

# RADIO DOINGS

RED BOOK OF RADIO

**10¢**  
WEEKLY

*The Radio Authority  
of the  
Pacific Coast*

2301 W 29th Place 1-30-28  
Edwin A. ...



The Pride of KMIC

Vol. XIII  
No. 25

DECEMBER 16-22  
1928

# SLIDING DOOR CONSOLE 8-TUBE AC CROSLEY



*With Dynamic Power  
Speaker and Tubes*

**\$195<sup>20</sup>**

*Complete*

The Newest Model in Radio Cabinets — the Sliding Door Model! Already the Most Popular Design of 1928-29.

## CROSLEY SHOWBOX

The AC electric radio that has created so much comment throughout the radio world. Its performance is amazing. Genuine Neutrodyne—8 tubes—self-contained.

## DYNACONE

Just as sensational as the Showbox is the Crosley Dynacone—the dynamic speaker for power receivers. Its wonderful tone and clearness of reception is amazing.

## SHOWERS CONSOLE

With doors that slide to right and left out of sight.

The loveliest walnut veneers have been selected to create a beautiful surface on this artistic model.

*At Your Nearest Crosley Dealer*

*Exclusive California Distributors*

**KIERULFF &  
RAVENS CROFT**

RADIO EQUIPMENT



133-141  
W. 17th Street  
LOS ANGELES

121-131  
Ninth Street  
SAN FRANCISCO

# CROSLEY RADIO

*"You're There With a Crosley"*

*Here are a few of the Franchised Dealers who will gladly  
Demonstrate the Complete Crosley Line for you*

## LOS ANGELES

### *Downtown*

**Figueroa Radio Shop**  
937 W. Seventh St.  
TUcker 7031

### *South*

**De Hoog Brothers**  
6120 S. Broadway  
THornwall 0224

### *Southwest*

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

**Robinson Radio Shop**  
4528 So. Western Ave.  
VERmont 6683

**Wesenberg Radio Music  
Co.**  
3915 S. Western Ave.  
VERmont 7929

## Southeast

**Lord Hardware Co.**  
4525 Central Ave.  
HUmbolt 9115

### *Washington-Vermont*

**Hamilton & Son**  
1558 Washington Blvd.  
BEacon 0214

### *West Adams*

**Metro Radio**  
4480 W. Adams  
EMpire 6223

### *Westlake*

**Arcade Radio Studio**  
743 1/4 S. Alvarado  
DRexel 6859

### *Alhambra*

**Lewis Radio Studio**  
127 West Main St.  
Phone 2032

## ANAHEIM

**Radio Den**  
134 W. Center  
Phone 975

## GLENDALE

**Shuck Music Co.**  
211 N. Brand Blvd.  
Douglas 417

## INGLEWOOD

**Mil Zillgitt**  
110 S. Market St.  
Phone 23

## LONG BEACH

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

**Reliable Radio Shop**  
200 E. 4th St.  
Phone 636-450

**Ward Bros. Radio Studio**  
2909 E. Anaheim St.  
Phone 347-242

*"You're There With a Crosley"*

# MAGNAVOX *"Dynamic"* SPEAKERS



## *The Aristocrat*

Beautiful burl  
walnut cabinet fin-  
ished in two tones

For A-Battery  
Operation..... \$60  
AC Operation... \$70

**FIRST  
SPEAKER  
FIRST  
DYNAMIC**

LICENSED APPLIANCE

**DYNAMIC**

THE MARK OF THE GENUINE



*Many Dynamics* but all have sprung from Magnavox—the original—the kind used by leading set manufacturers—the dependable one for you to buy. Rich, full reproduction with sweeping volume . . . . every tone vividly distinct.

**THE MAGNAVOX COMPANY**

Oakland, California Chicago, Illinois

# Radio and More of It!

**R**ADIO factories the country over are humming with peak production. The persistent demand from countless homes for the high grade, superior receiver that is manufactured today has been quickly absorbing the whole output for months.

This year has very conclusively demonstrated that mass manufacture of radios is no hinderance to a perfectly successful and highly attractive instrument.

In America particularly everything is favorable to the owning of a receiver. The relative prices are far lower than in foreign countries and there are no fees, licenses or restrictions. Broadcasting monopolies are unheard of so that there is always something on the air of real interest to every taste from hundreds of stations.

It is hard to convince people of the truly amazing entertainment and variety that is continually radiating through the atmosphere around them. Making the nominal investment necessary for a set every person can enjoy many happy, if not downright thrilling hours. The perfect reproduction of a modern instrument and the clear receiving conditions just accomplished through the new allocations beckons constantly greater audiences to the use of this remarkable facility.

After the receiver is bought and installed the secret of successful radio entertainment is to know where to find what is wanted. Without that knowledge it is discouraging to tune station after station and still fail to suit that particular mood you are experiencing. To avert this trouble and serve as a reliable program directory RADIO DOINGS features the advance schedules of prominent Western stations. Any radio owner would appreciate such a guide as a Christmas gift.

This coupon is your opportunity not only to please some friend or relative every week of 1929 but its use will successfully express your individuality in a gift.

*Tear Here*    *Mail This Coupon Today*    *Tear Here*

---

Radio Doings, 407 East Pico Street, Los Angeles, California.

**Gentlemen:** Please enter a year's subscription to RADIO DOINGS, beginning with Christmas week, for the following. Send a greeting gift card to be received just before December 25th.

Name and Address.....

Name and Address.....

Name and Address.....

Name and Address.....

Name and Address.....

Your Name.....Address.....

RADIO DOINGS, December 15, 1928. Issued weekly at Los Angeles, Calif. Volume 13, No. 25. Subscription \$3.00 a year. Entered as second class matter, November 13, 1922, Los Angeles, Calif. Post Office, under Act of March 3, 1927.

# Your Radio Needs!

No Matter What It Is, Our Stock Is Complete and Up-to-the-Minute at All Times and at Your Command, from the Smallest to the Largest Accessory.

## BUILD YOURSELF A SET

*Here Are a Few to Choose from:*

**Sargent-Rayment 7**  
**Remler 29 SG Super**  
**Scott Shield Grid Nine**  
**Silver-Marshall 720**

Coast-to-Coast Four  
 Round-the-World Four (Short Wave)

**Browning-Drake SG 5**  
**Aero International Four**  
**Power Packs**  
**Public Address**  
**Television**

**Power Amplifiers**  
**Magnavox Dynamics**

**NAME IT—WE HAVE IT**

*"The Parts Warehouse of the West"*

**RADIO SUPPLY CO.**

H. A. DEMAREST, President

912-914 S. Broadway

VA. 6063

Los Angeles, Calif.

WHOLESALE

*Largest Radio Parts Jobber West of Chicago*

# KITS or PARTS

## RECEIVING AND TRANSMITTING

*Always a Complete Stock*

Watch This List of Parts for Changes

- |                              |                          |                               |
|------------------------------|--------------------------|-------------------------------|
| Alco Loops                   | Dudlo Mfg. Co. Wire      | Polymet Condensers            |
| Acme Apparatus               | Dunham Loops             | Preston DX Ground             |
| Acme Wire                    | Dunton Solder            | Racon Horns                   |
| Advance Crystals             | Eby Binding Posts        | Radiall Co. Amperites         |
| Aero-Products                | Ekko Ground Clamps       | Radio Owls                    |
| Aerovox Wireless<br>Products | Electrad Products        | Ray-O-Vac Batteries           |
| All-American Products        | Elkon Chargers           | Raytheon Tubes                |
| American Beauty Irons        | Essenbee Ball Aerial     | Readrite Meters               |
| Amertran Products            | Flewelling Adaptors      | REL Apparatus                 |
| Amperites                    | Formica Insulation Co.   | Remler Products               |
| Amsco Condensers             | Franco Batteries         | Samson Transformers           |
| Baldwin Units                | Frost Products           | Sangamo Condensers            |
| Baldor Motors                | Goodrich Rubber Panels   | Scranton Hydrometers          |
| B B L Cone Units             | Gosilco Wire             | Selectone Transformers        |
| Benjamin Elec. Mfg. Co.      | HFL Transformers         | Sensory Insulators            |
| Beaewood Linze Rectifiers    | Hammarlund Products      | Skindervicken Buttons         |
| Birnback Products            | Hedgehog Transformers    | Silver Marshall Products      |
| Bodine Loops and Coils       | H-K Sodderdip Lugs       | Sovereign AC Tubes            |
| Bouldin Cage Antennas        | Hoosick Parts            | Spaulding Bakelite            |
| Brandes Phones               | Jefferson Products       | Steinite Eliminators          |
| Branston Honeycomb<br>Coils  | Jones Products           | Sterling Testers              |
| Bremer-Tully Products        | Karas Products           | Super Ball Antennas           |
| Bretwood Leaks               | Kelbrackets              | Sunset Aerials and<br>Grounds |
| Browning-Drake Kits          | Kellogg Parts            | Thordarson Transformers       |
| Camfield Coils               | Knapp Power Units        | Tobe Condensers               |
| Carborundum Products         | Kodel Products           | Tom Mack Products             |
| Cardwell Condensers          | Kurz-Kasch Dials         | Tower Speakers                |
| Carter Products              | Kuprox Chargers          | Transcontinental Coils        |
| CeCo Tubes                   | Lynch Leaks              | Tyrman Parts                  |
| Celeron Panels               | Magnaformer Units        | Universal Battery Clips       |
| C R L Resistance             | Magnavox Dynamics        | Universal Microphones         |
| Chicago Kester Solder        | Marco Products           | Utah Units                    |
| Clarostats                   | Master Voltage Controls  | Vesta Power Units             |
| Corning Pyrex Insulators     | Morris Ball Antenna Kits | Victoreen Parts               |
| Crescent Transformers        | Mueller Universal Clips  | Ward Leonard Products         |
| Daven Radio Parts            | Naald Parts              | Wesholly Ground and<br>Aerial |
| DeJur Rheostats              | National Soldering Irons | Weston Meters                 |
| DeLuxe Products              | National Co. Parts       | X. L. Variodensers            |
| Dictogrand Units             | Paratone Cone Units      | Yaxley Products               |
| Dubilier Condenser Corp.     | Parvot Condensers        |                               |
|                              | Phonovox Pickups         |                               |

DEALERS: Park Next Door At Our Expense

## RADIO SUPPLY CO.

H. A. DEMAREST, President

912-914 S. Broadway

VA. 6063

Los Angeles

WHOLESALE

*Largest Radio Parts Jobber West of Chicago*

## The Extra Tube

In the New

# DAY-FAN

Means

**DX With a Wallop!**

Price  
**\$157.50**

Less Tubes



Beautiful  
Burl  
Walnut  
Cabinet

### Excellence in Performance and Beauty

This set is new in design, in simplicity and the extra tube gives an increased range, volume and selectivity that makes Day-Fan the greatest performer of them all.

But again, it is built to a standard for musical instruments that is old—that does not change. In years to come the quality of Day-Fan musical reproduction will be appreciated at today.

A Day-Fan for Christmas Will Be Appreciated By the Whole Family

Console Model, \$297.50 - Consolette, \$215.00  
Less Tubes

Dealers: A few choice districts still open.

Exclusive Southern California Distributors

## C. C. LAWTON CO.

1125 Wall St.

WESTmore 3960

Los Angeles

# The Powerful DAY-FAN

Means

## DX With a Wallop

Let One of These Dealers Show You:

SOUTHWEST LOS ANGELES

**Martin's Radio Shop**

3910 S. Western Ave.  
UN. 3190

Open Evenings Till Nine

HUNTINGTON PARK

**S. E. Cummins**

Phone for Demonstration in  
Your Home  
Phone DE. 7764  
2116 Mortimer Ave.  
Out Santa Fe, in 6700 Block

WEST LOS ANGELES

**Rimpau Radio**

4808 W. Washington  
WH. 3061

Open Evenings till 10 P. M.  
10 A. M. to 4 P. M. Sundays

PASADENA

**Roberts Radio**

FRANK THOMAS, Mgr.

Lake Ave. at Orange Grove  
Sterling 7305

Evenings Till Nine

BEVERLY HILLS

**G. & L. Electric Co.**

436 N. Canon Dr.  
OX. 3003

Open Evenings

POMONA

**Schwartz & Heimerl**

228 W. Second St.  
Phone 795

Open Evenings - Easy Terms

WEST HOLLYWOOD

**R. N. George Co.**

7859 Melrose Ave.  
GR. 5274

Open Evenings - Easy Terms  
Trade in your old Radio

SANTA ANA

**Preston Radio Co.**

211 E. Fourth St.  
Phone 695-J

Open Evenings

LONG BEACH

**Cobler Radio Shoppe**

216 Pine Avenue  
Phone 627-29

Open Evenings Convenient Terms

CYPRESS

**Vern's Radio Shop**

Priddy Bldg.  
Phone Anaheim 8711-J-1

Open Till 7 P. M. Convenient Terms  
Also Handling Crowsley





*Falck  
Model 6A  
Complete  
with 8 tubes  
and genuine  
Magnavox  
Dynamic  
Speaker—\$160*

## Give a FALCK and get more Thanks!

Hunt East, West, North or South—you will not find the equal of this Los Angeles-made radio in all 'round value. It is a gift that pleases *everyone*. Enduring all-electric efficiency, distance, accurate selection, single dial tuning convenience, tonal perfection, elegant appearance—everything a radio lover could want is in this 8-tube Falck Model 6A, with the new power-type Magnavox Dynamic Speaker. And only \$160 complete! Think of it.

# Falck

ALL-ELECTRIC\* RADIO

\*Since August, 1926

Any of the dealers listed below will be glad to demonstrate the new Falck Radio Models to you in your own home, without obligating you in the slightest degree.

### LOS ANGELES

Angelus Radio Service  
1325 W. 54th St. VE 3656.  
Birdsall Radio Shop  
8635 S. Vermont. YO. 8642.  
Brandy Glass & Radio Co.  
2214 Alessandro St. OL. 3616.  
Walter F. Brown Radio Studio  
4508-10 Hollywood Blvd. OL. 4783.  
Coast Furniture Co.  
861 Figueroa St. TU. 1651.  
A. W. Cooper  
1315 1/2 W. 39th St. VE. 0767.  
Danz Music Co.  
105 N. Spring. TU. 1264.  
George W. Dewey  
5125 S. Western Ave. VE. 7744.  
Eddie's Electric Shop  
3408 Glendale Blvd. OL. 4209.  
Golden Gate Radio Co.  
(West Coast Theatre Arcade)  
5180 Whittier Blvd. AN. 7983.  
Holmlund Bros. Furn. Co.  
6707 S. Broadway. TH. 4486.  
L. & Y. Electric Co.  
8864 W. Pico. CX. 1509.  
Paramount Radio & Electric Co.  
5515 Santa Monica Blvd. HE. 8473.  
Peoples Outfitting Co.  
3990-96 S. Vermont. VE. 3143.

Geo. R. Schofield, Inc.  
3550 Whittier Blvd. AN. 3221.

H. H. Walker Electric Co.  
1323 Venice Blvd. BE. 1311.

Wheeler's Shop All Electric  
112 N. Avenue 56. GA. 2208.

ALHAMBRA—Alhambra Music House  
105 E. Main St. Tel. 1754.

GLENDALE—Roche Radio Service  
1148 N. Central Ave. Douglas 5218.

LA HABRA—P. & M. Radio Store  
109 W. Central Ave. 8565.

LONG BEACH—Kelm Radio Co.  
147 E. 4th St., Cor. Locust. 618-329.

Vollard's Radio Studio  
652 American Ave. Tel. 618-355.

Ward Bros. Radio Studio  
2909 E. Anaheim. 347-242.

PASADENA—The Song Shop  
16 S. Raymond Ave. WA. 2919.

REDONDO BEACH—Electric Radio Shop  
(Paul Eich) Arcade Bldg.

WALNUT PARK—Lettenny's Furn. Store  
2680 E. Florence Ave. DE. 3245.

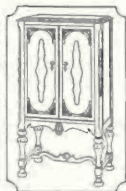
WATTS—Clark & Icher  
9625-9627 Holmes Ave. DE. 1254-R1.

## Falck Models

Climax Model—\$89.50. Six tubes, including rectifier tube. All-electric operation. Completely self-contained in an artistic console cabinet. A wonderful set at this low price.

Falck Model 6B—\$139.50. An eight-tube, single dial controlled set. Improved built-in cone speaker. Completely enclosed in a beautiful walnut cabinet.

Model 6A—\$160.00. Eight tubes including 4 Radio Frequency tubes and Rectifier tube. Built-in power type genuine Magnavox Dynamic Speaker. Beautiful walnut cabinet.



Manufactured and Guaranteed by  
**ADVANCE ELECTRIC COMPANY**  
1260 W. Second St. Los Angeles, Calif.  
Pioneer Manufacturers of Radio Equipment

Realize what big money  
has followed from success  
in the RADIO BUSINESS!

0374 One Month Spare Time



"Recently I made \$375 in one month in my spare time installing, servicing, selling Radio sets. And, not so long ago, I earned enough in one week to pay for my course."  
**EARLE CUMMINGS,**  
10 Webster St., Haverhill, Mass.

0197 In Five Months



"The N. R. I. is the best Radio school in the U. S. A. I have made \$1597 in five months. I shall always tell my friends that I owe my success to you."  
**HENRY J. NICKS, Jr.,**  
102 Seaside Ave.,  
Tarpon Springs, Fla.

0104 Spare Time Profits



"Look at what I have made since I enrolled, \$1,261—money I would not have had otherwise. I am certainly glad I took up Radio with N. R. I. I am more than satisfied."  
**HENRY B. BRINKMAN,**  
123 W. Erie St., Chicago, Ill.

Over \$1000 in Four Months



"My opinion of the N. R. I. course is that it is the best to be had at any price. When I enrolled I didn't know a condenser from a transformer, but from December to April I made well over \$1000 and I only worked in the mornings."  
**AL JOHNSON,**  
1499 24th St., Sandusky, Ohio

# I will show you too how to start a spare time or full time Radio Business of Your Own without capital



J.E. SMITH Pres.

Radio's amazing growth is making many big jobs. The worldwide use of receiving sets and the lack of trained men to sell, install and service them has opened many splendid chances for spare time and full time businesses.

Ever so often a new business is started in this country. We have seen how the growth of the automobile industry, electricity and others made men rich. Now Radio is doing the same thing. Its growth has already made many men rich and will make more wealthy in the future. Surely you are not going to pass up this wonderful chance for success.

More Trained Radio Men Needed

A famous Radio expert says there are four good jobs for every man trained to hold them. Radio has grown so fast that it simply has not got the number of trained men it needs. Every year there are hundreds of fine jobs among its many branches such as broadcasting stations, Radio Pictures, jobbers, dealers, on board ship, commercial label stations, and many others. Many of the six to ten million receiving sets now in use are only 25% to 40% efficient. This has made your big chance for a spare time or full time business of your own selling, installing, repairing sets.

I Will Train You At Home In Your Spare Time

I bring my training to you. Hold your job. Give me only part of your spare time. You don't have to be a college or high school graduate. Many of my graduates now making big money in Radio didn't even finish the grades. Boys 11, 15 years old and men up to 60 have finished my course successfully.

You Must Be Satisfied

I will give you a written agreement the day you enroll to refund your money if you are not satisfied with the lessons and instruction service when you complete the course. You are the only judge. The resources of the N. R. I. Pioneer and Largest Home-Study Radio school in the world stand back of this agreement.

So Many Opportunities You Can Make Extra Money While Learning

Many of our students make \$10, \$20, \$30 a week extra while learning. I'll show you the plans and ideas that have proved successful for them—show you

how to begin making extra money shortly after you enroll. G. W. Page, 1807-21st Ave., S., Nashville, Tenn., made \$935 in his spare time while taking my course.

I Give You Practical Radio Experience With My Course

My course is not just theory. My method gives you practical Radio experience—you learn the "how" and "why" of practically every type of Radio set made. This gives you confidence to tackle any Radio problems and thus supply your pay envelope to you.

You can build 100 circuits with the Six Big Outputs of Radio parts I give you. The pictures here show only three of them. My book explains my method of giving practical training at home. Get your copy!

Get My Book

Find out what Radio offers you. My 64-page book, "Rich Rewards in Radio" points out the money making opportunities the growth of Radio has made for you. Clip the coupon. Send it to me. You won't be obligated in the least.

*This Book points out what Radio offers you. Get a copy!*



Address

J. E. Smith, Pres.

Dept. 44G4

National Radio Institute

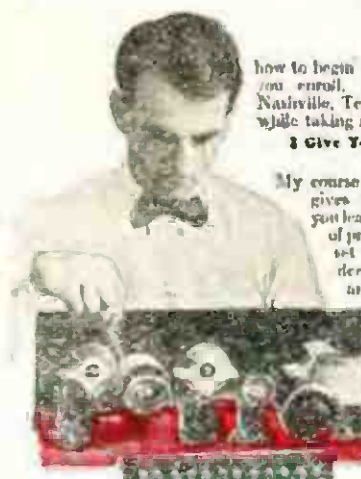
Washington, D. C.

**This coupon is good for a FREE copy of my Valuable Book. Mail it NOW!**

J. E. Smith, President  
Dept. 44G4  
National Radio Institute, Washington, D. C.

Dear Mr. Smith: Send me your book. I want to know more about the opportunities in Radio and your practical method of teaching at home in spare time. This request does not obligate me to enroll and I understand an agent will call on me.

Name.....Age.....  
Address.....  
City.....State.....



# Radio Topics of the Day

*A Weekly Review of Radio News, Thought and Opinion*

## A MESSAGE FROM OUR COMMISSIONER

The following letter, sent out by Mr. Harold Lafount to the listeners of his zone, who have reported to him their views of the new allocation plan, is intended to clear up any confusion on the part of the public in regard to the why and wherefore of the new set-up:

"Under the 1928 Radio Act (Davis Amendment), the Commission is ordered to re-distribute the wave lengths and other radio facilities equally among the citizens of the nation, that is, to States according to population. This meant that from certain sections heretofore enjoying an excess or high degree of radio service, wave lengths have had to be withdrawn, and transferred to less favored States and sections.

