S. Western
THornwall 2895

West Adams District

H. H. Walker
1323 Venice Blvd.
BEacon 1311

LONG BEACH

Rialto Radio
430 American Ave.
Long Beach 653-171



This Book Will Save You \$100 Shows you how to have a CUSTOM-BUILT Set at Low Cost

This 48-page Construction Manual is the most complete book of its kind ever issued—describes with text, charts, diagrams and photos every detail in building the “Hi-Q SIX”—the CUSTOM-BUILT Receiver that is built with America’s finest parts—the receiver that gives CUSTOM-BUILT results and saves you at least \$100.00 over finest factory-assembled sets!

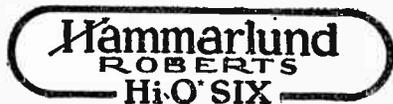
The advanced “Hi-Q SIX” incorporates every modern feature—four completely isolated tuning stages, automatic variable coupling, symphonic transformers and power tube. Assures even and maximum amplification on all wave lengths; super sensitivity; knife-like selectivity and tonal quality that is an actual revelation.

Complete parts cost only \$95.80; construction surprisingly easy; results are startling in quality. Ask your dealer for the “Hi-Q SIX” Construction Manual or send 25 cents direct.

Associate Manufacturers

Samson Electric Co.
Hammarlund Mfg. Co.
Sangamo Elec. Co.
Carter Radio Co.
Yaxley Mfg. Co.
H. H. Eby Mfg. Co.

Benjamin Elec. Mfg. Co.
Acme Wire Co. (Parvult)
International Resistance
Co. (Durham Resistors)
Radiall Co. (Amperite)
Westinghouse Micarta



Hammarlund-Roberts, Inc.

1182 Broadway, Dept. P New York City

Essential for All
DX Reception

CeCo "H"

Hard Detector

The most Famous Detector
Tube in the World

Non-Microphonic

Non-Critical

*Absolutely Quiet
Background*

Perfect Stability

*High Input Im-
pedance*

Sharp Tuning

*High Mutual
Conductance*

Maximum Sensitivity

Price \$2.50

Pacific Coast Representatives

B. KRUGER & CO.

500 N. Huntley Drive, West Hollywood

Phone OX. 3897

Sherman P. O.

Before Xmas
**Special
Offer**



Special
\$147.50
Complete

This All-Electric McMillan,
using 5 new AC tubes; beau-
tiful mahogany console.

Place your order early to
assure prompt delivery.

Convenient Terms Arranged

**UNITED RADIO
STORE**

814 S. Olive, Los Angeles. ME. 7832

COPYRIGHT 1927
BY
THE MORWOOD
PUBLISHING CO.

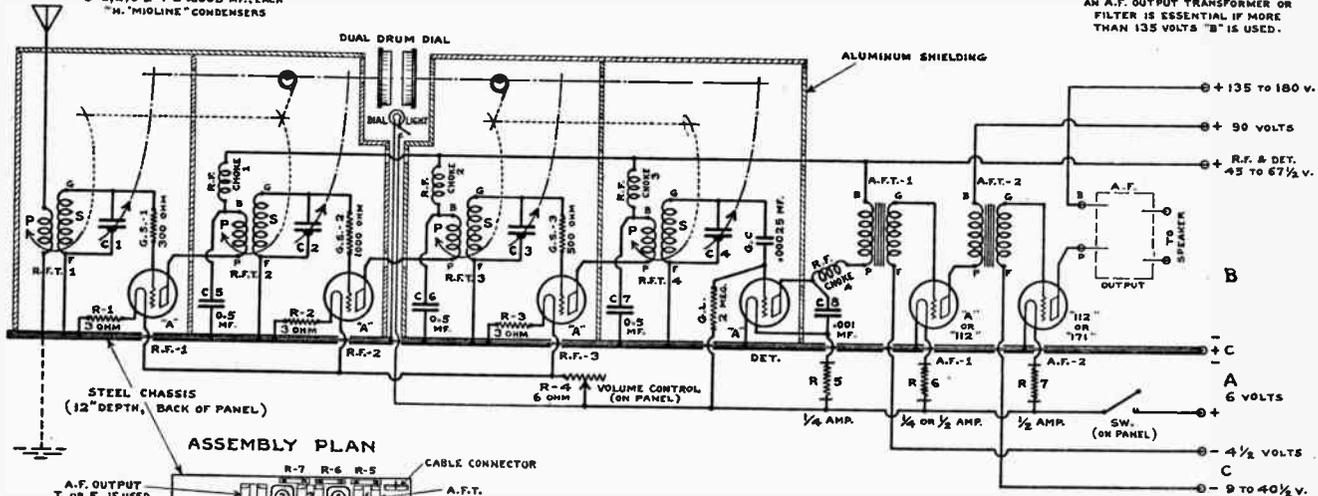
Hammarlund ROBERTS Hi-Q SIX

Radio Doings
TECHNICAL MANUAL

RADIO DOINGS' TECHNICAL MANUAL

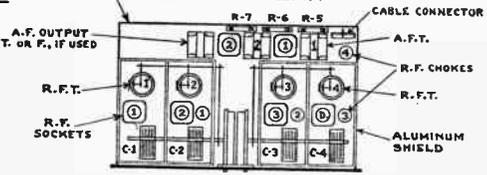
R.F.Ts.-1,2,3,4
"HAMMARLUND "AUTO-COUPLE" COILS.
"P-S" COUPLING IS AUTOMATICALLY VARIED BY
CAM & LEVER ACTION FROM THE TUNING CONTROLS.
C-1, 2, 3 & 4 = .0005 MF. EACH
"H. "MIGLINE" CONDENSERS

AN A.F. OUTPUT TRANSFORMER OR
FILTER IS ESSENTIAL IF MORE
THAN 135 VOLTS "B" IS USED.



STEEL CHASSIS
(12" DEPTH, BACK OF PANEL)

ASSEMBLY PLAN



PANEL 7" x 21"



DECEMBER
10
1927
JEMEAD - LOS ANGELES

Hammarlund-Roberts Hi-Q Six

A six-tube receiver incorporating three stages of tuned RF amplification, detector and two stages of transformer coupled audio. The RF stages and detector are individually shielded. The first two RF stages are ganged on one drum dial control and the third RF stage and detector are ganged on the second drum dial.

The outstanding feature is the means of mechanically varying the coupling between primary and secondary of each RF transformer as the frequency is varied by movement of the tuning condensers. This is accomplished by means of a cam on the condenser shaft and lever arms, which carry the movable primary coils. As the frequency is lowered by movement of the condenser plates, the primary windings move closer to the secondaries, thereby providing a uniform energy transfer over the tuning range.

Oscillation is controlled by inserting resistance in series with the grid leads of the three RF tubes; 300 ohms are placed in the first grid circuit, 1,000 ohms in the second and 500 in the third. This prevents oscillations being set up in the RF amplifier. Volume control is by filament rheostat in the RF circuits. A small resistance unit in each RF filament circuit prevents the application of too high a voltage on the RF tubes.

There is an RF choke coil in the "B" supply lead to the detector and the three tubes which precede it, and suitable by-pass condensers are provided in connection therewith. The circuit is thus rendered stable and free from unwanted feed-back effects.

Two stages of transformer coupled audio amplification follow the detector. Provision is made for the use of power tube in the last stage with proper grid biasing. Both tubes operate through filament ballast resistors (Amperites).

An output filter or transformer should be provided when power tube is used. Wiring is materially simplified by grounding the negative "A," "B" and positive "C" to the metal base.

It is a quality job throughout, every part used being of the best obtainable. For the fan who wants a custom-built two-dial, 6-tube receiver, there is no finer kit available.

On the reverse side of this page is shown the schematic wiring diagram, panel layout and assembly plan. The simplicity of the panel controls, symmetrical arrangement of the units and ease of wiring will appeal to the man who "builds his own."

PARTS LIST FOR "HI-Q SIX"

- 1—Samson Symphonic transformer
- 1—Samson type HW-A3 transformer (3-1 ratio)
- 4—Hammarlund .0005 mfd. Midline condensers
- 4—Hammarlund "Hi-Q Six" Auto Couple Coils
- 4—Hammarlund Type RFC-85 radio frequency chokes
- 1—Hammarlund illuminated drum dial
- 1—Sangamo .00025 mfd. mica fixed condenser
- 1—Sangamo .001 mfd. mica fixed condenser
- 1—Pr. of Sangamo grid leak clips
- 1—Carter IR-6 "Imp" rheostat, 6 ohms
- 1—No. 2-A Carter "Imp" battery switch
- 1—Durham metallized resistor, 2 megohms
- 3—Acme Parvoit 1/2 mfd. series A by-pass condensers
- 6—Benjamin No. 9040 sockets
- 3—Eby engraved binding posts
- 2—Amperites, No. 1-A
- 1—Amperite No. 112
- 1—Yaxley No. 860 cable connector and cable
- 1—Hammarlund-Roberts "Hi-Q Six" foundation unit

Listen—Technical Readers!

Just compare the diagram on the previous page with any Hammarlund-Roberts circuit diagram in any other publication. Compare ANY of our diagrams which are given each week on the loose-leaf page with ANY diagram in ANY magazine! We believe that Radio Doings is giving you the most readable prints of radio circuits ever prepared. These pages, removed from Radio Doings and preserved in a loose-leaf binder, constitute a Technical Manual of radio circuits and information which is valuable to you if you are interested in what works behind the panel.

Radio Topics of the Day

A Weekly Review of Radio News, Thought and Opinion

BULLARD SUCCESSOR SELECTION DIFFICULT

WASHINGTON.—A number of elements combine to make the selection of a successor to Rear Admiral Bullard, late chairman of the Federal Radio Commission, difficult. In making this President Coolidge must find a man with the following qualifications: The new commissioner must be an actual resident of Pennsylvania, Virginia, West Virginia, Ohio, Michigan, or Kentucky.

Likewise, he must be a Republican, and last but not most difficult of all, it would seem in this case to be essential for the new man to have some technical or practical knowledge of radio. The men who come nearest to this now on the commission are O. H. Caldwell, who is an electrical engineer, and formerly editor of "Radio Retailing," and Sam Pickard, who was in charge of the U. S. Department of Agriculture radio service.

Judge Sykes, who is the lawyer member of the commission—and who, by the way, has proved himself a most valuable member—and Harold A. Lafount, the new commissioner from Salt Lake City, admittedly know nothing about the practical side of radio. In the beginning there were three commissioners of unquestioned technical ability—Admiral Bullard, the Navy's best man, and a world authority on the subject; Col. John F. Dillon, of San Francisco, one of the veteran radio supervisors of the country, and H. A. Bellows, the man who brought Station WCCO at Minne-

apolis up to its present high standard.

With Bellows resigned and Bullard and Dillon both dead, the commission has been terribly weakened from a technical standpoint.

President Must Act at Once

Quite another problem which the President must face in naming the new commissioner, aside from the fact that these commissionerships are now becoming looked upon as man-killing propositions, is the necessity on the one hand of appointing a chairman quickly, so in case Congress does not see fit to continue the life of the commission, it may do as much work as possible before March 15, when its life automatically expires unless Congress acts to prolong it.

On the other hand, the President is faced with the situation that many otherwise available candidates who would be glad to accept a \$10,000 commissionership will now be shy of it because if the commission becomes an appellate body March 15, and as the law now stands, from that date on their salary becomes a \$30 per diem proposition and they only get paid for their actual days of meeting.

Altogether the appointment is one of the most perplexing that the President has had to make, and the outcome will be anxiously awaited by the radio listeners of the country.

Radio exports are beginning to appear more largely in our export statistics to the Oriental countries, Dr. Julius Klein, director of the Bureau of Foreign and Domestic Commerce, said recently.



Sonora
CLEAR AS A BELL
RADIO-GRAMPHONES

DeLuxe Highboy

For those who have not seen and heard the new Sonora Selective Six, a positive revelation awaits them—extreme selectivity—deep, resonant tone, single dial control, speaker built in an exquisite walnut cabinet. Never before in the history of radio has a set been produced with such variety of outstanding features.

The Progressive Dealer in every community will be glad to arrange a demonstration in your home.

Six beautiful models,
 "A.C." and Socket
 Power Equipt,
 \$69.50 to
 \$375.00

In Southern California Sonora is distributed by Western Radio, Inc., 1224 Wall St. Phone WEstmore 3338 for Information.

New Alhambra Radio Store Prosper

Harper's Radio is a first-class example of the modern up-to-date radio retail store. Mr. Frank Harper, the owner, reports that business is exceptionally good despite the fact that his place of business has been opened scarcely more than a month.

Superior store and delivery service is largely responsible for this promis-



ing success. An attractive stock of popular radio receivers and standard parts is carried at all times.

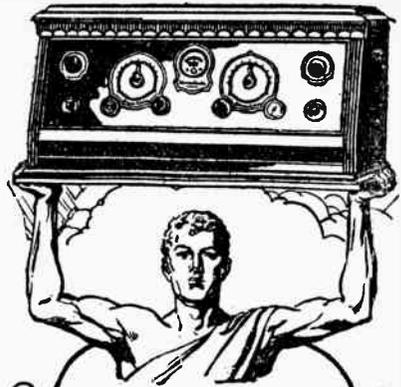
Mr. Harper invites radio users who are in difficulty to call Alhambra 5005 or stop in the store at Valley Boulevard at Wilson, Alhambra, and they can be assured of skilled attention.

IMPROVED TURN-IT GRID LEAK



Variable Grid Leak (Non-Evaporating)
.5 to 12 Megohms.....\$1.00

Made by
GARDINER & HEPBURN, Inc.
611 Widener Bldg., Philadelphia, Pa.
Factory Agent
Lombard J. Smith, 324 N. San Pedro Street
Los Angeles, Cal.



There is nothing finer than a Stromberg-Carlson

Nothing in radio is more outwardly beautiful than a Stromberg-Carlson. Nothing is more finely built, of better materials or more accurate in inward construction. And—nothing is more efficient, more durable nor designed with greater knowledge.

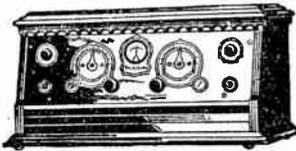
Distributed in
Arizona and Southern California

Western Radio
INCORPORATED
CALIFORNIA
DISTRIBUTORS OF
NATIONALLY ADVERTISED RADIO
MERCHANDISE

Your Old Receiver is not a DEAD LOSS!

Why not find out how
much we'll allow for
it to apply on a

Stromberg-Carlson



No. 523
A. C. STROMBERG-CARLSON
Price, with Audio-Power Unit and 8
R. C. A. Tubes . . . \$295.00

We can make you a liberal offer because we have no "used set" problem on our own Stromberg-Carlsons. They have permanent value.

Our purchase arrangements are also liberal because of the New Stromberg-Carlson financing plan. Learn about it before buying.

Authorized
STROMBERG-CARLSON
Dealer

Donnels Music Co.
3831 Wilshire Blvd.
Washington 4095
Los Angeles, California

Jensen Develops Outstanding Loud Speaker

Among the recent outstanding developments in the loud speaker field is the Jensen. It is of the dynamic type; that is, the usual permanent magnets are replaced by an electro-magnet, and the cone is actuated by the movement of a free floating coil of low resistance mounted in the electromagnetic field. This coil is connected to the output of the radio receiver through an output transformer which is a part of the speaker itself. No other output device should be used.

The electromagnets of the speaker are connected to a 6-volt battery, and draw a current of about half an ampere. The speaker is capable of handling very great volume without distortion and has that very pleasing quality which only a power cone can give. The Jensen, though comparatively new, has already taken its position among the finest speakers obtainable.

A Good 3-Tuber

J. T. Roffy's latest development, the "Superfine 3-Tube Circuit," is drawing much favorable comment from the fans this season. It is difficult to believe that such an apparently simple and inexpensive receiver can be so selective and deliver such tone quality. But Mr. Roffy "knows his stuff," having been one of the pioneers in radio. During his service as a designing engineer with Gilfillan and other manufacturers, he turned out many successful circuits; in fact, he estimates that there are at present 22,000 sets in operation built according to his blue prints.

See Page 94 for the Answer
to the
Christmas Problem

VELVETONE

REPAIRS AND SUPPLIES

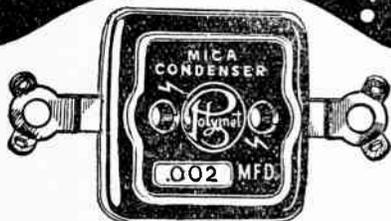
RADIO MFG. & REPAIR CO.

1301 W. Jefferson Los Angeles, Calif.

Telephone BEacon 1264

Send for Price List and Shipping Instructions

Accurate Constant!



Polymet Bakelite Mica Condensers

Every Polymet Mica Condenser is individually tested for accuracy and high voltage break down. They are not affected by heat, cold, moisture or atmospheric changes. Polymet Mica Condensers are standard equipment with a majority of the nationally known set manufacturers and are specified in the leading popular circuits. Follow the leaders. Use the best—POLYMET.

At All Dealers

Write for complete information regarding Polymet parts and all Polymet radio essentials.

POLYMET MANUFACTURING CORP.

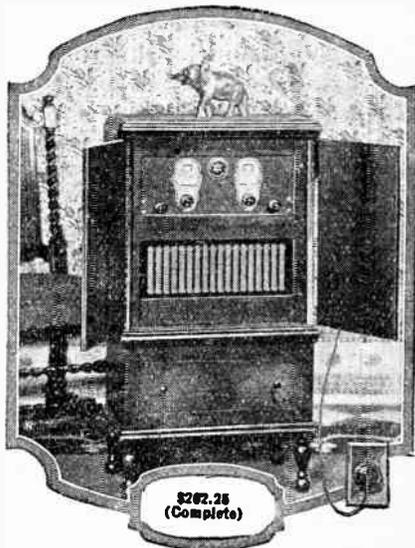
595 Broadway, New York

POLYMET

Steinite

(Licensed by R. C. A.)

America's Lowest Priced, Most Popular Electric Radio



Hi-boy console of beautiful solid mahogany, with built-in air column speaker having Nathaniel Baldwin unit. The doors swing back entirely out of the way when receiver is not in use.

No Batteries—All Electric

The Steinite line of receivers have six tubes, three stages of tuned radio frequency. Illuminated two-dial control. Genuine solid Philippine mahogany cabinets. Duco finish throughout.

All models come to you in one single unit **READY TO GO** the instant you plug into the light socket.

*The Dealer nearest you will
enjoy demonstrating this
modern radio set to you.*

National Radio & Supply Co.

141 W. Washington St.

WE. 2748

Los Angeles

Adding RF to the Magnaformer

By K. G. ORMISTON

Laboratory experiments with the Magnaformer 9-8 have resulted in the development of a circuit which is essentially the same as the regular set with the addition of two stages of radio frequency amplification ahead of the first detector.

The test set used ten tubes, comprising two RF tubes, first detector, three stages of intermediate frequency, second detector and two stages of audio. It was designed for use with either the standard loop or a small antenna. In a location where the noise level permits, this set will give tremendous volume on the eastern stations, and preserve the

selectivity to a highly satisfactory degree.

On test the new ten-tube combination brought in WLW, Cincinnati; WTAM, Cleveland, WGY, Schnectady, and five of the Chicago stations with volume too great for comfort. The RF stages block radiation from the set oscillator, which normally is coupled directly to the loop circuit, and this is something to consider with so many super-heterodynes in use. Any move which keeps set whistles off the air is worth while.

The RF unit was especially designated to work with the Magnaformer circuit. A three-gang condenser tunes the RF unit, so that there are still but the two major tuning controls. The RF stages are non oscillating. An adjustment permits of compensating for variations in antenna size. There is no change in the main panel layout. In next week's issue the wiring diagram and assembly plan will be given, together with constructional details and further report on the performance of the set. The RF stages seem to lift weak signals above the noise level and feed 'em to the detector, where they would otherwise be totally submerged by static in the standard set.

The added range is accomplished without sacrifice in selectivity, as it was possible to bring in WGY midway between KGO and KNRC on the dials. Incidentally this is a good test for selectivity on any set located near either of the two California stations.

A simple switching arrangement changes the set from 10 tubes to a 5 tube tuned RF set, one dial control. The lady of the house can thereby have the simplicity of single dial control and highly efficient 5 tube performance, while the ten tube combination is always available for the utmost in DX range, selectivity and volume.



The Gift of Gifts for the Set Owner

Makes radio more convenient because it handles the switching of the trickle charger and B eliminator automatically.

Better reception and greater satisfaction are assured. The A battery is charging when the set is not in use. It is always ready with plenty of kick when the set is turned on. The B eliminator is on only when the set is in use; the tubes last longer, give better service and there is no waste of power.

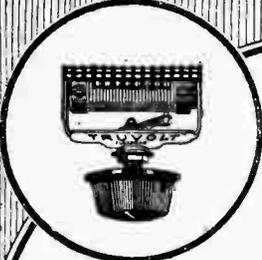
No. 444 - Series Type - \$5.00

YAXLEY MFG. COMPANY
 4 So. Clinton St. Chicago

Factory Representatives
HENGER-SELTZER CO.

411 E. 14th St.
 Los Angeles

377 Brannan St.
 San Francisco



Superior!

TRUVOLT

AN ALL WIRE VARIABLE VOLTAGE CONTROL

Unsurpassed for B-Eliminators and power devices. Kept cool by air, this unit does not break down.

(1) Made entirely of wire; permanently accurate; lasts indefinitely. (2) Potentiometer control; positive metallic contact. (3) Ni-chrome wire resistance—very low temperature coefficient.

Eight stock types with resistance up to 50,000 ohms. All rated at 25 watts. List \$3.50 each. Also full line of fixed wire resistances.

Write for Free Resistance Circular.
"This is an Eliminator Year")

Pacific Coast Representatives:
UNIVERSAL AGENCIES
Los Angeles San Francisco Seattle
905 Mission St.

ELECTRAD

176 Varick St., New York, N. Y.

Official MAGNAFORMER LABORATORY

The Magnaformer, Wired,
Tested and Guaranteed,
\$150.00.

We Will Test, Assemble
and Wire Your Kit for **\$35.00.**

Our Workmanship is in a
Class by Itself.

LAB. OF RADIO STANDARDS

E. K. HAYES
2408 W. Vernon, Los Angeles, Cal.
VERmont 6543

Faithful Service

The function of a power resistance is to control voltage and current—accurately—permanently—silently.

AEROVOX PYROHMS used with GOOD equipment make a BETTER power unit.

AEROVOX PYROHMS are built to last—are used by more than 20 leading power unit manufacturers.—This is conclusive evidence of their reliability—accuracy—worthiness.

Made in all values of resistance for continuous duty at 20, 40, 100 and 200 watts.

AEROVOX

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

Aerovox Condensers
are exclusively specified
for the

Magnaformer

9-8 Circuit



Stock Carried In
Los Angeles Office
W. S. HITT CO.
324 N. San Pedro St.

Magnaformer 9-8

Commander-in-chief of the Air

A LADY FAN ENTERS THE RING!

708 Mortimer Ave.,
Huntington Park, Calif.

Dear Mr. Scott:

My sympathies are with you in your argument with Mr. Ormiston, so I am hoping my Magnaformer testimonial will help you. While I haven't tried to go West on a DX fishing excursion, I think I am doing very well toward the East. Saturday evening I tuned in WKAQ, Porto Rico; good volume and clarity, with three witnesses present; also PWX, KDKA, CYK, CYJ, KOIL, KMA, WLS, WJBT, WSM, WJR, WCCO, KVOO, KWSC, KTHS, KMOX, KOB, KWKH, and many others. I like the Magnaformer because one can bring in many distant stations with all our locals on the air. Here is another one that may worry Mr. O.—KFUM, Colorado Springs, at 8 o'clock in the morning! I did it!

Sincerely yours,

(Mrs.) STELLA D. CUMMINS.

Wholesale Distributors

YALE RADIO ELECTRIC CO.
1111 Wall St., Los Angeles

RADIO SUPPLY
912-14 S. Broadway, Los Angeles

SUNSET ELECTRIC CO.
1141 First St., San Diego

COAST RADIO SUPPLY CO.
648 Howard St., San Francisco

WILLIAMS & KLENTZ
Santa Ana, Calif.

SCOTT SALES CO.

Factory Agents

443 S. San Pedro St.

VA. 3297

Los Angeles

Manufactured by Radiart Laboratories, 19 S. LaSalle St., Chicago

A True Bedtime Story

Here is a real bedtime story with a kick.

G. Allison Phelps, the Radio Philosopher, Manager of KMTR, and night announcer, recently suffered an injury to his right knee that caused a serious swelling.

"Your knee-cap is floating in water," his physician informed him, "and you'll have to go to bed."

"Let her float," G. Allison replied, "I can't go to bed."

But the knee steadily grew worse, and the doctor finally found it necessary to incise the entire limb in a plaster-of-paris cast. As soon as Mr. Phelps

tronic 13-C Amplifier and with the co-operation of the members of the staff of the artists of KMTR, Mr. Phelps is now directing the night programs of KMTR from his bed, miles from the main studio where the artists broadcast. And unless you were told about it you wouldn't know the difference. Everything sounds "as usual."

In a small lounging room adjoining the main studio of KMTR a loud speaker has been placed through which the artists are able to hear Mr. Phelps announce. As soon as he concludes an announcement the operator in the operating room switches from the microphone in Mr. Phelps' bedroom to the mi-



Phelps on the Air—Supported by a Splendid "Cast"

had been taken home from the Hollywood Hospital and made as comfortable as possible in his own bed, he called Forbes W. Van Why, chief engineer of KMTR, on the telephone.

"Van," he said, "you can be knocked down any number of times, but you are never out until you, yourself, admit it. I may be down, but I'm not out. I want you to have the telephone company install a loop between KMTR and my bedroom. I'm going to continue to announce the night programs by remote control."

"O. K.," replied Van Why, "I see plainly that the water is really on the knee and not on the brain."

So, with the use of a Western Elec-

crophones in the studio and the artists start playing. Mr. Phelps listens to their work through a loud speaker, and the instant a number is finished, the operator switches back to Mr. Phelps, where, comfortably reclining in bed and surrounded by his wife and three little girls, he makes his next announcement.

"I have never liked radio work, because it has taken my husband away from home so much nights," Mrs. Phelps declared, "but now the problem has been solved. I never expect G. Allison to leave the house again at night."

"Humph!" grunted Mr. Phelps, philosophically, as he stared woefully at his plaster-of-paris leg—"now I have put my foot in it!"

BT Counterphase 8—World's Greatest Radio—Sold with a Distance Guarantee. H. A. Everest, 1032 North Ogden Dr. Granite 9915.



for the
Top Peak
of performance

Gold Seal Radio Tubes

FOR that extra clearness, that added fullness of volume, and longer service without replacements, even the finest receiving set needs the best of tubes.

The Gold Seal mark on a tube is the guarantee of a company with great resources keeping faith with you to give you the fullest measure of satisfaction.

*All
Standard
Types*

Manufactured by
GOLD SEAL
ELECTRICAL CO.
Incorporated
250 Park Ave. New York

WESTERN LIGHT & FIXTURE CO.

301 So. Los Angeles St.

Los Angeles, Calif.

*"Money can't buy better
Radio Tubes than Gold Seal"*



Through the courtesy of the Gold Seal Electrical Company of 250 Park Avenue, New York, two prizes are offered each week for the best letters to the DX Club. The first prize consists of two Gold Seal tubes. The prize winner may have his choice of one power tube of either type and one tube of either the 199 or 201A type. The second prize is one Gold Seal tube of either the 199 or 201A type. It is not always the big expensive set with the longest list of DX that wins—everybody has a chance.

FIRST PRIZE

DX Club:

Reckon as how I'll have a shot at those free Gold Seal tubes. I wanted to state my purpose in writing, right off the bat, so that I may not be accused by jealous ones of boasting for the glory therein.

A month ago I purchased one of the old Radiolas—a two-tube, head phone set (Radiola 111), paying five "shekels" for the bare set. The completed set, including aerial and everything that I am now using, set me back about twenty "berries," and those twenty "berries," by the way, have turned out to be anything but "razz berries," as I never got more for my dough anytime, anywhere. To get on with my delightful tale:

I live on a homestead, five miles by air line, to the nearest telephone line or to any other thing that might gum up the air. Here are a few of my most DXest stations: WBAP, WDAF, WLS, WLIB, WSM, WOAI, WBBM, KFEQ, WORD, KFNF, WHO, KMOX, KDKA, and KOCW, a 250-watt station at Chickasha, Oklahoma. I have taken these stations from my log which, for the most part, I have made up of stations whose programs come in clearly enough to be enjoyable. Many stations of the DX type I have not listed at all, among which is CNRV and others. I get all the coast stations at will. I am enclosing a copy of my log—one which I have made up more for good programs than for DX.

I don't know what kind of tubes my set requires, but don't think that a 201-A will do me any good, but if I win them, I can use 'em.

"BILL" MORROW,
Box 363, Romany Ranch,
Williams, Arizona.

SECOND PRIZE

DX Club:

I am a DX hound, and am using a 5-tube Valley Tone Radio.

I started in at 9:30 p. m., to 4:30 a. m., 7 hours of continuous tuning. I use CeCo tubes, they give good tone, and are whizzdingers for distance.

I'm sending you my list. I hope you have room for it. All 46 stations came in on load speaker.

KYA, KOA, WBBM, KFVI, KGW, KMA, KFNF, KZR-2, KHQ, KSL, KWKH, KMO, KLZ, WEAN, WEAJ, 2YK, CFAF, KFSD, KOB, KEQU, KQW, KFAD, KPO, 3LO, KOMO, KTAB, KLX, WSWs, KDKA, KOWW, KFXF, JOCK, CNRV, KFOA, KOIN, KFWM, KMOX, KFWM, KSMR, KGO, KFBU, KFRC, KJR, WLIB, KMA, KDYL.

Believe me, I'm going to buy this set. Let's hear from some more Valley Tone owners. I'm signing off.

HARRY WARD, JR.,
263 Ximeno Ave.,
Long Beach, Calif.

DX Club:

Well, DX weather is here again, and "us" hounds may as well make the most of it. Have a five-tube Sonora for the last three years, and it still is going strong. So far I have had 227 stations, all verified by either letter or stamp. My log is as follows:

16 stations outside of U. S.
27 east of the Mississippi river.
141 west of the Mississippi river.
19 Chicago stations.
Am waiting for verification from
JOAK, JOBK, 4QG, 1YA.

Yours truly,
A. R. SADLER,
Box 115,
Point Loma, Calif.

BT Counterphase 8—World's Greatest Radio—Sold with a Distance Guarantee. H. A. Everest, 1032 North Ogden Dr. Granite 9915.

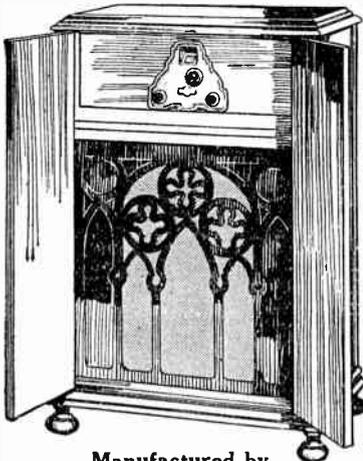


ELECTRIC RECEIVER

So Fine! — and So Convenient!

REVOLUTIONARY CONVENIENCE is the high-note of this Radio Season. Radio pleasure in your home can be as carefree as electric light.

Howard Radio ELECTRIC is the supreme example, for these wonderful sets are operated directly from the lighting circuit of the home. Intermediary batteries have been done away with. No charger is required. The new R.C.A. and Cunningham "AC" Tubes have made this possible. The Howard Radio ELECTRIC circuit has made it wonderfully practical. In table and console models, reasonably priced, the new Howard is Radio of the utmost refinement. Charming in design and craftsmanship. Amazingly wonderful in its rich, mellow reproduction of tone.



Manufactured by
HOWARD RADIO CO.
Chicago, Ill.

Price \$415.00

Distributed by

Howard Radio Distributing Co., Inc.
1236 Maple Ave. WESTmore 2543 Los Angeles, Calif.
Formerly at 6229 Banner Place

No Power Problem—Simply plug into the lighting circuit of your home at any socket supplying 110 volts, 60 cycle, alternating current.

No "Fussing"—No acids—No batteries to run down—No charger—No unsightly connecting wires.

Compact, Easy to Install—Just like plugging in your electric floor lamp—"Installation" of a Howard requires about Thirty Seconds!

Easy and Inexpensive to Operate—Single Dial Control—costs about 45 cents a month to operate five hours a day!

Think of the comfort—the convenience—the care-free pleasure this Radio holds for you!

? Questions and Answers ?

A Weekly Department Conducted by K. G. Ormlston, I.R.E.

QUESTION.—Just another request for a silent night in Southern California. We cannot all possess high priced sets nor afford to throw away our present equipment. The writer has an old Model 20 Atwater Kent, 5 tubes, Gosilco aerial and Preston ground. Last night, between 7 and 8:30, I had KDKA, KOIL, KWSC, KWKH, PWX and WBAP. Between 10 and 11:30, CNRV, KMOX, KOMO, WIBO, WLIB, KFOA and 3XN. All on loud speaker.

My weakest point seems to be the RF end, where I would like more selectivity. Would the use of an Isolator, as advertised in Radio Doings, give me sharper tuning? With a silent night once a week we could dial many more Eastern stations.

ALEX PETTEBONE,
Pacoima, Cal.

ANSWER.—You are very much better off than thousands of others who live very much closer to the locals with the same selectivity. Your DX list is good and any means of increasing the selectivity without sacrifice in sensitivity and volume will, of course, bring you additional distant stations. Yes, the Isolator will materially increase your selectivity and would be a worthwhile addition to your present equipment.

Regarding the silent night proposition: It is doubtful if this will ever come to pass. There are two sides to the question, and we must not overlook the fact that the broadcasters as a majority do not derive any income from the sale of radio apparatus, but rather from the sale of their time on the air to advertisers. They have so many hours in which to do business, and giv-

ing up one night a week would materially cut into the revenue. If you were the proprietor of a grocery store, for example, you would probably not take very favorably to the idea of closing up shop one-seventh of your business hours, particularly so, if that one-seventh represented a loss in business which you could not possibly crowd into the other six-sevenths.

In other words, most of our broadcast stations are now running at a loss to the owners, and to cut into their revenue would seriously cripple them. The average set owner seems to have the opinion that when he buys a radio set, all broadcast stations promptly become under obligation to him. Such would be the case if the manufacturers of radio sets operated the broadcast stations, but only a very few stations are so operated.

QUESTION.—I have read announcement of the RCA of a new tube development, the tube having four elements instead of the usual three. What will be the particular function of this tube and what will be its effect upon present set design?—J. H. M., Pasadena.

ANSWER.—This is just another case of the normal, natural progress to be expected, and is not a "startling, revolutionary bombshell that will upset the industry." England has had four element tubes for many years; that is, tubes with double grids. The experimental work constantly going on in the research laboratories of the country will surely give us a constant improvement, but the industry has passed the stage

(Continued on Page 92)

CROSLEY SPECIALISTS

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



By AUDREY DAVIS

An organization that took KNX by storm and is continuing to be the outstanding feature of the air is known as the Crockett's Cowboys. This quartet, composed of a father and four sons, dropped in off the range from near Fresno and with their plaintive refrains and catchy tunes captured the listening audience.

The group enter the studio with tennegallon hats and chaps and the atmosphere is truly of the cowboy nature. The motorman type hair-cut seems to prevail among the quintet.

Mr. Glen Dolberg and Paul Kepner are the latest additions to the staff of KHJ. Mr. Dolberg is the associate manager and comes from KEX, Portland, while Mr. Kepner is the musical director, and has already organized the KHJ symphony orchestra, which is doing some really worthwhile things.

Doris Duncan, the Hollywood Nightingale, who has scored such a success over KMTR, was recently in an automobile accident, which resulted in her having a very badly sprained ankle. However, this did not stop her aerial performance, as she knelt on a chair before the microphone and sang despite her pain and uncomfortableness.

Six months ago a young man appeared for an audition or tryout at KFRC, San Francisco. He had never seen a radio microphone before, and his musical schooling was about as limited as his

technical knowledge of radio. In other words, he was a "green-horn" in every way.

Today this young man, Robert Olson, by name, is probably California's outstanding radio tenors. Gifted with a perfectly "placed" voice, he has learned the trick of singing to "mike," and has become famous almost overnight.

Blanch Cooper, former studio pianist at KGFJ, is again playing for Lou Parker every afternoon on Mr. Carden's program.

The "Kings of Syncopation" managed by Mel Glass—and incidentally a San Francisco band, is being featured every Tuesday night, between 9 and 11, over KFQZ.

Santa Claus on the air! Beginning Friday evening, November 25, and continuing up to Christmas Eve, KFVB is broadcasting the doings of good friend Kris Kringle between the hours of 7 and 7:30 o'clock.

The program is to come by remote control from the merry old fellow's workshop at the North Pole, and the sound of bells ringing and the usual testing of equipment that must necessarily go on before toys can be shipped to California, will be brought to the ears of children from six to six-thirty by Jack Cronshaw and his Toyland Symphonette.

(Continued on Page 92)

30 NICK HARRIS

Detective Stories. Send \$2 to 272 Chamber of Commerce Bldg., for his book, "In the Shadows." Police Whistle Free.

ALL-HENRY!

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

WINS FIRST PRIZE

Plays Havana, Cuba, Consistently

DX Club:

This is to tell you of some of the DX I have been playing with an ALL-HENRY SPECIAL.

Following are some of the stations played since the first of September:

WLIB, WGN, WBBM, WHT, WLW, KMOX, WBAP, WOAI, WFAA, KDKA, KWKH, PWX.

I have played PWX at least ten times. This was all done on the loud speaker, with good volume. I have never used headphones. I will not enumerate the many western and northern stations I have had.

With cold weather coming on, I hope to log many more.

Yours truly,

OMER E. SUMMERS.

663 West Arden, Glendale, Calif.

LOS ANGELES

Figueroa Radio Shop
937 West Seventh
Phone TUcker 7031

(Hollywood)

Dependable Radio
Service Shop

1154 N. Western Ave.
Phone HEmpstead 5509

(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

GLENDALE

C. P. Smith
125 S. Chevy Chase
Glendale 1780

LOS ANGELES

C. C. Lawton Co.

1125 Wall Street
WE. 3960

Wholesale Only

CULVER CITY

All-Henry Radio Shop

Ray Ybarrode
4050 Wade St.

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

Ralph Gaut

1028 Manhattan Ave.
Phone H. B. 9992

ANAHEIM

Modern Radio Elec.

308 West Center
Phone 1356
Wholesale

GRAHAM

Manchester Radio Elec.

1522 East Manchester
Phone DELaware 0460

SOUTH GATE

W. G. Martin

3476 Santa Ana St.
DE. 3842

INGLEWOOD

Ray's Radio Shop

314 S. Market St.
Inglewood 1557

Electrify Any Radio Set!



Get the Maximum pleasure from your radio set! Enjoy the luxury of electric operation afforded by a Philco Socket Power.

Automatic!

Runs Any Radio from Your Electric Current!

THE MARVELOUS NEW

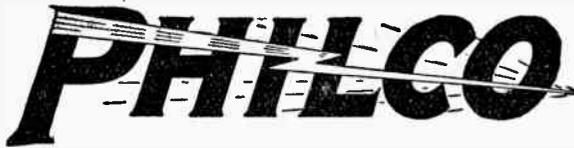
PHILCO
Radio AB Socket Power

Your Radio Set Switch controls everything—your A & B Power as well as the radio itself. The elimination of dry cell expense frequently pays for the Socket Power in a year. Can be installed on any radio set.

SOLD ON EASY PAYMENTS

Ask and radio dealer regarding special allowance on your old storage "A" Battery

Buy Your



RADIO AB SOCKET POWER
FROM

J. M. Andrews Co.

The Original

Philco Sales & Service

1818 S. Grand Ave.

WE. 9065

Los Angeles

\$6.00 DOWN --- \$6.00 MONTHLY

WE WILL GIVE YOU

\$6.00 for Your Old Battery

Installed Free — Positively Guaranteed

FREE DEMONSTRATION

on Your Own Radio

Mail This Coupon Today

or

Phone Westmore 9065

For Free Demonstration in Your Home

Also Headquarters For

ARBORPHONE AND

FREED-EISEMANN

RADIO

CECO TUBES

RAY-O-VAC BAT-

TERIES

AUTOMOBILE

STORAGE

BATTERIES



MAIL THIS COUPON

NAME.....

ADDRESS.....

MAKE OF SET.....

PLACES YOU UNDER
NO OBLIGATION

FREQUENCY CHANNEL LISTING

250 Watts and Up—Corrected to December 10th

Chn. Freq. Meters	Stations	Chn. Freq. Meters	Stations
1—550—545.1	KSD, WMAK, KFUO, KFDY, WFAA.	55—1090—275.1	KFSG, WORD, WTAS, WEAN.
2—560—535.4	WHO, WCAC, WTIC.	56—1100—272.6	KFAD, KFJF, WBAA, WHAR, WPG, WRM, WSKC.
3—570—526.0	KMTR, KYW, WNYC, KFKX.	57—1110—270.1	KGU, KOAC, KOV, WGST, KLDs, WJAS, WMAZ, WSOE, WHAD.
4—580—516.9	WMC, WTAG.	58—1120—267.7	KFWI, KSBA, WDAE, WNJ, WGCP.
5—590—508.2	KLX, WOW, WCSH.	59—1130—265.3	KTS., WHK, WNOX, WOI, WBET.
6—600—497.7	WBAP, WAAW, WOAL.	60—1140—263.0	KGEF, WDAG, WJAZ, WMBI, WSEA, WDWL
7—610—491.5	KGW, WEAJ.	61—1150—260.7	KCA, WDGJ, WCAU, WDWL, WNBH, WOOD, WRHM.
8—620—483.6	KUSD, WCFL, WEMC, KFDL, WTAW, WJAR, KFBU.	62—1160—258.5	KSUL, WOCH, WBT, WCMA, WEBW, WFBL, WIL, WNAL.
9—630—475.9	WSB, WSUL.	63—1170—256.3	KTJT, WASH, WBBR, WCSO, WEBJ, WLTH.
10—640—468.5	KFI, WRC.	64—1180—254.1	KFKU, KMO, WREN, WRVA, WTAQ.
11—650—461.3	KFNF, KRID, WFEI, KUOM, WRR, WCAE.	65—1190—252.0	KOCW, KPLA, WMBB, WOK, WKBF.
12—660—454.3	KTRC, WJZ.	66—1200—249.9	KFRU, WCOA.
13—670—447.5	KFOA, WMAQ, WQJ.	67—1210—247.8	KOW, KFEL, WIOD.
14—680—440.9	KFSD, WJR, WSBF, WAAW.	68—1220—245.8	KFH, KFPY, KLS, WEVD, WAAT, WDOD, WFBE, WGBB, WKRC, WHDI, WLB.
16—700—428.3	WLW.	69—1230—243.8	KSCJ, KWUC, WBR.
17—710—422.3	KPO, WOR.	70—1240—241.8	KFKB, KFON, WEBC, WEDC, WMAL, WGES.
18—720—416.4	KHJ, WMAF, WGN, WLIB.	71—1250—239.9	KEX, KFJR, WEAM, WNAD, WJAM, KWCR, WOAX.
20—740—405.2	WCCO, WFI, WLIT.	72—1260—238.0	KLDs, WLBI, WRBC, WSBT.
21—750—399.8	WEAR, WTAM, PWX, KOB, KTW, KWKH, KWSC, WHN, WQAO, KMA.	73—1270—236.1	KFDX, KFMX, KFWM, WBNY, WCAL, WGBF, WHAP, WMSG, WTAR, WTAD.
22—760—394.5	WAAF, WBBM, WJBT, KGO, KTHS, WCAO, WMBF, WQAM.	74—1280—234.2	WCAH, KFVE, WMBS.
23—770—389.4	WCAJ, WGY.	75—1290—232.4	KBRL, KFPR, KUT, WJKS, WBC.
24—780—384.4	KNRC, WOC.	76—1300—230.8	KFEQ, WDBJ, WGBI, WQAN.
25—790—379.5	KHQ, WDAF, WLWL, WMCA.	77—1310—228.9	WCOC, KELW, KGBU, WOWO, WHBP.
26—800—374.8	WCAD, WEBH, WJJD.	78—1320—227.1	KSO, WARS, WBBC, WJAY, WSDA, WWAE.
27—810—370.2	KFWB, WDAY, WSAI, WOS.	79—1330—225.4	WFBM, KFUR, WAMD, WDAD, WMAC, WSYR.
28—820—365.6	WEW, WWJ.	80—1340—223.7	KGPH, KMIC, WCAM, WCRW, WABQ, WFKB, WNRC, WPCC, WSAJ.
29—830—361.2	KJR, KVOO, WGBS, KXA, WOO, WIP.	82—1360—220.4	WKBH.
31—850—352.7	WCBF, WJBB, WLS.	83—1370—218.8	WCGU, WGWB, WKBO, WKBO.
32—860—348.6	WKAQ, WAPI, WJAX, WHB.	84—1380—217.3	WKWB, WRCO.
33—870—344.6	KNX, WSM, WWVA, WOO.	85—1390—215.7	KRLO, WOKO, WPEP, WQAA.
34—880—340.7	KSAC, KSEI, WBZ, WKRC, WJAD, WBZA, KFOB, WHA, WLBI.	86—1400—214.2	KFWF, WICC, WCWK.
35—890—336.9	KOA, WPCA, WRNY, WHAS.	87—1410—212.6	KGDX, WJBL, WRAX.
36—900—333.1	KOIN, KOIL, WFAB, KPSN, KDKA.	88—1420—211.1	WCDA, WRST.
38—920—325.9	KYA, WABC, WOBQ, KOMO, WHT, WIBO, WHAZ.	89—1430—209.7	KSOG, WCBS, WOKT, WTLF.
39—930—322.4	KSL, WGR, WNAX, WHA, WLBI.	90—1440—208.2	KFVD, WLZB, KGFJ.
40—940—319.0	KFWO, KMOX, KOWW, WBAK, WPSC.	92—1460—205.4	WABF, WMBD.
41—950—315.6	KQW, KUOA, WADC, WNNC, KLZ, WSMB.	93—1470—204.0	WKEN, WLXB.
43—970—309.1	KGCH, WPRC, WGL, WLWB, WODA, WTMJ, WLEW, WODA, WTMJ.	95—1490—201.2	KGEY.
44—980—305.9	KTBI, WBCN, WDBO, WNAT, WENR, WNAC, WEAN.	96—1500—199.9	WRAH.
45—990—302.8	KFAU, KFOY, WBAL, WJAG, WKAR, WOAN, KMMJ.		
46—1000—299.8	KFXF, WATU, WDRC, WEAO, KFUM.		
47—1010—296.9	KTAB, WFIW.		
48—1020—293.9	KWWG, WHAM, WGHP.		
50—1040—288.3			
51—1050—285.5			
52—1060—282.8			
53—1070—280.2			
54—1080—277.8			

ROFFY'S

New Superfine 3-Tube Circuit is Highly Selective. Kit only \$50.
J. T. Roffy, 155 Olive St., Walnut Park, Calif. Phone DE. 2756.

The Electrical Mechanism of the Cathedral Reproducer

May now be obtained through the radio stores. It is not just an ordinary loudspeaker unit—it is the mechanism which gives the beautiful Cathedral Reproducer its splendid tonal quality. It is built for and especially suited to long air column speakers, yet is a revelation when used with phonograph horns or ordinary radio loudspeakers. The Cathedral Unit favors no frequency; reproducing every note from the lowest to the highest, evenly, and with equal clarity. It is specially built for Cathedral by Nathaniel Baldwin, Inc., on their principle of 4 electromagnetic poles, and is very closely matched for the 171 power tube and the Certified Cathedral Transformers.

For Better Reproduction always use the Certified Cathedral parts; not only for their superior quality of tone, but because *they work together!*

EXCLUSIVE WHOLESALE DISTRIBUTORS:

The Daniel Specialty Co.

"The House for Better Reproduction"

5234 Melrose Ave.

HEmpstead 3491

LOS ANGELES, CALIF.