"The Reallocation of November 11th faithfully carried out this redistribution and all parts of the nation now have their proportions of the radio total, based on population, in compliance with the mandate of Congress.

"Each State and section, now also has its appropriate share of the various positions on the dial.

"While the deruction of radio service in certain parts will occasion some inconvenience, it is believed that citizens thus deprived will cheerfully accept this equalization and re-distribution, knowing that the facilities thus lost by them are being made available to other American citizens in other parts of the country which formerly had little or no radio service."

## COMMISSION SAYS PUBLIC APPROVES REALLOCATION

In the first official word expressed on the subject, the Federal Radio Commission contends that the new reallocation of wavelengths is a success.

"It was naturally expected that a large number of complaints and pro-

tests would flow into the commission's offices at Washington," the commission announces. "These complaints have materialized, but analysis of the letters reaching the commission shows that the complaints have been chiefly centered about five or six specific local cases of station time-sharing or interference, while comparatively little general protest or complaint about the allocation has developed in contrast with what might have been expected from a radio audience numbering forty millions of people.

"On the other hand, it had been supposed that little or no favorable or approving comment would find its way into the commission's mail, on the theory that pleased listeners would not take the trouble to write. Here again a surprise faced those thus predicting the human reaction, for several hundred telegrams and letters already received from all parts of the country, tell eloquently of the writers' appreciation of the relief afforded to radio listeners, and particularly to those whose locations away from the large cities force them to depend upon distant stations for their regular programs.

## TRADE COMMISSION MAY QUASH TUBE COMPLAINT

In view of the recent decision of the Supreme court of the United States in refusing to review the so-called tube case of the Radio Corporation of America against the receiver for the De Forest Radio Company, some action is due in the near future by the Federal Trade Commission.

The Trade commission several years ago issued a complaint against the Radio Corporation of America, claiming, among other things, that the corporation is a monopoly. That case has never been decided, but it is expected that the motion to dismiss the case, which is now pending before the commission, will be taken up shortly.

# KENNEDY

The Royalty  of Radio

**Born to the Purple**  
*The Latest and Most Distinguished Receivers of a  
Royal Ancestry*



*The performance of the latest model Kennedy receivers reach new heights and attain that vibrant, living realism sought by the connoisseur. The operation is outstandingly simple and literally places a world of entertainment at your finger tips.*

## Royal Eighty I

Combination radio receiver and phonograph. A beautiful dark walnut console cabinet with full swinging doors and all built-in features, including Record compartments.

The very latest type electric motor combined with the powerful 8-tube Kennedy receiver, operating a power Dynamic Speaker, makes this instrument the peer of radio-phonograph combinations.

Exclusive Wholesale Distributors

## C. W. Smith Co.

407 E. Pico St.

Suite 506

Tel. WE. 9466

Los Angeles

# KENNEDY

The Royalty  of Radio



The Kennedy All-Electric receiver was designed by some of the best engineers in the radio industry. Electrically and mechanically perfect. Rigid steel chassis and rugged construction throughout. New type, staggered, four ganged condensers operated by single Patented drum dial. 8 tubes, including Type 200 full wave rectifier. Circuit employs two Type 171 cover tubes in push-pull amplification.

## Royal Eighty II

A beautiful dark walnut highboy console with full swinging doors. The latest type built-in Dynamic Speaker.

Extreme selectivity and sensitivity, with worlds of power and volume. Exact reproduction from the high treble to the low bass.

The best All-Electric Dynamic type console offered to the radio public this season.

*The complete line of Kennedy Models on display at our showrooms. Let us demonstrate them to you.*

*Dealers: Colin B. Kennedy originated the idea of exclusive franchises for Radio dealers. The new Kennedy line will be merchandised the same way.*



Exclusive Wholesale Distributors

## C. W. Smith Co.

407 E. Pico St.

Suite 506

Tel. WE. 9466

Los Angeles

No. 40 of a Series.



A Gift of a  
**JENSEN**  
 Speaker  
 Will Please  
 the Whole  
 Family . . . .

The family that finds a Jensen Speaker on Christmas morning, has been given—not a thing—but years of radio entertainment. For a Jensen gives to any good radio the means by which it can provide increasing pleasure.

Its utterly faithful reproduction combined with the charm of its newly designed cabinet, makes the Jensen Speaker a handsome present, of which both the donor and receiver will be justly proud.

## JENSEN RADIO MFG. CO.

212 Ninth Street

Oakland, Calif.

*Exclusive Southern California Distributor*

## YALE RADIO ELECTRIC CO.

1111 Wall Street

Los Angeles

*Distributed in the West by*

P. W. Gavin Co.  
 1183 Front St., San Diego  
 Stubbs Electric Co.  
 75 Sixth St., Portland, Ore.

Robert Weinstock, Inc.  
 642 Mission St., San Francisco  
 Harper-Meggee, Inc.  
 4th at Blanchard, Seattle, Wash.  
 Harper-Meggee, Inc.  
 214 Howard St., Spokane, Wash.

The Motor Hdw. Equipment Co.  
 San Diego, Calif.  
 Pacific Wholesale Radio, Inc.  
 Folsom at 7th St., San Francisco

# JENSEN

## DYNAMIC SPEAKER

—“The Finest in Radio”

Licensed under Magnavox Patents.



# STUDIO NEWS

The cover shows the powers behind the microphone at KMIC. They are reading from left to right, Mildred Jean, noon announcer; Little Eva Barnes, blues singer; James R. Fouch, owner of KMIC and KFVC; Mrs. Mabel Barnes, of "Mabel's Cooking Hints" fame; "Little Edillo" Barnes, Studio Director and Program Manager; Marie Hocking, studio organist and accompanist; and T. B. Olmstead, operator.

KFI will present a Christian Science Lecture by John Ellis Sedman, C. S., of Cambridge, Massachusetts, on Monday, Dec. 17, at 12:10 p. m.

John Daggett, beloved by thousands as Uncle John of KHJ, is conducting a half-hour Children's Program over KNX on Wednesdays and Fridays, at 6:30 p. m. Those who enjoyed his Uncle John hour over KHJ will want to tune in, as these programs are done with the assistance of several small children, as they were formerly.

"From a Ming Vase" is the intriguing title of a new program to be given over KFRC, next Thursday, at 8 p. m. This will be the first of a series of programs by John Eugene Hasy, called " Tales from An Antique Shop."

The Haines Sisters, popular Public Theaters entertainers of New York, will be heard for the first time in the West over KPLA Sunday, December 16th, from 10 to 11 p. m.

Cass Hagan and His Orchestra, featuring Ned Nichols and His Original Five Pennies Orchestra are broadcasting over KTM, from the Plantation, every night except Sunday, from 11 to 12 p. m.

Thursday, December 20th, KOIN will present a program of dance music from the lounge room of the Broadway Theater, beginning at 10:30 p. m.

Laurita Nance and Mildred Brotzman are being featured in blues songs over KGFJ every Sunday, from 1:30 to 3:30 p. m., and every night, from 10:30 to midnight.

KSJ brings "The Victory Hour" Male Quartet before the microphone at 7:30 p. m., Wednesday, December 19.

Don Lee Christmas Party is the name of a program to be broadcast over KHJ on Saturday, December 22, at 8 p. m.

Red Wyatt who, for several years, has been entertaining listeners-in with his songs done to a uke accompaniment, is to be heard over KFI Thursday, December 20, from 6:30 to 7 p. m.

KEJK will present "A Night in Spain," featuring the Spanish Troubadours and other exclusive KEJK artists next Thursday evening, from 9 to 10.

Another delightful program by Loren Powell's Little Symphony, featuring Eva Olivotti, soprano, will be heard over KMTR, Tuesday evening, from 10 to 11.

Dolores Cassenelli and Los Sevillanos will entertain Tuesday, December 18, from 7:30 to 8 o'clock, through NBC System stations from the New York NBC studios. KHQ, KOMO and KGO will broadcast this program.

Vincenzo Pometti's Concert Orchestra will be heard over KFWB Monday, December 17, from 9:30 to 10 p. m.

## Griffin Joins Pacific Wholesale, Inc.

The appointment to the position of director of sales of C. W. Griffin, recognized as one of the ablest radio executives in the West, marks another forward step in the meteoric career of Pacific Wholesale, Inc., Southern California distributor for Sparton Equasonne radio receivers.

In less than two years Pacific Wholesale has advanced from practically a standing start to a position of commanding importance in the Pacific Coast

knowledge in the East as well as the West.

"As we look back upon our humble beginning and realize the progress we have made in the last two years, we feel encouraged to believe that yet greater things are ahead of us," said Mr. Fagan. "Sparton always has been, to my mind, the peer of all all-electric receivers, just as it was the pioneer of all all-electric receivers. But in the revolutionary new Equasonne receiver we have something that we believe to



C. W. Griffin

Walter Fagan

Donald Keith

radio field. While nationally, Sparton Radio has progressed from 67th place to fourth place in three short years, Sparton's strides on the Coast, under the leadership of Walter M. Fagan, president of Pacific Wholesale, have been even more spectacular.

Mr. Griffin, the newest acquisition to Pacific Wholesale executive ranks, was for the last three years sales manager for Ray Thomas, Inc. His knowledge of radio, his acquaintance with the radio retailers, is said to be unsurpassed by that of any man in the West.

In Pacific Wholesale, he joins a picked organization, headed by Walter M. Fagan, who has spent his entire adult life in electric appliance and radio merchandising. Associated with him also is Donald Keith, a business systematizer and organizer who is ac-

be infinitely superior to any other circuit ever created—far, far better than even the most advanced of Sparton sets were a year ago.

"To have done as well as we have with Sparton as it was is a challenge to all of us to do still better with Sparton as it now is. And when I say 'we' I include all that splendid corps of progressive radio retailers who have marched shoulder to shoulder with us in our advance of the last two years. Without their loyalty and their cooperation and the fine spirit that they have displayed, we could not have done what we have done, and we would hesitate to undertake what we propose to do. But, knowing the mettle of our co-workers as we do, we face with confidence the most pretentious program for 1929 that any local radio distributor ever has considered."

# The Sparton Equasonne

Is Startling the Radio World

Call One of These Dealers for Demonstration

**DOWNTOWN**  
**Birch-Smith**  
**Furniture Company**  
*Usual Birch-Smith Terms*  
 737 So. Hill St. TRinity 4121

**VENICE BLVD.**  
**H. H. Walker**  
*Liberal Trade-in. Terms to Suit*  
 1323 Venice Blvd. Beach 1311

**SO. WESTERN AVE.**  
*Free Demonstration*  
*Convenient Terms*  
**Robinson Radio Shop**  
*Open Evenings*  
 4528 So. Western Ave. VE. 6683

**SANTA BARBARA AVE.**  
*Every Minute Service*  
**C. & G. Elec. & Radio Co.**  
*Demonstrations that will Convince*  
 1501 W. Santa Barbara VE. 5205

**HUNTINGTON PARK**  
*Radio is our Business—Not a side line*  
**P. A. Dougherty**  
*6 Years in Huntington Park Selling*  
*High Grade Radios*  
 6324 So. Pacific Blvd. DE. 4852

**SANTA MONICA**  
*Free Home Demonstration*  
**F. C. Bobsene**  
 421 Santa Monica Blvd. S. M. 255-32

**PASADENA**  
**F. C. Nash & Co.**  
*Convenient Terms*  
 Colorado at Broadway  
 Colorado 5311 ELLiot 3750

**SAN PEDRO**  
*Exclusive Radio Store*  
**Pacific Radio Store**  
*Oldest in San Pedro*  
 1102 Pacific Ave. Phone 429W

**REDONDO BEACH**  
**A. H. Costley**  
*Terms :: Home Demonstrations*  
 200 So. Pacific Redondo 2473

**SAN DIEGO**  
*Exclusive Radio Shop*  
**Reynolds Radio Shop**  
*Every Minute Service*  
 3636 University Ave. Hillcrest 7363



*This new Sparton Equasonne is the greatest radio the world has ever known at any price. And don't you buy a radio until you have heard*

*Walter M. Fagan*  
*President Pacific Wholesale, Inc.*

And Now....  
 you can depend  
 upon your

## SPARTON EQUASSONNE RADIO

for Christmas!



This Splendid  
 Senior Console Model,  
 COMPLETE, \$395.00  
 Other models from  
 \$210 to \$225 complete,  
 as a Christmas  
 Delivery is Guaranteed.

At the very moment this page leaves the press, the SPARTON CHRISTMAS SPECIAL is rolling into the East Yards of the Union Pacific in Los Angeles. On this Special, rushed at express-train speed across half the continent, is your CHRISTMAS SPARTON EQUASSONNE Radio. You can depend upon Christmas delivery, if you place your order now. Go to any Sparton Dealer listed on the next page; reserve your set for Christmas. Walter M. Fagan, president of Pacific Wholesale, Inc., Southern California Sparton Distributor, personally guarantees Christmas delivery.

## SPARTON

THE PIONEER ALL-ELECTRIC RADIO

# SPARTON

"The Pathfinder of the Air"

The Authorized Sparton Dealers listed below will gladly demonstrate the new sensational Equasonne in your home without obligation.

- Los Angeles**  
 AMERICAN ELECTRIC CO., INC.  
 2409 N. Vermont Ave. RB 0574.  
 ANGELUS RADIO SHOP  
 4508 Santa Monica Blvd. DL 7763.  
 ASSOCIATED RADIO SERVICE CO.  
 4141 Beverly Blvd. WA 926A.  
 AVALON RADIO SHOP  
 2223 Arden Blvd. AX 0527.  
 BARKER BROS.  
 7th and Placema. ME 3840.  
 8524 Hollywood Blvd. EO 4211.  
 BAKER & FITZGERALD  
 2903 W. 10th. VE 1184.  
 BECKMAN & ROUND, INC.  
 4279 S. Vermont. VE 0774.  
 BIRCH-SMITH FURNITURE CO.  
 177 N. Hill St. TH 4121.  
 BISHOP & BUSHARD  
 1117 W. Adams. BP 2456.  
 4203 S. Phoenicia. SD 2192.  
 BOSWELL BROS. & BEANSON  
 Filbert and Alhambra. DL 7731.  
 WALTER F. BROWNE  
 4008 Hollywood Blvd. DL 4783.  
 C & O ELECTRIC CO.  
 1501 W. Santa Barbara. TV 320A.  
 GAYLORD RADIO & BLECTRIC  
 608 S. Vermont. TH 7015.  
 MARDING GOODEN, INC.  
 7402 Hollywood Blvd. OR 1151.  
 JENKINS RADIO STORE  
 8529 N. Broadway.  
 LOWMEYER'S MELROSE RADIO SHOP  
 4634 Vine Ave. 21 8471.  
 MANCHESTER RADIO & ELEC. SHOP  
 152 E. Florence. BU 2100.  
 MORTON & MORTON  
 2311 N. Broadway. CA 9484.  
 OTTO & OLSEN  
 1580 N. Vine. OL 2104.  
 ROBINSON RADIO SHOP  
 3228 N. Vermont. VE 6085.  
 MAX & SCHIFFMANN  
 367 N. Main. VA 3087.  
 STANDARD RADIO CO.  
 417 W. 1st St. W2 1052.  
 TOBEY RADIO STORE  
 8405 Santa Monica Blvd. CB 8201.  
 VERMONT MUSIC CO.  
 328 S. Vermont. DR 2223.  
 VICKER'S FURNITURE CO.  
 858 S. Vermont. TR 1327.  
 H. M. WALKER  
 1721 Venice Blvd. BE 1311.  
 WESTBROOK & HURST  
 3524 Washington. GA 9930.  
 WILSHIRE MUSIC CO.  
 665 S. Phoenicia. WA 8078.  
 YOUNG'S RADIO & MUSIC CO.  
 513 W. Santa Barbara Ave. BU 7041.
- Southern California**  
 ALHAMBRA Radio Photo Shops  
 Alhambra  
 Almas Piano Co., 122 W. Center.  
 Knize Music Co., Phone 158.  
 AZUSA: Clary's Radio Shop  
 120 E. Pumphill Blvd. Corina 283-246.  
 BAKERSFIELD: Clary's Radio Shop  
 1404 10th St. 1280.  
 BALDWIN: Clary's Radio Shop  
 101 W. Cortina Blvd. Corina 674-12.  
 BANNING: Bruce Dancy  
 Box 205. Phone 210.  
 BELLFLOWER: W. W. Warner  
 381 Broadway. SD 2100.  
 BEVERLY HILLS: Beverly Hdw. Co.  
 414 Beverly Dr. OX 7133.  
 BRANWELL: Imperial Valley Hdw. Co.  
 BURGANE: Glen Oaks Radio Shop  
 195 E. Glen Oaks Blvd. Phone 772.  
 Norwood's B20N. San Fernando 210.  
 CAIRFIELD: Imperial Valley Hdw. Co.  
 CAIRFIELD: Glen Oaks Radio Shop  
 COLTON: Henderson's Furniture Co.  
 OCEAN BEACH: Straub Radio Co.  
 241 Broadway. Highway 9215.  
 OCEAN PARK: Plur. Ave. Radio Co.  
 142 Plur. Ave. Santa Monica 615-21.  
 DANFORTH: R. T. Kelly  
 247 N. Pacific. Phone 781.  
 ORANGE: Coe's Radio Shop  
 104 W. Chapman Ave. Phone 66.  
 Foster & Barker Music Co.  
 111 Clifton.
- San Francisco**  
 CONYERS: Canton Music Co.  
 235 E. Main St. Phone 5232.  
 GORDANO: Coplan Radio Co.  
 120 10th St.  
 GORDANO: Coronado Radio Elec. Co.  
 1100 Geary St. Phone 899.  
 GOVINA: Kirby Peyton  
 1100 Geary St. Phone 899.  
 CULVER CITY: Radio Electric Shop  
 7022 Main St. Phone 2992.  
 DOWNEY: N. F. Myers  
 233 N. Crawford Ave. Phone 4146.  
 EL CAJON: Nelson-Feltman Music Co.  
 Phone 841.  
 ELIZABETH: Imperial Valley Hdw. Co.  
 Phone 801.  
 ENCINITAS: Wade M. Paterson  
 Phone 31-1.  
 EUREKA: E. R. Weber  
 1714 Ventura Blvd. Van Nuys 5021-12.  
 ESCONDIDO: Yancy's Music Co.  
 128 E. Grand Ave. Phone 44.  
 FALLBROOK: E. B. Waite  
 Filbert and Alhambra. DL 7731.  
 GARDEN: Don Sparks. 509 W. 165th  
 Phone 2472.  
 GLENDALE: Russell Electric Co.  
 1317 Santa Monica. Alhambra 5033-1.  
 ROSEMEAD: Rosemead Radio Elec. Co.  
 1517 Santa Monica. Alhambra 5033-1.  
 SAN DIEGO: S. S. Spence. California Hotel. 423-29.  
 Edmonson Radio & Electric Co.  
 101 Adams Ave.  
 Hancock Music Co.  
 Harris Radio Co.  
 120 W. Broadway. Frank 3054.  
 PRIMAVERA: The Radio Store. 2083 Beacon St.  
 118 Broadway. Main 5548.  
 Reynolds Radio Shop.  
 3628 University Ave. Hillcrest 7888.  
 Rogers Radio Shop  
 404 R. R. Franklin 3700.  
 SAN FRANCISCO: Adams Ave.  
 Edmonson Radio & Electric Co.  
 110 W. Illinois Ave. Phone 1176.  
 SAN FRANCISCO: Mission Pharmacy  
 1000 Mission St.  
 SAN JACINTO: Lloyd Record's Garage  
 1000 University Ave.  
 SAN JOSE: O'Sullivan's  
 404 R. R. Franklin 3700.  
 SAN PEDRO: Pacific Radio Store  
 118 Broadway. Main 5548.  
 SAN YSIDRO: Radio Art Studio  
 7014 Santa Monica. 8713-1-3.  
 SANTA ANA: Robertson Elec. Corp.  
 308 2nd Ave. Phone 2240.  
 Foster & Barker. 309 W. 4th St.  
 828 Main St. Phone 4127.  
 SANTA MONICA: Fred J. Sobotta  
 421 Broadway. Main 5548.  
 SANTA PAULA: The Music Box  
 100 Broadway. Main 5548.  
 SIERRA MADRE: Radio Shop  
 100 Broadway. Main 5548.  
 UPLAND: R. L. Taylor  
 225 2nd Ave. Ontario 823.  
 VAN NUYS: Vandenberg's Elec. Store  
 300 W. Van Nuys Blvd. Phone 790.  
 VENTURA: W. W. Mealey  
 35 E. Oak St. Phone 3204.  
 WATTS: Frank Stevens & Sons  
 1604 E. 102nd St.  
 WHITTIER: Francis Hdw. & Paint  
 Phone 498-78.  
 WILMINGTON: Whittier Radio Elec. Co.  
 119 W. Alhambra. Phone 1108.  
 WINDSOR: Henderson's Furniture Co.  
 899-900 Arden Blvd. Phone 1258.

Arizona

SCOTTSDALE: Imperial Valley Hdw. Co.  
 YUMA: Imperial Valley Hdw. Co.

**\$5.00** **DYNAMIC** **\$5.00**  
*Down* **SPECIAL** *Per Month*



**\$55.00**

*Cash Price*

This Beautiful Table with Jensen AC Dynamic Speaker Makes  
 an Ideal Christmas Gift

We Also Carry the Following Radio Speakers that May Be  
 Purchased On Very Easy Terms

*Magnetic Type*

Atwater Kent  
 Western Electric  
 Rola  
 Utah

*Dynamic Type*

Rola  
 Magnavox  
 Peerless  
 Jensen  
 Pemco

*Phone TRinity 4281 for Free Demonstration*

*Established 1904*

**J. C. RENDLER**

625 S. MAIN ST.

Opp. P. E. Depot

LOS ANGELES



Through the courtesy of the Sunset Mfg. Co. of Los Angeles, a Sunset Aerial will be given each week as first prize, and a Sunset Ground as second prize, for the two best DX letters. In addition, Radio Doings will send a special "Logging Graph" with Map and Distance Chart to the writer of each DX letter published.