Established 1923

Supplies for the Radio Store

ADAPTERS, Phonograph
ADAPTERS, Socket
AERIAL WIRE
ANGLE BRACKETS,
Brass
BATTERY CHARGERS
BUS BAR
CABLES, Battery
CHOKES, Radio & Audio
CLIPS, Battery
COIL FORMS
COILS, Tuning
CONDENSERS, Fixed &
Variable
CONNECTORS, Cord &
Wire
CORDS, Loudspeaker
CRYSTALS, Mounted
CURRENT SUPPLY
UNITS
DETECTORS, Crystal
DIALS, Vernier
ELECTRIC PHONO-
GRAPH PICKUPS
GROUND CLAMPS
HORNS, Long Air
Column
INSULATORS, Glass &
Porcelain
JACKS & JACK
SWITCHES
KNOBS, Bakelite
LEAD-INS
LIGHTS, Panel & Dial
LIGHTNING ARREST-
ERS
LOUD SPEAKERS,
CONES, etc.
LOUD SPEAKER
UNITS
LUGS, Solder
MARKERS, Cable
METERS
PHONES, Head
PLUGS
POTENTIOMETERS
RESISTANCES & KITS
RHEOSTATS
RELAYS, Automatic
SCREWS, Brass Nicked
SHIELDS
SPAGHETTI TUBING
SWITCHES
TERMINALS, Wire
TUBES, Vacuum
TRANSFORMERS,
Audio & Radio
WALL PLATES
WIRE, Rubber Covered
WIRE, Magnet

All made by Estab-
lished Manufacturers

Schedule of "DX" Stations

Call Letters	F. Ky.	W. L. Mtra.	Pow. Wts.	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
KEX	1250	239	9	2500	6 00-11 00	6 00-12 00	6 00-12 00	6 00-12 00	6 00-12 00	6 00-12 00
WOK	1190	252	6	5000	5 00-8 30	S	5 00-8 30	5 00-8 30	5 00-8 30	5 00-8 30
KDYL	1160	268	5	100	S	5 00-11 00	5 00-11 00	5 00-11 00	5 00-11 00	5 00-11 00
WJAZ	1140	263	6	5000	S	S	6 00-8 00	6 00-8 00	6 00-9 00	6 00-8 00
KGU	1110	270	1	600	10 00-11 30	10 00-11 30	10 00-11 30	S	10 00-11 30	10 00-11 30
WPG	1100	272	6	5000	6 00-6 30	S	S	S	S	S
KOIL	1080	277	6	2000	9 00	6 00-10 00	6 00-10 00	S	6 00-10 00	6 00-10 00
WAIU	1060	282	8	5000	6 00-9 00	6 00-9 00	6 15-9 00	S	6 00-9 00	6 15-9 00
KFXF	1060	282	8	500	7 00	6 00-9 00	6 00-9 00	6 00-11 00	S	6 00-11 00
WENR	1040	288	3	500	6 30-8 00	S	6 00-9 00	6 00-9 00	6 00-9 00	6 00-9 00
KMOX	1000	299	8	5000	6 00-9 30	6 00-11 00	6 00-11 00	6 00-11 00	S	6 00-11 00
WGR	990	302	8	750	S	6 00-8 00	6 00-7 00	6 00-8 00	6 00-7 00	6 00-8 00
WOAI	990	302	8	5000	S	S	6 30-7 30	6 30-7 30	6 30-7 30	6 30-7 30
WGN	980	305	9	500	6 00-8 25	S	6 00-8 00	6 00-8 00	6 00-8 00	6 00-8 00
WLIB	980	305	9	15000	S	8 00-11 00	8 00-11 00	8 00-11 00	8 00-11 00	8 00-11 00
KDKA	950	315	6	30000	S	S	7 35	S	7 00	S
WBZ	900	333	1	15000	6.50	6 00-6 30	6 00-6 30	6 00-6 30	6 00-6 30	6 00-6 30
WHB	890	336	9	500	7 00-11 15	6 00-7 00	6 00-8 00	S	6 00-8 00	S
WLS	870	344	6	6000	S	S	S	6 00-9 00	S	6 00-9 00
WWJ	850	352	7	1000	6 00	S	S	6 30	S	6 00-6 30
WSAI	830	361	2	5000	6 00-9 00	6 00-9 00	6 00-9 00	6 00-9 00	6 00-9 00	6 00-9 00
WEBH	820	365	6	2000	6 00	S	6 00-8 00	6 00-8 00	6 00-8 00	7 00-9 00
WDAF	810	370	2	1000	S	6 00-8 00	6 00-8 00	6 00-8 00	6 00-8 00	6 00-8 00
WOC	800	374	8	5000	S	S	6 00-6 30	6 30-8 00	6 00-7 00	6 00
WGY	790	379	5	30000	S	S	6 00-7 30	6 00-7 00	6 00-7 30	6 00-7 30
WHAZ	790	379	5	500	S	6 00-9 00	S	S	S	S
KTHS	780	384	4	1000	6 30-8 30	6 30-8 30	6 30	6 30-8 30	6 30-8 30	6 30
WBBM	770	389	4	1000	6 00-8 00	5 00	6 00-8 00	6 00-8 00	6 00-8 00	6 00-8 00
WORD	770	389	4	5000	S	S	6 00-7 00	6 00-7 00	6 00-7 00	6 00-7 00
KMA	760	394	5	500	S	7 00-9 00	7 00-9 00	7 00-9 00	7 00-9 00	7 00-9 00
KOB	760	394	5	5000	8.55-9.10	8.55-9.10	8.55-9.10	8.55-9.10	8.55-9.10	8.55-9.10
KWKH	760	394	5	1000	6 00-7 00	6 00-7 30	7 00-10 00	S	6 00-7 30	S
PWX	750	400	5	500	6 00-10 00	S	6 30-8 00	6 00-7 00	S	6 00-9 00
WTAM	750	399	8	3500	6 00-7 00	6 00-9 00	6 00-9 00	6 00-9 00	6 00-9 00	6 00-9 00
CKAC	730	410	7	1200	S	S	6 30	S	S	6 30
WHT	720	416	4	5000	6 00-7 00	S	6 00-7 00	6 00-7 00	6 00-7 00	6 00-7 00
WLW	700	428	3	5000	6 00-8 00	6 00-9 00	6 00-9 00	6 00-9 00	6 00-9 00	6 00-9 00
WJR	680	440	9	5000	7 00-7 30	6 00-7 00	6 00-7 00	6 00-9 00	6 00-7 00	6 00-7 00
WMAQ	670	447	5	1000	S	6 00-7 00	6 00-7 00	6 00-7 00	6 00-7 00	6 00-7 00
WJZ	660	454	3	30000	6 00-7 50	6 00-7 50	6 00-7 50	6 00-7 50	6 00-7 50	6 00-7 50
WSB	630	475	9	1000	6.15	6 00-7 00	6 00-7 00	6 00-7 00	6 00-7 00	6 00-7 00
WBAP	600	499	7	1500	S	6 00-10 00	6 00-9 00	S	6 00-10 00	6 00-9 00
WFAA	600	499	7	500	6 30-7 30	6 30-7 30	6 30-7 30	6 30-7 30	6 30-7 30	6 30-7 30
WOW	590	508	2	1000	7 00	7 00-9 00	7 00-9 00	S	7 00-9 00	7 00-9 00
KYW	570	526	2500	6 30-7.55	6 00-8.55	6 00-8.55	6 00-8.55	6 00-8.55	6 00-8.55	6 00-8.55
WHO	560	535	4	6000	S	6 00-7 30	6 00-7 30	S	6 00-7 30	6 00-7 30
KBD	550	545	1	500	S	S	6 00-6 30	6 00-6 30	S	S

RAY CAMPBELL AC Sets, Transformers and Chokes,
1217 Dwiggins St., L. A., GA. 7891

TRADE IN YOUR OLD RADIO
On a Zenith, Magnavox, Crosley, Atwater-Kent

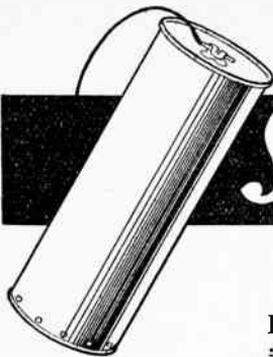
L. A. MUSIC CO.
4410 So. Broadway
Phone AXridge 5479

For Radiolas 20, 25 or 28--Sterling Power Team

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.																																											
10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	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	Frequency in Kilocycles	Wave Length	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	670	500	Hollywood	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																									
X	X														X	X	840	5000	Los Angeles	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								
	X	X													X	X	880	600	San Diego	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																							
															X	X	720	600	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	X	X	X	800	600	Sta. 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	830	500	Hollywood	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																					
X	X														X	X	890	850	Hollywood	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	925	100	Tia Juana																																								
				X											X	X	950	1000	Pasadena	X																																							
				X	X										X	X	1000	250	Catalina	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																				
							X	X							X	X	1040	800	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	X	X	X	X	X	1090	600	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	1100	100	Sta. 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	1140	600	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	X	X	X	X	X	X	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	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	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	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	1280	100	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	X	X											X	X	1310	225	Burbank	X	X																																						
	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1340	250	La Crescenta																																								
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1340	250	Inglewood	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	1350	100	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	X	X	X												
X	X	X	X	X	X	X	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	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
					X	X									X	X	1420	50	Sta Barbara																																								
X	X	X	X									X	X	X	X	X	1440	250	Venice																																								
				X	X	X	X	X	X	X	X	X	X	X	X	X	1440	100	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	X	X	X									
NORTHERN CALIFORNIA																																																											
X	X	X	X	X	X	X									X	X	690	600	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	X	X	X	X											
X	X	X	X	X	X										X	X	880	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	X	X	X	X	X							
	X	X	X	X	X										X	X	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	X	X	X	X	X	X	X	X	X	X	X	X						
		X	X	X											X	X	780	6000	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	X	X	X	X	X	X	X	X	X						
	X	X	X	X	X										X	X	970	800	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	X	X	X	X	X	X	X					
				X	X	X									X	X	1010	800	San Jose	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	1070	900	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	X	X	X	X	X	X	X	X	X	X					
				X	X	X									X	X	1120	800	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	X	X	X	X	X	X	X	X				
															X	X	1220	100	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	X	X	X	X	X	X	X	X	X				
NORTHERN AND WESTERN STATES																																																											
X	X	X													X	X	810	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	X	X	X	X	X					
X				X	X	X									X	X	870	1000	Seattle	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	890	2000	Calgary			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	810	1000	Spokane			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	880	2500	Seattle	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	X	920	6000	Denver	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	X	X										X	X	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	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	980	1000	Seattle	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	990	1000	Salt Lake City	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	1000	800	Walla Walla	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	1080	250	Denver	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	758	1000	Denver	X	X	X	X																																				



Selectivity plus...



Price
\$8⁰⁰



Right now, when eastern stations are coming in nightly for radio owners whose receivers are operating at highest efficiency, you'd appreciate the improved reception made possible by the Preston Permanent Radio Ground. Everyone who has ever tried it recommends it as the greatest radio accessory ever developed. Radio KNX, Los Angeles, recently installed a mammoth Preston Ground for their broadcast equipment . . . other stations are contemplating the installation of similar "made to order" Preston grounds.

Get a Preston Ground from your dealer today. Try it 15 days on our earnest recommendation. Then, if not satisfied, return it to the dealer from whom you purchased it. He is authorized to refund you the full purchase price without question.

What could be fairer than that . . . what could more convincingly demonstrate our faith in the merits of the Preston Ground?

UNGAR & WATSON, INC.

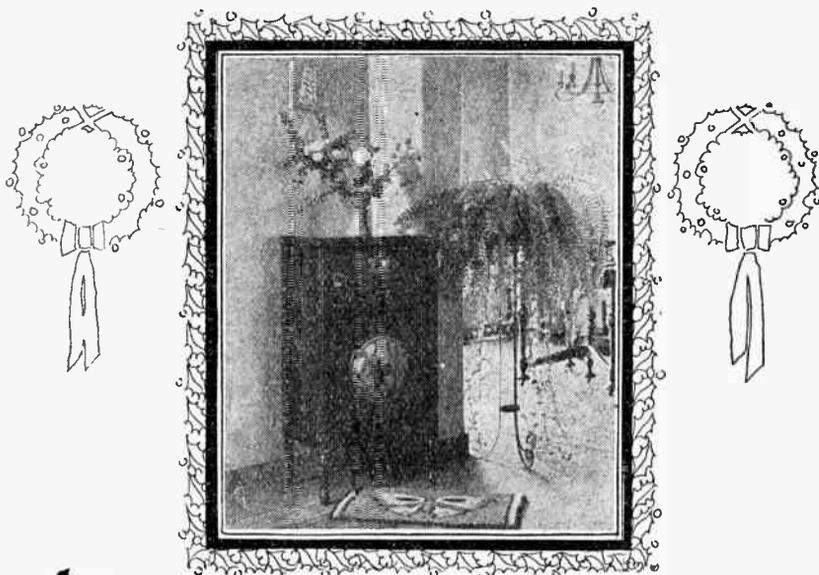
Manufacturers

1366 South Figueroa St.

Phone WEStmore 2411

THE SEROY COMPANY

*Distributors Northern California, Oregon, Washington
122 Broadway, OAKLAND, Calif.*



The Year Round Christmas Gift For the Whole Family!

Stewart-Warner Matched Unit Radio has everything to recommend it that you can find in any other radio equipment . . . plus many features that are exclusive Stewart-Warner developments.

The Stewart-Warner Corporation, with the experience gained during 20 years in the manufacture of precision electrical and magnetic devices, has thrown its entire resources into the production of Matched Unit Radio. Step into your nearest Stewart-Warner dealers . . . examine Matched Unit Radio . . . hear it in a residence demonstration that can be easily arranged. Then you'll realize just how much radio performance has been built into this handsome equipment.

The model pictured is the 520 Console that sells for \$130 without accessories. You can hear it in your home. Phone us for details.

UNGAR & WATSON, Inc.

Wholesale Distributors Stewart-Warner Radio

1366 South Figueroa St. Westmore 2411 LOS ANGELES



ROBERT HURD

Los Angeles, California—640 Kc.

KFI

5000 WATTS—468.5 METERS

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

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

- 10:00 a. m.—Services, direction of L. A. Church Federation.
5:30 p. m.—N. B. C. Crosley Radio Corporation broadcast over P. C. N.
6:30 p. m.—N. B. C. Standard Oil program, Standard Symphony Orchestra over P. C. N.
7:30 p. m.—Father Ricard's Sunspot Weather forecast.
7:30 p. m.—Bob Buckner and his Sole Killers.
8:00 p. m.—Aeolian Organ Recital.
9:00 p. m.—N. B. C. program over P. C. N.
10:00 p. m.—Bill Funk and his Packard Six Orchestra.

MONDAY, DECEMBER 12

- 5:30 p. m.—Leon Rene and his Southern Syncopaters.
6:15 p. m.—George Wilder Cartwright.
6:30 p. m.—Gamut Male Quartet.
7:00 p. m.—Gene Johnston's Music Box Hour.
8:00 p. m.—N. B. C. program over the P. C. N.
9:00 p. m.—Matinee Musical Club program.
10:00 p. m.—Metropolitan Dance Orchestra.

TUESDAY, DECEMBER 13

- 5:30 p. m.—The Dragon Hawaiians.
6:00 p. m.—Florence Sanger, Piano Moods.
6:15 p. m.—Prof. Carl S. Knopf.
6:30 p. m.—Glenn Edmunds and his Colle-gians.
7:00 p. m.—L. A. Fire Dept. Orchestra.
8:00 p. m.—Cecil R. McFarland, bass bori-tone.
8:30 p. m.—N. B. C., U. S. Playing Card Co. Bridge Game, over P. C. N.
9:00 p. m.—N. B. C., National Carbon Co., Eveready Hour, over P. C. N.

WEDNESDAY, DECEMBER 14

- 10:45 to 11:05 a. m.—Betty Crocker, Gold Medal Talks.
5:30 p. m.—Sebastians Cotton Club Orches-tra.
6:15 p. m.—Dr. H. Edward Meyers.
6:30 p. m.—Hal Chasnoff's Orchestra.
7:30 p. m.—Nick Harris, Detective Stories.
7:45 p. m.—William MacDougall, Scotch en-tertainer.

- 8:00 p. m.—California Petroleum Corporation.
9:00 p. m.—N. B. C. program over P. C. N.
10:00 p. m.—Winifred Hooke, concert pianist.
10:30 p. m.—Nellie Callender Mills, violinist; Irene Dalton, pianist.

THURSDAY, DECEMBER 15

- 5:30 p. m.—Vernon Elkins' Dixieland Or-chestra.
6:15 p. m.—Police Commissioner Thorpe.
6:30 p. m.—Henry Starr, popular vocalist and pianist.
7:00 p. m.—Program by University of South-ern California.
8:00 p. m.—N. B. C., California Petroleum Corporation over P. C. N.
9:00 p. m.—N. B. C., Henry Starr and his Musical Comets, Silverton Ladies' Quartet.
10:00 p. m.—Program of modern classical mu-sic; Purcell Mayer in violin classics.

FRIDAY, DECEMBER 16

- 10:45 to 11:05 a. m.—Betty Crocker, Gold Medal Talks.
5:30 p. m.—Program by Eugene Biscailluz; Bill Kuehl, tenor, ballads; Urban Thiel-man, pianist.
6:00 p. m.—Florence Sanger, piano moods.
6:15 p. m.—Griffith Jones, Raditorial Period.
6:30 p. m.—Norma West, ballads of all lands.
7:00 p. m.—Paul Roberts program.
8:00 p. m.—N. B. C., Wrigley program, over P. C. N.
9:00 p. m.—N. B. C., Memory Lane, over P. C. N.
10:00 p. m.—Shirley Mirkin, European pian-ist; Carl Zapf, violinist.

SATURDAY, DECEMBER 17

- 5:30 p. m.—Strangers Social Club Orchestra.
6:15 p. m.—Francis Sullivan, Literary Talks.
6:30 p. m.—Tarvin Sisters, Harmony singers.
7:00 p. m.—Wilfred Fletcher, tenor; Verno-a Arvey, concert pianist.
8:00 p. m.—N. B. C. program over the P. C. N.
9:00 p. m.—N. B. C., Philadelphia Storage Battery Co. over the P. C. N.
10:00 p. m.—Packard program; Ed. C. Cross-man, contralto.
11:00 to 2:00 a. m.—KFI Midnight Frolic; L. A. Fire Dept. Orchestra.

GILFILLAN

SALES & SERVICE — HEMPSTEAD 5590
137 N. Larchmont Open Evenings

Get Your GILFILLAN Radio for CHRISTMAS

from one of these authorized dealers

ANAHEIM—Caverly Radio Den
BEVERLY HILLS—Sture
Music Co.

CHULA VISTA—Bryant Auto
Electric Co.

CORONADO—Bechtel Bros.

CUYENNA—Stead Electric Co.

EL CENTRO—Irey & Maitland

ENCINITAS—H. E. Bunyard

ESCONDIDO—F. E. Huesen

EXETER—Mixer Drug Co.

FRESNO—Cook's Music Shop.

FULLERTON—Melson Music Co.

GLENDALE—Huckins & Sons
Music Store

HUNTINGTON PARK—Elliot &
Youman's Music Shop

INGLEWOOD—Reliable Radio
Sales & Service

KERMAN—Kerman Hdwe. Co.

LA MESA—L. C. Gordon

LONG BEACH—Barker Bros., Inc.

LOS ANGELES

Allen Purcell Elec. Co.

1225 N. Vine St.

American Music Co.,

359 No. Main St.

Associated Radio Service Company

4156 Beverly Blvd.

Barker Bros., Inc.

Seventh and Figueroa Sts.

Barker Bros., Inc.

6834 Hollywood Blvd.

Bertrand's Radio Shop

1187 Cypress Ave.

Bullock's

Seventh and Broadway

California Piano Co.

2251 Venice Blvd.

Chapman House Sales Co.

4379 So. Figueroa St.

Davis Radio Co.

2317 So. Main St.

Daynes Music Co.

4633 Whittier Blvd.

Forum Music Co.

1275 Norton Ave.

H. & S. Radio Co.

3916 West Sixth St.

Heath Electric Co.

1052 No. Western Ave.

Hensel Electric Co.

214 So. Western Ave.

Hill Bros. Furn. Co.

1501-35 W. Washington

Holland Electric Shop

5632 Pasadena Ave.

Chas. A. Holland Elec. Co.

2003 No. Broadway

C. D. Huested

7300 Sunset Blvd.

H. L. Jackson

5117 Hollywood Blvd.

La Brea Electric Co.

5222 Wilshire Blvd.

Larchmont Radio Elect. Co.

137 No. Larchmont Blvd.

Ray Lyons Radio Shop

1611 E. Florence Ave.

McLarty & Son

7845 Santa Monica Blvd.

Monarch Radio Co.

Washington and Western

C. V. Myers

4208 W. Washington St.

Norton Radio Co.

4018 W. 10th St.

Radio Electric Shop

1428 W. Santa Barbara

Tufts-Lyon Arms Co.

609 So. Olive St.

H. H. Walker—Electragist

1323 Venice Blvd.

West Adams Radio Elec. Company

1717 West Adams St.

Young's Radio Co.

516 W. Santa Barbara St.

LOS BANOS—West Side Electric
Co.

MERCED—Lee Bros.

MODESTO—Lee Bros.

NATIONAL CITY—National Radio
Co.

OJAI—Hickey Brothers

ONTARIO—Ontario Radio Shop

PASADENA

Arthur J. Forier.

1200 No. Fair Oaks

Gibbel Radio Shop

351 N. Lake Ave.

Pasadena Music House

87 E. Colorado

POMONA—Sci. Schwartz & Helmerl

PUNTA LOMA—Harley Sachs

PORTERVILLE—Jones Hdwe. Co.

PUEBLO—H. P. Gerkens

RAMONA—J. C. Ferguson

REDFIELD—David Radio Shop.

RIVERSIDE—Riverdale Music Co.

SAN BERNARDINO—Accessory
Service Co.

SAN DIEGO—H. E. Jope, Kinney
Bros., James Urquhart

SAN LUIS OBISPO—Merrifield
Music Co.

SANTA ANA—B. F. Chandler
Music Store.

SANTA MARIA—Broadway Bat-
tery & Elec. Co.

SANTA MONICA—Arthur E.
Jackson Music Company

SELMA—Selma Drug Co.

SOUTH PASADENA—Radio
Electric Shop

TAFT—Taft Music Co.

TURLOCK—Lee Bros.

VAN NUYS—John R. Wardlow
Radio Co.

VENTURA—The Bartlett Co.

VISALIA—Grabers Music Co.

WHITTIER—Uidnam Radio Shop

ARIZONA

CASA GRANDE—E. J. DeCoursey

CLARKDALE—Clarkdale Garage

DOUGLAS—Jack Barnhart

GILBERT—Gilbert Serv. Station

GLOBE—Thos. McKevitt

GLENDALE—Glendale Garage

LOWELL—Auto Electric Co.

MESA—Hess Garage

MIAMI—Henry Furnishing Co.

PHOENIX—Nielsen Radio &
Sporting Goods Co.

PRESCOTT—A. P. Miller

SAFFORD—Crandall Pharmacy

TUCSON—Grabe Electric Co.



Gilfillan
Radio 80

NO BATTERIES — NO CHARGERS — NO LIQUIDS

Distributors:

Southern California (except San Diego County)

GILFILLAN BROS., INC., Los Angeles

San Diego County—MOTOR HDWE. & EQUIPMENT CO., San Diego

Arizona—NIELSEN RADIO & SPORTING GOODS CO., Phoenix.



WILLIAM RAINEY
Announcer

National Broadcasting Co., Inc.

PACIFIC COAST NETWORK

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

Program for Week Commencing Sunday, December 11, 1927

Sunday, Dec. 11—5:30 to 6:30 P. M.

The Crowley Moscow Art Orchestra, under the direction of Max Dolin. Included in this well-balanced program of semi-classic music arranged in popular concert form are such numbers as Von Suppe's overture, "Beautiful Galathea" and selections from Bizet's opera, "Carmen." The outstanding selection of the hour will be a violin solo, "Meditation," from Thais.

Sunday, Dec. 11—6:30 to 7:30 P. M.

The Standard Symphony Orchestra will present another of its Sunday programs. This weekly feature, sponsored by the Standard Oil Company offers music lovers a variety in classic and concert selections.

Sunday, Dec. 11—9:00 to 10:00 P. M.

Another "Great Moment in History" will be presented tonight. This popular presentation brings weekly an intimate story of the incidents surrounding some great historical character or event. Tonight the National Players, under the direction of William Rainey, will re-enact the story of "The Constitution."

Monday, Dec. 12—8:00 to 9:00 P. M.

The magic beam of the Spotlight will play on the orchestra while it presents such numbers as the popular "Hallelujah" from "Hit the Dock" and selections from "The Royal Vagabond." The vocal soloists, Eileen Piggott, Gwyneth Jones and William Rainey, will be heard in several numbers.

Tuesday, Dec. 13—8:30 to 9:00 P. M.

The Seventh Auction Bridge Game will be broadcast. This weekly feature is sponsored by the United States Playing Card Company and offers bridge fans in the home an opportunity to follow the game as played by experts.

Tuesday, Dec. 13—9:00 to 10:00 P. M.

The Eveready Hour.

Two programs have been prepared—the first for the original popular jazz and novelty Eveready Orchestra with saxophones, muted brasses and banjos, playing revised versions of classics, semi-classics and popular music.

The second program features a standard concert orchestra such as you have heard for the last two weeks, playing the classics and noted concert selections.

If the vote indicates a preference for the modern jazz and light concert favorites, program No. 1 will be used, while if the majority favor a conventional concert orchestra program No. 2 will be heard.

Tuesday, Dec. 13—10 to 11 P. M.

"Little Speck in Garnered Fruit," by O. Henry, is the Retold Tale to be presented. The story is one of love, a very unconventional love story, inasmuch as it concerns a bride and groom. The groom is none other than K. O. Kid McGarry, famous world champion welterweight. The bride is the most beautiful, adorable little woman the kid has ever met, and her slightest whim is his command.

Wednesday, Dec. 14—9 to 10 P. M.

The National Broadcasting Company Vagabonds who, weekly, take you with them on their musical excursions over the United States in search of pleasure and adventure, will transport you to the Rio Grande in Texas tonight. This hour, "Down by the Rio Grande," will be introduced by what is probably the first music heard in the great Empire of the Southwest—an Indian chant, with tom-toms beating and war cries resounding.

Thursday, Dec. 15—9 to 10 P. M.

A program of Negro music, featuring Henry Starr and his Musical Comets and the Silverstone Ladies' Quartette, will be broadcast from the Los Angeles Studio.

Friday, Dec. 16—9 to 10 P. M.

The Hour in Memory Lane is entitled "The Family Reunion." This program strikes the home note with ballads, songs and orchestral selections woven about wholesome family sentiment, such songs as people sing where there's nobody around but home crowd. One of these is "Oh, That We Two Were Maying," by Ethelbert Nevin.

Saturday, Dec. 17—8 to 9 P. M.

The R. C. A. Orchestra and vocal soloists will bring to Pacific Coast Network listeners another excellent variety program. The old-fashioned music box will furnish the background for the R. C. A. poem, the reading of which marks the opening and closing of the hour.

9 to 10 P. M.—Philco Hour. The weekly program of the Philadelphia Storage Battery Co.

Saturday Night Dance Period— 10 P. M. to 12 M.

Beginning Saturday, December 17, the National Broadcasting Company will present another new feature over the Pacific Coast Network. This special attraction fills a definite want and promises listeners diversified entertainment such as is seldom offered over the air.

Golden Bear AIR COLUMN
SPEAKER

Made in 12 Sizes — Phone
WEStmore 2712

JENSEN DYNAMIC CONE



\$65.00

The Jensen Dynamic Cone Radio Loudspeaker is like a highly polished mirror—reflecting with exact life-likeness all the colors, shades and variations of the living object without adding or taking anything away from the original. It has no characteristic tones of its own. Its design enables it to reproduce all sounds audible to the human ear with equal fidelity. Its tonal range is the greatest ever achieved in a radio loud speaker.

The D-44 can be connected directly to any radio set in place of other speakers, but being a true Power Speaker, it is also adaptable for use with power amplifiers, as it will reproduce perfectly when subjected to the full undistorted output of a 210 vacuum tube or its equivalent.

D-44 (illustrated) \$65.00

Exclusive Wholesale Distributors

YALE RADIO ELECTRIC CO.

1111 Wall St.

WEStmore 3351

Los Angeles

Los Angeles, California—720 Kc.

KHJ

500 WATTS—416.4 METERS
Times Bldg., First and Broadway, Los Angeles
Owned and Operated by Don Lee
California Distributor for Cadillac and LaSalle
Phone MEt. 0700

E. K. BARNES, Day-time Director
GLENN R. DOLBERG, Night-time Director
PAUL RUBENSTEIN KEPNER, Musical Director
ERNEST G. UNDERWOOD, Technical Director

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

10:00 a. m.—Studio sermon, Dr. Ralph Atkinson.
10:30 a. m. to 12:00 noon—First Methodist Episcopal Church, morning services.
7:00 to 8:00 p. m.—First Methodist Episcopal Church, evening services.
8:00 to 9:00 p. m.—KHJ Concert Orch.
9:00 to 10:00 p. m.—Classic hour, KHJ Concert Orchestra.

MONDAY, DECEMBER 12

12:30 to 1:30 p. m.—Stock market, news items, musical features, weather report and announcements.
6:00 to 6:45 p. m.—Dinner music.
6:45 to 7:00 p. m.—News items.
7:00 to 8:00 p. m.—Music Review KHJ Quartette, Ray and Jim.
8:00 to 9:00 p. m.—Government Frost Reports, followed by KHJ Concert Orchestra.
9:00 to 10:00 p. m.—Classic hour.

TUESDAY, DECEMBER 13

12:30 to 1:30 p. m.—News bulletins, stock market reports, musical features, weather report and announcements.
6:00 to 6:15 p. m.—Music.
6:15 to 6:30 p. m.—Health talk, Dr. Frank McCoy.
6:30 to 6:45 p. m.—Music.
6:45 to 7:00 p. m.—News bulletins.
7:00 to 8:00 p. m.—Los Angeles Police Quartette, Public Safety Talk, soloists.
8:00 to 9:00 p. m.—Government Frost Reports, followed by KHJ Concert Orchestra and Soloists.
9:00 to 10:00 p. m.—Music Review, Studio Orchestra, Dare Sisters.

WEDNESDAY, DECEMBER 14

12:30 to 1:30 p. m.—Stock market, news items, musical features, weather report and announcements.
2:30 to 3:00 p. m.—"Garden Talk" by Fred C. McNabb.
6:00 to 6:15 p. m.—Music.
6:15 to 6:30 p. m.—J. R. Keough, Deputy County Auditor, Resume of Foregoing Talks.
6:30 to 6:45 p. m.—Music.

6:45 to 7:00 p. m.—News items.
7:00 to 8:00 p. m.—Classic hour, KHJ Concert Orchestra.

8:00 to 9:00 p. m.—Government Frost Reports, followed by Studio Orchestra, Ray and Jim.

9:00 to 10:00 p. m.—Popular Concert, Orchestra, KHJ Quartette.

THURSDAY, DECEMBER 15

12:30 to 1:30 p. m.—News bulletins, stock market reports, musical features, weather report and announcements.
6:00 to 6:45 p. m.—Dinner music.
6:45 to 7:00 p. m.—News items.
7:00 to 8:00 p. m.—Popular concert hour, Cadillac-LaSalle Orchestra.
8:00 to 9:00 p. m.—Government Frost Reports, followed by classic hour, KHJ Concert Orchestra, soloists.
9:00 to 10:00 p. m.—Music review, Dare Sisters.

FRIDAY, DECEMBER 16

12:30 to 1:30 p. m.—Stock market, news items, musical features, weather report and announcements.
6:00 to 6:45 p. m.—Dinner music.
6:45 to 7:00 p. m.—News items.
7:00 to 8:00 p. m.—Popular concert hour, Cadillac-LaSalle Orchestra.
8:00 to 9:00 p. m.—Government Frost Reports, followed by Western Orchestra, Ray and Jim.
9:00 to 10:00 p. m.—Classic hour, Studio Orchestra.

SATURDAY, DECEMBER 17

12:30 to 1:30 p. m.—Stock market, news items, musical features, weather report and announcements.
6:00 to 6:45 p. m.—Dinner music.
6:45 to 7:00 p. m.—News items.
7:00 to 8:00 p. m.—Government Frost Reports, followed by KHJ Concert Orchestra.
9:00 to 10:00 p. m.—Music review by Cadillac-La Salle Concert Orchestra, Dare Sisters.
8:00 to 9:00 p. m.—Government Frost Report, followed by popular concert review.



LONG-LIVED POWER

Is assured by the scientific construction and high quality of materials used in "Blue Diamond" Batteries.

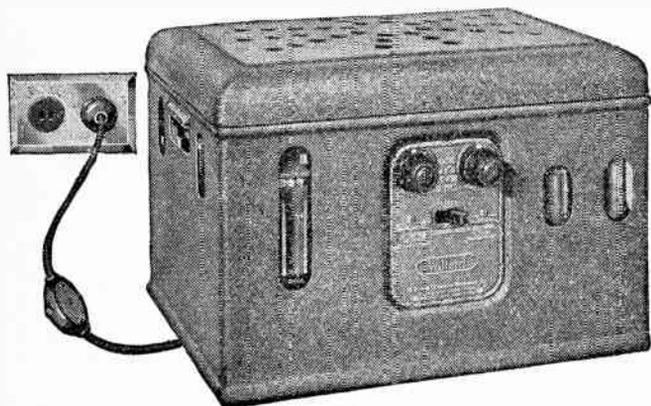
RADIO DEALERS: For the most agreeable surprise of your career, phone

Faber 4835

For "Blue Diamond" Prices!

WESTERN ELECTRIC NOVELTY CO., Mfrs., 1258 E. 6th St., Los Angeles

Hear the Difference With a Willard A-B



Many people do not know that there is no wiring change necessary to use a Willard A-B power unit. No matter whether you are using dry cells or wet batteries, you can hook on the Willard A-B and get your radio power from the house lighting circuit.

Willard engineers have built for you a unit that will improve your present reception. Hear the difference.

—♦—
**YOUR RADIO DEALER
OR
YOUR WILLARD DEALER
ANYWHERE IN
SOUTHERN CALIFORNIA**



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 Holly-
wood 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, 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 Ex-
press, 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—

- 10:00 p. m.—Earl Burtnett's Biltmore Hotel Orchestra (except Tuesday and Friday).
11:00 p. m.—Hotel Ambassador; Gus Arnheim's Cocoanut Grove Orchestra.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

- SUNDAY, DECEMBER 11**
10:00 a. m.—First Presbyterian Church of
Hollywood.
2:00 to 4:00 p. m.—City Park Board musical
program.
4:00 p. m.—Roberts' Golden State Band.
5:15 p. m.—All-Souls Church.
6:30 p. m.—Hollywood Unitarian Church.
7:00 p. m.—First Presbyterian Church of
Hollywood.
8:00 p. m.—Circle Theater Concert Orches-
tra, courtesy Electric Lighting Supply Co.
9:00 p. m.—Calmon Luboviski, master vio-
linist; Claire Mellonino, pianist.

MONDAY, DECEMBER 12

- 11:00 a. m.—French lessons by Edgard Leon.
2:30 p. m.—"Human Nature," by William
Benton.
4:30 p. m.—Little Jean and the Town Crier.
6:45 p. m.—Gene Leonard.
7:00 p. m.—Feature program.
7:30 p. m.—One-act play by the KNX play-
ers, under direction of Georgia Fifield,
courtesy Overell Furniture Co.
8:00 p. m.—Feature program.

TUESDAY, DECEMBER 13

- 11:00 a. m.—French lessons by Edgard Leon.
12:45 p. m.—Advertising Club Luncheon.
4:00 p. m.—Little Joyce Coad, movie star.
7:00 p. m.—Feature program.
7:30 p. m.—The Steinway Duo-Art.
8:00 p. m.—Earl Burtnett's Biltmore Hotel
Orchestra.
9:00 p. m.—Grauman's Chinese Theater,
courtesy program.
9:30 p. m.—Feature program.
10:00 p. m.—Hotel Ambassador, Gus Arn-

heim's Cocoanut Grove Orchestra.

WEDNESDAY, DECEMBER 14

- 11:00 a. m.—Charles W. Hamp.
4:00 p. m.—Garden talk by Dewey R. Krucke-
berg.
7:00 p. m.—Feature program.
7:30 p. m.—Charles Kamp.
8:00 p. m.—Security Trust & Savings Bank

THURSDAY, DECEMBER 15

- 11:00 a. m.—Talk on insects by H. W. Mc-
Spadden.
4:00 p. m.—Louise Johnson giving horo-
scopes.
7:00 p. m.—Carthay Circle Theater organ re-
cital.
8:00 p. m.—Calmon Luboviski, master vio-
linist; Claire Mellonino, pianist.
9:00 p. m.—Zenith Carburetor Co. program.

FRIDAY, DECEMBER 16

- 2:00 p. m.—L. A. Women's Clubs program.
6:45 p. m.—Gene Leonard.
8:00 p. m.—Royal Order of Optimistic Do-
nuts.
9:00 p. m.—Earl Burtnett's Biltmore Hotel
Orchestra.
10:00 p. m.—Broadcasting the main events
from the Hollywood Legion Stadium.

SATURDAY, DECEMBER 17

- 2:15 p. m.—Broadcasting the football game
from the Los Angeles Coliseum.
7:00 p. m.—Playgoers Club.
7:30 p. m.—Stories of insect life, by Harry
W. McSpadden.
7:45 p. m.—Announcement of Sunday
church services.
8:00 p. m.—Feature program.
12:00 p. m.—The Midnight Express.

**\$2.50 FIXES ANY SET
CALL AND DELIVER**

\$1

**3104 S. VERMONT
BEacon 6582**

ATWATER KENT RADIO

It's Here!

The New A. C. Model 36

Here's the genuine house-current radio. Atwater Kent precision manufacturing triumphs in giving the world flawless operation from your house current without an "if" or a "maybe"—

By all means see and try this amazing development in radio at your nearest Atwater Kent dealer today.

Priced, completely equipped with speaker and the new
A. C. Tubes

\$183.50

RAY THOMAS INC.
Atwater Kent Distributor

1248 S. Hope St. WE 6334
LOS ANGELES



BILL RAY
Announcer

Hollywood, Calif.
830 Kc.
K F W B

500 WATTS—361.3 METERS
WARNER BROS. MOTION PICTURE STUDIOS
Warner Bros. West Coast Studios,
5642 Sunset Blvd.
Gerald L. King, Mgr. Wm. Ray, Asst. Mgr.
Florence Israel—Program Arranger
Phone GL. 9461
"Movie Land"



GERALD L. KING
Announcer

DAILY EXCEPT SUNDAY—

10:00 to 10:30 a.m.—Air Circus, except Thursday.
10:30 a.m.—Aunt Sammy Talks, except Saturday.
11:45 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.

4:45 to 5:15 p.m.—Air Circus.
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 Saturday.
10:00 to 11:00 p.m.—Dance program.
11:00 to 12:00 midnight—Dance music.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

7:30 to 7:50 p.m.—Musical Program.
7:50 to 8:00 p.m.—Spanish Program.
8:00 to 8:00 p.m.—Daily News.
8:00 to 9:00 p.m.—Light Opera Program.
9:00 to 9:10 p.m.—Daily News.
9:10 to 10:00 p.m.—Ann Grey, blues songs; Warner Bros. Dance Orchestra.

9:00 to 10:00 p.m.—Gene Johnston's Hour, featuring his trio and vocal soloists.

THURSDAY, DECEMBER 15

4:15 to 4:45 p.m.—Los Angeles Police Quartet.
7:00 to 7:20 p.m.—Musical Program.
7:20 to 7:50 p.m.—Program by courtesy of the Elec-True-Tone Corporation.
8:00 to 9:00 p.m.—Charlotte De Lovelace, blues songs; Warner Bros. Hawaiian Trio.
9:00 to 10:00 p.m.—Charles Beauchamp, tenor; Louise Sullivan's Trio.

MONDAY, DECEMBER 12

9:45 to 10:00 a.m.—Talk by a diet specialist.
7:00 to 7:20 p.m.—Robert Cheatham, baritone; Lucille Scott, pianist.
7:20 to 7:50 p.m.—Musical Program.
8:00 to 9:00 p.m.—Leon Belasky's Concert Quartet.
9:00 to 10:00 p.m.—June Parker, blues songs; Warner Bros. Hawaiian Trio.

FRIDAY, DECEMBER 16

4:15 to 4:45 p.m.—A. T. Rainey, Psychic.
7:00 to 7:30 p.m.—Program presented to the school children of Los Angeles, featuring Santa Claus, by remote control, direct from his workshop at the North Pole.
7:30 to 7:50 p.m.—Vernon Rickard, tenor; Don Warner, pianist; by courtesy of Floyd's Toy Shops.
8:00 to 9:00 p.m.—Ann Grey, blues songs; The Hollywood Serenaders.
9:00 to 10:00 p.m.—Archies Ruggles, tenor; Warner Bros. Concert Quartet.

TUESDAY, DECEMBER

7:00 to 7:30 p.m.—Musical Program.
7:30 to 8:00 p.m.—Thirty minutes of sunshine by Charlie Hamp, courtesy of Strasska Laboratories.
8:00 to 9:00 p.m.—Program, featuring David Percy, baritone; Jack Cronshaw's Concert Orchestra.
9:00 to 10:00 p.m.—The Landry-Dooley Orchestra.

SATURDAY, DECEMBER 17

2:30 to 3:45 p.m.—Harry Owens and his orchestra.
3:45 to 4:45 p.m.—The Landry-Dooley Orchestra.
7:00 to 7:30 p.m.—A one-act play presented by the Playshop Players.
7:30 to 8:00 p.m.—Illustrated Daily News program.
8:00 to 9:00 p.m.—Program, featuring the MonaMotor Oilers; Lilyan May Challenger, contralto.
9:00 to 10:00 p.m.—The Landry-Dooley Orchestra.

WEDNESDAY, DECEMBER 14

9:45 to 10:00 a.m.—Talk by a diet specialist.
2:40 to 4:45 p.m.—The Landry-Dooley Orchestra.
7:00 to 7:50 p.m.—Program presented by Radio Doings, featuring Audrey Davis in ballads; Glenn Edmunds and his Colleagues.
8:00 to 9:00 p.m.—Emma Kimmel, soprano; Cyril Codwin's Concert Trio.

STEINITE HEADQUARTERS

CHILDS LABORATORY
2310 S. Union BEacon 7445



Made in 12 Sizes — Phone Westmore 2712

L. A. DUNCAN

RADIO ELECTRICIANS

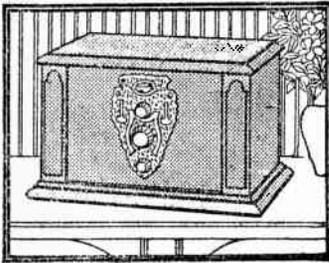
2891 W. Pico St.

EMpire 1141

Los Angeles

Headquarters

Mohawk One Dial Radio Receivers



THE NAVAJO

This Table Model of five-ply walnut veneer, with curly maple overlay, duo tone, full piano hinged, one dial.

Priced for battery operation.
\$72.50

WILL BE GIVEN AWAY

FREE



Simply tear out Coupon below and bring to the store. It places you under no obligation.

We are Authorized Dealers for the entire line of the famous Mohawk One-Dial, All Electric Radios. Prices ranging from \$149.50 to \$367.00. Complete electric operation.

Don't forget our Service Department. We repair all makes of radio and equipment. 12 service trucks at your service.

Visit our Victrola Department, one of the most complete in Southern California.

Bring This Coupon to Our Store

L. A. DUNCAN,
2891 West Pico St., Los Angeles.

Please enter me as a contestant for the Mohawk One-Dial Radio Receiver mentioned above.

FREE OF CHARGE

To be given away the night of Dec. 24, 1927.

Name.....

Address.....

Make of your present set.....



G. ALLISON PHELPS
Manager and Announcer

Hollywood, California
570 Kc.

K M T R

500 WATTS—526 METERS
KMTR RADIO STATION
1028 N. Highland Ave. Phone HOLLY 3028
FORBES VAN WHY, Chief Engineer
TOM MITCHELL, Assistant Manager
EVA BURKHARDT, Commercial Manager
"Your Friend in Hollywood"
"The Station that Tops the List"



TOM MITCHELL

DAILY EXCEPT SUNDAY—

- 7:00 to 7:30 a. m.—Setting-up exercises by Professor Barclay L. Severna.
7:30 to 8:30 p. m.—Louise Howatt's Hour of Happiness.
8:45 to 9:00 a. m.—Time signals from Washington, D. C., and musical numbers.
9:00 to 10:00 a. m.—Sylvia, the Blind Cook (except Wednesday and Friday).
11:00 a. m. to 12:00 noon—"Don't Go 'Way, Folks," Hour, directed by Charlie Wellman.
12:00 to 12:30 p. m.—Weaver-Jackson Beauty Hints.
12:30 to 1:00 p. m.—Rose Russell's Luncheon Bulletins.
1:30 to 2:30 p. m.—KMTR Press Agent Hour.
4:30 to 5:00 p. m.—Certified Air Bulletin.
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 6:45 p. m.—Dinner hour program, featuring the Marguerite Le Grand Trio.
6:45 to 7:30 p. m.—Fitzgerald Music Company courtesy program, featuring Ampico and Panatropé.

10:00 to 11:00 p. m.—Miller's Cafe Lafayette Dance Orchestra, Ray West, director.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

- 5:30 to 6:15 p. m.—White King Male Quartet and Mona Content.
6:15 to 6:30 p. m.—Nightly Doings.
6:30 to 7:00 p. m.—Burr McIntosh.
7:00 to 8:00 p. m.—Miller's Cafe Lafayette Concert Orchestra.
8:00 to 10:00 p. m.—Loren Powell's Little Symphony and Assisting Artists.

MONDAY, DECEMBER 12

- 5:15 to 5:30 p. m.—Chiropractic Health Talk.
7:30 to 8:00 p. m.—Charles Hamp, courtesy Dr. Strasska's Tooth Paste.
8:00 to 10:00 p. m.—Courtesy Program.

TUESDAY, DECEMBER 13

- 10:00 to 11:00 a. m.—Hair-A-Gain Program.
3:30 to 4:00 p. m.—L. A. Police Quartette.
5:15 to 5:30 p. m.—Talk on health.
7:30 to 8:00 p. m.—"Ask Me Another," under the direction of Edward Murphey.
8:00 to 9:00 p. m.—The Maxwell House Coffee Orchestra and artists.
9:00 to 10:00 p. m.—C. E. Toberman Co., courtesy program.

WEDNESDAY, DECEMBER 14

- 9:30 to 10:00 a. m.—Travel Talk.
1:00 to 1:30 p. m.—Hollywood Chamber of Commerce, courtesy program.
5:15 to 5:30 p. m.—Chiropractic Health Talk.
7:30 to 8:00 p. m.—KMTR Players, in a one-act play.

8:00 to 9:00 p. m.—Walker's courtesy program.

9:00 to 10:00 p. m.—Courtesy program.

THURSDAY, DECEMBER 15

- 10:15 to 10:45 a. m.—Dr. Paul J. Dorosh, "Diet Question Box."
10:45 to 11:45 a. m.—Hair-A-Gain Program.
3:00 to 4:00 p. m.—Jintown Five Dance Orchestra.
5:00 to 5:30 p. m.—Dr. Gustav Biorkman.
7:30 to 8:00 p. m.—Charles Hamp, representing Dr. Strasska's Tooth Paste.
8:00 to 10:00 p. m.—Puritas Vaudeville Program.

FRIDAY, DECEMBER 16

- 10:00 to 11:00 a. m.—Charles Hamp, through the courtesy of Dr. Strasska's Tooth Paste.
1:15 to 1:30 p. m.—"How to Make Children Behave."
3:30 to 4:00 p. m.—Pacific Electric Art.
5:15 to 5:30 p. m.—Chiropractic Health Talk.
7:30 to 8:00 p. m.—Chatham's Courtesy Program.
8:00 to 8:00 p. m.—Walker's courtesy program.
9:00 to 10:00 p. m.—C. E. Toberman Co., Courtesy Program.
10:00 to 12:00 p. m.—Miller's Cafe Lafayette Dance Orchestra.

SATURDAY, DECEMBER 17

- 10:30 to 11:00 a. m.—Gordon Whitnall.
7:30 to 7:40 p. m.—Talk by M. D. Benesh.
7:40 to 8:00 p. m.—KMTR Movie Club.
8:00 to 10:00 p. m.—Courtesy program.



Made in 12 Sizes — Phone
Westmore 2712

TRADE IN YOUR OLD RADIO
On a Radiola, Kolster, Magnavox

STURGIS MUSIC CO.
4713 South Broadway
Phone AXridge 7106

You Could Log More Stations

If you had a Station Isolator—

**Double
Your
Distance
—
Double
Your
Selectivity**



**Hear
Stations
You
Never
Heard
Before**

Designed by E. M. Sargent and L. C. Rayment, investors of the Infradyne
If your set uses an antenna and a 6-volt "A" supply, either a battery or an eliminator, the Station Isolator will improve it. Selectivity will be improved, local stations will no longer overlap, and there will be a better separation between distant stations. Distant stations that are now weak will be louder, stations that you cannot hear at all now will be brought in loud enough so you can log them. Order a Station Isolator now and get the full benefit of the fine radio programs that are now being broadcast.

Sold on 5-Day, Money-Back Trial

We have sold hundreds of them in this way and many enthusiastic owners have recommended them so strongly that their friends have written in and ordered them. With the Station Isolator, your set will operate more smoothly, your radio programs will be clearer, free from interference, and distant stations will be louder. The Station Isolator is neat, compact, and add to the appearance as well as the efficiency of your radio installation.