### FIRST PRIZE

Glendale, Nov. 26, 1928.

DX Club, Radio Doings,

Up until last Tuesday I had not been more than slightly interested in DX reception, and was fat and rosy; but today I am greatly interested in DX reception, and am not so fat. The reason for the sudden change is this: Last Tuesday I got delivery on one of the new Sparton Equasonne battery model, nine-tube sets. Almost enough said; but I will go a little further and tell the lads and lassies of radio-land just what this new set has brought in to date. The local stations being too numerous to mention, I shall not list stations close to Glendale, but shall start with KFSD, KWTC, KFRC, KQW, KTAB, KFRC, KPO, KWTC, KGO, KLX, KFWI, KGW, KEX, KOIN, KOMO, KJR, KFOA, all these on the coast. These inland: KWKH, WJBT, WENR, WOR, WGN, WMAQ, WJR, WLAC, WLW, WCCO, WBAP, KFQB, KOA, KOIL, KOB, KJA, KMOX, KSL, KFAD, KFBU, CNRV. Also the Japs. JOAK, JOBK, and two that sounded like Japs which I could not catch. We will wind up with 4QG, Australia.

All of these stations were heard by three or more witnesses whom I was able to keep awake by frequent doses of strong coffee.

In closing, I want to state that the new Radio Doings Call Book has been my constant companion in these rambles out into the ether, and I consider it the greatest book of its kind on the market today; absolutely indispensable to a real DX hound.

Would consider it an honor to become a member of your club.

Very sincerely yours,

C. M. STONE,

306 N. Central Ave., Glendale, Calif.

### SECOND PRIZE

DX Club:

The best part of Radio Doings is the DX Club. I always enjoy reading what the DX Club members get, and then I see how the Short Wave Club is coming along. Due to the new reallocations these easterners come in like locals, WGN, WLAC, KWKH, KDKA, WBT, KSTP and KMOX. Here are my best stations in the order received: WGN, WENR, KOW, KGHL, KTNT, KMMJ, CNRV, KMOX, KPCB, KFQW, KXL, WBAP, KFAB, KMA, W8XAL, WLAC, KPOF, WRUF, 9XF, KFXJ (50 watts), KFNF, KFQB, KDKA, JOAK, JOBK, WMAQ, WHT, WOAI, JOHK, KPRC, KLDS, KFBB (50 watts), WAAW, WFAA, KFQB, KVL, WJJD, K TSA, WLW, PWX, WHAS, KXA, KGA, KSTP, KSAC, KAH (Reno, Nevada, can't find this in any call book), KWKH, WBT, WHO, KRLD, WKBW, KTHS, KPJM (15 watts), WDAG, WJR, WIBW, WCCO, and WNAX. I have a Radiola 30, with a 100-ft. outside aerial. Two of the Japs are already verified. Have received 115 stations already, and hope to get 85 more before the DX season is over.

RUBIN BROWN,

144 San Gabriel,

Sierra Madre, Calif.

DX Club:

Please accept my application for member of the DX Club.

I have a Majestic 71, with a 65-ft. aerial, and use a cold water pipe for a ground. Since Nov. 5th I have logged the following:

KGB, KFSD, KQW, KTAB, KFWM, KLX, KFWI, KYA, KPO, KFRC, KOIN, KEX, KGW, KOMO, KFOA, KJR, CNRV, KSL, KOA, KDYL, KOB, KFAD, KOIL, KFAB, KPRC, KWKH, WOAI, WFAA,

(Continued on Page 46)

**BT Counterphase 8 — World's Greatest Radio — Sold with a Distance Guarantee. H. A. Everest, 7406 Melrose Avenue. OREGON 4702.**

# We Sell Radio Sets

*That Actually Work as Expected*

---

## Graybar Radio

No. 330—8 Tubes, Super-Heterodyne  
For Extreme Selectivity and DISTANCE

## Stewart-Warner Radio

A Consistent Performer—A Matched Unit Radio

## Majestic Radio

Known As The Greatest Radio Set On The Market

**COME EARLY AND GET YOURS**

*Greatest Sale Bargains Ever Offered*

## A, B and C ELIMINATORS

These Eliminators are dry—No water, no acid, nothing  
to fool with

**AT LESS THAN WHOLESALE PRICE**

**Dynamic Speakers in Stock**

---

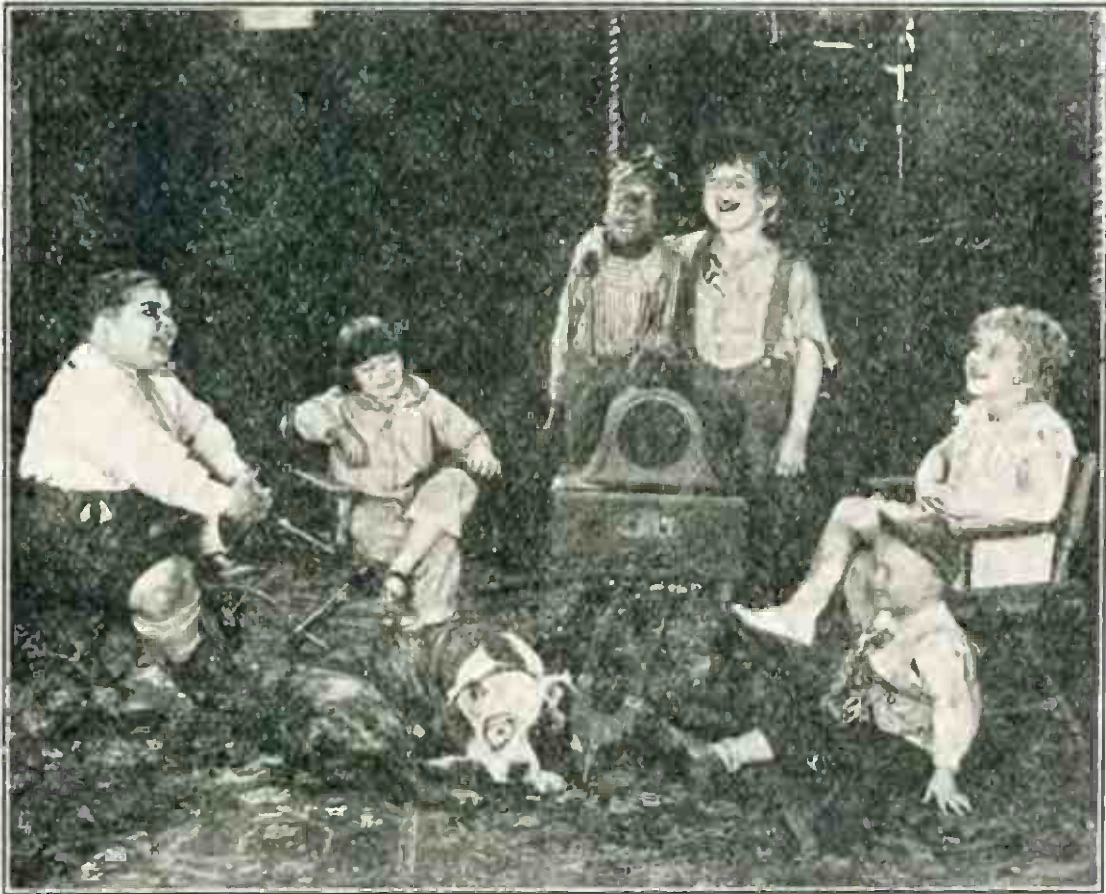
# AMERICAN RADIO CO.

108 East 8th St.

TU. 6028

Los Angeles, Calif.

## "Our Gang" Listens In



What is the strange power that has succeeded in catching and holding the attention of Hal Roach's "Our Gang?" It is the power of music as reproduced over the compact all-electric Stewart-Warner set which Mr. Roach has found to be the only means by which he can control his obstreperous "Rascals" during the moments of rest between their strenuous acting before the camera. One can not be sure that "Wheezer" is joining in the general outburst being indulged in by the "Gang" but at any rate he seems much interested.

Stewart-Warner sets are distributed in Southern California by Western Radio, Inc., and Stewart-Warner Sales Company.

# THE VOICE OF AUTHORITY

**E**VERY AGE has its leaders. And this is the age of transportation. Transportation of men and goods by motor. Transportation of music and speech by radio. ¶ Stewart-Warner is the oldest and greatest of industrials serving both motor and radio transportation. ¶ Its leadership is backed by more than twenty years of incomparable manufacturing experience—leadership sustained by an unequalled sales and service organization that blankets the globe—leadership proved by eighteen million radio and automotive products in active service. ¶ Stewart-Warner—the Voice of Authority to a world full of users!

**The  
Stewart-Warner Dealer  
In Your Neighborhood**

(This Advertisement by courtesy of the STEWART-WARNER SALES CO. and WESTERN RADIO, INC., Distributors.)

## STEWART-WARNER *Matched-Unit Radio* **Dynamic Console!**



A Distinctive  
High-Boy  
Antique Finish  
Hand Rubbed  
Equipped with  
Magnavox  
Dynamic  
**\$198.50**  
without tubes

The Same  
Cabinet  
Equipped with  
the Latest Type  
Pemco  
Dynamic  
Power Speaker  
**\$187.25**  
without tubes

**The  
Stewart-Warner Dealer  
In Your Neighborhood**

(This Advertisement by courtesy of WESTERN RADIO, INC. and STEWART-WARNER SALES CO., Distributors.)

## Kolster, the Center of Interest



Emil Jannings, the Paramount featured star, listening-in with his Kolster Radio in Los Angeles to the inaugural performances broadcast from the Brooklyn Paramount Theater. A big Kolster long distance receiving set located in the Metropolitan Theater brought in the entire program of the show.

# KOLSTER RADIO

Originally Kolster Radio was sold on straight performance, which resulted from the inventive genius of Dr. Frederick A. Kolster. People were asked to hear it — to compare it — and usually they bought it.

Now—while leading the field in development and performance—the greatest “selling punch” behind Kolster Radio is the Kolster Owners. They know Kolster performance, and their good will has played a major part in the nation-wide confidence in this fine receiver.

*California Distributors*

## John G. Rapp Corp.

1135 WALL ST.  
LOS ANGELES

123 SECOND ST.  
SAN FRANCISCO

# FREED-EISEMANN RADIO

"Famous Since Broadcasting Began"



RII CONSOLE WITH FREED-EISEMANN NR80 AND DYNAMIC SPEAKER

\$227.75

(Less Taxes)

Tone quality, cabinet beauty, volume, selectivity—the ability to separate stations, and power to bring in distant stations, are all combined in the 1929 models which are attractively priced.

SEE OPPOSITE PAGE

Exclusive Southern California Distributors

## RADIO DISTRIBUTING CO.

127 W. Washington

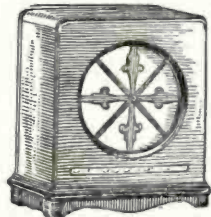
Los Angeles

Westmore 2731

Tone :: Beauty :: Volume :: Selectivity

WHEN you buy a radio you want an instrument that has embodied in it all the perfected accomplishments of modern radio, plus the exclusive engineering achievement of its builder.

Since broadcasting first began, Freed-Eisemann has been building sets that have been popular because of their tone quality — made possible by the exclusive use of specially designed audio circuits. This is what has made FREED-EISEMANN the radio of America's Finest Homes.



FREED-EISEMANN DYNAMIC SPEAKER

\$72.50



"Builders of Fine Radio Since Broadcasting Began"

To convince you of Freed-Eisemann performance, any of these authorized dealers will gladly install a set in your home without obligation.

<b>LOS ANGELES</b> Downtown N. K. MARSHALL 421 Black Edge LUCAS STATT & PTG. CO. 1307 S. Figueroa STANDARD CREDIT STORE 1221 N. Hope St. 1423 S. Main St. 301 W. 7th St. East POHREIL & GOLDENBERG 2101 Brooklyn Ave. HUBERT KLINGBERG SALES CO. 4023 Whittier Blvd. Southeast WESTERN HOME FURNITURE COMPANY 1811 S. Central Ave. GOLD FURNITURE CO. 1817 S. Central Ave. INTERSTATE RADIO CO. 5503 S. Broadway. West NESA RADIO SHOP 2565 W. Pine St. HARVARD FURNITURE CO. 2522 W. Pine St. MONG SHOP No. 2 2399 W. 8th St. ALADDIN RADIO SERVICE 4314 W. Adams MATYNS & AGRELAND 2531 W. 8th St. BETTER SERVICE ELEC. CO. 1012 S. Western Ave. Southwest PEOPLE'S OUTFITTING CO. 2596 S. Vermont Ave. NORTHWEST ATWATER RADIO CO. 3208 Glendale Blvd. Whittier District CLYDE'S SUPER SERVICE 5347 Whittier Blvd. SOUTH RADIO 732½ S. Normandie Ave. ANAHEIM SUPERIOR RADIO SERVICE 103 S. Clementine Belvedere STANDARD CREDITSTORE. 4492 Whittier Blvd. BEVERLY HILLS ALDARADO RADIO SERVICE. Almond and Whittier Blvd. CHULA VISTA HOKERS RADIO CO. 277 Third Ave. COLTON HUB HDNE CO., 158 "T" BL.	<b>CULVER CITY</b> WING SHIP, 5824 Culver Blvd. DOWNEY MILLER BROS. EAGLE ROCK CHRISCENT RADIO CO., 5648 Kaufe Hook Blvd. EL CENTRO KL. CENTRO MUSIC CO. 518 Broadway. EL MONTE ZHU'S SUPER SERVICE: 230 W. El Monte Blvd. GLENDALE STANDARD CREDIT STORE. 229 S. Brand Blvd. HOLLYWOOD STANDARD CREDIT STORE. 5363 Sunset Blvd. WALTER BROWN, 4658 Holy- wood Blvd. FRANK PIM RADIO SERVICE. 636 S. Sunset Blvd. HUNTINGTON PARK HUBERT KLINGBERG SALES CO., 6014 Pacific Blvd. STANDARD CREDIT STORE. 6002 N. Pacific Blvd. INGLEWOOD J. L. BRAGLE, 492 S. Market Street. LA BOLLA THE RADIO DEN, 1931 Prospect Street. LONG BEACH O. S. PETERSON, 812 American Pine Ave. RIALTO RADIO CO., 608 Ameri- can Ave. STANDARD CREDIT STORE. 1102 American Ave. POLY-HI RADIO CO., 1341 At- lantic Blvd. PASADENA SCHRIENBERG & KNAPP SHOP, 2928 Jefferson Drive. LONG'S MUSIC STORE, 528 E. Colorado St. STANDARD CREDIT STORE. 78 S. Raymond Ave. NAZARIAN'S RADIO STORE. 2480 E. Colorado St., 1804 N. Aliso St. PIRU STEWART WADE REDLANDS DALE E. SIEGER, 414 Orange Street.	<b>REDONDO BEACH</b> SAN DIEGO ADAM AVE. ELEC. CO., 8566 Adams Ave. KINGSBURY ELEC. CO., 4261 University Ave. MARKET ST. RADIO STORE, 1229 Market St. MARYLAND AUTO SUPPLY CO., 656 "F" Street. TRAVIS MUSIC CO., 624 Fifth Street. REYNOLDS ELECTRIC CO., 536 University Ave. BURNETT FURNITURE CO., 530 University Ave. ROGERS RADIO CO., 402 "B" Street. SAN PEDRO O. S. PETERSON, 614 S. Cen- tral Ave. STANDARD CREDIT STORE, 111 S. Pacific Ave. SANTA ANA McFLAY IGNITION WKS., 202 N. Fremont St. SANTA MONICA E. H. SWEARD, 2996 Wilshire Bldg. STANDARD CREDIT STORE, 1553 Fourth St. SAN BERNARDINO H. W. RADIO SERVICE, 959 Hilho Ave. STOKES & SEABTLAN, 292 Dine Lane. SANTA MARIA DAVIS RAY ELEC. CO., 118 W. Church St. SAN MARINO SAN MARINO ELEC. SHOP, 2485 Mission Ave. SOUTH PASADENA JONES RADIO MUSIC CO., 1029 Mission Road. UPLAND ROY BRIGHTON, 306 Second Ave. VENICE WYNN SPECTANT CO., 1338 Trolley Way. COAST ELECTRIC CO., 1604 Pacific Ave. AL. FRY, 1202 W. Main St. WHITTIER K. D. MILLER ELEC. CO., 218 E. Greenleaf Ave. SMITH BROS. MFG. CO., 103 B Greenleaf.
--	--	---

Tone :: Beauty :: Volume :: Selectivity



## Mildred Steps Out



Mildred Harris, well-known actress, uses a Majestic Highboy Console to provide music for rehearsal of the dance act in which she is being featured by Fanchon and Marco, producers of vaudeville specialties.

# “How Come Side-bands?”

By K. G. ORMISTON

Lately we have heard a lot about “side-bands.” We have read of sets being so selective that they “cut the side-bands,” and hence impair the tone quality. And now we have both factory and kit receivers which claim to tune “squarely across the side bands instead of to a peak,” and as a result, give better quality of music. All of which sounds very impressive and technical, but apparently nobody has taken the trouble to explain to the readers of these advertisements and technical descriptions just what “side-bands” are, and what part they play in radio transmission and reception.

Side-bands are a very vital part of radio, but along with dozens of other essential factors have not concerned the broadcast listener or fan, who is usually interested only with results, and not with methods. But now this little “mystery” is being dragged out into the light of day, because of certain features being incorporated in radio receivers, and is being glibly exposed by advertising experts who probably have a vague idea that side-bands are something like boundary fences along both sides of a wave to keep it in its right channel!

And so it is timely that we should endeavor to explain in simple language just what is meant by “side-bands.” Broadcast stations operate or transmit on definite frequencies, assigned by the Federal Radio Commission. Let us take a particular station to cite as an example, say KGO. KGO transmits on a frequency of 790 kilocycles. In other words, the current in the antenna system produced by the oscillator and amplifier tubes of the transmitter, passes through 790,000 cycles per second. A cycle comprises a surge of current first in one direction and then in the opposite direction. This current of very high frequency produces what is called the “carrier wave,” because it is the carrier of our voice and music. It is like a river upon which we launch small boats. It is the boats and their cargo which we wish to transport from point to point to another, but how could we do it without the river?

And so, when you listen to KGO, before the microphone is turned on or between numbers or announcements, the “shush” that you hear is this

carrier wave, and it would be absolutely inaudible were it not for certain imperfections which are unavoidable. Inaudible, because the human ear cannot respond to frequencies as great as 790,000 cycles per second. If you were to tune in this carrier wave on a selective receiver, you would detect a humming sound just at 790 kilocycles, but there would be silence immediately above and below it.

Now, in order to transmit speech and music, we must “modulate” the carrier wave with the frequencies which effect the ear as audible sounds. The microphone in the studio first converts these audible frequencies to variations in a minute electric current, and then by a long process of amplification, these variations are amplified a million times or more. When of sufficient strength, these variations, which range from about 25 cycles per second to 5000 cycles per second (low organ note to high violin), are impressed upon the carrier wave.

Let us see what happens when the two frequencies are combined. Assume that the microphone is picking up a pure musical note of say 1000 cycles per second. Then our modulator system will have in its output a current of 1000 cycles per second and we mix this with the carrier frequency of 790,000 cycles per second. The two frequencies will combine to give us two resultant frequencies, one of 791,000 cycles and one of 789,000 cycles. This is simply by the heterodyne process, the same as we have in a superheterodyne receiving set. We add to and subtract from the carrier frequency the value of the impressed audio frequency.

It follows that for very low notes we add and subtract very little from the carrier and for the high notes we add and subtract as much as 5000 cycles. For a 5000 cycle note, the carrier will be modified to cover from 785,000 cycles to 795,000 cycles. When we listen to the station on a receiver, therefore, we realize that instead of the sharply defined carrier wave at 790 kilocycles, we must tune in a band of frequencies from 785 to 795 kilocycles.

These 5 kilocycle bands on either side of the carrier frequency are called the side-bands. And you can realize their

(Continued on Page 83)

CALL ONE OF THESE  
**MAJESTIC DEALERS**

*They Can Make IMMEDIATE Delivery*

**HILL AT SEVENTH**

**Birch-Smith Furniture Co.**

*Terms Service  
Immediate Delivery*

737 S. IIIth St. TRInity 4121

**LIBERAL TERMS**

**BIRKEL MUSIC CO.**

*Home Demonstration Solicited*

446 S. Broadway. VA. 1241

**UPTOWN**

*'Where Technical Knowledge Counts'*  
**ORMISTON RADIO SHOP**

*Every Set Balanced to the Peak of  
Performance!*

4018 W. 10th St. WHItney 6806

**SOUTH WESTERN AVENUE**

*Free Demonstrations  
Convenient Terms*

**ROBINSON RADIO SHOP**

*Open Evenings*  
4538 S. Western VE. 6683

**PASADENA**

*Free Demonstrations*

**SERVICE RADIO SHOP**

*Open Evenings*

1164 E. Colorado Terrace 7908.7777

**GLENDALE**

**Broadway Radio Electric**

*WILLARD F. HELLMAN  
Open Evenings—Terms*

202 E. Broadway Douglas 3064

**WESTLAKE**

*Quick Delivery Service with a Smile*

**Boswell Bros. & Benson  
Furniture Co.**

*48 Hours Free Trial Easy Terms  
Good Trade-In Allowance*

Elghth at Alvarado DRexel 7721

**BELVEDERE**

*Free Demonstrations*

**BROOKS FURNITURE CO.**

*Open Evenings*

3555 Whittier Blvd.



**Majestic Radio**  
**—the IDEAL Christmas Gift**

Nothing could be more appropriate . . . more acceptable . . . as a "year round" Christmas gift than one of the sensational Majestic radio receivers. This efficient electric radio receiver will find a hearty welcome in any home. The beautiful Majestic cabinets will win quick admiration from the women folks . . . the simplicity of operation of this wonder radio makes a ready appeal to them. The unsurpassed tone of the Majestic Dynamic Power Speaker, which is self-contained in all Majestic receivers, will insure program reproduction that is amazingly true-to-life. Majestic will, hour after hour, day after day, bring pleasant remembrance of the giver. Select your Majestic today. Any of the authorized dealers on the next two pages will gladly demonstrate it for you.