Dealers,—Order one of each

Sold on 5-day, money-back trial—Absolutely Guaranteed

Radio Constructors Corporation,
357 Twelfth Street, Oakland, Calif.

Here is \$..... Ship me at once a "STATION ISOLATOR" as advertised in RADIO DOINGS. This Isolator is to be used on a

(State here Type and Model of Set you are using.)

Name.....
Street and No.....
City and State.....



BARON KEYES

Los Angeles, California

500 Watts—252 Meters

1190 Kilocycles

K P L A

1315 Commercial Exchange Building
Eighth and Olive Streets

BERTRAM O. HELLER, Business Manager

BARON KELES, Announcer

LEIGH HARLINE, Program Manager

ROLAND COLBERT, Engineer

Romola Station



LEIGH HARLINE

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 4:03 p. m.—Bulletin—Health Commissioner Dr. Geo. Parrish.
 4:03 to 4:30 p. m.—Records, through courtesy of Barker Bros.
 4:30 to 5:00 p. m.—Air Castle.
 5:00 to 6:00 p. m.—Sundown Frolic, conducted by Baron Keyes.
 6:00 to 7:00 p. m.—Dinner Hour Program, featuring the White King Quartet and Mission Bell Orchestra, through courtesy of Los Angeles Soap Co.
 7:00 to 7:05 p. m.—Sports Review from the "Referee."
 7:05 to 8:00 p. m.—KPLA Orchestra and other KPLA artists.
 10:00 to 11:00 p. m.—Palais de Dance by remote control, featuring Ralph Markey and his Musical Keys.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

- 7:30 to 8:00 p. m.—Dr. David Edstrom, Art Lecture.
 8:00 to 10:00 p. m.—K P L A Orchestra: Leigh Harline, Red Wyatt, Billy Barron.

MONDAY, DECEMBER 12

- 5:00 to 5:30 p. m.—Spanish Course, by Dr. Wm. F. Rice, R. A. Ramirez, F. Piera Gamba, Antonio Herras, Prof. Henry C. Niesa.
 7:00 to 8:00 p. m.—Nunez Trio,
 8:00 to 9:00 p. m.—Ida Schutz, soprano; Coral Atkin, pianist; Fred Clint, violinist.
 9:00 to 10:00 p. m.—Hal Chasnoff String Ensemble, Mabel Lenahan.

TUESDAY, DECEMBER 13

- 7:00 to 8:00 p. m.—Dresden Trio
 8:00 to 8:30 p. m.—Bob Harker and Tod Watterman in Banjo Duets.
 8:30 to 9:00 p. m.—Virginia McCoy and studio program.
 9:00 to 9:30 p. m.—Bert Fahrquason, Frankie Merlowe, Mildred Procter.
 9:30 to 10:00 p. m.—Round by round returns of the main event from Olympic Auditorium, by remote control.

WEDNESDAY, DECEMBER 14

- 5:00 to 5:30 p. m.—Spanish Course, by Dr. Wm. F. Rice, R. A. Ramirez, F. Piera Gamba, Antonio Herras, Prof. Henry C. Niesa.

- 7:00 to 8:00 p. m.—Studio program.

- 8:00 to 8:30 p. m.—Billy Barron, Sam Roland, in Vibraphone solos.
 8:30 to 9:00 p. m.—Mabel Lenahan and Red Wyatt.

- 9:00 to 10:00 p. m.—Frank Barry, tenor; Pat O'Neil, baritone; Grady T. Sampson.

THURSDAY, DECEMBER 15

- 7:00 to 8:00 p. m.—Studio program.
 8:00 to 8:30 p. m.—Nunez Trio.
 8:30 to 9:00 p. m.—G. E. Roletti
 9:00 to 10:00 p. m.—Original Musical Shows written and presented by Baron Keyes and Lee Harline.

FRIDAY, DECEMBER 16

- 5:00 to 5:30 p. m.—Spanish Course, by Dr. Wm. F. Rice, R. A. Ramirez, F. Piera Gamba, Antonio Herras, Prof. Henry C. Niesa.
 7:00 to 7:30 p. m.—Studio program.
 7:30 to 8:00 p. m.—Harold E. Titus, basso.
 8:00 to 8:30 p. m.—Waikiki Hawaiian Trio.
 8:30 to 9:00 p. m.—Hulda Dietz and Neil Russell.

- 9:00 to 10:00 p. m.—Aroldo Colini, concert tenor, with Florentine String Trio.

SATURDAY, DECEMBER 17

- 7:00 to 8:00 p. m.—Studio program
 8:00 to 9:00 p. m.—Carfagne String Quartet; Emma Kimmell, Glen Pearce,
 9:00 to 10:00 p. m.—Waikiki Hawaiian Trio

TO JOBBERS AND MANUFACTURERS

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

CLAPP & LaMOREE

1325 San Julian Street

Westmore 8869

Los Angeles

LOS ANGELES

SAN FRANCISCO

PORTLAND

Look for the Label!

*This is
the Famous*

Type 200-A Power Detector

THIS popular SONATRON is a favorite everywhere! Pulls in those distant stations with such power and clarity that even the old radio fan is delighted! Fits into your detector socket without rewiring—see your dealer today

\$ 4

At all Dealers



The Sonatron Label

on a radio tube is your assurance of better radio results. The World's Largest Tube Line offers the right tube for every purpose—it covers every radio need. For a new kind of reception be sure you have

*"A Sonatron In
Every Socket"*

THE SONATRON line contains thirty-three distinct types—a tube for every purpose. SONATRON'S pioneer spirit has time and again produced new tubes—in many cases months before any other manufacturer! It is this pioneer progressive

spirit which has made and kept SONATRON, "The World's Largest Tube Line."

SONATRON'S newest achievements are the X-226 A. C. and Y-227 A. C. tubes, which are already popular wherever A. C. receivers are in use.

SONATRON TUBE COMPANY

NEW YORK CHICAGO DETROIT NEWARK, N. J. WINDSOR, ONT., CAN.

"The World's Largest Radio Tube Line"

SONATRON

WHOLESALE DISTRIBUTORS

LISTENWALTER & GOUGH, Inc.

325 Fifth Street, San Francisco

819 E. First Street, Los Angeles



Aimee Semple McPherson

Los Angeles, California—1090 Kc.

KFSG

500 WATTS—275.1 METERS
ANGELUS TEMPLE, ECHO PARK. Fitzroy 5121
AIMEE SEMPLE MCPHERSON, Founder, President
P. S. LUCAS, Technician in Charge
"Four Square Gospel"

DAILY EXCEPT SUNDAY AND MONDAY—

10:30 to 11:30 a. m.—Sunshine Hour.
11:30 a. m. to 12:30 p. m.—Noonday Musical.
2:30 to 3:30 p. m.—Grey Studio Program, except Wednesday.
6:30 to 7:30 p. m.—Angelus Hour.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

10:30 a. m. to 12:30 p. m.—Sunday morning worship, Aimee Semple McPherson.
2:30 to 4:40 p. m.—Sunday afternoon, Dispensational, Aimee Semple McPherson.
6:30 to 9:30 p. m.—Revival Service, Aimee Semple McPherson.
10:00 to 11:00 p. m.—Organ Recital, Esther Fricke Greene.

TUESDAY, DECEMBER 13

3:30 to 4:30 p. m.—Vesper Hour.
7:30 to 9:15 p. m.—Evangelistic Service, Evangelist John Goben.

WEDNESDAY, DECEMBER 14

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

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

THURSDAY, DECEMBER 15

3:30 to 4:30 p. m.—Vesper Hour.
7:30 to 9:15 p. m.—Water Baptismal Service, Aimee Semple McPherson.
9:15 to 10:00 p. m.—Grey Studio program.
10:00 to 11:00 p. m.—Organ Recital, Esther Fricke Greene.

FRIDAY, DECEMBER 16

3:30 to 4:30 p. m.—Vesper Hour.
7:30 to 9:30 p. m.—Crusader Rally, Aimee Semple McPherson.

SATURDAY, DECEMBER 17

3:30 to 4:30 p. m.—Children's Happy Hour.
7:30 to 9:30 p. m.—Divine Healing Service, Aimee Semple McPherson.

For 30-Minute Service Call DUnkirk 6072

Los Angeles, California—1040 Kc.

KTBI

500 WATTS—288.3 METERS
BIBLE INSTITUTE OF LOS ANGELES
PROF. H. G. TOVEY, Director of Programs
Phone ME. 6701

DAILY EXCEPT SATURDAY AND SUNDAY—

8:45 to 9:15 a. m.—Devotional Hour.
2:00 to 3:00 p. m.—Inspirational Hour, except Monday.
8:00 to 9:00 p. m.—Biblical Exposition (except Mon. and Friday).

DAILY EXCEPT FRIDAY AND SUNDAY—

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

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

10:45 a. m. to 12:30 p. m.—Regular service of the Church of Open Door.
3:00 to 4:00 p. m.—Jewish Radio Hour.
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.

MONDAY, DECEMBER 12

2:30 to 3:00 p. m.—Monday Club. Special speaker. Music.

8:00 to 9:00 p. m.—Mexican program.

FRIDAY, DECEMBER 16

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.

8:00 to 9:00 p. m.—Program presented by the Gideons.

Ferbend Products are "Maker to User"—no jobber's profit. You get this benefit. You may pay much higher prices, but will not get better than

FERBEND "B" ELIMINATORS

Samuel J. Paul, Distributor

90 Volts, \$13.50 - 180 Volts, \$18.75

1605 W. Ninth St.

DU 0185

Los Angeles



ALLAN FAIRCHILD

Los Angeles, California—1290 Kc.

KFQZ

232 METERS
 1417 South Figueroa St., Los Angeles, California
 Westmore 3001
 ALLAN FAIRCHILD, Program Director and
 Announcer
 L. E. TAFT, Technical Engineer
 WALTER KING, General Manager

DAILY EXCEPT SUNDAY—

- 12:00 to 1:00 p. m.—Panatrophe entertainment.
- 5:00 to 6:00 p. m.—Booster Hour, courtesy So. Cal. Mfrs. Exhibit.
- 6:00 to 7:00 p. m.—Panatrophe Dinner Hour, courtesy Barker Bros.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

- SUNDAY, DECEMBER 11**
 7:00 to 8:00 p. m.—Atkins Saxophone Ensemble; Madge McConnell, soloist.
 8:00 to 9:00 p. m.—Columbia Viva Tonal Records.
 9:00 to 11:00 p. m.—Lou Goldwater
- MONDAY, DECEMBER 12**
 7:00 to 8:00 p. m.—Calawaiia Hawaiian Trio,
 8:00 to 9:00 p. m.—Hollywood Pals.
 9:00 to 10:00 p. m.—Myra Bell Vickers
 10:00 to 11:00 p. m.—Jack Lee's Orchestra.
- TUESDAY, DECEMBER 13**
 7:00 to 7:30 p. m.—Virginia Robere,
 7:30 to 8:00 p. m.—Lucia Ruiz Jay,
 8:00 to 9:00 p. m.—Beverly Playboys;
 9:00 to 11:00 p. m.—Mel Glass and his Kings of Syncopation.
- WEDNESDAY, DECEMBER 14**
 7:00 to 8:00 p. m.—Clint Stevenson's Hawaiian Trio.

- 8:00 to 9:00 p. m.—Brandy and his White Ballroom Orchestra.
 9:00 to 10:00 p. m.—Joe Edmiston, pianist;
 10:00 to 11:00 p. m.—Solly Levin and his California Poppies.
- THURSDAY, DECEMBER 15**
 7:00 to 8:00 p. m.—Leslie E. Taft
 9:00 to 10:00 p. m.—Viola Mayot,
 10:00 to 11:00 p. m.—Jack Lee and his orchestra.
- FRIDAY, DECEMBER 16**
 7:00 to 8:00 p. m.—Playgoers Club,
 9:00 to 10:00 p. m.—Frank Martin, Neva Negus, Lucille Anderson and Hale Hooper
 10:00 to 11:00 p. m.—KFQZ Orchestra.
- SATURDAY, DECEMBER 17**
 7:00 to 8:00 p. m.—Louise Moody Trio
 9:00 to 10:00 p. m.—Leonard Van Berg
 10:00 to 11:00 p. m.—Jack Lee and his orchestra and Leonard Van Berg.

A Christmas Gift

That Will Be Appreciated by All the Family

"IN THE SHADOWS"
 By Detective Nick Harris

30 gripping detective stories that will fascinate and entertain the entire family



GOOD DETECTIVE STORIES INTEREST EVERYONE

You have heard Nick Harris on KFI telling his intensely thrilling stories of famous criminal cases. "In the Shadows" will thrill you.

Price \$2.00 Where All Good Books Are Sold

If your dealer cannot supply you and you wish a specially autographed copy, fill in coupon below.

DETECTIVE NICK HARRIS,
 272 Chamber of Commerce Bldg.,
 Los Angeles, Calif.

Enclosed find \$2.00 for Special Autographed Copy of "In the Shadows." Mail immediately to

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

KGFJ**Los Angeles, California—1440 Kc.**

206.2 METERS

Washington Blvd. at Oak Street, Los Angeles, California

Owned and Operated by BEN S. McGLASHAN

Phones: WESTmore 7593 and WESTmore 7777

*"Keeping Good Folks Joyful"***DAILY EXCEPT SUNDAY—**

- 6:30 to 8:30 a. m.—Breakfast Hour, featuring Ted Greenwaldt and his Early Birds, courtesy of the Aero-Adds Service.
- 8:30 to 9:30 a. m.—Gordon Smith's Radiotising Service, with Jack Brooks singing novelty songs with guitar accompaniment.
- 12:00 to 1:00 p. m.—Merchants' Radio Advertising Bureau program, featuring Classical Hour on the Electrola.
- 1:00 to 3:30 p. m.—Merchants' Radio Advertising Bureau, featuring Lon Parker, contralto; Joan Billings, piano; James Knight Carden, announcer.
- 3:30 to 4:30 p. m.—Gordon Smith's Radiotising Service, featuring Whispering Jack Don.
- 8:00 to 9:00 p. m.—El Patio Ballroom, by remote control from the ballroom.
- 12 midnight to 6:30 a. m.—Studio program featuring the Electrola; Bob O'Hara, announcer. (Except Saturday night.)

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927**SUNDAY, DECEMBER 11**

9:00 a. m. to 2:30 p. m.—Studio programs featuring semi-classical and popular records on the Electrola.

MONDAY, DECEMBER 12

6:00 to 7:00 p. m.—Aero-Adds Service featuring Fred Thomasson and entertainers.

7:00 to 8:00 p. m.—Gordon Smith's Radiotising Service featuring Imperial Orch.

TUESDAY, DECEMBER 13

6:00 to 7:00 p. m.—Aero-Adds Service with Billy Eaves, tenor; Otto Hoeg, pianist.

7:00 to 8:00 p. m.—Gordon Smith's Radiotising Service, with Imperial Orchestra.

WEDNESDAY, DECEMBER 14

6:00 to 7:00 p. m.—Aero-Adds Service with Otto Hoeg, pianist; Marjorie Murrey, blues singer; Dorothy Fern, uke and songs;

7:00 to 8:00 p. m.—Gordon Smith's Radiotising Service featuring Edith Behrman.

THURSDAY, DECEMBER 15

6:00 to 7:00 p. m.—Aero-Adds Service featuring Miss Mason, whistler; Dorothy and Marjorie Cushman, cornet and whistler; Otto Hoeg, pianist; Billy Eaves, tenor.

7:00 to 8:00 p. m.—Gordon Smith's Radiotising Service with Edith Behrman, soprano, and Mary Campion, pianist.

FRIDAY, DECEMBER 16

6:00 to 7:00 p. m.—Aero-Adds Service featuring Metropolitan School of Music and dancing with "Kiddies' Revue of 1927."

7:00 to 8:00 p. m.—Gordon Smith's Radiotising Ser. with Happy Four String Trio.

SATURDAY, DECEMBER 17

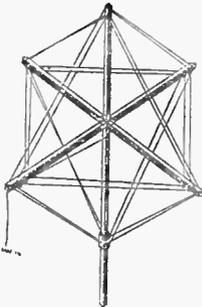
6:00 to 7:00 p. m.—Aero-Adds Service with Otto Hoeg, pianist; Billy Eaves, tenor;

7:00 to 8:00 p. m.—Gordon Smith's Radiotising Service featuring Edith Behrman, soprano; Mary Campion, pianist.

Golden Bear AIR COLUMN SPEAKER

Made in 12 Sizes — Phone WESTmore 2712

Universal Loop Antenna

Wins on the Following Counts:

1. Absolutely non-directional.
2. Sharpens the tuning peak on all sets.
3. 100 feet of antenna wire in small compass, insuring plenty of volume.
4. Will not detract from the appearance of any residence or building.
5. Collapsible feature makes it possible to move it from one house to another with the minimum of labor, or install in attic.

6. Safer, being but five feet across when expanded, makes it easy to install on any house without the danger of contact with high-tension power or light wires.
7. Non-inductive, has the minimum pickup of interference from power lines and the like.
8. Can be erected in from 15 to 20 minutes' time.
9. Ideal for yacht or launch.

Licensed Manufacturer:

JAMES MURPHY

211 N. Bway, Los Angeles, Cal.

Pat applied for by:

R. J. GALL

El Cajon

California

PRICE \$10.00

If Your Dealer Cannot Supply You. Write Direct

Santa Claus Says:

**“Acme Socket Power Means
Maximum Radio Enjoyment”**

**A-B
Socket
Power**



**Type
A-B
280**

“B” Supply—180 volts, 40 mils. Equipped with RCA Type 280 Tube.

“A” Supply—Elkon Unit. Dry—no acids, no bulbs. 5000 hour guarantee on Elkon Unit. Entirely automatic. Furnished in 4 or 6 volt types.

COMPLETE WITH TUBE, \$61.50

Type B-280, Complete
with
RCA 280 Tube, \$28



40 Mils. Output.
Voltage taps
22, 45, 67, 90, 135, 180

N.F. ANDRUSS
COAST FACTORY REPRESENTATIVE
426 LARKIN ST SAN FRANCISCO

ACME ELECTRIC AND MFG. CO. CLEVELAND OHIO.



Little Eddie Barnes
Announcer

K M I C

Inglewood, California

1340 Kc.

250 WATTS—224 METERS

Owned and Operated by James R. Fouch

O. B. MILLS, Engineer

Chamber of Commerce Bldg., Inglewood, Calif.

Phone Direct Wire, THornwall 1121

Long Distance, Inglewood 1897



JAMES FOUCH
Manager

DAILY EXCEPT SUNDAY—

- 7:00 to 8:00 a. m.—Shopping List, with Records.
 8:00 to 9:00 a. m.—New Idea Man's Breakfast Hour.
 9:00 to 10:00 a. m.—New Idea Man's Shopping Tour with Frank Martin.
 11:00 to 12:00 a. m.—Organ Concert.
 12:00 to 2:00 p. m.—Orthophonic Concert.
 3:45 to 4:00 p. m.—Latest News Bulletins, courtesy of Inglewood Daily News.
 5:00 to 6:45 p. m.—Studio organ recital, except Tuesday, Thursday and Saturday.
 6:45 to 7:00 p. m.—Latest News Bulletins, except Tuesday.
 10:00 to 12:00 p. m.—Dance program from Rubaiyat Ballroom at Huntington Park, except Monday.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

- 11:00 a. m. to 12:15 p. m.—Centinella Baptist Church.
 8:00 to 9:15 p. m.—International Bible Students (Ques. and Ans.).

MONDAY, DECEMBER 12

- 10:00 to 10:30 a. m.—Geo. D. Fassett's Hawaiians.
 10:30 to 11:00 a. m.—Courtesy program with Kitty Kirchen, Bud Friend.
 2:00 to 3:00 p. m.—Tiny Newland, Al Jolson of the air, with June Miles and Viola Herta.
 3:00 to 3:45 p. m.—Peggy Price and Morris Sisters.
 4:00 to 5:00 p. m.—Old Song Hour
 5:00 to 6:00 p. m.—Studio Organ Request Hour.
 6:00 to 6:45 p. m.—Wm. Karston and David Rosenthal.

TUESDAY, DECEMBER 13

- 10:00 to 10:30 a. m.—Courtesy program with Tiny Lewis and Mildred Jean.
 10:30 to 11:00 a. m.—Peggy Price (request program).
 12:00 to 3:00 p. m.—Shirley Coplyn, Harry Roe, blues and ballads.
 3:00 to 3:45 p. m.—Billy DeShone, Sylvia L. Rosenthal.
 4:00 to 4:15 p. m.—Health and Diet Talk by Dr. Tanner.
 4:15 to 5:00 p. m.—Wm. Kanner Trio and Martha Schlatter.
 5:00 to 6:00 p. m.—Collegiate Hour.
 6:00 to 6:45 p. m.—Woodcrest School of Music.
 6:45 to 7:00 p. m.—White Rouge program.
 7:00 to 8:00 p. m.—Johnnie Dull's Melody Makers.

WEDNESDAY, DECEMBER 14

- 10:00 to 10:30 a. m.—Program, Geo. D. Fassett's Hawaiians.
 10:30 to 11:00 a. m.—Courtesy program with Kathryn Michelson Wood, pianist; Norma Byington, soprano.
 2:00 to 3:00 p. m.—Evelyn McCulley, soprano, and Johnnie Birch, banjo.
 3:00 to 3:45 p. m.—L. A. Police Quartet with Officer Shoemaker; Safety Talk.
 4:00 to 5:00 p. m.—"Uncle" Marshall Steadman's Kiddies Review.
 5:00 to 6:00 p. m.—Organ request program.

- 6:00 to 6:45 p. m.—Lucille Heisler, piano; Ruth Van Blaricom, violin; Kenneth Reisler, saxophone; J. C. Rumbles, basso.
 7:45 to 8:00 p. m.—Bridge Lesson by Mr. F. Federlin.

THURSDAY, DECEMBER 15

- 10:00 to 10:30 a. m.—Courtesy program
 10:30 to 11:00 a. m.—Peggy Price Request Period.
 2:00 to 3:00 p. m.—Tiny Lewis, Al Jolson of the air, and assisting artists.
 3:00 to 3:45 p. m.—L. A. Fire Dept. Orch.
 4:00 to 5:00 p. m.—Pauline Underleiter and Eddie Abbott.
 5:00 to 6:00 p. m.—Collegiate Hour.
 6:00 to 6:45 p. m.—Artists of the Melting Pot.
 7:00 to 8:00 p. m.—Eva Mannix, whistler; Inez Roach, pianist; Frank Martin.
 8:00 to 9:00 p. m.—Georgie Fabrigat's Orchestra with Peggy Price, Baker Hersey.
 9:00 to 10:00 p. m.—Radio Doings program with Audrey Yvonne Davis and Georgia Fabrigat's Orchestra.

FRIDAY, DECEMBER 16

- 10:00 to 10:30 a. m.—Courtesy program
 10:30 to 11:00 a. m.—Ben Jackson, violin, and Johnnie Burch, banjo.
 2:00 to 3:00 p. m.—R. C. Crouse, tenor; Gloria Clothier, reader, and Genelyn Hart, contralto.
 3:00 to 3:45 p. m.—Eleanor Ross, baritone; Lillian Baker, soprano, and Peggy Price, blues.
 4:00 to 5:00 p. m.—Bob and Buster from KSL (request hour).
 5:00 to 6:00 p. m.—Studio Organ (request hour).
 6:00 to 6:45 p. m.—Harmony Trio; Florence LeBaron, soprano.
 7:00 to 7:45 p. m.—Dick Ross Collegians.
 7:45 to 8:00 p. m.—Bridge Lesson

SATURDAY, DECEMBER 17

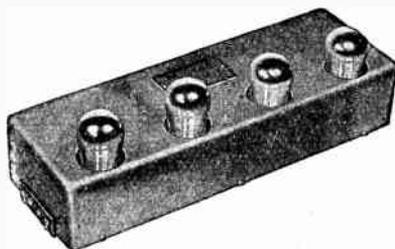
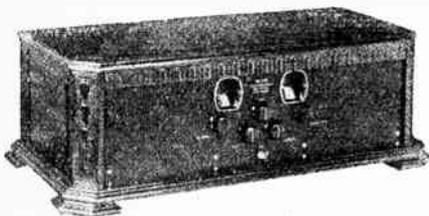
- 10:30 to 11:00 a. m.—Courtesy program with Bud Friend, Verle and Julia Croxell.
 2:00 to 3:45 p. m.—Little Eddie Barnes Frolic.
 4:00 to 5:00 p. m.—Frolic continued.
 5:00 to 6:00 p. m.—Collegiate Hour.
 6:00 to 6:45 p. m.—Moonlight Garden Orch.
 7:00 to 8:00 p. m.—Barnett Trio.
 8:00 to 9:00 p. m.—The Serenaders Quintet.
 9:00 to 10:00 p. m.—The Melody Maids.