*[ The Majestic model pictured is the Console, with self-contained Dynamic Power Speaker. Its price is \$180, less tubes. ]*

**UNGAR & WATSON, INC.**

*Wholesale Distributors, Southern California and Arizona*  
1363½ S. Figueroa St. LOS ANGELES



## New Kennedy Models

Two of the finest models of radio receivers offered to the public this season are the new Kennedy 8-tube High Boy, with dynamic speaker and combination receiver and phonograph.

The name Kennedy is an old one in the radio industry. It is a name which has always meant quality and the new



Colin B. Kennedy

receivers, judging from recent tests, live up to the name.

Colin B. Kennedy has spent the last three years in developing a high grade, efficiently made set that could be sold at a very moderate price. The chassis is of rigid steel construction throughout. The single drum dial operates the four-ganged, new type staggard condensers, which gives extreme selectivity. Eight tubes are used, including a full wave type 280 rectifier, and the circuit employs two type 171 power tubes in push-pull amplification. The set has great range, magnificent volume and excellent tone quality. The latest type dynamic speaker is incorporated in each of the different models.

The console is of the High Boy type, made of dark walnut with full swinging doors. It is a beautiful creation of the cabinet maker's art.

The latest type electric phonograph motor and turn table is used in the combination receiver and phonograph. The cabinet is of dark walnut with full swinging doors, and includes all built-in features, including record compartment.

The exclusive radio dealer franchise originated with the Colin B. Kennedy Company. This policy will be carried out in the merchandising of the new receivers. Many of the old Kennedy dealers have already requested an exclusive franchise for their districts, and all who have not as yet communicated with their distributor are requested to do so, and all information concerning the receivers and the terms will be gladly given.

The C. W. Smith Company, at 407 East Pico street, will be the exclusive Southern California distributor. C. W. Smith is well qualified to properly merchandise this popular line of receivers, as he has, during the last four years, distributed some of the best known lines of receivers and accessories.

Mr. Otto Bloom is the special factory representative for the Colin B. Kennedy



Otto Bloom

Company on the Pacific Coast. In 1923, Mr. Bloom joined the sales staff of Kierulff & Ravenscroft Co. and until 1926 he traveled the southern part of the state for this organization. His principal work was the merchandising of Kennedy receivers.  
(Continued on Page 83)



**Better  
Tone  
Quality  
with**

# CeCo Radio Tubes

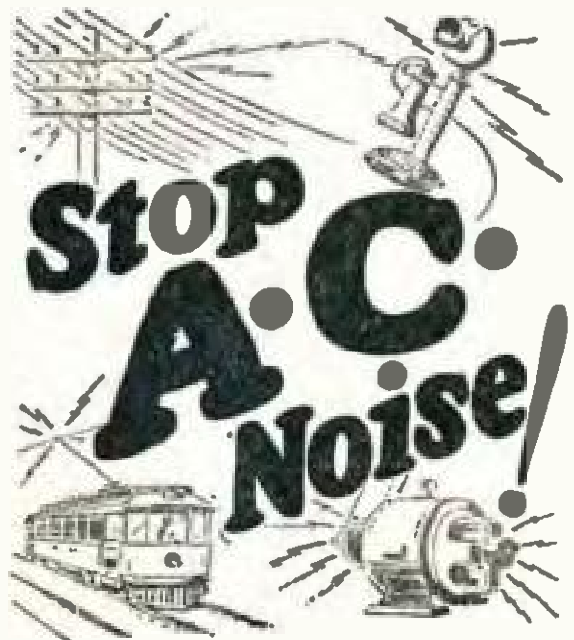
You get better results with CeCo Tubes because each is the result of patient scientific research and investigation — each is fashioned of the finest materials by skilled craftsmen employing the newest, most modern processes, which not only give CeCo a purer tone, but a longer, more serviceable life as well.

Factory Representatives:

**B. KRUGER & CO.**

500 N. Huntley Drive, West Hollywood

Phone OXford 3897



**T**HIS is the way to get rid of that man-made "static" from motors, street cars, telephones, electrical appliances, etc. Plug in a Falck Claroceptor between your receiving set and the wall socket: It will block out those line interference noises and radio frequency disturbances. Also helps selectivity and distance. Thousands all over America are praising this splendid improvement. An absolute necessity to clear reception in some locations.

The Falck Claroceptor requires no changes in your set. Measures just  $3\frac{1}{2} \times 5\frac{1}{2} \times 2\frac{1}{2}$  inches. Tested, proved. Get one right away—only equipment of its kind. At radio parts dealers, or write to factory for new descriptive folder FREE.

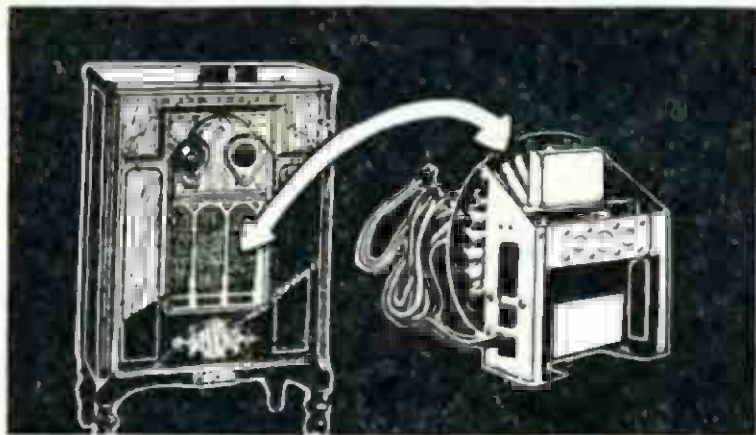


*complete with  
cord and plug*

# Falck CLAROCEPTOR

Manufactured by ADVANCE ELECTRIC CO.  
1258 W. Second St., Los Angeles  
JOBBER AND DEALERS, GET OUR PROPOSITION

**- Over 250  
ATWATER KENT  
DEALERS ENDORSE**



*this  
unbeatable  
combination!*

**A Pemco Dynamic Speaker in  
an Atwater Kent Console**

Atwater Kent Dealers all over Southern California were quick to realize the value they could offer the radio public in this unbeatable combination!

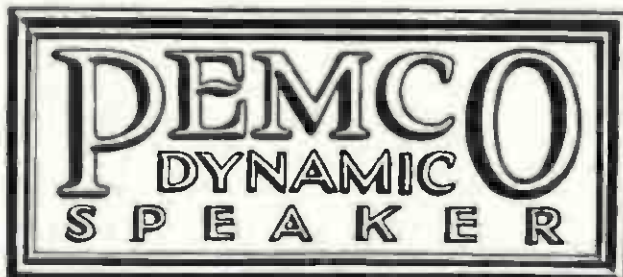
A comparison quickly establishes a preference for this Pemco Dynamic Speaker, Model ACK combination, and the result has been increased sales for the Atwater Kent Dealers.

The Pemco Dynamic Speaker Model ACK in chassis model sells for only \$32.50 List.

Owners of all radios of similar type to the Atwater Kent, now using a magnetic cone type speaker, should investigate how they can at a low cost improve their tone quality and reception by modernizing their set with a Pemco Dynamic Speaker.

Phone or write us  
for particulars.

**Precision  
Electric Mfg.  
Corporation**  
1020 Santa Fe Ave.  
Phone TRinity 0237



See your Atwater  
Kent Dealer today  
and hear a dem-  
onstration with a  
Pemco Dynamic  
Speaker.

# ? Questions and Answers ?

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

**QUESTION**—When I am digging my toes into the carpet and working like a beaver in scant attire in a cold room at 3 a. m., trying to bring in a 100-watt station in Seattle on my Sperton radio, it is quite disconcerting to have a wireless student in the next block come tearing in with a battery of machine guns and concrete-mixers and completely spoil my whole day. Can you tell me of some effective little attachment that I might procure and buckle onto my set and thereby eliminate some of this musketry?

E. P. AMES, Los Angeles.

**ANSWER**—Broadcast listeners are supposed to be engaged in slumber at 3 a. m., whereupon certain small chunks of the ether are turned over to Mr. Amateur so that he may stumble on further developments and improvements in radio transmission which will afford us better broadcast transmission and reception in years to come. The amateurs once had the whole works to themselves,—any power, any wavelength, any call letters that tickled their fancy. They used to help the commercial wireless stations in handling wireless messages to and from ships far at sea. Gradually they have been more and more restricted to make room for all of the other radio services which now take up most of the available frequencies. They are limited in wavelength, power and operating hours. In view of all that they have done for radio progress, it seems hardly fair that we should protest when they make a bit of a noise at 3 a. m. Chances are this chap had to go to work or to school in the morning, and that he turned in early in the evening and got up around 2 or 3 a. m., to have his fun with radio without interfering with the pleasure of his neighbors, who are broadcast listeners. So let's not begrudge him those early morning hours.

However, if you know definitely who the amateur is, steps may be taken to advise him of certain changes in his

equipment which will prevent him from making any interference with broadcast listeners. For instance, Don Wallace of Long Beach, can operate his 1000-watt amateur transmitter, while Mrs. Wallace listens to broadcast reception in another room, with both aeriels supported from the same pole! And incidentally, Don would be the right man to help your amateur fix his set so that he may operate to his heart's content without making a sound on the broadcast waves. Get someone who knows the code to listen and tell you the call letters of the amateur, and then drop over and see him. And if he doesn't know what to do, get him in touch with Don.

**QUESTION**—What is meant by an A.C. set? I understand this applies to a radio which operates from the light socket, but what is the meaning of A. C.? C. M., San Diego.

**ANSWER**—An A.C. set is one which operates on alternating current. The letters A.C. stand for alternating current. That is the kind of current used for lighting and power purposes almost universally. It is called alternating, because it alternates,—it starts at zero, builds up to a maximum, decreases to zero, and then builds up in the opposite direction to maximum and again decreases to zero. This process is called one cycle, and the house lighting current is either 50 or 60 cycles per second, depending upon the characteristics of the alternator which generates it at the power house. From this we see that there is zero current flowing through an ordinary electric light at 100 or 120 instants during each second. However, the light appears to be burning steadily for two reasons,—the filament of the lamp cannot cool and heat again that rapidly but maintains an average temperature, and secondly, the human eye could not detect the light variations if they were present, because images lin-

(Continued on Page 91)

## DO YOU KNOW THAT

A Stage of R. F. added to Silver-Marshall, Remler or Magnaformer Supers eliminates harmonics and increases Volume and Selectivity? Let me prove it to you. Set on Demonstration.

JACK CHENEY, 1759 W. 39th St. Tel.

UNiversity 6088

Los Angeles



## Stations Sharing Time

By order of the Federal Radio Commission, the Western Stations listed below are to share time on the air:

CALL	Kilo	Wave Length	Power	Location
<b>SOUTHERN CALIFORNIA</b>				
KMTR (KPLA)	570	526.0	1000	Hollywood
KPLA (KMTR)	570	526.0	1000	Los Angeles
KELW (KTM)	780	384.4	500	Burbank
KTM (KELW)	870	384.4	500	Santa Mon.
KFWB (KPSN)	950	315.6	1000	Hollywood
KFSG (KMIC)	1120	267.7	500	Los Angeles
KMIC (KFSG)	1120	267.7	500	Inglewood
KFWC (KPPC)	1200	249.9	100	Pomona
KPPC (KFWC)	1200	249.9	50	Pasadena
KTBI (KGEF)	1300	230.6	1000	Los Angeles
KWTC (KFWO)	1500	199.9	100	Santa Ana
KEJK (KFON)	1250	239.9	500	Bev. Hills
KFON (KEJK)	1250	239.9	1000	Long Beach
KGEF (KTBI)	1300	230.6	1000	Los Angeles

### NORTHERN CALIFORNIA AND NORTHWEST

KXA (KUOM)	570	526.0	500	Seattle
KUOM (KXA)	570	526.0	500	Missoula
KFWI (KPWM)	930	322.4	500	San Fran.
KFWM (KFWI)	930	322.4	500	Oakland
KEX (KOB)	1180	254.1	5000	Portland
KOB (KEX)	1180	254.1	10000	Albuquerque
KPCB (KPQ)	1210	247.8	100	Seattle
KPQ (KPCB)	1210	247.8	100	Seattle
KFJR (KTBR)	1320	230.6	500	Portland
KTBR (KFJR)	1320	230.6	500	Portland
KMO (KVI)	1340	223.7	500	Tacoma
KVI (KMO)	1340	223.7	1000	Tacoma
KFEC (KFJI)	1370	218.8	100	Portland
KFJI (KFEC)	1370	218.8	50	Astoria
KWSC (KFPY)	1390	215.7	500	Pullman
KFPY (KWSC)	1390	215.7	500	Spokane
KFQU (KGTT)	1420	211.1	100	Holy City
KGTT (KFQU)	1420	211.1	100	Seattle
KGTT (KFQU)	1420	211.1	50	San Fran.
KKP (KFQW)	1420	211.1	15	Seattle
KVL (KFBL-KUJ)	1500	199.9	100	Seattle
KFBL (KUJ-KVL)	1500	199.9	50	Everett
KUJ (KFBL-KVL)	1500	199.9	10	Longview

### WESTERN STATES

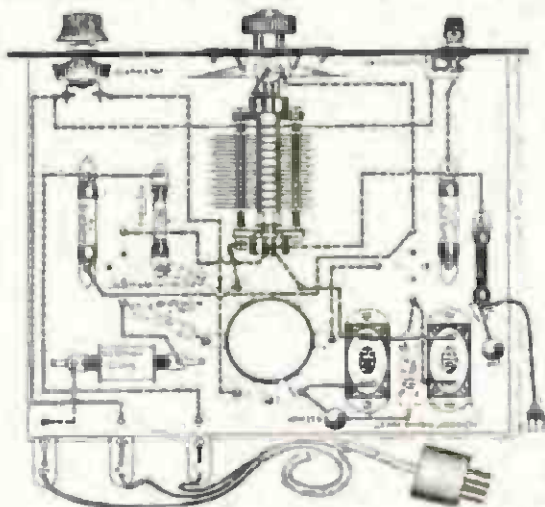
KFBB (KGI)	1320	220.4	500	Havre
KFEL (KFXF)	940	319.0	250	Denver
KFXF (KFEL)	940	319.0	250	Denver
KGIR (KFBB)	1360	220.4	250	Butte
KFUP (KFJX)	1500	199.9	100	Denver
KFJX (KFUP)	1500	199.9	50	Edgewater

## Short Wave Club

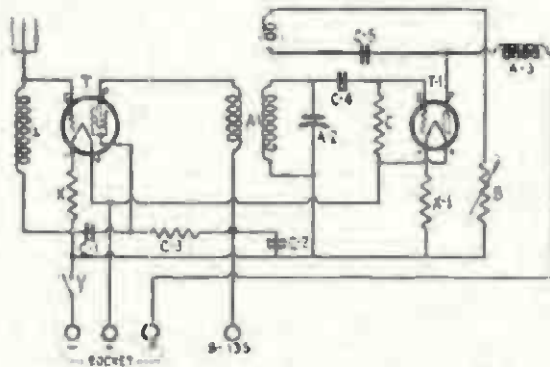
### NATIONAL CONVERTER

A simple converter which will permit one to use the most popular of short-wave circuits, in connection with the usual broadcast receiver, is described in the following.

It hardly seems necessary to go into any specific constructional details, for the accompanying simplified and



schematic diagrams tell the whole story. Only few parts are needed, and their placement is indicated. The list of parts follows:



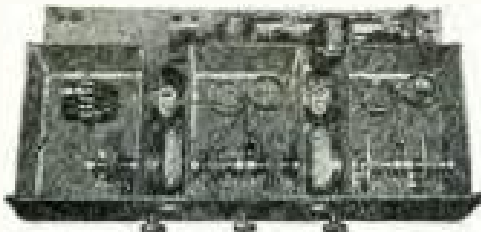
- 1 National Short Wave Kit (consisting of front and sub-panels, set of plug-in coils, tuning condenser and choke).
- 1 Clarostat Grid Leak.
- 1 Tube 8 meg. Tipon Leak.
- 2 Tube .5 mfd. By-Pass Condensers.
- 1 Tube 2000 ohm Veritas Resistance.
- 1 Tube .00025 Vacuum Condenser.
- 1 Tube .001 Vacuum Condenser.
- 1 622 Amperite.
- 1 1-A Amperite.
- 1 Yaxley Switch.

# Write for this Book

80 Page Manual  
Tells How to  
Build

## 4 NEW HI-Q RECEIVERS

This is the biggest and most complete Construction Manual ever published by Hammarlund-Roberts. 80 pages of text, photos and diagrams on how to build the New Hi-Q Receivers (Junior Hi-Q 29 at \$54.35; Junior A.C. Hi-Q 29 at \$103.50; Master Hi-Q 29 at \$99.50; and the Master A.C. Hi-Q 29 at \$154.50) Each of these new receivers is a distinct advance over any Hi-Q Receiver of the past 4 years — each is a completely shielded “coast-to-coast” instrument — each is a marvel in selectivity and sensitivity — each has even finer tone than



MASTER HI-Q 29

The outstanding feature of this set is the Hi-Q Band-pass Filter, which actually effects FLAT-TOP TUNING within a 10 K. C. band. Two screen-grid tubes, completely shielded, concealing wiring.

any of the famous Hi-Q instruments of the past. And each can be built, by following the simple directions in the Hi-Q Manual, at SAVINGS of \$50 to \$100 over any ready-made receiver of anything like similar efficiency.

This New Manual also covers power amplification construction, short wave adaptors, installation, high efficiency battery and tube combinations, antennas, house wiring, and a wealth of other practical information. Shows you how to build a fine radio for yourself AT A SAVING and how to build for others AT A PROFIT.

Send 25 cents for your copy before first edition is exhausted.

Hammarlund-Roberts,  
1182.P Broadway, New York

**Hammarlund  
Roberts**  
*Custom-Built*  
**Radio**

### Associate Manufacturers

Sansone Electric Co.  
Thorndarson Elec. Mfg. Co.  
Hammarlund Mfg. Co.  
Tuxler Mfg. Co.  
Benjamin Elec. Mfg. Co.  
Arcturus Radio Co.

Arma Wire Co. (Parvett)  
International Resistance  
Co. (Durham Resistance)  
Radiall Co. (Amperite)  
Electrad, Inc. (Trusolt)  
Westinghouse Miraris



# Trade News

## The Ladies Like It!

"Radio is no longer the mystery it used to be to women," said E. B. Loveman, advertising manager of the Philadelphia Storage Battery Company, who are makers of the Philco radio set, to a gathering of merchants recently.

"Up to recently the radio set was almost wholly a man's affair," he con-



MISS JESSICA DRAGONETTE  
Favorite Star of the "Philco Hour"

tinued. "He tinkered with it, played with it and sat up late into the night with it. Other members of the family got only an occasional use of an earphone. As far as the wife was concerned the set belonged to a strange, mechanical world in which she was a foreigner.

"Now she knows as much about it—or nearly as much—as does her husband. The advent of the all-electric set, with its ease of manipulation, gave her the

opportunity to get on more intimate terms with this strange device. It is no longer the mystery it was. She handles it as familiarly as she does her electric clothes ironer or her vacuum cleaner.

"The women have become as ardent radio fans as the men. They have seized on the opportunity for relieving the tedium of the long day. They even reach out for the thrill of hearing far away stations. Broadcasters have not been slow to take note of the growing audience of women and are now providing them with high class programs that are devised to educate and inform as well as entertain them."

## Pemco Puts Unusual Program Over KNX

To the Precision Electric Mfg. Corporation must be given the credit of putting on one of the most novel broadcasts yet attempted. In fact, it is said that it is the first of its kind in the country.

The new KNX station, at the Paramount studios, is admirably suited for the plan, being equipped with two separate broadcasting studios.

The entertainment was provided by an orchestra of six, entitled the "Six Pemco Dynamic Loudspeakers." The orchestra was augmented by two excellent singers of ballads and popular songs, the "Pemco Harmony Duo."

The artists were stationed in one studio, opposite a microphone, which was connected to a Pemco Dynamic Speaker in the other studio. The music and songs were transmitted from the first studio to the Pemco Dynamic Speaker in the second studio, thence into a second microphone and out onto the air.

The entire program was broadcast through the Pemco Dynamic Speaker with flawless reproduction.

The Precision Electric Mfg. Corporation is to be congratulated on their stunt, as it enabled thousands of listeners-in to hear the marvelous quality of this dynamic speaker, and it brings us to the realization that one of the country's best dynamic speakers is being made right here in Los Angeles.

# Read This Letter—

Then Judge  
for  
Yourself!

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

Mt. Hermon, Calif.,  
Nov. 20, 1928.

I thought you might wish to know of my success with the new radio since my return. It is working marvelously. Every night I tune in KDKA with good volume, as well as most of the Eastern stations on the exclusive wavelengths. Sunday at 2:15-2:30 p. m., in daylight, I first heard KSL, KFI, KNX, KHJ, KEX, KJR, all with good volume. I tried KOA and was successful. Then I went down the scale and at 63 I came a station with clearness on the loud speaker. According to my log it should have been WLW. This did not seem possible. However, the announcement, WLW, came in clear and loud.

In the evening I heard WEAJ and WJZ, New York; CFCT, WSM, Nashville, Tenn.; WTAM, WLW, WGN, WSB, Atlanta, Georgia; WCX, KFAB, KTHS, WCCO, WBT. It seemed a good night, so I set my alarm, and at 2 a. m. was down at the radio and in 5 minutes I had JOAK, Japan, with good enough volume so that it was heard distinctly on the next floor. I then located another Jap station but could not get the call letters. We heard still another station for one hour and fifteen minutes, but they did not give the call letters in English. It was so loud at times that one could hear it all over the house. We heard another station which we thought might be New Zealand or Australia, but could not get the call letters.

I assure you that I am very much pleased with this set, and feel that it is the equal of any set in existence.

Yours truly,  
(Name will be furnished upon request.)

This is the  
Set that did it—

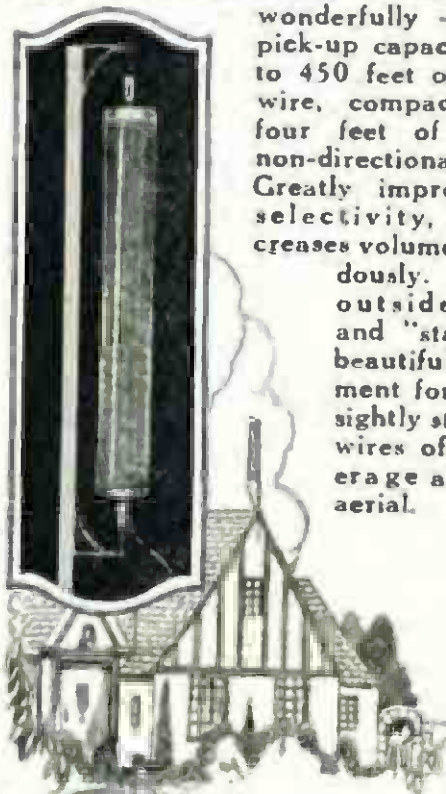


Sargent-  
Raymont  
Screen  
Grid  
Seven

# SUNSET Selective Aerial

Helps You Bring in Those Distant Stations  
Not an Experiment, but a Proven Necessity

The Sunset Aerial is a great improvement over ordinary antennae—conforms to the very latest developments in Radio Science. Brings in the distant stations wonderfully — has a pick-up capacity equal to 450 feet of No. 14 wire, compacted into four feet of vertical non-directional aerial. Greatly improves the selectivity, and increases volume tremendously. Reduces outside noises and "static." A beautiful replacement for the unsightly sticks and wires of the average amateur aerial.



A  
L  
S  
O

## SUNSET Positive Ground

Sharpens your set . . . increases your volume . . . and improves the tone. Lasts almost indefinitely.

An Ideal Combination

Aerial, \$5.00 — Ground, \$2.25

Manufactured by

**SUNSET MFG. CO.**  
LOS ANGELES

7471 Melrose HEMPstead 4941

## Demonstration of New Jensen Speaker

On the evening of November 15th, in the presence of Mr. Peter L. Jensen, inventor of the famous Dynamic Speaker, and Mr. Thomas A. White, general manager of the Jensen Radio Mfg. Co., and a group of some of the most important engineers in the radio, talking movies and broadcasting field, James A. Kennedy, New York representative of the Jensen Radio Mfg. Co., introduced the new Jensen Auditorium model Dynamic Speaker. The speaker is considerably larger than the standard home model Jensen Speaker.

For this demonstration, arrangements were made with the Celotex Company to provide a Celotex baffle board 1½ inches thick and 6 feet square, though the courtesy of Mr. John R. Thomas of the Celotex Company. The opinion expressed by a number of the leading lights in the radio engineering field was that this new development of Mr. Jensen's would have a very far reaching effect on the application of modern power amplifier apparatus in connection with reproduction in theaters, large auditoriums and similar public places where a large orchestra would ordinarily be required.

Following the demonstration, Mr. Kennedy opened the meeting for discussion, and the outstanding technical advantages of this new speaker were covered very completely by Mr. Peter L. Jensen himself. This is the first step on the part of the Dynamic reproducer manufacturer to go into this field with a speaker designed especially for that purpose.

## DX Club

(Continued from Page 32)

WBAP, KVOO, KFKB, WCCO, KMOX, WLS, WENR, WGN, WBBM, WHAS, WSB, WLW, KDKA, WOR, WJR, WJZ, 9XF, CYJ, PWX, and a Canadian station on approximately 410 meters. Can get the four Jap stations most any morning, from 2 to 4 a. m. They are JOAK, JOBK, JOFK, JOCK. Australia isn't so easy to get, as I have logged only one Australian station, 4QG, at Brisbane. WLW, KDKA, KMOX and WGN come in with a bang!

THOMAS P. ELLIOTT,

654 W. 63rd St.,  
Los Angeles, Calif.

## Directory of Southern California Stations

Call	Meters	Power	Location	Owner	Telephone
KMTR	526.0	1000	Hollywood	KMTR Radio Corp.	HOLLYWOOD 3026
KPLA	526.0	1000	Los Angeles	Pacific Dev. Radio Co.	TRINITY 3202
KFSD	499.7	1000	San Diego	Airtan Radio Corp.	MAIN 8661
KFI	468.5	5000	Los Angeles	Earle C. Anthony, Inc.	WESTMORE 0337
KTM	384.4	500	Santa Monica	Pickwick Broadcasting Corp.	DUNKIRK 6154
KELW	384.4	500	Burbank	Earl L. White	BURBANK 1601
KFQZ	352.7	250	Hollywood	Taft Radio & Brcdcast. Co., Inc.	WESTMORE 3001
KHJ	333.1	1000	Los Angeles	Don Lee, Inc.	TRINITY 3411
KPSN	315.6	1000	Pasadena	Pasadena Star-News Pub. Co.	WAKEFIELD 3111
KFWB	315.6	1000	Hollywood	Warner Bros. Pictures, Inc.	GLADSTONE 9461-2
KGFH	299.8	250	Glendale	Frederick Robinson	DOUGLAS 3326
KNX	285.5	5000	Hollywood	Los Angeles Evening Express	HEMPSTEAD 4101
KPSG	267.7	500	Los Angeles	Yoho Park Evangelical Assn.	FITZROY 5121
KMIC	267.7	500	Inglewood	James R. Fouch	THORNWALL 1121
KFWO	249.9	100	Pomona	James R. Fouch	PHONE 1147
KPPC	249.9	50	Pasadena	Pasadena Presbyterian Church	
KXO	243.8	100	El Centro	E. R. Irey and F. M. Bowles	
KEJK	239.9	500	Beverly Hills	Macmillan Petroleum Co.	OXFORD 7141
KFON	239.9	1000	Long Beach	Nichols & Warinner, Inc.	PHONE 672-81
KGEF	230.6	1000	Los Angeles	Trinity Methodist Church	WESTMORE 8887
KTBI	230.6	500	Los Angeles	Bible Institute of L. A.	METROPOLITAN 6701
KGB	230.6	250	San Diego	Pickwick Broadcasting Corp.	FRANKLIN 6151
KGBR	218.8	100	Long Beach	C. Marwin Dobyns	PHONE 632-75
KGFJ	211.1	100	Los Angeles	Ben S. McGlashan	WESTMORE 7778
KWTC	190.9	100	Santa Ana	Pacific-Western Broadcasting	PHONE 1896

**JOBBER - MANUFACTURERS**  
**NOW IN STOCK**  
 FOR  
**IMMEDIATE DELIVERY**

# Magnatrons

AC 226 - AC 171A  
 AC 227 - AC 280

*Quality Guaranteed*

**TODAY'S GREATEST TUBE VALUE**

Phone or Write

**PACIFIC RADIO LABORATORY**

*West Coast Factory Warehouse*

256 S. Los Angeles St.

MU. 7817

Los Angeles

# Christmas

# APEX RADIO

## Better Performance at a Lower Price

For Christmas and for every day throughout the year an Apex trouble-free All-Electric Receiver is the ideal gift for the whole family. Any dealer listed below will be glad to demonstrate without obligation.



Model 236, with Magnetic Speaker, Price \$165, Less Tubes

**ANAHEIM**  
C. A. Knapp  
1101 Lincoln Ave.  
**BELL**  
North & Lory Hdrwa. Co.  
4119 Baker Avenue  
**BELLFLOWER**  
Moore's Radio Shop  
427 Somerset St.  
**CORONA**  
Corona Hardware Co.  
684 Main St.  
**BEVERLY HILLS**  
Wilshire Hdrwa. Co.  
1242 Wilshire Blvd.  
**BURBANK**  
Newcomb's Furniture Co.  
220 W. San Fernando Rd.  
**CULVER CITY**  
Noren-Wuster Furn. Co.  
6718 Washington Blvd.  
**ESCONDIDO**  
Yeager's Music Co.  
126 E. Grand Ave.

**GARDENA**  
Gardena Hardware Co.  
914 W. Palm St.  
**GLENDALE**  
Richardson Furn. Store  
1326 E. Colorado St.  
Ferrer Tire Company  
781 S. Brand Blvd.  
Perfor & Block  
217 W. Colorado St.  
**HEMET, CALIF.**  
McArthur Radio Co.  
403 S. Florida St.  
**HERMOSA BEACH**  
Newcomb Electric Shop  
1129 Hermosa Avenue  
**HUNTINGTON PARK**  
Huntington Park Furn. Co.  
6217 Pacific Blvd.  
Ferrer Tire Company  
6846 Pacific Blvd.

**INGLEWOOD**  
Ingleswood Hdrwa. Co.  
123 N. Commercial St.  
**LONG BEACH**  
Kahn Radio  
147 E. Fourth St.  
Moray's Music Store  
219 E. 4th St.  
Supertone Radio Co.  
610 W. Broadway  
Seaside Elec. Shop  
2185 Atlantic Ave.  
**LA JOLLA**  
C. H. Mendler Radio  
927 Silverado Ave.  
**LOMITA**  
Calhoun Hardware Co.  
Lomito Calif  
**MAGNOLIA PARK**  
Chas. F. Morrill  
3621 Magnolia Blvd.

### Southern California

**NORTH HOLLWOOD**  
Chas. F. Morrill  
3437 Lakewood Blvd.  
**NORWALK**  
W. E. Holtz  
**OCEANSIDE**  
E. F. MacBeth Radio Store  
Cor. Hill and Topoka Sts.  
**PASADENA**  
Thomas Radio Co.  
697 N. Lake St.  
**RIVERSIDE**  
Howard T. McGannon  
321 E. Center St.  
Elvin E. Webb  
11th and Main Sts.  
Roy Steyer Radio Station  
**REDONDO BEACH**  
Paul Elch  
Arado Bldg.

**SAN PEDRO**  
San Pedro Radio Co.  
378 W. Sixth St.  
Ferrer Tire Company  
142 S. Pacific Ave.  
**SANTA ANA**  
Marshall Radio Service  
614 E. Fourth St.  
Santa Ana Radio Co.  
423 W. Fourth St.  
**SAN DIEGO**  
Walter Church  
912 Broadway  
**SANTA BARBARA**  
Adams Piano & Furniture  
Store  
11 E. Anatum St.  
**SANTA MONICA**  
Ed. Mathes 719 Broadway  
R. M. Rhodes Service Sta.  
414 Broadway

Jack Cooper  
1417 Wilshire Blvd.  
**SHERMAN**  
Fruess Radio Service  
465 Robertson Blvd.  
**SOLANA BEACH**  
Solana Beach Plac. Co.  
**TORRANCE**  
Harvel's  
1618 Crown Ave.  
**VENTURA**  
The Bartlett Co.  
804 Main St.  
**WALNUT PARK**  
Smith Music Shop  
2616 E. Florence Ave.  
**WILMINGTON**  
Driskill Furniture Co.  
601 W. Anaheim Blvd.

## Apex All-Electric Receivers Priced from \$87.50 to \$199.50 (Less Tubes)

Wholesale Distributors

# YALE RADIO ELECTRIC COMPANY

1111 Wall Street

Westmore 3351

Los Angeles, Calif.

# Schedule of DX Stations

The opening and closing hour of the evening broadcast only are given, as it is unlikely that these stations can be heard on Pacific Coast prior to 5:00 p. m., Pacific Standard Time.

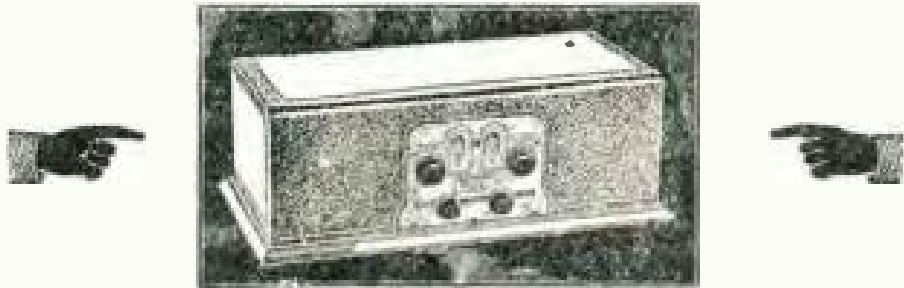
Call Letters	Location	Freq. Ke.	W. Ft. Meters	Power Watts	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
WGR	Buffalo, N. Y.	550	515 1	750	4 45-7 15	5 00-10 30	5 00-8 00	4 30-9 00	5 00-10 00	5 00-9 00	6 00-8 00
WOW	Omaha, Neb.	590	508 2	1000	6 00-8 15	4 30-9 00	4 30-8 00	5 00-9 00	5 00-9 00	4 45-9 00	5 00-9 00
WDAF	Kansas City, Mo.	610	491 5	1000	7 15-8 00	5 00-11 00	5 00-11 00	5 00-11 00	5 00-11 00	5 00-11 00	5 00-11 00
WIP	Philadelphia, Pa.	610	491 5	500	7 00-8 00	5 00-9 00	S	5 00-9 00	S	5 00-9 00	S
WEAF	New York, N. Y.	660	454 3	50000	S	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00
WLW	Mason, Ohio	700	428 3	50000	5 00-8 30	8 00-10 30	5 00-10 00	5 00-10 00	5 00-10 00	5 00-10 30	5 00-9 00
WOR	Newark, N. J.	710	422 3	5000	5 30-7 30	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00
WGN	Chicago, Ill.	720	416 4	15000	5 00-10 00	5 00-10 30	5 00-10 10	5 00-10 10	5 00-10 00	5 00-10 00	5 00-12 00
WCFB	Montreal, Can.	730	410 7	1650	S	8 00-11 00	S	5 00-8 00	S	5 00-9 00	S
WSB	Atlanta, Ga.	740	405 2	1000	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00
WJR	Detroit, Mich.	750	400	5000	5 00-10 00	5 00-10 00	5 00-10 00	5 00-10 30	5 00-10 00	5 00-10 00	5 00-10 30
WJZ	New York, N. Y.	760	394 5	30000	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00
WBBM	Chicago, Ill.	770	389 4	25000	5 30-1 A.M.	5 00-11 00	8 00-10 00	5 10-11 00	5 00-10 00	5 00-11 00	8 00-11 00
KFAB	Lincoln, Neb.	770	388 4	5000	S	4 00-9 00	4 00-6 00	4 00-10 00	4 00-6 00	4 00-10 00	4 00-10 00
WGY	Schenectady, N. Y.	790	379 5	50000	6 00-7 30	5 00-8 00	5 00-9 00	5 00-8 00	5 00-9 30	5 00-8 00	5 00-9 00
KTHS	Hot Springs, Ark.	800	374 8	5000	6 30-8 30	7 00-10 00	4 00-7 00	7 00-10 00	5 30-12 00	4 00-7 00	7 00-10 00
WCCO	Minneapolis, Minn.	810	370 2	10000	5 00-8 15	5 00-8 30	5 00-8 30	5 00-9 00	5 00-9 00	5 00-9 00	8 00-9 00
CFCA	Toronto, Can.	840	356 9	500	6 00-7 00	6 00-7 00	5 00-7 00	5 00-7 00	5 00-7 00	5 00-7 00	6 00-8 00
KFNF	Shenandoah, Ia.	800	338 9	500	5 00-6 00	5 30-7 10	5 30-7 10	5 30-9 00	5 30-7 10	5 30-9 00	5 30-9 00
WFLA	Clearwater, Fla.	900	333 1	1000	S	5 30-9 00	5 30-9 00	5 30-9 00	5 30-9 00	5 30-9 00	5 30-9 00
WSUN	St. Petersburg, Fla.	900	333 1	1000	S	5 30-9 00	5 30-9 00	5 30-9 00	5 30-9 00	5 30-9 00	5 30-9 00
WCFB	Chicago, Ill.	970	300 1	50000	4 30-6 00	4 30-6 00	4 30-6 00	4 30-6 00	4 30-6 00	4 30-6 00	4 30-6 00
KDKA	Pittsburgh, Pa.	980	305 9	50000	5 00-7 15	5 00-7 30	5 00-8 00	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00
WBZ	Springfield	990	302 8	15000							
WRZA	Boston, Mass.	990	302 8	500	5 00-8 00	5 00-8 35	5 00-7 10	5 00-8 45	5 00-8 30	5 00-8 30	5 00-11 05
WHO	Des Moines, Ia.	1000	299 8	5000	8 00-9 00	9 00-10 00	8 00-9 00	8 00-9 00	8 00-9 00	8 00-9 00	8 00-9 00
KYW-KFKN	Chicago, Ill.	1020	293 9	5000	5 00-9 00	5 00-11 00	5 00-11 00	5 00-11 00	5 00-11 00	5 00-11 00	5 00-11 00
CNRV	Yanover, B. C.	1030	291 1	500	9 00-10 00	10 00-11 00	9 00-11 00	10 00-11 00	10 00-11 00	7 30-11 00	S
WBAL	Baltimore, Md.	1080	283	5000	5 00-7 30	5 00-8 00	5 00-8 00	5 00-8 00	5 00-8 00	5 00-8 00	5 00-8 00
WTAM	Cleveland, Ohio	1070	280 2	3500	6 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00
KJBS	San Francisco, Cal.	1100	272 6	100	S	4 00-5 30	4 00-5 30	4 00-5 30	4 30-5 00	4 00-5 30	4 00-5 30
WPG	Atlantic City, N. J.	1100	272 6	5000	6 15-8 30	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00	5 00-9 00
KOHL	Council Bluffs, Neb.	1200	238	1000	5 00-9 15	5 00-10 00	5 00-10 00	5 00-10 00	5 00-10 00	5 00-10 00	5 00-11 00
EDYL	Salt Lake City, Utah	1200	232 6	1000	4 00-11 00	4 00-11 00	4 00-11 00	4 00-11 00	4 00-11 00	4 00-11 00	4 00-11 00






# SURE YOU DO!

You work hard for your money . . . Sure you do! And you're careful how you spend it . . . and when you buy radio you want to get every bit of radio performance that each dollar can buy, don't you? Well, that's just why the Silver-Marshall 720 Screen Grid Six kit receiver is so popular . . . it was designed for the fellows like you who want the very finest tone quality, a great DX range and an all around wonderfully performing set that can hold its own with the best of 'em . . . at a price that makes you wonder how they can do it!



Build this trim little go-getter, with its three screen grid RF stages . . . its Clough audio system, acknowledged to be the last word. You'll be surprised and delighted with your investment!


*For Sale By*



# RADIO

## MANUFACTURERS SUPPLY CO.

OPEN EVENINGS  
UNTIL 9 P.M.  
SATURDAY  
UNTIL 10 P.M.



**SOUTH BROADWAY COR 10TH ST.**

OPEN EVENINGS  
UNTIL 9 P.M.  
SATURDAY  
UNTIL 10 P.M.

# National Broadcasting Co., Inc.

## PACIFIC COAST NETWORK



**CHARLES GABRIEL**  
Announcer

**KFI KPO KGO  
KGW KOMO  
KHQ**

Charles H. Gabriel, Jr.  
Program Director

Jennings Pierce  
Chief Announcer  
and Program Director

### DAILY

9:00 p. m.—Time broadcast (except Saturday).

10:00 p. m.—The Trocadero's Dance Orchestra (except Monday).

### SUNDAY, DECEMBER 16

1:30 p. m.—Peerless Retroducers offer a program of melodies by two great Scandinavians, Halvorsen and Sibelius.

Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFL.

3:00 p. m.—Sunday Afternoon concert brings Margaret O'Dea, contralto, and Easton Kent, tenor, as soloists, and The National Concert Orchestra.

Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFL.

4:30 p. m.—Biblical Dramas present a dramatized story of Queen Esther.

Broadcast over KHQ, KOMO, KGW, KPO and KFL.

6:15 p. m.—Atwater Kent programs have become nationally famous as one of the highest class and all-around excellent programs on the air. The hour will be broadcast from the New York Studios of NBC.

Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFL.

7:15 p. m.—Three mixed quartet numbers and a soprano solo will be heard during the Dunn and McCarthy program.

Broadcast over KHQ, KOMO, KGW, KGO and KFL.

7:30 p. m.—The Whittall Anglo-Persian program will offer another typically oriental program.

Broadcast over KHQ, KOMO, KGW, KGO and KFL.

### MONDAY, DECEMBER 17

6:30 p. m.—Another General Motors Family Party.

Broadcast over KHQ, KOMO, KGW, KGO and KFL.

8:00 p. m.—Rudy Selger's Shell Symphonists offer selections from one light opera and two grand operas.

Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFL.

9:00 p. m.—The Firestone program presents Jerry Jerome, contralto; Easton Kent, tenor; the Firestone Choristers and the 32-piece Firestone Orchestra.

Broadcast over KHQ, KOMO, KGW, KPO, KFL, KSL and KOA.

9:30 p. m.—Slumber Hour will give listeners six favorite numbers of music lovers.

Broadcast over KHQ and KGW.

### TUESDAY, DECEMBER 18

10:30 a. m.—"Christmas Dinner Fixings" will be the interesting topic to be discussed during the "Woman's Magazine of the Air."

Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFL.

6:00 p. m.—The Eveready Hour.

Broadcast over KOMO, KGW, KGO, KPO and KFL.

7:00 p. m.—Chiquit Club Follies.

Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFL.

7:30 p. m.—Dolores Cassenelli and Los Sevillanos will present an unusually fine Spanish concert.

Broadcast over KHQ, KOMO, KGO.

8:00 p. m.—Plantation Echoes will bring Judge Chandler and his charming family group before the microphone again at this time.

Broadcast over KHQ, KGW, KGO and KPO.

8:30 p. m.—Amalzo's Gitanos offer musical entertainment of semi-classical and popular types.

Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFL.