SM

*Have You Seen
and Heard*

The New Improved Laboratory Model

Silver-Marshall Super?



It Is Built Around—

The finest long wave amplifier ever made—the 440 Jewelers Time Signal Amplifier.

The stages are matched and peaked in the S-M laboratories, and the completely assembled, wired and shielded unit possesses greater efficiency than any similar amplifier assembled from standard parts.

The audio end employs the famous 220 and 221 transformers. There are no better transformers, regardless of price. The new illuminated S-M drum dials are also worthy of mention.

A FULL LINE OF ALL SILVER-MARSHALL PARTS CARRIED

RADIO MANUFACTURERS SUPPLY CO.

1000 So. Broadway

ME. 3155

Los Angeles

Santa Monica, California—800 Kc.

KNRC

500 WATTS—375 METERS
 Owned and Operated by
KIERULFF & RAVENSCROFT COMPANY
 Municipal Auditorium, Ocean Park, Santa Monica,
 Calif. Phone Santa Monica 63-101.
 C. B. JUNEAU, Transmission Engineer
 R. L. RUST, Advertising Manager
"The Station with a Smile"

DAILY EXCEPT SUNDAY—

1:30 to 2:30 p. m.—Kierulff & Ravenscroft courtesy program.
 3:00 to 3:30 p. m.—Story Hour.
 3:30 to 4:30 p. m.—Crosley Preview.
 6:00 to 7:00 p. m.—Casa DeDi Mar organ.
 7:00 to 8:00 p. m.—Merchants' Preview.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11
 10:45 to 11:45 a. m.—Pilgrim Lutheran Church services.

2:30 to 4:00 p. m.—Band concert.
 7:00 to 8:00 p. m.—Casa del Mar organ.
 8:00 to 9:00 p. m.—Band concert.

MONDAY, DECEMBER 12

1:30 to 2:30 p. m.—Kierulff & Ravenscroft courtesy hour.

2:30 to 3:00 p. m.—Request program.
 8:00 to 10:00 p. m.—Studio program.

TUESDAY, DECEMBER 13

2:30 to 3:00 p. m.—International Bible Students Association.
 4:00 to 4:30 p. m.—F. C. Gardner, Seventh Day Adventist Church.
 4:30 to 5:00 p. m.—Crosley preview.
 8:00 to 10:00 p. m.—Studio program featuring Hal Denny Trio.

WEDNESDAY, DECEMBER 14

2:30 to 3:00 p. m.—Rev. Charles Watson, the Optimistic Parson.
 8:15 to 8:30 p. m.—Eugene Biscailuz.
 8:30 to 10:30 p. m.—Prize fights from Ocean Park Athletic Club.

THURSDAY, DECEMBER 15

2:30 to 3:00 p. m.—International Bible Students Association.
 8:00 to 10:00 p. m.—Studio program featuring Vaughn Trio.

FRIDAY, DECEMBER 16

2:30 to 3:00 p. m.—Request program.

8:00 to 10:00 p. m.—Studio program.

SATURDAY, DECEMBER 17

2:30 to 3:00 p. m.—International Bible Students Association.

8:00 to 9:00 p. m.—Band concert.

9:00 to 10:00 p. m.—Gables Club.

BT Counterphase 8—World's Greatest Radio—Sold with a Distance Guarantee. H. A. Everest, 1032 North Ogden Dr. GRanite 9915.



Major Lawrence Mott
Announcer

Avalon, California—1000 Kc.

KFWO

THE CATALINA ISLAND STATION

(Non-Commercial)

Power 250 Watts—300 Meters

MAJOR LAWRENCE MOTT, Owner-Operator
 MISS FRANCES HEWITT, Studio & Program Dir
"The Isle With a Smile"

DAILY EXCEPT MONDAY—

12:30 to 1:45 p. m.—Hotel St. Catherine Orchestra.
 6:30 to 8:00 p. m.—Hotel St. Catherine Orchestra.

Rebroadcasting of Other Stations on All Evening Programs

SUNDAYS

5:00 to 6:00 p. m.—Miss Hewitt's Golden Hour.
 6:00 to 6:30 p. m.—Riviera Theatre Organ.
 8:15 to 9:15 p. m.—St. Catherine Lobby concert.

MONDAYS

Silent.

TUESDAYS

5:00 to 6:00 p. m.—Miss Hewitt's Golden Hour.
 6:00 to 6:30 p. m.—Riviera Theatre Organ.

FRIDAYS

5:00 to 6:00 p. m.—Miss Hewitt's Golden Hour.
 6:00 to 6:30 p. m.—Riviera Theatre Organ.

The Ideal Christmas Gift

THE FAMOUS KEMPER PORTABLE

KEMPER RADIO SHOP

AMBASSADOR HOTEL



TOM SEXTON

San Diego, California—680 Kc.

KFSD

500 WATTS—440.9 METERS
 Grant Hotel, 326 Broadway, San Diego
 Telephone Main 8661
 WM. H. BLACK, President
 TOM SEXTON, Gen. Mgr.
 "A Kiss from San Diego"

DAILY EXCEPT SUNDAY—

10:00 to 11:00 a. m.—Amy Lou shopping hour.
 5:45 to 6:00 p. m.—Late news items, sporting events by San Diego Union and Tribune.
 8:00 to 7:00 p. m.—Musical Review.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

11:15 a. m. to 12:15 p. m.—Services 1st Unitarian Church.
 2:00 to 3:00 p. m.—Services International Bible Students.
 3:00 to 4:00 p. m.—Services Theosophical Society.
 8:15 to 10:00 p. m.—Concert program featuring Hutton's Hotel Del Coronado Concert quartette and assisting artists.

MONDAY, DECEMBER 12

7:00 to 8:00 p. m.—All Star Five Orch.
 8:00 to 9:00 p. m.—Studio program.
 9:00 to 10:00 p. m.—San Diego Union and Evening Tribune musical program.

TUESDAY, DECEMBER 13

7:00 to 8:00 p. m.—Musical program.
 8:00 to 9:00 p. m.—Thearle's classical orthophonic.
 9:00 to 10:00 p. m.—Studio artists' hour.

WEDNESDAY, DECEMBER 14

7:00 to 7:30 p. m.—Theodora Warfield, Doris Ridgway.
 7:30 to 8:30 p. m.—Concert program, Theosophical Society.

8:30 to 9:00 p. m.—Orthophonic pipe organ recital.
 9:00 to 10:00 p. m.—Aeolian Quartette.
 10:00 to 11:00 p. m.—Ratliff Academy of Dancing.

THURSDAY, DECEMBER 15

7:00 to 8:00 p. m.—San Diego Police Dept. program.
 8:00 to 9:00 p. m.—Unitarian Church concert.
 9:00 to 10:00 p. m.—Ratliff Academy of Dancing.

FRIDAY, DECEMBER 16

7:00 to 8:00 p. m.—Fegan's San Diego Orch.
 8:00 to 8:30 p. m.—Minor Twins, Stubbs Brothers.
 8:30 to 10:00 p. m.—Hutton's Hotel Del Coronado Concert Quartette.

SATURDAY, DECEMBER 17

7:00 to 8:00 p. m.—San Diego High School program.
 8:00 to 9:00 p. m.—Franco-American hour.
 9:00 to 10:00 p. m.—Studio program.
 10:00 to 11:00 p. m.—Ratliff Academy of Dancing.

Western Electric Speakers — Amplifiers
 Childs' Lab., 2310 So. Union

RADIOLA SPECIALISTS

If your Radiola 28 or your Radiola 20 is out of balance, your selectivity and distance is greatly impaired.

We make them perform like they should.

The Harmonics on Your RADIOLA 25 Can Be Eliminated.

—Ask About It!

LABORATORY OF RADIO STANDARDS

E. K. HAYES

2408 West Vernon

VERmont 6543

Los Angeles, Calif.



"HAL" G. NICHOLS
Manager

K F O N

Long Beach, California 1240 Kc.

500 WATTS—242 METERS
PIGGLY WIGGLY STATION

Owned and Operated by
NICHOLS & WARINNER, INC.

Studio: 211 Jergins Trust Bldg. 617-19, 614-60
Office: 212 Jergins Trust Bldg. 617-19, 614-60

"Where Your Ship Comes In"



CLARENCE CRARY
Announcer

DAILY—

4:30 to 7:00 p. m.—Piggly Wiggly Concert Orchestra and Entertainers.

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, Georgia O. George.

DAILY EXCEPT SUNDAY—

11:30 a. m. to 12:00 noon—Press-Telegram Early News, by Frank Goss.

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 Long Beach Municipal Band.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

9:30 to 11:00 a. m.—Capitol Theatre organ.

11:00 to 12:30 p. m.—Second Church of Christ, Scientist.

12:30 to 1:30 p. m.—Birkel Music Co.

1:30 to 2:30 p. m.—Pacific Coast Club

4:00 to 4:30 p. m.—Studio program.

7:00 to 7:45 p. m.—Barkey's Mandolin

Orchestra and "The Eskimo Twins."

7:45 to 9:00 p. m.—Services First Church of Christ, Scientist.

9:00 to 12:00 M.—"Piggly Wiggly All-Star MONDAY, DECEMBER 12

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.—Spencer-Kennelly

1:00 to 1:30 p. m.—Harris Fur Co.

1:30 to 2:00 p. m.—Capitol Theatre Organ.

2:00 to 2:30 p. m.—Rialto Radio Company.

2:30 to 3:00 p. m.—Capitol Theatre Organ.

3:00 to 4:00 p. m.—Women's Music Study

6:00 to 7:00 p. m.—"California Joymakers"

7:00 to 8:00 p. m.—Suydam's Buttercream

8:00 to 9:30 p. m.—Truck Tire Service Co.

9:00 to 12:00 M.—Kiwanis Frolic.

TUESDAY, DECEMBER 13

10:00 to 10:15 a. m.—Piano Recital

12:00 to 12:30 p. m.—Spencer - Kennelly

12:30 to 1:00 p. m.—Georgia O. George.

1:00 to 1:30 p. m.—Kiwanis Club Luncheon.

1:30 to 2:00 p. m.—Harrison's Shoe Store.

2:00 to 2:30 p. m.—Capitol Theatre Organ.

6:45 to 7:00 p. m.—Talk on Health.

7:00 to 8:00 p. m.—Bear Cafe Jazz Band.

9:00 to 10:00 p. m.—"Ye Olde Song Album"

10:00 to 11:00 p. m.—Majestic Ballroom

1:00 to 12:00 M.—Pacific Coast Club organ.

WEDNESDAY, DECEMBER 14

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.—Spencer-Kennelly

1:00 to 1:30 p. m.—Rotary Club Luncheon.

1:30 to 2:00 p. m.—Harris Fur Co.

2:00 to 2:30 p. m.—Rialto Radio Company.

6:00 to 7:00 p. m.—"California Joymakers"

7:00 to 8:00 p. m.—Imperial Theater.

9:00 to 10:00 p. m.—"Piggly Wiggly Snap-

py Hour."

10:00 to 12:00 M.—Pacific Coast Club.

THURSDAY, DECEMBER 15

10:00 to 10:15 a. m.—Piano Recital,

12:00 to 12:30 p. m.—Spencer - Kennelly

12:30 to 1:00 p. m.—Georgia O. George.

1:00 to 1:30 p. m.—Studio Program.

1:30 to 2:00 p. m.—Harrison's Shoe Store.

2:00 to 2:30 p. m.—Health and Efficiency,

7:00 to 8:00 p. m.—Old-Time Barn Dance,

9:00 to 10:00 p. m.—Masterpiece program.

10:00 to 11:00 p. m.—Majestic Ballroom Or-

chestra.

11:00 to 12:00 M.—Pacific Coast Club Organ

FRIDAY, DECEMBER 16

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.—Spencer - Kennelly

1:00 to 1:30 p. m.—Masonic Club luncheon

1:30 to 2:00 p. m.—Rich's Quality Bakery

2:00 to 2:30 p. m.—Rialto Radio Company.

6:00 to 7:00 p. m.—"California Joymakers"

7:00 to 7:30 p. m.—Church of Christ,

7:30 to 8:00 p. m.—Georgia O. George.

9:00 to 10:00 p. m.—"Ye Olde Song Album."

10:00 to 11:00 p. m.—Capitol Theatre Organ

11:00 to 12:00 M.—Pacific Coast Club Orch.

SATURDAY, DECEMBER 17

9:30 to 10:00 a. m.—Studio Program.

10:00 to 10:30 a. m.—Cloverleaf Chocolate

Shop

10:30 to 11:30 a. m.—Capitol Theatre Organ.

12:00 to 12:30 p. m.—Spencer - Kennelly

12:30 to 1:00 p. m.—Georgia O. George.

1:00 to 1:30 p. m.—Harrison's Shoe Store.

1:30 to 2:30 p. m.—Imperial Trio.

7:00 to 8:00 p. m.—Piggly Wiggly Hawaiian

Trio.

9:00 to 10:00 p. m.—Pacific Coast Club

10:00 to 11:00 p. m.—Masterpiece program.

11:00 to 12:00 M.—Majestic Ballroom Orch.



Made in 12 Sizes — Phone
Westmore 2712

*Radio
for Xmas*

*Supreme
Model*
\$ 69.75

*complete
6 Tubes*



PATTERSON RADIO

ALL ELECTRIC

SINGLE Dial Selector (*electrically lighted*) for ease of tuning and selectivity. Modulator Control brings in the stations with powerful volume or faint whisper at will. Built-in Golden Bear Air Column Speaker gives that clear, rich mellow tone which is truly a revelation. Built of the best standard parts. Raytheon equipped. Special A. C. Filament Tubes.



For Dancing

No Batteries or Chargers

FACTORY TO YOU

Patterson Radio Mfg. Co.

Factory
Guarantee

Vandike 8139
239 South Los Angeles St.



CURTIS PECK
Announcer

5:00 to 6:00 p. m.—Children's Hour.
6:00 to 6:30 p. m.—"Ye Towne Crier."
6:30 to 7:30 p. m.—Musical Program, except Thursday.
7:30 to 6:00 p. m.—DX period.

San Francisco, California—710 Kc.

KPO

1000 WATTS—422 METERS
HALE BROTHERS AND THE CHRONICLE
J. W. LAUGHLIN, Managing Director
MRS. FREDERICK CROWE, Program Director
ALBERT J. HODGES, Technical Director
Phone Kearney 5777
"The Voice of San Francisco"

DAILY EXCEPT SUNDAY—

6:45 to 9:00 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.
1:15 p. m.—Stock and Fruit Reports, except Friday.
1:00 to 2:00 p. m.—KPO Orchestra, except Friday.
4:00 to 5:00 p. m.—KPO Orchestra, except Mon., Wed., and Fri.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

9:45 to 10:30 a. m.—Undenominational and non-sectarian Church Services.
6:00 to 6:30 p. m.—States Restaurant Orchestra, Waldemar Lind, director.
6:30 to 7:30 p. m.—Standard Symphony Orchestra.
7:30 to 8:30 p. m.—Organ Recital by Uda Waldrop.
8:30 to 10:00 p. m.—Rudy Seiger's Fairmont Hotel Concert Orchestra.

MONDAY, DECEMBER 12

4:00 to 5:00 p. m.—Robert Nurok Trio.
7:00 to 7:10 p. m.—Book Review.
8:00 to 9:00 p. m.—Abas String Quartet.
9:00 to 10:00 p. m.—Program for San Francisco Branch of manufacturers of White King and Mission Bell Soap.
10:00 to 12:00 midnight — KPO's Variety Hour.

TUESDAY, DECEMBER 13

10:00 to 10:30 a. m.—Ann Warner, domestic economist.
6:30 to 7:30 p. m.—States Restaurant Quartet, Waldemar Lind, director.
8:00 to 8:30 p. m.—Gypsy and Marta, harmony team.
8:30 to 9:00 p. m.—Bridge Lesson No. 7.
9:00 to 11:00 p. m.—N. B. C.'s program over P. C. N.

WEDNESDAY, DECEMBER 14

10:45 a. m.—Betty Crocker's Service talk.
4:00 to 5:00 p. m.—Robert Nrook Trio.
8:00 to 9:00 p. m.—Program by Atwater Kent Artists.
9:00 to 10:00 p. m.—N. B. C. program over P. C. N.

10:00 to 11:00 p. m.—States Restaurant Quartette.

THURSDAY, DECEMBER 15

10:00 to 10:30 a. m.—Ann Warner, domestic economist.
6:30 to 7:00 p. m.—Program for Board of Education.
7:00 to 7:15 p. m.—Art talk by Helen Gordon Barker.
7:15 to 7:30 p. m.—Sports-on-the-Air by sporting editor of The Chronicle.
8:00 to 9:00 p. m.—Program for Calif. Petroleum Corp.
9:00 to 10:00 p. m.—N. B. C.'s program over P. C. N.
10:00 to 11:00 p. m.—States Restaurant Quartet.

FRIDAY, DECEMBER 16

10:45 a. m.—Betty Crocker's Gold Medal
10:45 a. m.—Betty Crocker's Service talks.
11:00 a. m.—Fashion talk by Ninon.
12:45 p. m.—Luncheon address.
1:30 to 2:00 p. m.—KPO Concert Orchestra.
4:00 to 5:00 p. m.—Robert Nurok Trio.
8:00 to 9:00 p. m.—Caswell Hour.
9:00 to 10:00 p. m.—N. B. C.'s program over P. C. N.
10:00 to 11:00 p. m.—KPO Dance Orchestra.

SATURDAY, DECEMBER 17

10:00 to 10:30 a. m.—Ann Warner, domestic economist.
6:30 to 7:30 p. m.—States Restaurant Quartet.
8:00 to 10:00 p. m.—Program by N. B. C., over P. C. N.
10:00 to 11:00 p. m.—KPO Dance Orchestra.



DON'T CUSS

At Your Receiver!

Maybe the Trouble Is in Your

ELIMINATOR OR CHARGER

If it is, we'll tell you *pronto*, and fix it, if it CAN be fixed. We take care of dealers' troubles, too. Give us a buzz at

Westmore 9749

RADIO POWER SERVICE CO., 317 E. 12th St., Los Angeles

Authorized Radiola Dealer

*Courteous
Competent
Salesmen*



*Servicing
by
Experts*

**Radiola 17, Complete with Table and Speaker
\$197.50**

A limited number of these combinations now ready for
Xmas delivery.

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

Convenient Terms Arranged

Phone TRinity 0746

Eastman Kodak Stores, Inc.

510 South Broadway

Los Angeles, Calif.

Oakland, California—780 Kc.

KGO5000 WATTS—384 METERS
PACIFIC COAST STATION, GENERAL ELECTRIC CO.
Phone Fruitvale 5980Howard Millholland
Announcer**DAILY EXCEPT SUNDAY—**

- 11:30 a. m. to 1:00 p. m.—Luncheon concert.
12:30 and 7:00 p. m.—Stock and weather reports. Baseball scores.
6:00 to 6:45 p. m.—Dinner hour concert (except Wednesday).
9:00 p. m.—Time Signals.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927**SUNDAY, DECEMBER 11**

- 11:00 a. m.—First Methodist Episcopal Church service, Oakland.
5:30 to 6:30 p. m.—Crosley Moscow Art Orchestra, San Francisco.
6:30 to 7:30 p. m.—"Standard Symphony Hour," N. B. C.
7:30 p. m.—Weather reports.
7:35 to 9:00 p. m.—First Methodist Episcopal Church service, Oakland.
9:00 to 10:00 p. m.—"Great Moments of History," N. B. C.

MONDAY, DECEMBER 12

- 3:30 to 4:00 p. m.—California Federation of Women's Clubs.
4:00 to 5:00 p. m.—Frank Ellis and his Hotel St. Francis dance orchestra.
5:30 to 6:00 p. m.—Aunt Betty and KGO Kiddies' Klub.
6:45 p. m.—"What's Happening in the World," John D. Barry.
8:00 to 9:00 p. m.—"Spotlight Hour," N. B. C.
9:00 to 9:20 p. m.—Joseph Henry Jackson.
9:20 to 10:20 p. m.—"The Pilgrims."

TUESDAY, DECEMBER 13

- 8:00 to 8:30 p. m.—"Cathedral Echoes."
8:30 to 9:00 p. m.—U. S. Bridge Lessons, N. B. C.
9:00 to 10:00 p. m.—Eveready Hour, N. B. C.

- 10:00 to 11:00 p. m.—"Retold Tales," N. B. C.

WEDNESDAY, DECEMBER 14

- 6:00 to 6:30 p. m.—Kohler and Chase dinner concert.

- 6:35 to 7:30 p. m.—Farm program.
8:00 to 9:00 p. m.—Vaudeville.
9:00 to 1000 p. m.—"The Vagabonds," N. B. C.

- 10:00 to 11:00 p. m.—Frank Ellis and his Hotel St. Francis Dance Orchestra.

THURSDAY, DECEMBER 15

- 5:00 to 5:15 p. m.—"Mental Measurement;"
5:15 to 6:00 p. m.—George W. Ludlow.
8:00 to 9:00 p. m.—N. B. C. studio program.
9:00 to 10:00 p. m.—Miscellaneous musical program, N. B. C.
10:00 11:00 p. m.—Frank Ellis and his Hotel St. Francis Dance Orchestra.

FRIDAY, DECEMBER 16

- 11:10 to 11:30 a. m.—Prudence Penny Home Making 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," Fred Brandt.
8:00 to 9:00 p. m.—Western Artist Series concert.

- 9:00 to 10:00 p. m.—"An Hour in Memory Lane," N. B. C.

- 10:00 to 11:00 p. m.—Girvin-Beale's Hotel Oakland Dance Orchestra.

SATURDAY, DECEMBER 17

- 7:15 to 7:30 p. m.—Weekly sport review,
8:00 to 9:00 p. m.—"RCA Radiotron Hour," N. B. C.

- 9:00 to 10:00 p. m.—"Philco Hour," N. B. C.
10:00 to 11:00 p. m.—Revue program, N. B. C.
11:00 to 12:00 p. m.—Frank Ellis and his Hotel St. Francis Dance Orchestra.



N. E. BROWN

**WHY NOT SAVE YOURSELF
A LOT OF GRIEF AND
MONEY?**

I have saved many people a lot of trouble, disappointment and money who are still satisfied with receivers purchased of me three and four years ago. I have again a few carefully adjusted and tested receivers on hand for those who want the best available for the price they can pay. Make an appointment and learn what it is to talk with one who knows the game and also knows he is guarding his best interests when he carefully guards yours.

Would you expect to purchase fine jewelry in a meat market? Think it over.

Technical Laboratory of N. E. Brown

THornwall 0270

6805 So. Western Ave., Los Angeles

ALLTRON
LA
RADIO-TUBES



PERFECTION

in Reception
Is the Inevitable
Result

When Using This
Super-Tube.

Fully Guaranteed

ALLAN MFG. CO.
1151 Broadway, Los Angeles

Southern California Jobber:

GREEN SPECIALTY CO.

Wholesale Exclusively
1315 W. Jefferson Street Los Angeles
Phone BEacon 1264

"CHIEF" CRYSTAL

(Cat's Whisker Included)



Provides—

Clearness

Volume

Sensitivity

Long Life

Satisfaction

(Insist on This Label)

AT ALL DEALERS

**CHIEF RADIO
CRYSTAL CO.**

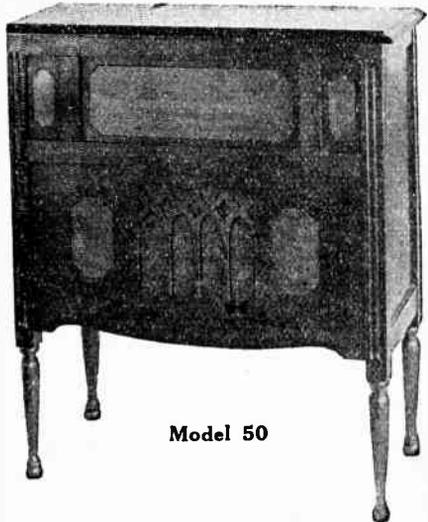
608 E. Fifth St., Los Angeles, Calif.

Distributed by

Cook-Nichols Co. Herbert H. Horn
846 Wall St. 1629 S. Hill St.
Phone TR. 7321 Phone WE. 1713

**SPECIAL
Holiday Offer
Only**

This beautiful Console of absolute
hardwood construction and finished
in duotone lacquer, hand rubbed.