### WEDNESDAY, DECEMBER 19

10:30 a. m.—Ileen Webster will give an interesting talk during the "Woman's Magazine of the Air" period.

Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFL.

11:30 a. m.—"Hands of History" dramatizes outstanding incidents in the lives of famous women of the past.

Broadcast over KGO and KFL.

6:30 p. m.—Palmolive Hour brings the Palmolive Symphonies, under the leadership of Gustave Macuschen.

7:30 p. m.—William and Suzanne will have another fast-moving and entertaining dramatic during the Yellow Cab period.

Broadcast over KPO and KFL.

8:30 p. m.—Bill Billy songs, spirituals and up-to-the-minute popular song hits constitute a new program called the Billy Billy Boys.

Broadcast over KHQ.

9:00 p. m.—"Roads to Romance" bring Jack and Ethyl, the Motor mates, back home for Christmas.

Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFL.

### THURSDAY, DECEMBER 20

11:30 a. m.—The Standard school broadcast.

Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFL.

6:00 p. m.—Selberling Program presents Selberling Singers, the Selberling "Singing Violins," two piano numbers.

Broadcast over KHQ, KOMO, KGW, KGO and KFL.

7:30 p. m.—The Christmas spirit will be evident in the Standard Symphony Hour.

Broadcast over KHQ, KOMO, KGW, KGO and KFL.

8:30 p. m.—Memory Lane will revive the days of Sunday School Christmas tree entertainment.

Broadcast over KGW and KGO.

9:30 p. m.—Maxwell House program, "Southern Hosts."

Broadcast over KHQ, KOMO, KGW, KGO and KPO.

### FRIDAY, DECEMBER 21

10:30 a. m.—"Woman's Magazine of the Air."

Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFL.

5:35 a. m.—Da-Ra-O will take his young listeners for a visit to Santa Claus in his home in the Ice Cream Mountains.

Broadcast over KOMO, KGW, and KGO.

6:00 p. m.—Winkley Review.

Broadcast over KHQ, KOMO, KGW, KGO and KFL.

6:30 p. m.—Two Orctels will present a musical program in the New York studios. The new program is called "Sixteen Singers."

Broadcast over KHQ, KOMO, KGO.

7:00 p. m.—Los Angeles Studio program presents "Night in Spain," with Maria de la Vata, Spanish soprano, and Los Caballeros Orchestra.

Broadcast over KGO and KFL.

8:00 p. m.—Henry M. Hyde will be heard on "Orion and the Great Nebula" during the RCA Hour.

Broadcast over KHQ, KOMO, KGW, KGO and KPO.

9:30 p. m.—Moon magic offers the usual program of delightful music by the Vaid of the Moon.

Broadcast over KHQ, KOMO, KGW, KGO.

### SATURDAY, DECEMBER 22

5:00 p. m.—The National Orchestra playing under the baton of Walter Damrosch will be heard from New York City.

Broadcast over KHQ, KGW, KGO, KPO and KFL.

6:00 p. m.—"Babes in Toyland" a favorite opera by Victor Herbert will be the Philco feature.

Broadcast over KHQ, KOMO, KGW, KGO and KPO.

7:00 p. m.—Lucky Strike Hour will bring another entertaining dance program.

Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFL.

8:00 p. m.—"The Carnival," which has proven so popular a program, will be broadcast at this time.

Broadcast over KPO and KGO.

9:00 p. m.—Seroose and Tiny Tim will be brought to life by the Golden Legends period which will present Dickens "Christmas Carol."

Broadcast over KHQ, KGW, KGO.

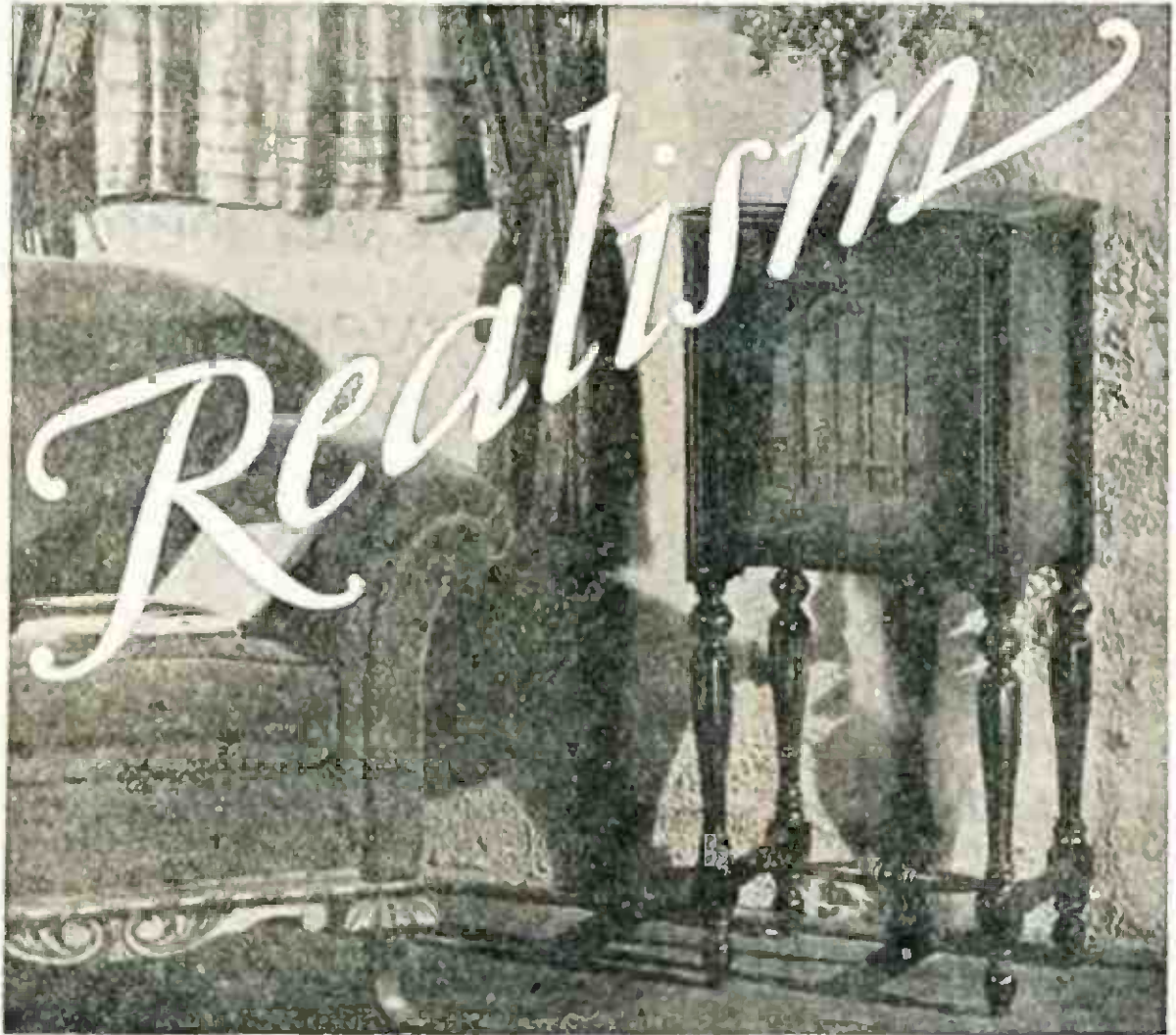
10:00 p. m.—The Big Show offers two hours of enthralling entertainment by staff member of NBC.

Broadcast over KHQ, KGW, KGO (10:30 to 12:00).

Golden Bear AIR COLUMN SPEAKER

12 Sizes — WE. 2712  
1929 Los Angeles St., L. A.

# MAGNAVOX *"Dynamic"* SPEAKERS



LICENSED APPARATUS  
**DYNAMIC**  
THE MARK OF THE GENUINE

Magnavox realism of reproduction plus Magnavox cabinet artistry has made this the most popular of all dynamics. The Aristocrat is one of the most graceful of all Magnavox Models. It has a classic walnut cabinet. *Price . . . . AC \$70; DC \$60*

## WHOLESALE DISTRIBUTORS

**C. C. LAWTON CO.**  
1125 Wall St., Los Angeles  
**SPLITDORF BETHLEHEM CO.**  
727 Venice Blvd., Los Angeles

**LEO J. MEYBERG CO.**  
1022 Wall St., Los Angeles  
**WESTERN RADIO, INC.**  
1224 Wall St., Los Angeles



**CONSOLE**  
**AC Model No. 210**  
*Uses 7 tubes and rectifier tube,  
 Equipped with Jensen Dynamic  
 Speaker.*

**\$187.25**  
*(Less Tubes)*



**AC All Aluminium**  
**Model No. 2**  
*Uses 7 tubes and rectifier  
 tube.*

**\$110.00**  
*(Less Tubes)*



**AC Model No. 3**  
*Mahogany, Uses 7 tubes  
 and rectifier tube.*

**\$130.00**  
*(Less Tubes)*

# Eveready Radio

Never before such radio value.  
 Never before such performance.  
 Positively amazing realism,  
 sensitivity and distance

Prom By

The Eveready Fidelity Curve

See and hear it today Ask any reliable  
 radio dealer

*[DEALERS: This will be  
 the most valuable radio  
 franchise in 1929. A few  
 territorial franchises are  
 still open.]*

*[Hear the Eveready Hour  
 transcontinental broadcast  
 over KFI and Pacific Coast  
 Network every Tuesday  
 night at 6 to 7 p.m., Pacific  
 time.]*

**Reiman Wholesale Electric Company**

*Southern California Distributor*

218-224 E. Third St.

Los Angeles

Metropolitan 4280

SOLD ONLY THROUGH AUTHORIZED DEALERS



**CONSOLE**  
**AC Model No. 250**  
*Uses 7 tubes and rectifier tube,  
 Equipped with Jensen Dynamic  
 Speaker.*

**\$227.25**  
*(Less Tubes)*



**AC Model No. 1**  
*Maple, Uses 7 tubes and rectifier tube,  
 with stand.*

**\$115.00**  
*(Less Tubes)*

The essential features of these programs are identical with those sent by the stations.



ROBERT HURD

KFI

Los Angeles, Calif.—640 Kc.

5000 WATTS—468.5 METERS

Radio Central Super-Station of Earle C. Anthony, Inc.  
1000 S. Hope. Phone WE. 931, After 5 P. m., WE. 0337

DAILY EXCEPT SUNDAY

- 8:00 a. m.—Shell Happy Time from KPO.
- 12:00 noon—U. C. and U. S. Dept. of Agriculture Talks.
- 12:15 p. m.—Federal and State Market Reports.
- 1:00 p. m.—Talk on Traffic Violations (except Tuesday).
- 5:00 p. m.—The Brother Ken (except Saturday).
- 10:00 p. m.—NBC Dance Music (except Monday and Tuesday).

- 11:30 a. m.—NBC, Thine Hand Cream program.
- 12:25 p. m.—L. A. Police Dept. of Public Safety.
- 12:45 p. m.—A. A. Macy book talk.
- 2:00 p. m.—Variety Hour.
- 3:00 p. m.—Tom Witted, character songs.
- 3:30 p. m.—Gus Quinlan, tenor.
- 4:00 p. m.—Inez Ingram, uke and song; Bill Bride well Dance, mezzo soprano.
- 4:30 p. m.—Harmony Trio.
- 5:30 p. m.—Nelle Callender Mills, violinist.
- 5:30 p. m.—Dr. Clarkson of Better American Fed.
- 6:00 p. m.—Studio program.
- 6:30 p. m.—NBC, Palmolive program.
- 7:30 p. m.—NBC, Yellow Cab program.
- 8:00 p. m.—Pasadena Trio.
- 8:30 p. m.—South American Tango Concert Orchestra.
- 9:00 p. m.—NBC, Associate Oil Co.
- 9:30 p. m.—Georgia O. George.

THURSDAY, DECEMBER 20

- 11:00 a. m.—Temple Baptist Church.
- 1:00 p. m.—Margaret Ruth Kernan.
- 1:30 p. m.—NBC, Fearless Reproducers program.
- 2:00 p. m.—Bethel Temple Young People.
- 3:00 p. m.—NBC, Musical program.
- 4:30 p. m.—NBC, Biblical stories.
- 5:00 p. m.—L. A. Church Federation program.
- 5:58 p. m.—Father Heard's Sunspot Weather Forecast.
- 6:15 p. m.—NBC, Atwater Kent Auditions.
- 7:15 p. m.—NBC, Dunn & McCarthy program.
- 7:30 p. m.—Whittall Audio-Perkins.
- 8:00 p. m.—Story Hour with Packard Concert Orchestra, Pryor Moore, director; Zhar Clark, harpist.
- 8:00 p. m.—NBC, Atwater Kent Co. program.
- 9:30 p. m.—Norma Byington, soprano.
- 10:00 p. m.—Wally Perrin's Packard Orchestra; Jean Dunn, soloist.

MONDAY, DECEMBER 17

- 12:10 p. m.—C. S. lecture, John E. Sedman, Cambridge.
- 12:50 p. m.—Shirley Held, piano and song.
- 1:02 p. m.—Raymond Schouten, pianist; Noreen Camille, character sketches.
- 1:30 p. m.—Violet Diana Steinaman, Angel of the Air.
- 2:00 p. m.—Wilfred Butterworth, tenor, acc. by Ann McKinley.
- 2:30 p. m.—Studio program.
- 3:00 p. m.—L. A. Vite Dept. Orchestra; Dorothy Green.
- 4:00 p. m.—Mario Van Praag, soprano.
- 4:30 p. m.—Ruby Berry, song.
- 5:30 p. m.—Uncle Andy Claus, sponsored by Erwin Wasey & Co.
- 6:00 p. m.—E. H. Rust, nurseryman.
- 6:15 p. m.—Genevieve Behrend, "Science of Life."
- 6:30 p. m.—NBC, General Motors program.
- 7:30 p. m.—Bridge lesson by Mrs. June Snow.
- 7:45 p. m.—Police Commissioner W. G. Thorpe.
- 8:00 p. m.—NBC, Shell program.
- 9:00 p. m.—NBC, Firestone Tire & Rubber Co. prog.
- 9:30 p. m.—Georgia O. George.
- 10:00 p. m.—Night Cap Melodies, Packard Concert Orchestra, Pryor Moore, director.

TUESDAY, DECEMBER 18

- 9:00 a. m.—Musical program by Sylvia.
- 10:00 a. m.—Sylvia's Happy Hour, sponsored by Bristol & Rudin.
- 10:30 a. m.—NBC, Woman's Magazine of the Air.
- 11:30 a. m.—Georgia O. George Lab.
- 12:25 p. m.—Talks on Traffic Violations.
- 2:00 p. m.—Sunny Brooks.
- 2:30 p. m.—Idell More, Hazel Shively, Eleanor Meade.
- 3:00 p. m.—Marie Labikar, contralto.
- 3:45 p. m.—Dr. Miller, "Human Nature Around the World."
- 4:00 p. m.—Fred Skinner, piano; Cecil Fry, piano and song.
- 5:00 p. m.—Big Brother Ken.
- 5:30 p. m.—Prof. Carl S. Knopf.
- 5:45 p. m.—Department of Commerce talk.
- 6:00 p. m.—NBC, Eveready program.
- 7:00 p. m.—NBC, Chloret Club program.
- 7:30 p. m.—Old Man Opportunity.
- 8:00 p. m.—Nick Harris, detective stories.
- 8:30 p. m.—NBC, American Maize Co.
- 9:00 p. m.—Packard Concert Orch., dir. Robt. Hurd.

WEDNESDAY, DECEMBER 19

- 10:00 a. m.—Betty Crocker, Gold Medal talk.
- 10:30 a. m.—NBC, Woman's Magazine of the Air.

- 10:00 a. m.—Sylvia's Happy Hour, sponsored by Bristol & Rudin.
- 11:00 a. m.—Georgia O. George.
- 11:30 a. m.—NBC, Standard School program.
- 12:23 p. m.—Kenny and Ray.
- 1:02 p. m.—Smiling Eddie Marble.
- 1:30 p. m.—Elizabeth Cooper.
- 2:00 p. m.—Helen White, blues; Aaron Gonzalez, piano.
- 2:45 p. m.—Felix Orman, "American Motion Pictures in Europe."
- 3:00 p. m.—Alma and Adele Howell.
- 3:30 p. m.—Betty Thompson, contralto and pianist.
- 4:00 p. m.—Jack McGuire and Albo Stoddard.
- 4:30 p. m.—Kay Phillips.
- 4:45 p. m.—Dr. H. Edward Myers.
- 5:30 p. m.—Griffith Jones, attorney.
- 5:45 p. m.—Senator George W. Cartwright.
- 6:00 p. m.—NBC, Resolving Singers.
- 6:30 p. m.—Ted Wyatt and his uke.
- 7:00 p. m.—Gen. E. Chase, L. A. Public Library.
- 7:30 p. m.—NBC, Standard Symphony Orchestra.
- 8:30 p. m.—Georgia O. George.
- 9:30 p. m.—NBC, Maxwell House program.

FRIDAY, DECEMBER 21

- 10:00 a. m.—Betty Crocker Gold Medal talk.
- 10:30 a. m.—NBC, Woman's Magazine of the Air.
- 12:25 p. m.—Franklin J. Graves.
- 2:00 p. m.—Studio program.
- 2:30 p. m.—Wm. Don, English comedian.
- 3:00 a. m.—Dolly McDonald, blues.
- 3:30 p. m.—Victor Miller, character sketches.
- 4:00 p. m.—Cordell Trio with Hilda Goldman, soloist.
- 5:00 p. m.—Big Brother Ken.
- 5:30 p. m.—Uncle Andy Claus, Erwin Wasey & Co.
- 6:00 p. m.—NBC, Writer program.
- 6:30 p. m.—Studio program.
- 7:00 p. m.—L. A. Studio program, Spanish hour.
- 8:00 p. m.—NBC, RCA Hour.
- 9:00 p. m.—Georgia O. George Lab.

SATURDAY, DECEMBER 22

- 12:25 p. m.—Silverstone Harmonics Trio.
- 12:30 p. m.—Paris Inn Cafe Orchestra, E. E. Sheets.
- 1:02 p. m.—Paris Inn Cafe Orchestra.
- 2:00 p. m.—Gene Perry.
- 3:00 p. m.—Variety Hour.
- 4:00 p. m.—Opal Snow.
- 4:45 p. m.—Walter W. Strong, dietitian.
- 5:00 p. m.—NBC, Walter Damrosch Orchestra.
- 5:00 p. m.—NBC, Philco Hour.
- 7:00 p. m.—NBC, Lucky Strike Hour.
- 8:00 p. m.—Studio program.
- 9:00 p. m.—Packard Concert Orchestra; Everton Stidham, baritone.
- 10:00 p. m.—KFI Symphonette; Lenore Killian.
- 11:00 p. m.—KFI Midnight Frolic.

\*See Page 52 for detailed National Broadcasting Company program.

Copyright 1929 by Earle C. Anthony, Inc.

GILFILLAN

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

# SHORT WAVES

## AERO

### INTERNATIONAL

Short Wave

### Broadcast Receiver

### STANDARD

Short Wave

### Converters

THE new Aero "International" Receiver using one shield grid R. F. stage before a regenerative detector is wonderfully smooth in operation. Unusually clear blue prints of the whole chassis assembly make wiring very easy, and the completeness of the kit which includes every necessary part even to wire and solder, assures the user of having no bothersome "extras" to buy after getting the kit. This kit No. 8 lists at only \$55.30 complete.

The new Aero "Standard" Short Wave Converters are supplied in AC and DC models for use with any broadcast receiver. They are partly wired at the factory, and tested on actual broadcasting before shipment. Only four or five wires left to connect, and no extra tubes or batteries are required. Simply plug into detector socket of receiver. Either AC or DC kits list at \$32.00, complete.



The famous LWT-125 Kit has been used in more short wave receivers than all other makes of coils combined. Wave length 13 to 135 meters —with extra coils up to 725 meters. Price \$12.50.



The new "International" Short Wave coils are only 2 inches in diameter, and have the new low-loss primary. Kit LWT-12, 16 to 89 meters, \$12.50. Kit LWT-10, without base or primary, \$10.50.

The new 1929 Aero Green Book, with twenty-five circuits and lots of useful dope, sent postpaid on receipt of \$2.25 to cover cost and mailing. Write for your copy today.

# AERO COIL

Factory Representatives:

## HENGER-SELTZER COMPANY

711 East 14th Street, Los Angeles, California

1063 Howard Street, San Francisco, California

The essential features of these programs are identical with those sent by the stations.



E. K. BARNES

# KHJ Los Angeles, Calif.—900 Kc.

1000 WATTS—333.1 METERS

Don Lee Bldg., 7th and Bixel Sts. Owned and Operated by Don Lee, Calif. Dist. for Cadillac and LaSalle. Phone TR. 8411.

Glenn R. Dolberg  
Night Time Director

E. K. Barnes  
Daytime Director

C. M. C. Raymond  
Commercial Director

Ernest G. Underwood  
Technical Director

7:00 p. m.—Inglewood Park Cemetery Ass'n.  
8:00 p. m.—Wetherby Kayser Shoe Co. program.  
9:00 p. m.—Itzhfeld Oil Co. program.

## TUESDAY, DECEMBER 18

10:00 a. m.—University of Southern California  
11:15 a. m.—Dr. Eugene Brown, talk on "Health."  
12:45 p. m.—L. A. Adv. Club Luncheon, from Baltimore  
1:30 p. m.—Meyrohl program, with Charlie Wellman.  
2:00 p. m.—U. S. C. Trojan Hour.  
2:30 p. m.—Street and Highway Safety.  
4:00 p. m.—Dr. Frank McCoy, health talk.  
4:30 p. m.—Itzhfeld Edgar Magnin's Hour.  
7:00 p. m.—Giffilian Radio program.  
7:30 p. m.—Orrrell Furniture Co. playlet.  
8:00 p. m.—Edison Co. program.  
9:00 p. m.—Don Lee Symphony.