Model 50

Accommodates panel 7 in. to 30 in.
Ample space for batteries, elimin-
ator and loud speaker.

From Now Until Jan. 1, 1928

ONLY \$12⁰⁰ ONLY

Let us save you half on your pur-
chase of Radio furniture. Built to
your own specifications.

Open Evenings till 6 P. M.
Open Sunday till 2 P. M. until after Xmas

**Johnson's Cabinet
Works**

3635 Avalon Blvd. AX. 8662 Los Angeles



"MAC"

San Francisco, California—660 Kc.

KFRC

Owned and Operated by Don Lee
California Distributor for Cadillac and LaSalle
1000 WATTS—454.3 METERS
HARRISON HOLLIWAY, Manager
FRANK MOSS, Musical Director
"Keep Forever Radiating Cheer"

DAILY EXCEPT SUNDAY—

- 7:00 to 8:00 a. m.—Seal Rock Program by Simpy Fitts.
8:00 to 9:00 a. m.—Musical Program
10:00 to 11:00 a. m.—Musical Program, except Monday, Tuesday and Wednesday.
11:30 to 12:00 noon—Amateur Tryouts, except Saturday.
12:00 to 1:00 p. m.—Sherman Clay Concert.
4:30 to 5:30 p. m.—Organ Recital by Theodore Strong.
5:30 to 6:20 p. m.—Mac and his Gang, except Mon. and Thurs.
6:20 to 6:30 p. m.—Stage, Screen, Police and Lost and Found.
6:30 to 7:30 p. m.—Program by the Cecilians.
10:00 to 12:00 p. m.—Program of Dance Music, ex. Mon. and Tues.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

- 10:00 a. m. to 12 noon—Golf Widow's Program.
12:00 to 1:00 p. m.—Services and sermon from the Paulist Father's Old St. Mary's Church.
2:00 to 4:00 p. m.—Sunday matinee.
5:00 to 6:00 p. m.—Organ recital by Theodore Strong.
6:00 to 6:30 p. m.—"Looking at the World" talk by Dr. Frederick W. Clamptt.
6:30 to 8:30 p. m.—Hotel Mark Hopkins Concert Orchestra.
8:30 to 10:00 p. m.—Balconades Ballroom Orchestra.
10:00 to 12:00 p. m.—KFRC Dance Orchestra, Robert Olsen, tenor.

MONDAY, DECEMBER 12

- 9:00 to 10:00 a. m.—Weinstock-Lubin & Co.
10:00 to 11:00 a. m.—Georgia O. George.
11:00 to 11:30 p. m.—Household Hints
5:15 to 5:45 p. m.—Mac and his Gang.
5:45 to 6:20 p. m.—Joe Mendel and his Pep Band from the Lido Cafe.
6:30 to 7:00 p. m.—Sports talk by "Bobs."
7:00 to 7:30 p. m.—The Hawaiians.
8:00 to 10:00 p. m.—Blue Monday Jam-boree.

TUESDAY, DECEMBER 13

- 10:00 to 11:00 a. m.—Georgia O. George.
11:00 to 11:30 a. m.—Doings of Dorothy.
6:30 to 6:50 p. m.—The Cecilians.
6:50 to 7:00 p. m.—"Investment Securities," a talk by Agnes N. Alwyn.
7:00 to 7:30 p. m.—The Cecilians.
8:00 to 10:00 p. m.—KFRC Concert Orchestra.

WEDNESDAY, DECEMBER 14

- 9:00 to 9:10 a. m.—Weinstock-Lubin & Co.
10:00 to 11:00 a. m.—Georgia O. George.
11:00 to 11:30 a. m.—Household Hints by Mary Lewis Haines of The Call.
8:00 to 9:00 p. m.—The Maxwell Coffee Orchestra.
9:00 to 10:00 p. m.—Sally Program.

THURSDAY, DECEMBER 15

- 11:00 to 11:30 a. m.—Doings of Dorothy.
5:30 to 6:10 p. m.—MAC and his gang.
6:10 to 6:20 p. m.—Beauty talk by Madame Marie.
8:00 to 9:00 p. m.—Program of music with Robert Olsen, tenor soloist, and Merry-makers.
9:00 to 9:45 p. m.—KFRC Movie Club, with Joe Benson, pianist, as guest artist.
9:45 to 10:00 p. m.—Flying Lessons, by Lt. Blaine Stubblefield of Boeing Air Transport Co., and U. S. Air Mail Service.

FRIDAY, DECEMBER 16

- 9:00 to 9:10 a. m.—Weinstock-Lubin & Company Shopping Service.
11:00 to 11:30 a. m.—Hints to Home-makers
3:30 to 4:30 p. m.—Student's Hour
8:00 to 9:00 p. m.—Shell Oil Company Symphonists, directed by Lajos Fenster.
9:00 to 10:00 p. m.—KFRC Dance Orchestra.

SATURDAY, DECEMBER 17

- 11:00 to 11:45 a. m.—Amateur Tryouts.
11:45 a. m. to 12:00 noon—Announcement of Sunday Church Sermons.
8:00 to 9:00 p. m.—Musical Program.
9:00 to 10:00 p. m.—Walter Krausgrill's Dance Orchestra.

SILVER THE KING

24 Kt Gold
Pure Silver
Soft
Copper

Gosilco Super Aerial Wire Gold over Silver on Copper

Greatly Increased DX Range, 35% More Volume—Clearer Tone—25% Sharper Tuning—Non-Corrosive. Lacquered to Retain Brilliance. Endorsed by Major Mott, Ormiston, Best, Cockaday, Garver of KNX. A permanent investment. No. 14, 100 ft., \$4.00; 75, \$3.25; 50, \$2.50. Jobbers: A. J. Tobey Co., Elec. Corp., Pac. Whl. Inc., Ungar & Watson, Radio Supply Co.

If Dealer is out, order direct.

GOSILCO RADIO PRODUCTS CO.

Pat. App'd for.

320 Marbrisa Ave., Huntington Park, Cal.

WHY

do the sponsors of radio programs at KMTR get more benefit from their programs than they could from any other radio station in Southern California?

It is because the KMTR programs are consistently the best, thus commanding the largest regular audiences.

WHY

did KMTR Day at the September Radio Exposition in the Ambassador Hotel Auditorium pull a greater crowd by several thousand people than any other Hollywood station?

It was because the radio fans desired to see the artists to which they had listened the most—the best artists available for radio in the West.

WHY

has KMTR been able on three occasions to raise funds for the Los Angeles Community Chest and the Red Cross totaling more than \$5,500, money which has been donated by the station's listeners?

It is because this station that "tops the list" has proven to the public that it is truly "Your Friend In Hollywood," and the public in turn feels friendly to KMTR.

KMTR

"Your Friend In Hollywood"

526 METERS—570 KILOCYCLES

1025 N. HIGHLAND AVENUE

HOLLYWOOD, CALIF.

HOLLYWOOD 3026

G. Allison Phelps, *Manager*



R. M. BITZER
Announcer

Oakland, California—1070 Kc.

KTAB

THE ASSOCIATED BROADCASTERS
EFFIE MERRILL RINEHART
Program Director

DAILY EXCEPT SUNDAY—

- 6:45 to 8:00 a. m.—Health and Good Cheer Hour.
8:30 to 9:00 a. m.—"The Hour of Prayer."
9:00 to 10:00 a. m.—The Town Tattler, except Mon. and Wed.
10:00 to 10:30 a. m.—Shopping Hour.
10:30 to 11:30 a. m.—Educational Lecture, except Saturday.
11:30 a. m. to 1:00 p. m.—Moonday concert.
4:00 to 5:00 p. m.—Uncle Charley, Aunt Belle, except Saturday.
5:30 to 6:45 p. m.—"Who's Who" hour.
6:45 to 7:30 p. m.—Shopping hour.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

- 9:45 to 10:45 a. m.—Prof. E. G. Linsley's Bible Class.
11:00 a. m.—Services of Tenth Avenue Baptist Church.
1:30 to 2:30 p. m. — KTAB's Symphonic Hour.
7:00 to 7:45 p. m.—Vesper Service.
7:45 p. m.—Service of Tenth Avenue Baptist Church.

MONDAY, DECEMBER 12

- 9:00 to 9:45 a. m.—Educational lecture from Mills College.
1:00 to 1:20 p. m.—Dr. R. Bristol Bell, authority on Asthma.
8:00 to 10:00 p. m.—"The Weavers" present "Moods," a musical program.

TUESDAY, DECEMBER 13

- 1:00 to 1:20 p. m.—Dr. J. D. Thompson on "Diet and Health."
8:00 to 9:00 p. m.—Educational lecture from Mills College.
9:00 to 10:00 p. m.—The Music Box Revue.

WEDNESDAY, DECEMBER 14

- 9:00 to 9:45 a. m.—Educational lecture from Mills College.
8:00 to 10:00 p. m.—The California Crematorium program, presenting the Trillium Trio.

THURSDAY, DECEMBER 15

- 1:00 to 1:20 p. m.—Dr. Thompson on "Diet and Health."
8:00 to 9:00 p. m.—Educational lecture from Mills College.
9:00 to 9:30 p. m.—KTAB Ensemble; Gypsy Music.
9:30 to 10:00 p. m.—KTAB Ensemble—Plan-tation Echoes.

FRIDAY, DECEMBER 16

- 1:00 to 1:20 p. m.—Dr. R. Bristol Bell, authority on Asthma.
8:00 to 10:00 p. m.—KTAB Zooks.

SATURDAY, DECEMBER 17

- 8:00 to 9:00 p. m.—Educational lecture from Mills College.

And Now—

Something Different!

FOR THAT CHRISTMAS GIFT



Your Dealer will be glad to show it and you will be glad to have taken the trouble to see it, for you can now go to bed, enjoy the program, and

"REMEMBER—RADIO OWL CAN'T FORGET!"

Radio Owl, 2269 East 51st St., Los Angeles
PHONE DE. 9866

"A Radio Owl on Every Set"

KFWI

San Francisco, California—1120 Kc.

500 WATTS—268 METERS
 RADIO ENTERTAINMENTS, INC.
 1182 Market Street, San Francisco
 G. W. CATTELL, General Manager
 C. H. STIXROOD, Program Director

DAILY EXCEPT SUNDAY—

- 8:00 to 10:27 a. m.—Musical Breakfast Program.
- 10:27 to 10:30 a. m.—Weather Reports.
- 12:00 to 1:00 p. m.—Baldwin Walte Concert (except Thursday and Saturday).
- 1:00 to 1:30 p. m.—Country Store (except Thursday and Saturday).
- 5:00 to 5:30 p. m.—Brunswick Concert.
- 5:30 to 6:00 p. m.—Advance Construction Reports by Albert White.
- 7:00 to 7:15 p. m.—Sports Review (except Saturday).
- 10:00 to 10:03 p. m.—Police Reports (except Wednesday).

SUNDAY, DECEMBER 11

- 7:50 to 9:00 p. m.—Services from Eighth Church of Christ, Scientist.
- 9:00 to 10:00 p. m.—Laura Ellen Winsor, pianist; Pearl May Poore, soprano; Elgin Doane, baritone.
- 10:00 to 11:00 p. m.—Tom Gerunovich's Roof Garden Orchestra.

MONDAY, DECEMBER 12

- 6:00 to 7:00 p. m.—Lloyd Monroe
- 7:15 to 7:30 p. m.—Advertising talk
- 8:00 to 8:30 p. m.—Darnelle Sisters.
- 8:30 to 9:00 p. m.—Suzanne Cole, violinist;
- 9:00 to 10:00 p. m.—Tom Gerunovich and his weird Jungle Jazz, from Jungle Town.
- 10:03 to 11:00 p. m.—Gloria Del Rae;

TUESDAY, DECEMBER 13

- 6:00 to 7:00 p. m.—California Songbird
- 8:30 to 9:00 p. m.—Genevieve Chinn.
- 9:00 to 9:30 p. m.—Program of Spanish and Mexican Music.
- 9:30 to 10:00 p. m.—Zelma Randall and Glenhall in "Sox and the Boy Friend."
- 10:03 to 10:30 p. m.—Remember When - - ?
- 10:30 to 11:00 p. m.—Lloyd Monroe.

WEDNESDAY, DECEMBER 14

- 6:00 to 7:00 p. m.—Thelma Myrick, soprano; Dorothy Bieber, pianist.
- 9:00 to 9:05 p. m.—"Early Mailing," by Postmaster H. L. Todd.
- 9:05 to 9:55 p. m.—Program
- 10:00 to 11:00 p. m.—Tom Gerunovich's Roof Garden Orchestra.

THURSDAY, DECEMBER 15

- 12:00 to 1:00 p. m.—Country Store.
- 6:00 to 7:00 p. m.—Dinner Hour Program.
- 9:30 to 10:00 p. m.—Gloria Del Rae.
- 10:03 to 11:00 p. m.—KFWI Gypsy Band;

FRIDAY, DECEMBER 16

- 8:00 to 8:30 p. m.—Lillian Craig, soprano;
- 9:00 to 10:00 p. m.—Tom Gerunovich and his weird Jungle Jazz from Jungle Town.
- 10:03 to 11:00 p. m.—Program of Popular Music.

SATURDAY, DECEMBER 17

- 6:00 to 7:00 p. m.—Dinner Hour Program.
- 8:00 to 9:00 p. m.—Gypsy Trio;
- 9:00 to 10:00 p. m.—Harriet Lewis, pianist.
- 10:03 to 12:30 p. m.—Surprise Reception.



\$1.00

We Are Distributors in Southern California for

GEM TUBES

201A, X199, V199, A199

Detector & Power Tubes & Rectifiers

32 types of Tubes in stock, including A. C. Tubes
 No. 226 and No. 227

ACME PRODUCTS

- B Eliminators
- A-B Eliminators
- A Eliminators
- All Styles Chargers

KUPROX

- A Trickle Chargers
- B Trickle Chargers
- A Eliminators
- A & B Eliminators

Distributors

GREAT WEST ELECTRIC CO.

1149 Santee St.

WEstmore 9201-9202

Los Angeles, Calif



STEPHEN I. CAYLORD
Announcer

Portland, Oregon—610 Kc.

KGW

1000 WATTS—491.5 METERS
THE MORNING OREGONIAN
"Keep Growing Wiser"

DAILY EXCEPT SUNDAY—

10:00 to 11:30 a. m.—Town Crier, weather reports, news items.
6:00 to 7:00 p. m.—Dinner Concert, except Friday.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

8:30 to 9:15 a. m.—"Aunt Blossom" reading the Sunday comic strips.
11:00 a. m. to 12:00 noon—Morning services from Sunnyside Congregational Church.
3:00 to 4:00 p. m.—Concert by Town Crier Orchestra.
4:00 to 5:30 p. m.—Concert.
5:30 to 6:30 p. m.—Crosley Moscow Art Orchestra over P. C. N.
6:30 to 7:30 p. m.—Standard Oil program, over P. C. N.
7:30 to 8:00 p. m.—The Two Steinway Artists, presented by Sherman Clay Co.
8:00 to 9:00 p. m.—"Neighborhood Drug Store Hour."
9:00 p. m.—Longine Time Signals from N. B. C.
9:00 to 10:00 p. m.—Great Moments of History (N. B. C.).
10:00 to 11:00 p. m.—Public Service Little Symphony Orchestra.

MONDAY, DECEMBER 12

7:15 to 7:30 a. m.—Y. M. C. A. Health Exercises.
7:00 to 7:30 p. m.—Salon Orchestra.
7:30 to 7:45 p. m.—"Better Flowers" talk.
7:45 to 8:00 p. m.—"Travel Talk."
8:00 to 9:00 p. m.—P. C. N. Program, "Spot Light Hour."
9:00 p. m.—Longine Watch Time Signals (N. B. C.).
9:00 to 10:00 p. m.—"Venetian Hour."
10:00 to 12:00 p. m.—Herman Kenin and his Multnomah Hotel Orchestra.

TUESDAY, DECEMBER 13

7:00 to 7:30 p. m.—Meier & Frank's Christmas Program.
7:30 to 7:45 p. m.—Thrift Talk.
7:45 to 8:00 p. m.—Book Chat.
8:00 to 8:30 p. m.—"Sealy Sam Program."
8:30 to 9:00 p. m.—Bridge Games, courtesy of U. S. Playing Card Co., over P. C. N.
9:00 p. m.—Longine Watch Time Signal.
9:00 to 10:00 p. m.—"Eveready Hour," courtesy of the National Carbon Co., N. B. C.

10:00 to 11:00 p. m.—N. B. C. Retold Tales.

WEDNESDAY, DECEMBER 14

7:15 to 7:30 a. m.—Y. M. C. A. Health Exercises.
7:30 to 7:45 p. m.—Utility Service.
7:45 to 8:00 p. m.—Catholic Truth Society Lecture.
8:00 to 9:00 p. m.—White King Orchestra.
9:00 to 10:00 p. m.—P. C. N., "The Vagabonds."
10:00 to 11:00 p. m.—Silver King Revellers.

THURSDAY, DECEMBER 15

7:30 to 7:40 p. m.—Utility Service.
7:40 to 8:00 p. m.—Tommy Luke's Flower Girls.
8:00 to 9:00 p. m.—Concert.
9:00 to 10:00 p. m.—P. C. N. Program.
10:00 to 12:00 p. m.—Herman Kenin and his Multnomah Hoelt Orchestra.

FRIDAY, DECEMBER 16

7:15 to 7:30 a. m.—Y. M. C. A. Health Exercises.
6:00 to 7:00 p. m.—"Golden West Girl," presented by Manufacturers of Golden West Coffee.
7:00 to 7:30 p. m.—Concert.
7:30 to 7:45 p. m.—Utility Service.
8:00 to 9:00 p. m.—Shell 400 Magic Theater Party, "Phantoms of Broadway."
9:00 to 10:00 p. m.—P. C. N. program, "Memory Lane."
10:00 to 10:30 p. m.—Motor Coach Entertainers.
10:30 to 12:00 p. m.—Frolic of the Keep Growing Wiser Order of Hoot Owls.

SATURDAY, DECEMBER 17

7:00 to 8:00 p. m.—Concert.
8:00 to 9:00 p. m.—N. B. C., R. C. A. program, Grand Opera.
9:00 to 10:00 p. m.—"Philco Hour," over P. C. N.
10:00 to 11:00 p. m.—N. B. C., "Saturday Night Review."
11:00 to 12:00 p. m.—Dance music from the Multnomah Hotel.

ROFFY'S New Superfine 3-Tube Circuit Will Amaze You for DX and Tone
J. T. Roffy, 155 Olive St., Walnut Park, Calif. Phone DE. 2756.

Golden Bear AIR COLUMN
SPEAKER

Made in 12 Sizes — Phone
WESTMORE 2712

SANTA CLAUS ON THE AIR!

Listen for Jack Cronshaw and His Toy
Symphonette in Kris Kringle
Tunes and Jingles

Friday Evenings at 7 o'Clock
By Remote Control from the North Pole



You'll Not Find a Better Saturday Night
Program Than

MONA MOTOR HOUR

8 to 9 o'Clock

Featuring

Monamotor Oilers and Lilyan May Challenger



WARNER 360.1 Meters **KFWB** BROTHERS 830 Kc.





G. DONALD GRAY
Announcer

Seattle, Washington—980 Kc.

KOMO

FISHER'S BLEND STATION
METROPOLITAN CENTER, SEATTLE

DAILY EXCEPT SUNDAY—

- 10:00 a. m.—Seattle Council of Churches, Inspirational Services.
10:15 a. m.—Y. M. C. A. Health Exercises.
10:30 a. m.—"What to Prepare for Dinner," by Prudence Penny.
12:00 n.—U. S. Dept. of Agri. Farm Flashes.
12:15 p. m.—Grain report, except Saturday.
12:27 p. m.—U. S. Weather report.
5:00 to 5:15 p. m.—Silent period.
5:15 p. m.—Kiddies' program.
5:45 p. m.—Stock and Bond quotations.
6:00 p. m.—News Flashes and Sports.
6:15 p. m.—Totem Concert Orchestra.
7:57 p. m.—U. S. Weather Bureau report.
9:00 p. m.—Longine Time Signals through N. B. C.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

- 10:00 a. m.—International Bible Students'
11:00 a. m.—Plymouth Congregational Church
1:30 p. m.—Studio program.
5:30 p. m.—Crosley program by N. B. C.
6:30 p. m.—Standard Oil Company of California program over N. B. C.
7:30 p. m.—International Bible Students'
8:00 p. m.—First Church of Christ,
9:00 p. m.—"Longines Correct Time"
10:00 p. m.—N. B. C. program.

MONDAY, DECEMBER 12

- 11:00 a. m.—Varied program.
12:30 p. m.—Varied program.
4:00 p. m.—Totem Concert Orchestra.
4:45 p. m.—U. S. Dept. of Agriculture
5:00 p. m.—Health talk.
8:00 p. m.—Program by N. B. C.,
9:00 p. m.—"Siwash Gulch"
10:00 p. m.—Totem Concert Orchestra
11:00 p. m.—Totem Concert Orchestra

TUESDAY, DECEMBER 13

- 11:00 a. m.—Meat talk arranged by National Farm Radio Council.
11:15 a. m.—Varied program.
12:30 p. m.—Totem Concert Orchestra
7:30 p. m.—"Ask Me Another."
8:00 p. m.—Totem Concert Orchestra
8:30 p. m.—Bridge Lessons conducted by
9:00 p. m.—N. B. C. "Eveready Hour."
10:00 p. m.—N. B. C. program.
11:00 p. m.—Late News Flashes.
12:15 p. m.—Herb Wiedoeft and his orch.
12:15 a. m.—Varied program.
WEDNESDAY, DECEMBER 14
11:00 a. m.—Organ recital.
12:30 p. m.—Totem Concert Orchestra
4:45 p. m.—U. S. Dept. of Agriculture

- 7:45 p. m.—"Opening the Mail."
8:00 p. m.—Totem Concert Orchestra.
9:00 p. m.—N. B. C. program.
10:00 p. m.—Varied program.
10:45 p. m.—Olympic Hotel Venetian Room Orchestra.

THURSDAY, DECEMBER 15

- 11:00 a. m.—Meat talk arranged by National Farm Radio Council.
11:15 a. m.—Varied program.
12:30 p. m.—Varied program.
4:15 p. m.—Totem Concert Orchestra.
7:00 p. m.—Totem Concert Orchestra
8:15 p. m.—Orientalogue.
8:30 p. m.—Totem Concert Orchestra.
9:00 p. m.—N. B. C. program.
10:00 p. m.—Totem Concert Orchestra
10:30 p. m.—Late News Flashes.
10:45 p. m.—Totem Concert Orchestra

FRIDAY, DECEMBER 16

- 10:45 a. m.—Varied program.
11:30 a. m.—Totem Concert Orchestra.
12:30 p. m.—Totem Concert Orchestra
4:45 p. m.—U. S. Dept. of Agriculture
8:00 p. m.—Superior Service Dance Orch
9:00 p. m.—N. B. C. program.
10:00 p. m.—Varid program.
11:00 p. m.—Herb Wiedoeft and his orch
12:00 midnight—Varied program.

SATURDAY, DECEMBER 17

- 11:00 a. m.—Varied program.
12:10 p. m.—U. S. Dept. of Agriculture
12:30 p. m.—Totem Concert Orchestra
7:00 p. m.—Totem Concert Orchestra
8:00 p. m.—R. C. A. Hour through N. B. C.
9:00 p. m.—N. B. C. program, "Philco Hour"
11:15 p. m.—Olympic Hotel Orchestra.

RADIELEC LABORATORY

523 East Pico

WE 3534

Los Angeles

Socket Power and Eliminator SPECIALISTS

Our completely furnished Laboratory is ready to take care of repairs to any make of Power Unit. All work under personal supervision of our Socket Power Expert.

Just Phone WE 3534

Dealers and Set Owners: Just the kind of service you have been waiting for. All work absolutely guaranteed.



MARSHALL STEDMAN
AT

224 Meters

KMIC

1340 Kc.

Owned and Operated by J. R. Fouch
Located in the Chamber of Commerce Bldg.

INGLEWOOD, CALIF.

On the Air All Day, Starting at 7 a. m., Except Sunday

MARSHALL STEDMAN'S KIDDIES REVIEW
Wednesday, 4 to 5 P. M.

PIPE ORGAN IN THE STUDIO

DANCE MUSIC EVERY NIGHT, 10 TO 12 P. M.
Geo. Redman's Orchestra from Rubiyat Ballroom

NEWS BULLETINS
3:45 and 6:45 P. M.

BRIDGE LESSONS
Wednesday and Friday, 7:45 P. M.

Aud. Exclusively

The New Idea Man

Creator of the Little Ant Man and Harvard and Yale Programs.

Phone or write us your Merchandizing Problems

Daily Announcements and Hours and Half-hours
Morning—Noon—Night

Phones: THornwall 1121 — Inglewood 1897



W. C. ("Doc") Gordon
Announcer

Seattle, Washington—860 Kc.

KJR

NORTHWEST RADIO SERVICE CO.
TERMINAL SALES BUILDING
348.6 METERS
Phone Elliott 6288

Vincent I. Kraft, Manager.
Ross W. Swift, Program Director.

DAILY EXCEPT SUNDAY AND SATURDAY—

- 9:00 to 9:45 a. m.—Studio program.
9:45 to 10:00 a. m.—Devotional service.
10:00 a. m. to 12:00 noon—Shopping service and music.
12:00 noon.—Time Signals.
12:00 to 12:30 p. m.—Musical program.
12:30 to 1:30 p. m.—Luncheon Club program from sew Washington Hotel.
1:30 to 4:45 p. m.—Studio program (except Thursday).
4:45 to 5:00 p. m.—Chats by Dr. E. A. Schilling (except Thurs.).
5:00 to 5:30 p. m.—KJR Junior Club (except Thurs. and Friday).
5:30 to 5:45 p. m.—Studio program (except Thurs. and Friday).
5:45 to 6:00 p. m.—New York Stock Quotations.
6:00 p. m.—Time Signals.
6:00 to 6:30 p. m.—News and amusement notices.
6:30 to 7:30 p. m.—Dinner hour concert.
7:30 to 10:00 p. m.—Studio program.
10:00 p. m.—Time Signals.
10:00 to 12:00 p. m.—Vic Meyers' dance orchestra.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

- 12:30 to 6:15 Pp. m.—Musical program.
6:15 to 7:15 p. m.—International Bible Students program.
7:15 to 7:30 p. m.—Twilight Organ Hour.
7:30 to 9:00 p. m.—Service of the First M. E. Church.
9:00 to 10:00 p. m.—Concert Orchestra.

THURSDAY, DECEMBER 15

- 1:30 to 4:45 p. m.—Beauty Chat by Dr. E. O. Schilling.
4:45 to 5:00 p. m.—KJR Junior Club.
5:00 to 5:45 p. m.—Talk on precious stones, by Paul Hansen.

FRIDAY, DECEMBER 16

- 5:00 to 5:45 p. m.—Studio program.

OUR TERMS

Enable You to Enjoy a

MOHAWK

RADIO AT ONCE

*These Sets Operate Direct From Light Socket,
Using New A.C. Tubes
Priced from \$149.50 Up*

SCHWABACHER-FREY

736 South Broadway ~ TRinity 1291

LOS ANGELES!

The
**AERO-ADDS
SERVICE**

Getting Results Over

K G F J

We Are Producers

Washington at Oak
LOS ANGELES, CALIFORNIA



If you want publicity, or want to acquaint the buying public with any commodity, utility, or any type of goods—there is no way like our direct advertising medium.

We are specialists in advertising all types over the air—

**NO PROGRAMS TOO LARGE
NO PROGRAMS TOO SMALL**



Phone WEstmore { **7777** for Information
 { **7593**

We will gladly send a representative at your convenience for any and all information.

Seattle, Washington—670 Kc.



ARTHUR W. LINDSAY
Announcer

KFOA

447.5 Meters—1000 Watts

Owned and Operated by Rhodes Department Store
Arcade Square, Seattle, Washington
Phone MAIN 8000

P. B. GALE, Station Manager
ARTHUR W. LINDSAY, Program Director and
Announcer

DAILY EXCEPT SUNDAY

10:00 to 10:30 a. m.—Rhodes' Air News, except Tues., Thurs., Sat.
1:30 to 2:00 p. m.—Home-making Helps, by Margaret Knowles,
except Saturday.
4:30 to 6:00 p. m.—News Items.
5:00 to 6:00 p. m.—Children's Hour by Big Brother of KFOA, ex-
cept Saturday.
6:00 to 6:30 p. m.—Sperry Four Children's Hour, except Saturday.
9:00 p. m.—Longines Time Signals.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

6:30 to 7:30 p. m.—Standard Symphony
Hour over P. C. N.
8:00 to 9:00 p. m.—Atwater Kent Program,
over P. C. N.

MONDAY, DECEMBER 12

6:30 to 7:15 p. m.—Studio program, pre-
sented by the Taggart Motor Co.
7:15 to 7:30 p. m.—Industrial News.
7:30 to 8:00 p. m.—Sunde & d'Evers Popu-
lar vocal trio, "Under the Awning."
8:00 to 9:00 p. m.—N. B. C. Spotlight Hour.
10:30 to 12:00 p. m.—Coyotes Frolic from
KHQ, Spokane.

TUESDAY, DECEMBER 13

12:30 to 1:30 p. m.—Seattle Kiwanis Club
Luncheon program from the Olympic
Hotel.
6:30 to 7:30 p. m.—Doc Proelss Optical De-
partment concert trio.
7:30 to 8:00 p. m.—KFOA Radio Movie club.
8:15 to 8:30 p. m.—Pantages Theater fea-
ture act.

8:30 to 9:00 p. m.—Bridge Game by the U.
S. Playing Card Company over P. C. N.
9:00 to 10:00 p. m.—Eveready Hour by Na-
tional Carbon Co., over P. C. N.
10:00 to 11:00 p. m.—N. B. C. Program.

WEDNESDAY, DECEMBER 14

12:30 to 1:30 p. m.—Seattle Rotary Club
Luncheon program from the Olympic Ho-
tel.
7:30 to 7:45 p. m.—Albers Bros. Poultry
Talk.
7:45 to 8:00 p. m.—Book Chat by Helmer L.
Webb.
8:00 to 9:00 p. m.—White King Concert Or-
chestra.
9:00 to 10:00 p. m.—N. B. C. Program.
10:00 to 11:00 p. m.—Silver King Revelers
from KGW.

THURSDAY, DECEMBER 15

12:30 to 1:30 p. m.—Shrine Club Luncheon
program from the Chamber of Commerce.
6:30 to 7:30 p. m.—E. R. Buterworth & Sons
Concert Orchestra.
8:00 to 9:00 p. m.—Maxwell House Coffee
Orchestra and soloist from KGW, Port-
land, through the courtesy of the Cheek-
Neal Coffee Co.
9:00 to 10:00 p. m.—N. B. C. Program.

FRIDAY, DECEMBER 16

12:30 to 1:30 p. m.—Members Council
Luncheon program from the Chamber of
Commerce.
6:45 to 7:00 p. m.—Touring Information by
the Automobile Club of Washington.
7:00 to 8:00 p. m.—Sherman Clay & Co.
Concert Orchestra.
8:00 to 9:00 p. m.—Crescent Old Time Trio
of Crescent Brand Coffee.
9:00 to 10:00 p. m.—An hour in Memory
Lane, over the P. C. N.
10:00 to 10:30 p. m.—Shiftless Sam & Pe-
tunia the Scrub Woman in half hour of
blackface comedy.
10:30 to 12:00 p. m.—Hoot Owls from KGW.

SATURDAY, DECEMBER 17

6:00 to 6:15 p. m.—Sport Review.
7:00 to 7:30 p. m.—Boy Scout Program.
7:30 to 8:00 p. m.—Camp Fire Girls pro-
gram.
8:00 to 9:00 p. m.—N. B. C.; R. C. A. Ra-
diotron Hour.
9:00 to 10:00 p. m.—Philco Hour, over P.
C. N.
10:00 to 11:00 p. m.—Saturday Night Re-
vue program from San Francisco, over P.
C. N.

Service! Service! Service!

By Experts Who Know How

A Phone Call to DUnkirk 6072
Will Bring a Man Who Knows in 30 Minutes

DEALERS:

We can Service and Install your Christmas sales without loss of time to you.

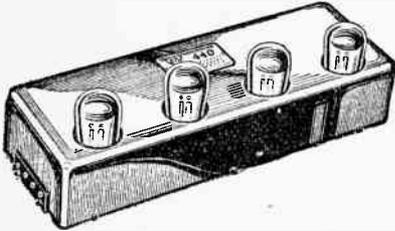
EXCLUSIVE RADIO SERVICE

607 So. Hoover St.

DUnkirk 6072

Los Angeles

SM



We Could Charge More, But— a BETTER Transformer Can't Be Made

That's a cold statement about the S-M 220 audio transformer. It takes steel and copper to make the best transformer. The size and weight of the S-M core—the countless turns of wire—these are the things that produce real transformer quality. And where will you find a heavier or higher grade silicon steel core—



where will you find more copper than in the S-M 220? The 220 has from 25 to 50 per cent more steel and copper in its construction than any other transformer on the market. Do you wonder why 220's are sold on an unconditional guarantee to give you better tone quality than any other audio amplifying unit available? We could charge from 25 to 50 per cent more than we do, but at no price can you get a better transformer. The 220 audio is \$8.00, and the 221 output is \$7.50. They are priced low, not merely made to sell at a low price.

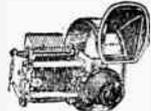
The Finest Long Wave Amplifier Ever Made

With a greater degree of selectivity, with a greater amplification factor—the 440 Jewelers Time Signal Amplifier offers possibilities never before realized in long wave construction. It is more accurate—with a finer degree of calibration—than any long wave amplifier that may be built from standard parts today. It is housed in a copper and brass catacomb and its three radio frequency stages and detector are individually shielded. The 440 Time Signal Amplifier is tremendously popular already. Thousands have been sold, for it's the best long wave amplifier ever developed. It is tuned exactly to 112 K. C., the 2677-meter wave length of the Naval Observatory station at Arlington (NAA). Price \$35.00.

The 805 Illuminated Drum Dial

The new S-M illuminated drum dial adds beauty and distinction to any set, and is one of the few drums that is a real true vernier, controlled by a panel knob. It's almost universal, and will fit any single-hole mount, and most multiple mounting screw, condensers, right or left types.

Furnished with oxidized brass panel window, black and gold universal drum and lamp bracket. Price \$3.



We can't tell you here about all the new S-M developments, but if you'll send the coupon we will forward full data on transformers, power amplifiers, complete light socket operation, etc.

SILVER-MARSHALL, INC., 876-A West Jackson Blvd., Chicago, Ill.

MARSHANK SALES CO.

224 E. 16th St.

WEstmore 8078

Los Angeles, Calif.



FREEMAN H. TALBOT
Announcer

Denver, Colorado—920 Kc.

KOA

500 WATTS—326 METERS
GENERAL ELECTRIC COMPANY
Pacific Standard Time
"Rocky Mountain Broadcasting Station"

DAILY EXCEPT SUNDAY—

- 10:45 a. m.—Weather, Stock and Produce Reports.
11:00 a. m.—Time Signals.
11:05 to 12:05 p. m.—Organ Recital
5:00 p. m.—Stock and Market Reports (except Thursday and Saturday).
5:25 p. m.—Road Reports (except Thursday and Saturday).
5:30 to 6:30 p. m.—Dinner Concert, except Thursday and Saturday.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

- 10:00 a. m.—Service of First Church of Christ, Scientist, Denver.
4:30 p. m.—Organ recital from First Church of Christ, Scientist, Denver.
5:30 to 6:30 p. m.—Brown Palace Hotel dinner concert.
7:00 p. m.—Service of Frist Church of Christ, Scientist, Denver.

MONDAY, DECEMBER 12

- 10:15 a. m.—Program by Reese School.
6:30 p. m.—Appreciation program.
7:00 p. m.—Scheurman's Colorado orchestra.
7:15 to 9:00 p. m.—Colorado Woman's College program.

TUESDAY, DECEMBER 13

- 2:30 to 3:30 p. m.—Housewives matinee, presented by the Zonta Club of Denver.
3:30 to 3:45 p. m.—Culinary Hints, Mrs. Helen Harrington Downing.
3:45 to 4:00 p. m.—Shopping with Betty Dee.
6:30 p. m.—Farm question box, George C. Wheeler.
7:00 to 7:30 p. m.—Radio instruction in auction bridge.
7:30 to 8:30 p. m.—Dance program, Dan's Musical Dons.

WEDNESDAY, DECEMBER 14

- 5:27 p. m.—National Farm Radio Council talk

- 6:30 p. m.—"Tell Me a Story" hour.

THURSDAY, DECEMBER 15

- 2:30 to 3:00 p. m.—Rural Schools, State Department of Public Instruction.
3:00 to 3:30 p. m.—Housewives matinee.
3:30 to 3:45 p. m.—Shopping with Betty Dee.
4:00 p. m.—Stocks, markets, etc.
4:25 p. m.—Road Reports.
7:00 to 12:00 p. m.—KOA's Third Anniversary special musical program.

FRIDAY, DECEMBER 16

- 2:30 to 3:30 p. m.—Housewives matinee.
3:30 to 3:45 p. m.—Culinary hints, Mrs. Helen Harrington Downing.
3:45 to 4:00 p. m.—Shopping with Betty Dee.
6:00 p. m.—"Aggie Kickoffs," Extension service, Colorado Agricultural college, Fort Collins, Colo.
6:30 p. m.—Preview of International Sunday school.
7:00 to 9:00 p. m.—Part One: An Hour of Beethoven's Music; Part Two: Miscellaneous program.
9:00 to 10:00 p. m.—Dance program, Dan's Musical Dons.

SATURDAY, DECEMBER 17

- 11:00 1/4 a. m.—Road Reports.
8:00 to 10:00 p. m.—Chief Gonzales and his Arabian Room Orchestra.

The NEW-IDEA MAN, Creator of the Little Ant Man Yale & Harvard Program

21 years a salesman on the road—now on the air—Merchandizing Ideas
—and their proper presentation.

Phone THorn. 1121, Or Address 2901 Harcourt Ave., Los Angeles

Standard Radio Co.

Telephone: Westmore 1560

417 West Pico Street

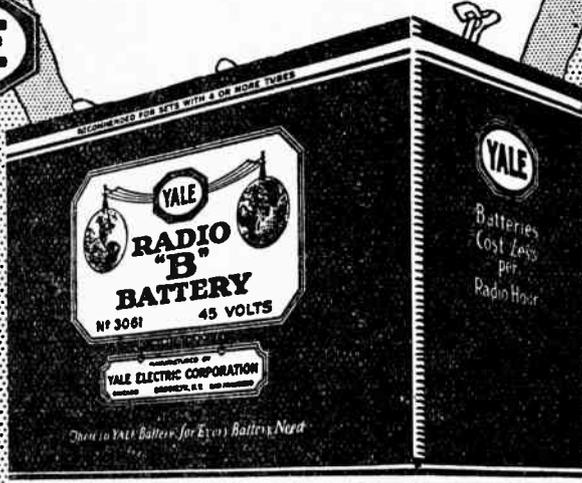
11 years in the Radio business in Los Angeles. Call on us or phone for free advice in regard to modernizing your Radio set.

Authorized Sales and Service

ATWATER KENT CROSLY FEDERAL FADA
ROLA AND WESTERN ELECTRIC SPEAKERS

YALE RADIO Batteries

cost less per
radio hour!



During service hours Yale Batteries deliver a steady stream of pulsing power. Because of their exceptional recuperative powers while idle, they yield a premium—a PLUS supply of power! That's why Yale Batteries cost you less per hour of reception.



CHILTON & GRANT RADIO CO.

2011 Chester Ave.

Phone 578

Bakersfield, Calif.

Q. and A.

(Continued from Page 33)

where we may expect radical or sensational developments of a "revolutionary" nature.

As to the new tube—the limitations of our standard "A" type of tube as a radio frequency amplifier has been set by the comparatively high value of inter-electrode capacity. That is, the plate and grid circuits are coupled together because of the capacity between the two circuits afforded by the elements of the tube themselves. Various methods of counteracting this internal tube capacity have been used, such as the Hazletine neutralizing system. But to overcome this obstacle in the tube itself is the goal toward which certain tube engineers have been laboring and the announced UX-222 is the result. In addition to the ordinary grid, which now must be called the "control grid" (to distinguish it from the new member, called the "screen grid") there is the new screen arrangement which in effect shields the plate from the other elements. The "screen grid" carries a positive potential and functions to overcome the inter-element capacity effect by reducing the electro-static field. The tube thus becomes self-neutralized, with the result that amplification may be carried to a high value without oscillation of the tube interfering.

Used in an RF amplifier in the broadcast frequency band, it is claimed that a tube amplification of 40 per stage is obtainable, while as an intermediate amplified in a superheterodyne, where low frequencies are handled, the ampli-

fication may be as great as 200 per stage.

It is necessary to shield the tube and certain other parts of the circuits used with it. Individual tube shields, such as Tyrman has used with standard tubes, now become essential. No doubt there will shortly be several kit sets offered using the new type of tubes, when a more accurate idea of the worth of the tubes may be formed. An independent manufacturer already has a similar tube on the market.

Studio News

(Continued from Page 34)

Four telephone men were up at the studio of KGFJ this week wondering what to do about the hundreds of calls that come to their studio daily.

KPLA proudly announces the "signing up" of the White King Quartet and the Mission Bell Trio. The latter artists have proven very popular in the past, over various stations, but will now be an exclusive KPLA feature, furnishing the dinner hour music on their schedule.

Two other changes have been effected in KPO's schedule. The recently inaugurated Board of Education program, presented hithertofore on Friday evenings, will be given in the future on Thursday evenings, from 6:30 to 7 o'clock. The new series of dinner concerts, which was begun recently under the auspices of the Sussman and Wormser Company, will now be given on Monday, Wednesday and Friday evenings, from 6:30 to 7 o'clock.

DON'T DISCARD THOSE TUBES because they no longer give the original volume. Restore them to normal condition with an

R. S. C. TUBE REJUVENATOR

If filaments light, they can usually be renewed so as to give months of service.

Every set owner needs a Rejuvenator.

Only \$2.75 at your dealer's, or send P. O. Order and Rejuvenator will be sent by return mail.

RADIO SALES CO., 724 W. Vernon Ave., Los Angeles, Calif. AX. 2947

Timely Trade Topics

The Howard Radio Distributing Company, formerly of 6229 Banner Place, has just moved into a beautiful new store at 1236 Maple avenue.

Mr. Stuart had to come to the Radio Center, and it is predicted that it will not be very long before all the Radio jobbers are located within a radius of two blocks of Twelfth and Wall streets.

Mr. A. J. Tobey, president of the A. J. Tobey Company, of 1145 Wall street, has just returned from a few days' vacation spent in the Imperial Valley, where he had some wonderful quail and duck shooting.

The Tobey Company are in the midst of a big season, successfully merchandising such lines as Philco, Friend-Elsemann, Arborphone and Golden Bear.

The Karas Company of Chicago, Ill., manufacturers of the famous Karas Kits and AC transformers, have just appointed Mr. E. M. Park, Southern California representative. Mr. Park will have his office and warehouse at 316 Commercial street, telephone TRinity 9431.

Mr. Les Taufenbach, president of Western Radio, Inc., has just returned from a trip to San Francisco and Northern California.

Mr. Lee Yount, owner of the Guardian Radio Service of 1915 West Ninth street, Los Angeles, reports that the servicing of radio receivers has become so large that he and his service-men have had to work day and night to keep up with the orders which keep pouring in. A good service business is as necessary to radio as a good garage is to the automotive industry.

Ralph Gaut, All-Henry authorized dealer at Hermosa Beach, is located at 1028 Manhattan Avenue, in spite of the fact that his address has been given incorrectly twice in advertisements in Radio Doings. Unfortunately we have had Mr. Gaut moving all over Hermosa, but in this issue, by mutual agreement between type-setters, proof-readers, etc., we have him where he actually is, at 1028 Manhattan, Hermosa.

That set builders regard Electrad Royalties as the standard among variable High resistances is evidenced by their wide and growing use among fans building sets.

These resistances have received the endorsement of many leading radio authorities wherever resistance of this type are required in the circuits. Among the features that make for their accuracy and practicability are the following:

- 1—Resistance always the same at the same point;
- 2—contact made positive by metallic arm on wire wound strip;
- 3—entire range of resistance covered with one turn of the knob;
- 4—resistance value under control in manufacture and does not change with use.

Lombard J. Smith, 324 North San Pedro street, Los Angeles, has been appointed California representative for the McMillan line of receivers.

A. F. Zimmerman, who for nearly three years was in charge of the service department of the Four-Square Radio, Compton, Cal., has just opened the Rex Music Company, at 2248 Burton avenue, Willowbrook (in the Lynwood district). Mr. Zimmerman will feature Crosley Radio, as well as sheet music, pianos and band and orchestra instruments.



An Ideal Combination!

Good Reception and *RADIO DOINGS*.

RADIO DOINGS is a weekly directory showing just what station to tune in for a favorite piece or program.

The programs of leading stations are conveniently arranged in detail, hour by hour.

Concise and interesting topics covering the entire field of radio keep you posted weekly and furnish enjoyable recreational reading as well.

A miniature log section of all American stations over 250 watts is corrected and presented each week.

You will be agreeably surprised at the additional pleasure of listening-in!



RADIO DOINGS,
407 East Pico St.,
Los Angeles, Calif.

Or

RADIO DOINGS,
927 Hearst Bldg.,
San Francisco, Calif.

Gentlemen: Enclosed find \$3.00. Please mail *RADIO DOINGS* to my address each week for one year.

Name.....

Street.....

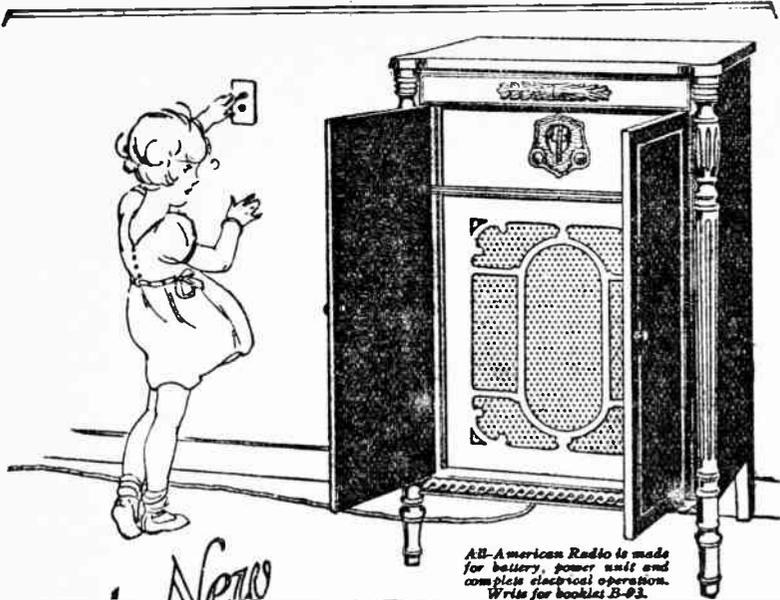
City and State.....

New

(Please specify)

Re-newal





All-American Radio is made for battery, power unit and complete electrical operation. Write for booklet B-93.

the New



ALL-AMERICAN
 TRADE MARK
Electric
RADIO

All-American Franchise Dealers

HOLLYWOOD
 Hansen Radio
 7575 Sunset Blvd.

Hollywood Electric
 6636 Hollywood
 Blvd.

SHERMAN
 Janssen & Iverson
 8739 Melrose

LYNWOOD
 Wyde Electric Co.
 11425 Long Beach
 Blvd.

RIVERSIDE
 H. R. Wilson
 846 Walnut

LONG BEACH
 Cobler Radio Shoppe
 216 Pine Avenue

LOS ANGELES
 Anderson Radio
 9114 1/2 South
 Vermont

Motley Electric
 7761 Santa Monica
 Blvd.

SANTA MONICA
 J. C. Suits
 825 Wilshire Blvd.

WHITTIER
 K. D. Miller
 218 South Greenleaf
 Ave.

OCEAN PARK
 Pier Avenue Radio
 142 Pier Avenue

PASADENA
 Ries Radio Service
 975 E. Colorado

SAN DIEGO
 C. B. Shephard



Southern California Distributor

HERBERT H. HORN

1629 S. Hill St.

Los Angeles

WE. 6331



BOSCH RADIO

ARMORED



Bosch Radio delights me by its clearness and the rich coloring of the tones, both vocal and instrumental.—

Christine Schumann Heintz

All Bosch Sets may be had with either DC or AC operation direct from your light socket.

Many Models to Choose From—Prices from \$68.50 to \$340.00

See Your Nearest Bosch Dealer Now

Yale Radio Electric Co.

Exclusive Wholesale Distributors

1111 Wall Street

LOS ANGELES

WEStmore 3351