## WEDNESDAY, DECEMBER 19

10:00 a. m.—University of Southern California.  
12:45 p. m.—L. A. Optimists' Club Luncheon from Baltimore.  
2:00 p. m.—Dr. Eugene Brown, health talk.  
2:30 p. m.—Los Angeles Public Library.  
4:00 p. m.—Fred C. McNabb, Garden talk.  
6:15 p. m.—Organ recital, courtesy Giffilian Radio.  
7:00 p. m.—KHJ Concert Orchestra.  
8:00 p. m.—Pacific States Savings & Loan Co. program.  
9:00 p. m.—Evela Allman's Surprise Package.

## THURSDAY, DECEMBER 20

10:00 a. m.—University of Southern California.  
11:30 a. m.—Studio program.  
2:00 p. m.—Bureau of Public Safety.  
2:30 p. m.—Dorothy Ellen Cole, "This and That."  
4:00 p. m.—Dr. Philip M. Lovell, "Care of the Body."  
4:30 p. m.—"Uncle Jerry." "Trip Through Funland."  
7:00 p. m.—Inglewood Park Cemetery Association.  
7:30 p. m.—Giffilian Radio program.  
8:00 p. m.—Dueser & Watson, Inc.  
9:00 p. m.—Marlin Music Co. program.

## FRIDAY, DECEMBER 21

8:00 a. m.—Verdugo Woodlands Breakfast Club.  
2:00 p. m.—U. S. C. Trojan Hour.  
2:30 p. m.—Florence Robinson, The Theater, Past, Present and Future.  
3:00 p. m.—Evela Allman's Surprise Package.  
4:00 p. m.—Los Angeles City Schools program.  
4:30 p. m.—Council of International Relations.  
7:00 p. m.—U. S. C. Trojan program.  
7:30 p. m.—Meyrohl Chemical Co. program, with Charlie Wellman.  
8:00 a. m.—Continuity program, written by Van C. Newkirk.  
9:00 p. m.—Don Lee Symphony.

## SATURDAY, DECEMBER 22

8:00 to 12:00 noon—Dark.  
2:00 p. m.—KHJ Concert Soloists.  
3:00 p. m.—Melody Masters.  
7:00 p. m.—Bond Electric Corp. program.  
7:30 p. m.—General Motors Co. program.  
8:00 p. m.—Don Lee Christmas Party.

### DAILY EXCEPT SUNDAY

7:30 a. m.—Physical Culture Period by Dr. Philip M. Lovell.  
8:00 a. m.—KHJ Early Bird Program (ex. Fri. & Sat.).  
9:00 a. m.—Half hour of late recordings (ex. Sat.).  
9:30 a. m.—Studio Program, featuring Mona Content (except Saturday).  
10:15 a. m.—Agnes White, "At Our Hour" (ex. Sat.).  
12:00 noon—Los Angeles Baltimore Hotel Concert Orch.  
12:30 p. m.—World-Wide News, courtesy L. A. Times.  
1:30 p. m.—Charlie Wellman's Request Program.  
3:30 p. m.—Matinee Melody Masters (except Monday).  
4:00 p. m.—Lecture Period.  
5:00 p. m.—Story Man and his Air Castle (ex. Mon.).  
8:00 p. m.—Nightly Dolm.  
8:15 p. m.—Organ Recital by Wesley B. Tourtelotte.  
8:45 p. m.—World-Wide News, courtesy L. A. Times.  
7:00 p. m.—Concert Orchestra and Soloists (ex. Tues.).  
10:00 p. m.—Earl Burnett's Los Angeles Baltimore Hotel Concert Orchestra and Intermissions, through the courtesy of Dueser & Watson, Majestic Distributors.

### SUNDAY, DECEMBER 18

9:30 a. m.—Late recording.  
10:00 a. m.—Morning services, First M. E. Church.  
12:30 p. m.—Recollections.  
2:00 p. m.—"The Old Adobe of Verdugo Woodlands."  
3:00 p. m.—Concert recordings, courtesy Richardson's.  
5:00 p. m.—KHJ Ballad Hour.  
6:00 p. m.—Nightly Doings.  
6:15 p. m.—Twilight Musicals.  
6:45 p. m.—World-Wide News, courtesy L. A. Times.  
7:00 p. m.—Evening services from First M. E. Church.  
8:00 p. m.—Don Lee Symphony Orchestra.  
9:00 p. m.—Cadillac-LaSalle Orchestra.  
10:00 p. m.—Viennese Quintette.  
11:00 p. m.—KHJ Dance Orchestra.

### MONDAY, DECEMBER 17

10:00 a. m.—University of Southern California.  
11:15 a. m.—Dr. Eugene Brown.  
3:00 p. m.—"Chasin' the Blues."  
4:00 p. m.—George M. Lord, Western Air Express.  
6:15 p. m.—M. D. Benesh, L. A. Co. Sheriff's Office.  
4:30 a. m.—Mary Shannon Harrington, talk on "Problems of the Time."  
5:00 p. m.—Pacific States Savings & Loan Co. program.  
8:15 p. m.—Organ recital, courtesy Giffilian Radio.

## MAJESTIC!

ATWATER-KENT

AXridge 1581

Service with a Smile

WATSON RADIO CO.

4411 S. Broadway

WALTER BIDDICK — Phone WEStmore 9137

"A Complete Radio Program and Announcement Service"

## KOLSTER STEWART WARNER

The Latest Dynamic Speakers and Power Amplifiers  
The Finest Service in Los Angeles

## CRENSHAW RADIO SHOP

EMpire 8423

"The Logical Place to Buy"

2543 Crenshaw Blvd., at Adams

# Exclusive Feature

*Atwater Kent Radio!  
Dynamic Speaker!  
Highboy Cabinet!*



*Complete with Tubes*

**\$ 167<sup>00</sup>**

This exclusive feature is offered only at the Birch-Smith Furniture Co. A combination of the two greatest Radio values now being offered: Atwater Kent Radio, Dynamic Speaker, plus a cabinet of unusual distinction, at a price and on terms well within the reach of every home.

*Downtown Distributor for Majestic and Sparton*

*Usual Birch-Smith Terms*

**Birch-Smith Furniture Co**

737-41 Hill St. Near 8<sup>th</sup>

Phone TRinity 4121



The essential features of these programs are identical with those sent by the stations.

# KHJ Los Angeles, Calif.—900 Kc.

1000 WATTS—333.1 METERS

Don Lee Bldg., 7th and Bixel Sts. Owned and Operated by Don Lee. Calif. Dist. for Cadillac and LaSalle. Phone TR. 8411.



E. K. BARNES

Glen R. Dolberg  
Night Time Director

E. K. Barnes  
Daytime Director

C. M. C. Raymond  
Commercial Director

Ernest G. Underwood  
Technical Director

7:00 p. m.—Inglewood Park Cemetery Ass'n.  
8:00 p. m.—Wetherby Kayser Shoe Co. program.  
9:00 p. m.—Richfield Oil Co. program.

### TUESDAY, DECEMBER 18

10:00 a. m.—University of Southern California.  
11:15 a. m.—Dr. Eugene Brown, talk on "Health."  
12:45 p. m.—L. A. Adv. Club luncheon, from Baltimore.  
1:30 p. m.—Myrohl program, with Charlie Wellman.  
2:00 p. m.—U. S. C. Trojan Hour.  
2:30 p. m.—Street and Highway Safety.  
4:00 p. m.—Dr. Frank McCoy, health talk.  
4:30 p. m.—Rabbi Edgar Muehlen's Hour.  
7:00 p. m.—Gillian Radio program.  
7:30 p. m.—General Furniture Co. playlet.  
8:00 p. m.—Edison Co. program.  
9:00 p. m.—Don Lee Symphonies.

### WEDNESDAY, DECEMBER 19

10:00 a. m.—University of Southern California.  
12:45 p. m.—L. A. Opticists' Club Luncheon from Baltimore.  
2:00 p. m.—Dr. Eugene Brown, health talk.  
2:30 p. m.—Los Angeles Public Library.  
4:00 p. m.—Fred C. McNabb, Garden talk.  
6:15 p. m.—Organ recital, courtesy Gillilan Radio.  
7:00 p. m.—KHJ Concert Orchestra.  
8:00 p. m.—Pacific States Savings & Loan Co. program.  
9:00 p. m.—Eric Allman's Surprise Package.

### THURSDAY, DECEMBER 20

10:00 a. m.—University of Southern California.  
11:30 a. m.—Studio program.  
2:00 p. m.—Bureau of Public Safety.  
2:30 p. m.—Dorothy Kilen Cole, "This and That."  
4:00 p. m.—Dr. Philip M. Lovell, "Care of the Body."  
4:30 p. m.—"Uncle Jerry," "Trip Through Farland."  
7:00 p. m.—Inglewood Park Cemetery Association.  
7:30 p. m.—Gillian Radio program.  
8:00 p. m.—Dunbar & Watson, Inc.  
9:00 p. m.—March Music Co. program.

### FRIDAY, DECEMBER 21

8:00 a. m.—Verdugo Woodlands' Breakfast Club.  
2:00 p. m.—U. S. C. Trojan Hour.  
2:30 p. m.—Florence Robinson, The Theater, Past, Present and Future.  
3:00 p. m.—Eric Allman's Surprise Package.  
4:00 p. m.—Los Angeles City Schools program.  
4:45 p. m.—Council of International Relations.  
7:00 p. m.—U. S. C. Trojan program.  
7:30 p. m.—Myrohl Chemical Co. program, with Charlie Wellman.  
8:00 p. m.—Continuity program, written by Van C. Newkirk.  
9:00 p. m.—Don Lee Symphonies.

### SATURDAY, DECEMBER 22

8:00 to 12:00 noon—Dark.  
2:00 p. m.—KHJ Concert Soloists.  
3:00 p. m.—Melody Masters.  
7:00 p. m.—Rand Electric Corp. program.  
7:30 p. m.—General Motors Co. program.  
8:00 p. m.—Don Lee Christmas Party.

**DAILY EXCEPT SUNDAY**  
7:30 a. m.—Physical Culture Period by Dr. Philip M. Lovell.  
8:00 a. m.—KHJ Early Bird Program (ex. Fri. & Sat.).  
9:00 a. m.—Half hour of late recordings (ex. Sat.).  
9:30 a. m.—Studio Program, featuring Mona Content (except Saturday).  
10:15 a. m.—Aimee White, "At Our Hour" (ex. Sat.).  
10:30 noon—Los Angeles Baltimore Hotel Concert Orch.  
12:30 p. m.—World-Wide News, courtesy L. A. Times.  
1:30 p. m.—Charlie Wellman's Request Program.  
3:30 p. m.—Matinee Melody Masters (except Monday).  
4:00 p. m.—Lecture Period.  
5:00 p. m.—Story Man and his Air Castle (ex. Mon.).  
6:00 p. m.—Nightly Doings.  
6:15 p. m.—Organ Recital by Wesley B. Tourtelotte.  
6:45 p. m.—World-Wide News, courtesy L. A. Times.  
7:00 p. m.—Concert Orchestra and Soloists (ex. Tues.).  
10:00 p. m.—Earl Burnett's Los Angeles Baltimore Hotel Concert Orchestra and Intermissions, through the courtesy of Dunbar & Watson, Majestic Distributors.

### SUNDAY, DECEMBER 16

9:30 a. m.—Late recordings.  
10:30 a. m.—Morning services, First M. E. Church.  
12:00 p. m.—Beretillaga.  
2:00 p. m.—"The Old Adobe of Verdugo Woodlands."  
3:00 p. m.—Concert recordings, courtesy Richardson's.  
5:00 p. m.—KHJ Ballad Hour.  
6:00 p. m.—Nightly Doings.  
6:15 p. m.—Twilight Musicals.  
6:45 p. m.—World-Wide News, courtesy L. A. Times.  
7:00 p. m.—Evening services from First M. E. Church.  
8:00 p. m.—Don Lee Symphonies Orchestra.  
9:00 p. m.—Cadillac-LaSalle Orchestra.  
10:00 p. m.—Viennese Quadrette.  
11:00 p. m.—KHJ Dance Orchestra.

### MONDAY, DECEMBER 17

10:00 a. m.—University of Southern California.  
11:15 a. m.—Dr. Eugene Brown.  
3:00 p. m.—"Chaun" the Pica..  
4:00 p. m.—George M. Lord, Western Air Express.  
4:15 p. m.—M. D. Bennett, L. A. Co. Sheriff's Office.  
4:30 p. m.—Marce Shannon Harrington, talk on "Problems of the Home."  
5:00 p. m.—Pacific States Savings & Loan Co. program.  
6:15 p. m.—Organ recital, courtesy Gillilan Radio.

## MAJESTIC!

ATWATER-KENT

AXridge 1581

Service with a Smile

WATSON RADIO CO.

4411 S. Broadway

WALTER BIDDICK — Phone WEstmore 9137

"A Complete Radio Program and Announcement Service"

## KOLSTER STEWART WARNER

The Latest Dynamic Speakers and Power Amplifiers  
The Finest Service in Los Angeles

## CRENSHAW RADIO SHOP

EMpire 8423

"The Logical Place to Buy"

2543 Crenshaw Blvd., at Adams

# Exclusive Feature

*Atwater Kent Radio!  
Dynamic Speaker!  
Highboy Cabinet!*



*Complete with Tubes*

\$ 167<sup>00</sup>

This exclusive feature is offered only at the Birch-Smith Furniture Co. A combination of the two greatest Radio values now being offered: Atwater Kent Radio, Dynamic Speaker, plus a cabinet of unusual distinction, at a price and on terms well within the reach of every home.

*Downtown Distributor for Majestic and Sparton*

*Usual Birch-Smith Terms*

**Birch-Smith Furniture Co**

737-41 Hill St. Near 8<sup>th</sup>

Phone TRinity 4121

The essential features of these programs are identical with those sent by the stations.



GLEN RICE

# KNX Hollywood, Calif.—1050 Kc.

5000 Watts—255.5 Meters—Los Angeles Evening Express  
Paramount-Lasky Studio, 5638 Marathon  
"The Voice of Hollywood"

Phone HEmpstead 4191

**Naylor Rogers**  
Manager and Program  
Director

**Glen Rice**  
Assistant Manager

**M. D. Server**  
Technical Engineer

## DAILY EXCEPT SUNDAY

- 6:45 a. m.—"Earlybirds," exercises given by Dr. P. M. Selzka.  
7:15 a. m.—"Pen and Vigor," exercises given by Dr. P. M. Selzka.  
7:45 a. m.—"Home Folks," exercises given by Dr. P. M. Selzka.  
8:30 a. m.—Inspirational talk and morning prayer.  
8:35 a. m.—Time Signals from Washington, D. C.  
9:30 a. m.—Radio Shopping News, conducted by Carrie Preston Hittmister.  
10:30 a. m.—Town Crier of the Day's morning message.  
10:39 a. m.—Kate Drew Vaughn, director of Household Economics Department of the Evening Express.  
12:30 noon—Loudhorns Time Signals, courtesy Geo. D. Davidson Company.  
12:30 noon—Musical Program.  
12:30 p. m.—W. F. Adler, travelogue.  
1:15 p. m.—The Bookworm.  
2:30 p. m.—Program, through the courtesy of the Los Angeles Evening Express Classified Advertising Department.  
2:30 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.—Stock market reports.  
5:00 p. m.—"Own Your Own Home," by Chet Miltendorf.  
5:45 p. m.—Town Crier's Timely Amusement Tips.  
6:30 p. m.—Dinner Program, presenting the KNX String Quintet, under the direction of Paul Flindrin.  
8:30 p. m.—C. Sharp-Minor at the organ from the Hotel Ambassador Theater.  
7:30 p. m.—Loudhorns Time Signals, courtesy Geo. D. Davidson Company.  
10:30 p. m.—Loudhorns Time Signals, courtesy Geo. D. Davidson Company.  
10:30 p. m.—Hotel Ambassador; One Arabian and His Cornant Grove Orchestra, through the courtesy of the Ives Motor Car Company of California.  
12:30 midnight—The Dorado Club Silver Fox Dance

## SUNDAY, DECEMBER 16

- 8:30 a. m.—Musical program by Chet Miltendorf.  
10:30 a. m.—Braum Toothpaste Co. courtesy program.  
11:30 a. m.—First Presbyterian Church of Hollywood.  
12:30 p. m.—"Automobile Buyers Guide."  
1:30 p. m.—International Bible Students Assn.  
2:30 p. m.—City Park Board musical program.  
3:30 p. m.—All Souls Church; Dr. Charles Alred.  
6:30 p. m.—Talk by Ernest Holmes.  
8:30 p. m.—First Unitarian Church.  
7:30 p. m.—Josef Rosenfeld's Concert Orchestra from the Hotel Ambassador.  
8:30 p. m.—First Presbyterian Church of Hollywood. Rev. Stewart P. MacLennan, pastor.  
9:00 p. m.—Calvin Lebowicki, master violinist; Claire Melonina, pianist; Walter V. Farnor, cellist.

## MONDAY, DECEMBER 17

- 11:30 a. m.—Georgia O. George courtesy program.

- 4:00 p. m.—Perfect Eyesight Without Glasses, by Dr. Wesley M. Barrett.  
7:30 p. m.—Feature program.  
7:30 p. m.—One-act play directed by Georgia Finkel, courtesy Overell Furniture Co.  
8:00 p. m.—Fitzgerald Music Co. courtesy program.  
9:00 p. m.—Feature program.

## TUESDAY, DECEMBER 18

- 11:00 a. m.—Strasska Laboratories presenting Tom Brennan.  
11:30 a. m.—French lessons by Edgard Leon.  
2:30 p. m.—Musical program.  
4:00 p. m.—Garden talk by Doreen R. Krackberg, courtesy Thorsberg Pagan Nurseries.  
4:15 p. m.—Hercules, the Psychic Prince.  
7:00 p. m.—Talk on Popular Science by Dr. Mars Hubbard.  
7:30 p. m.—Strasska Laboratories presenting Tom Brennan.  
8:00 p. m.—Hercules, the Psychic Prince, Hercules and his Mule, Hercules.  
9:00 p. m.—Feature program.

## WEDNESDAY, DECEMBER 19

- 4:00 p. m.—Perfect Eyesight Without Glasses, by Dr. Wesley M. Barrett.  
6:00 p. m.—"Pizzosa's" Club conducted by Wedgwood Nowell.  
7:00 p. m.—Starting Company courtesy program.  
7:30 p. m.—Strasska Laboratories presenting Tom Brennan.  
8:00 p. m.—Brown-Jensen Company courtesy program.  
8:30 p. m.—Great Moments in History, courtesy Los Cabin Bread Co.  
9:00 p. m.—Feature program.

## THURSDAY, DECEMBER 20

- 11:00 a. m.—French lessons by Edgard Leon.  
2:30 p. m.—Paul Hagen.  
4:00 p. m.—Louise Johnson, reading horoscope.  
7:00 p. m.—Strasska Lab. presenting Tom Brennan.  
7:30 p. m.—Imperial Gas Co. of Long Beach courtesy program.  
8:30 p. m.—Plant Personality program.  
9:00 p. m.—Feature program.

## FRIDAY, DECEMBER 21

- 10:30 a. m.—Strasska Lab. presenting Tom Brennan.  
2:30 p. m.—L. A. Dist. Fed. of Women's Clubs.  
4:00 p. m.—Perfect Eyesight Without Glasses, by Dr. Wesley M. Barrett.  
4:30 p. m.—Hercules, the Psychic Prince.  
7:00 p. m.—Strasska Lab. presenting Tom Brennan.  
7:30 p. m.—Hancock Oil Co. courtesy program.  
8:00 p. m.—Royal Order of Optimistic Daughters, courtesy Davis Protection Bread Co.  
9:00 p. m.—Glimore Oil Co. presenting Lion Tamers.  
9:45 p. m.—Main arena from Hollywood Legion Stadium, courtesy Dan Parker, the Trailer.

## SATURDAY, DECEMBER 22

- 10:30 a. m.—Beauty talk courtesy of Madam Maria.  
1:00 p. m.—C. P. R.'s musical program.  
2:00 p. m.—Football game from Coliseum, courtesy of Union Oil Co.  
6:00 p. m.—"Pizzosa's" Club, conducted by Wedgwood Nowell.  
7:00 p. m.—Hindy & Albright courtesy program.  
8:00 p. m.—Announcement of services of leading Los Angeles churches.  
8:30 p. m.—Feature program.  
9:00 p. m.—Mr. and Mrs. Radio Show.  
9:30 p. m.—Feature program.  
1:30 a. m.—The Midnight Express.

**ATWATER KENT**  
IN HOLLYWOOD

Expert Radio Service



Call GR 4876

**HOLLY-ANGELES**  
MUSIC CO.

6611-HOLLYWOOD BLVD.

The essential features of these programs are identical with those sent by the stations. By order of the Federal Radio Commission, KMTR and KPLA must share time.



LESLIE ADAMS

# KMTR

Dean Metcalf  
Publicity  
Forbes Van Why  
Chief Engineer  
Loren Powell  
Program and Musical  
Director  
Leslie Adams  
Chief Announcer

## Hollywood, Calif.—570 Kc.

500 WATTS—526.0 METERS  
KMTR RADIO STATION, 1028 N. Highland Ave. HOLLY 3028  
The Official Broadcasting Station of the  
Los Angeles Evening Herald.

- 8:15 p. m.—Evening Herald news items.
  - 8:30 p. m.—KMTR Melody Makers.
  - 11:00 p. m.—Recordings and Leslie Adams, pianist.
- TUESDAY, DECEMBER 18**
- 7:00 p. m.—Santa Claus on the air from the May Co.
  - 7:30 p. m.—Treasure Chest.
  - 7:45 p. m.—Evening Herald news bulletins.
  - 10:00 p. m.—Loren Powell's Little Symphony; Eva Olivetti, soprano.
  - 11:00 p. m.—Leslie Adams, pianist and whistler.

- DAILY EXCEPT SUNDAY**
- 12:00 midnight.—Louise Howell.
  - 6:00 a. m.—Louise Howell's Happiness Hour.
  - 7:00 p. m.—The New Idea Man's Wholesome Food Breakfast Club.
  - 8:57 a. m.—Time Signals from Washington, D. C.
  - 9:00 a. m.—Mildred Kirtson, household economy expert of the Evening Herald.
  - 12:30 p. m.—Evening Herald news items.
  - 12:45 p. m.—Dollars and Sense.
  - 1:00 p. m.—Press Agent with the Sunshine Four.
  - 2:00 p. m.—KMTR Spanish program announced in Spanish by Mercedes Luisa Lujan.
  - 2:45 p. m.—Timely topics.

- SUNDAY, DECEMBER 16**
- 7:00 a. m.—The New Idea Man's Wholesome Food Breakfast Club.
  - 9:00 a. m.—Musical Journey with John Wright, the Night Teller.
  - 12:00 noon.—Hercules.
  - 12:30 p. m.—Lloyd K. Hillman country program.
  - 6:00 p. m.—Columbia broadcast from New York, featuring the "Two Black Crowns" and Arnold Johnson's Orchestra.
  - 7:30 p. m.—Loren Powell's Little Symphony.
- MONDAY, DECEMBER 17**
- 7:30 p. m.—Loren Powell's Little Symphony.

- WEDNESDAY, DECEMBER 19**
- 1:45 p. m.—Garden talk by Opal Scarborough, from Gormain's.
  - 7:45 p. m.—Evening Herald news items.
  - 8:00 p. m.—Musical program.
  - 9:00 p. m.—Overell's Concert Orchestra.
  - 11:00 p. m.—Nite Club with the Jazz Symphonists; Artie Long from Honey's Gang, New York, and Topsy Sackitt and Olive Reed.

- THURSDAY, DECEMBER 20**
- 7:00 p. m.—Santa Claus on the Air, through the courtesy of the May Co.
  - 7:30 p. m.—Universal Talking Company.
  - 8:00 p. m.—Evening Herald news items.
  - 8:15 p. m.—Loren Powell's Little Symphony.
  - 9:00 p. m.—Musical program.
  - 11:00 p. m.—Recordings and Leslie Adams, pianist.

- FRIDAY, DECEMBER 21**
- 7:45 p. m.—Evening Herald news items.
  - 8:00 p. m.—Treasure Chest.
  - 8:15 p. m.—John Wright program.
  - 11:00 p. m.—Leslie Adams and recordings.

- SATURDAY, DECEMBER 22**
- 7:30 p. m.—Evening Herald news items.
  - 7:45 p. m.—Treasure Chest.
  - 8:00 p. m.—Loren Powell's Little Symphony.
  - 9:00 p. m.—Musical program.
  - 11:00 p. m.—Nite Club, with the Jazz Symphonists.



MARJORIE LESLIE

# KPLA

Phone TRialty 3202  
A. MacDonald  
Manager  
Vale Whitney  
Announcer  
Billy Warren  
Program Manager and  
Director of Popular  
Orchestra  
Marjorie Leslie  
Director of Concert  
Orchestra  
G. M. Sarague  
Director of Transmission

## Los Angeles, Calif.—570 Kc.

500 WATTS—526.0 METERS  
Commercial Exchange Building, Eighth and Olive Streets  
Official Station of The Los Angeles Examiner

- DAILY EXCEPT SUNDAY**
- 9:15 a. m. to 10:00 a. m.—Herald.
  - 11:00 a. m.—Classified Ads. (ex. Sat.).
  - 12:00 noon.—Recordings.
  - 3:00 p. m.—Popular Request program (ex. Sat.).
  - 4:00 p. m.—Herald Talk (ex. Sat.).
  - 4:05 p. m.—KPLA Concert Quartet with soloist (ex. Sat.).
  - 6:00 a. m.—Dringiate Radio Hour.
  - 10:00 p. m.—KPLA Dance Orchestra, minstrel (ex. Wed. and Sat.).

- MONDAY, DECEMBER 17**
- 10:00 a. m.—Prudence Penny.
  - 10:30 a. m.—Re Nu Yuth program with Novelty Six and Chas. Henri.
  - 5:00 p. m.—KPLA Concert Quintette with Ruth Glesby.
  - 7:00 p. m.—J. R. Bentley, Safety-First program, with The Sunny Three.

- TUESDAY, DECEMBER 18**
- 10:00 a. m.—Sunny Three Hawaiian Trio.
  - 10:30 a. m.—Novelty Six.
  - 8:00 p. m.—KPLA Salon Orchestra with Hulda Dietz.
  - 8:00 p. m.—Bridges Game, courtesy U. S. Playing Card Co.

- 8:30 p. m.—Metropolitan Theatre Revue, with Frank Jenks, master of ceremonies.

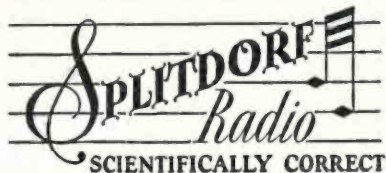
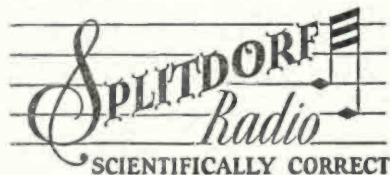
- WEDNESDAY, DECEMBER 19**
- 10:00 a. m.—Prudence Penny.
  - 10:30 a. m.—Re Nu Yuth program, with Novelty Six and Chas. Henri.
  - 5:00 p. m.—KPLA Concert Quintette, with Joe Flaxman.
  - 7:00 p. m.—J. R. Bentley, Safety-First program, with The Sunny Three.
  - 9:00 p. m.—Romola, Inc., KPLA Dance Orchestra, with Joe Graham.

- THURSDAY, DECEMBER 20**
- 10:00 a. m.—Sunny Three Hawaiian Trio.
  - 10:30 a. m.—Novelty Six.
  - 5:00 p. m.—Marjorie Leslie and her Concert Quintette, with Ida Schuetz.

- FRIDAY, DECEMBER 21**
- 10:00 a. m.—Prudence Penny.
  - 10:30 a. m.—Re Nu Yuth program, with Novelty Six.
  - 3:00 p. m.—Los Angeles Police Dept.
  - 5:00 p. m.—KPLA Salon Orchestra, with Emma Kimmel.
  - 7:00 p. m.—J. R. Bentley, Safety-First program, with The Sunny Three.
  - 9:00 p. m.—Moran & Fields Courtesy program; band and soloists.

- SATURDAY, DECEMBER 22**
- 10:00 a. m.—Sunny Three Hawaiian Trio.
  - 10:30 a. m.—Eastern Football game.
  - 2:00 p. m.—Football game at Coliseum.
  - 8:00 p. m.—KPLA Concert Quintette, with Otto Floetz.

- SUNDAY, DECEMBER 23**
- 3:00 p. m.—Concert recordings.
  - 8:00 a. m.—Moran & Mark, The Two Black Crowns, featured over the Columbia Network.
  - 9:00 p. m.—KPLA Dance Orchestra, Edna McKee, Wint Cotton, Billy Barron, in request program.



# Compare Your Set With a Splitdorf Then You'll Realize There's Something New in Radio

See One of these Dealers TODAY For a Free Demonstration

*Belvedere*

**Brooks Furni-  
ture Corp.**

3555 Whittier Blvd.  
Angelus 7669

*Huntington Park*

**C. H. BEVAN**

6316 S. Pacific Blvd.  
DElaware 1936

*Culver City*

**SONG SHOP**

6824 Culver Blvd.  
Phone 4406

*Whittier*

**K. D. Miller  
Electric, Inc.**

218 S. Greenleaf Ave.  
Phone 42-616

*Southwest*

**Holloway Hdwe  
& Radio**

1009 W. Manchester  
THornwall 4736

*Venice-Santa Monica*

**Venice Radio Shop**  
1227 Washington Blvd.  
659-44

**Radio Service Inc.**  
1456 4th St., Santa Monica  
24-332

*Redlands*

**Dale E. Sliger**

414 Orange Street  
Phone Main 1298

*Riverside*

**Brick Wilson**

450 Main Street  
Phone 487

*San Bernardino*



*Pasadena*

**Ashton's Radioelectric Store**

1762 East Colorado Street  
Colorado 4042

EQUIPPED WITH DYNAMIC SPEAKER ONE-SELECTIVITY-DISTANCE SUPREME

The essential features of these programs are identical with those sent by the stations.  
By order of the Federal Radio Commission, KFWB and KPSN must share time.



BILL RAY

# KFWB

Phone GL. 9461

Gerald L. King  
Manager  
Wm. Ray  
Assistant Manager  
Florence Israel  
Program Arranger  
Leslie Hewitt  
Chief Technician

## Hollywood, Calif.—950 Kc.

1000 WATTS—315.8 METERS  
WARNER BROS. MOTION PICTURE STUDIOS  
Warner Brothers' Theater, 5425 Hollywood Boulevard

7:30 p. m.—Harry McIntosh. "The Cheerful Philosopher."  
9:30 p. m.—Bill's Morning Review.  
Signals off at 10:00 p. m.

MONDAY, DECEMBER 17

6:30 p. m.—Vitaphone Jubilee Hour, broadcast from New York over the Columbia Broadcasting System.  
7:00 p. m.—Harry Jackson and his entertainers, by remote control from Pig's Whistle, Hollywood.  
7:30 p. m.—The Kolster Orchestra.  
8:00 p. m.—Selmering All-Tread Orchestra and entertainers.  
9:00 p. m.—Daily news.  
9:10 p. m.—Xavier Cugat, violinist; Evelyn Kemp, pianist.  
9:30 p. m.—Vicenzo Pometti's Concert Orchestra.

TUESDAY, DECEMBER 18

8:00 p. m.—Edgeworth Club program.  
9:30 p. m.—Olympic Auditorium boxing bout.  
10:30 p. m.—Roy Fox's Orchestra, from Montmartre.

WEDNESDAY, DECEMBER 19

8:00 p. m.—Demmond's program, featuring their concert orchestra and soloists.

9:00 p. m.—Ann Gray, popular songs; the Serenaders.

THURSDAY, DECEMBER 20

8:00 p. m.—Kenneth Gillum in popular songs; Len Nash and his Country Boys.  
9:00 p. m.—Vernon Rickard, tenor, and the Federal Radio Orchestra.

FRIDAY, DECEMBER 21

7:45 p. m.—Jean Leonard. "Wizard of the Ivory."  
8:00 p. m.—Daily news items.

8:10 p. m.—Spanish program.

9:00 p. m.—Light Opera Hour, played by Vicenzo Pometti's Concert Orchestra, assisted by Emma Kimmel, soprano, and Charles Beauchamp, tenor.

SATURDAY, DECEMBER 22

7:45 p. m.—Don Warner in piano solos.  
8:00 p. m.—Moss Motor Oil Co., presenting the Moss Motor Girls: Ann Gray, popular songs.  
9:00 p. m.—Program in honor of the Illustrated Daily News.

DAILY EXCEPT SUNDAY

7:00 a. m.—Jack Rinearson's Sunshine Melody Boys.  
9:00 a. m.—Harmony Hour.  
10:00 a. m.—Spanish program.  
11:00 a. m.—KFWB Shoppers' Directory.  
12:00 p. m.—Air Journal.  
1:00 p. m.—Housekeeper's Chat by Aunt Sammy of U. S. Home Economics.  
4:00 p. m.—Travel Tales.  
5:00 p. m.—Radio Review.  
5:45 p. m.—Town Tattler.  
6:00 p. m.—KFWB Concert Quintet.  
6:45 p. m.—Harry Jackson and entertainers from Pig's Whistle, Hollywood.  
7:15 p. m.—Kolster Orchestra, courtesy John G. Rapp Corp., Kolster Radio Dist.  
7:45 p. m.—Daily News (except Saturdays).  
8:00 p. m.—Time Signal, New Haven Clock Co.  
10:00 p. m.—Roy Fox Orchestra from Montmartre.  
Signing off at 11:10 (except Tuesday).

SUNDAY, DECEMBER 16

10:00 a. m.—Program by courtesy of Dan Parker, Tallor.  
6:00 p. m.—Mason and Mack. "The Two Black Crowns," and Arnold Johnson's Orchestra, over Columbia Broadcasting.  
7:00 p. m.—Harry Jackson and his entertainers, by remote control from Pig's Whistle, Hollywood.



R. L. RUST

# KGFH

Owned by  
Frederick Robinson  
R. L. Rust  
General Manager  
W. S. Brown  
Sales Manager  
Martha Conrad  
Musical Director  
Barrett Cooky  
Technician

## Glendale, Calif.—1000 Kc.

250 WATTS—299.3 METERS  
Main Studio: Hotel Glendale, E. Broadway and Glendale Blvd  
Douglas 3326, Los Angeles Tel. CA. 6389

8:00 p. m.—Business announcements and recordings.  
8:30 p. m.—News items.

WEDNESDAY, DECEMBER 19

11:30 a. m.—Rev. A. B. Cole.  
4:00 p. m.—Jean Lincoln, dramatic soprano.  
4:30 p. m.—Business announcements and recordings.  
5:30 p. m.—News items.

THURSDAY, DECEMBER 20

11:30 a. m.—Parliamentary Law Club.  
4:00 p. m.—Studio program.  
4:30 p. m.—Business announcements and music.  
5:30 p. m.—Larry Green and Marita Rose, ballads.

FRIDAY, DECEMBER 21

11:30 a. m.—Dr. Juno Walton, numerologist.  
4:00 p. m.—Glendale Harmony Trio; Marguerite Bayer, ballads.  
4:45 p. m.—Business announcements and recordings.  
5:30 p. m.—News items.

SATURDAY, DECEMBER 22

11:30 a. m.—Mr. Meyers, speaker.  
4:00 p. m.—Studio variety program.  
5:00 p. m.—Business announcements and recordings.  
10:00 p. m.—Sierra Club Frolic; California Dandy Boys: Red Wyatt, Larry Green, Marita Rose, Gertrude Gussell.

DAILY EXCEPT SUNDAY

8:30 a. m.—Music.  
9:00 a. m.—Inspirational talk, Walter Raymond.  
9:30 a. m.—Martha's favorite request program.  
12:00 noon.—News flashes and music.  
MONDAY, DECEMBER 17  
11:30 a. m.—O. J. Henirow.  
4:00 p. m.—Glendale Harmony Trio.  
4:30 p. m.—Business announcements and music.  
5:00 p. m.—L. A. Police Quartet.  
5:30 p. m.—News items and recordings.  
TUESDAY, DECEMBER 18  
11:30 a. m.—Miss Nancy's Book Shelf.  
4:00 p. m.—Bill Newell and his Musical Cowboys.

WALTER BIDDICK — Phone Westmore 9137  
"A Complete Radio Program and Announcement Service"


**SM**

## Why Go Without Either One?

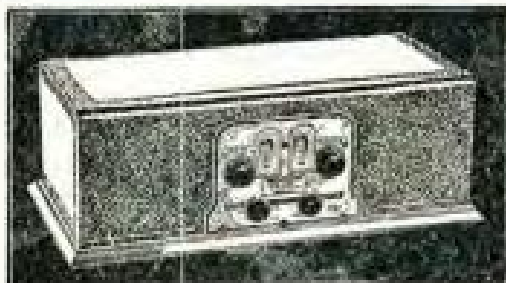
It is true, of course, that the S-M 720 Screen Grid Six is designed for selectivity far in advance of any factory-produced set with which it might conceivably be compared. Distant stations are regularly brought in on channels only 10 or 20 kc. removed from powerful interference. The perfect shielding and unequalled quality of S-M coils takes care of that.

It is true, also, that sensitivity in the 720 is far greater than is looked for in six-tube sets—three screen-grid stages as S-M manufactures them being more than equivalent to four or five stages in an ordinary set.

Yet if these facts suggest that there is in the performance of this famous receiver any compromise whatever with tone quality requirements—all that is necessary is a single hearing of the S-M 720 connected to any modern speaker able to hold up its end of the test. Results will prove in every case that the revolutionary tonal possibilities of the S-M Clough-system Audio Transformers are nowhere more perfectly realized than here in the 720 receiver.

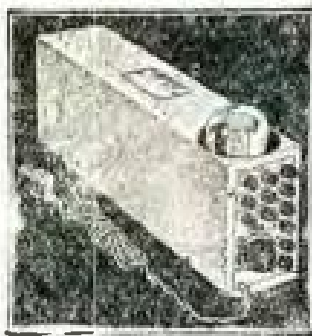
No wonder the S-M Screen Grid Six has repeated the history of past years in forging at once to the position of the **STANDARD OF COMPARISON** for quality-receiver performance.

Custom-built, complete in beautiful two-tone, brown-moire finished metal shielding cabinet, the price is only \$102. Complete kit, with pierced metal chassis and antique brass escutcheon, but without cabinet, \$72.50.



### *Super Power for Any Set at Moderate Cost*

You can have it in your present receiver, without any change in the set whatever, simply by using a 250-type tube (with an adapter) in the last tube socket—with the new S-M 675ABC power supply. For AC-tube sets, it furnishes all ADC power. S-M 675ABC is priced at \$58.00 wired, or \$54.00 for the complete kit.



*There are other S-M Screen-Grid Sets, available in complete kit form at from \$51.00 to \$130.00. The new 24-page S-M catalogue may be had free on request to the factory—with a sample copy of The Radiobuilder. Or if you do not build, yet want your radio to be custom made, let us refer you to an authorized Silver-Marshall Service Station near you.*

## MARSHANK SALES COMPANY

*Southern California Representative*

224 East Sixteenth St.

Los Angeles, Calif.

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

The essential features of these programs are identical with those sent by the stations.  
By order of the Federal Radio Commission, KTM and KELW must share time.



GERREE MIDDLETON

# K T M

Frank N. Bull  
Director  
Gerree Middleton  
Assistant Director  
Wm. K. Sahransky  
Musical Director  
W. K. McCreery  
Commercial Manager

## Santa Monica, Cal.—780 Kc.

500 WATTS—384.4 METERS  
Municipal Auditorium, Ocean Park, Santa Monica, Calif.  
Phone Santa Monica 63-101  
Los Angeles Studio: Elks' Temple 49—Dunkirk 8154  
Pickwick Broadcasting Corporation  
Geo. M. Bowles, Vice-Pres. and Gen. Mgr.  
Clarence S. Juneau, Chief Transmission Engineer  
Harry D. Mills, Chief Structural Engineer

4:00 p. m.—Question Box for questions on radio.  
8:30 p. m.—Meryle Holmes, violin; Dorothea Vogel, pianist.  
9:00 p. m.—Blue-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues.  
10:00 p. m.—Bob White, baritone; Vera Hamby, mezzo-contralto.

### TUESDAY, DECEMBER 18

1:00 p. m.—Pecky Price, blues; Craig Letch, tenor; Kathryn O'Neil, pianist.  
3:30 p. m.—Hawaiian Trio.  
9:00 p. m.—Blue-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues.  
10:00 p. m.—Carol Laughner Quartet.

### WEDNESDAY, DECEMBER 19

1:00 p. m.—Pecky Price, blues; Craig Letch, tenor; Kathryn O'Neil, pianist.  
3:20 p. m.—Berlitz Method Spanish lesson.  
8:30 p. m.—Meryle Holmes, violin; Dorothea Vogel, pianist.  
9:00 p. m.—Blue-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues.  
10:00 p. m.—Vera Hamby, mezzo-contralto; Bob White, baritone.

### THURSDAY, DECEMBER 20

1:00 p. m.—Pecky Price, blues; Craig Letch, tenor; Kathryn O'Neil, pianist.  
3:30 p. m.—Hawaiian Trio.  
9:00 p. m.—Blue-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues.  
10:00 p. m.—Carol Laughner's Quartet.

### FRIDAY, DECEMBER 21

1:00 p. m.—Pecky Price, blues; Craig Letch, tenor; Kathryn O'Neil, pianist.  
3:20 p. m.—Berlitz Method Spanish lesson.  
8:30 p. m.—Meryle Holmes, violin; Dorothea Vogel, pianist.  
9:00 p. m.—Blue-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues.  
10:00 p. m.—Vera Hamby, mezzo-contralto; Bob White, baritone.

### SATURDAY, DECEMBER 22

1:00 p. m.—Rosalie Lane, popular songs; Polly Grant Hall, pianist.  
3:30 p. m.—Hawaiian Trio.  
9:00 p. m.—Blue-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues.  
10:00 p. m.—Carol Laughner Quartet.

Earl L. White, Owner  
Mr. H. W. Cole  
Business Manager  
Stuart F. Walwright  
Technical Engineer  
Phones: Burbank 1601  
GRanite 3191

# KELW

## Burbank, Calif.—780 Kc.

MAGNOLIA PARK, 500 WATTS—384.4 METERS  
"The White Spot of the San Fernando Valley"

### DAILY EXCEPT SUNDAY

10:00 a. m.—Audrey Evans, Glendale Merchants' Hour.  
11:00 a. m.—World News and Panatrop.  
5:00 p. m.—California String Quartet (except Thurs.)  
8:45 p. m.—Morris-Hill Ideas.  
9:00 p. m.—Twilight Club Entertainers.

### SUNDAY, DECEMBER 16

10:45 a. m.—First Baptist Church, Glendale.  
7:15 p. m.—First Baptist Church, Glendale.

### MONDAY, DECEMBER 17

7:00 p. m.—Valler Mixed Quartet.

### TUESDAY, DECEMBER 18

7:00 p. m.—Charles King, tenor; Irmalee Campbell, soprano; Hollywood Harmony Quartet.

### WEDNESDAY, DECEMBER 19

7:00 p. m.—Magnolia Park Trio; Kenner & Ray.

### THURSDAY, DECEMBER 20

9:00 p. m.—Fred Stuch, piano; Rody Haddock, tenor.  
7:00 p. m.—Calif. String Quartet; Cliff Gunning, tenor.

### FRIDAY, DECEMBER 21

7:00 p. m.—Neapolitan Trio; Otto Floetz, tenor.

### SATURDAY, DECEMBER 22

7:00 p. m.—Artists Trio; Ruth Haddock, contralto.

## WALTER BIDDICK — Phone WEStmore 9137

"A Complete Radio Program and Announcement Service"

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

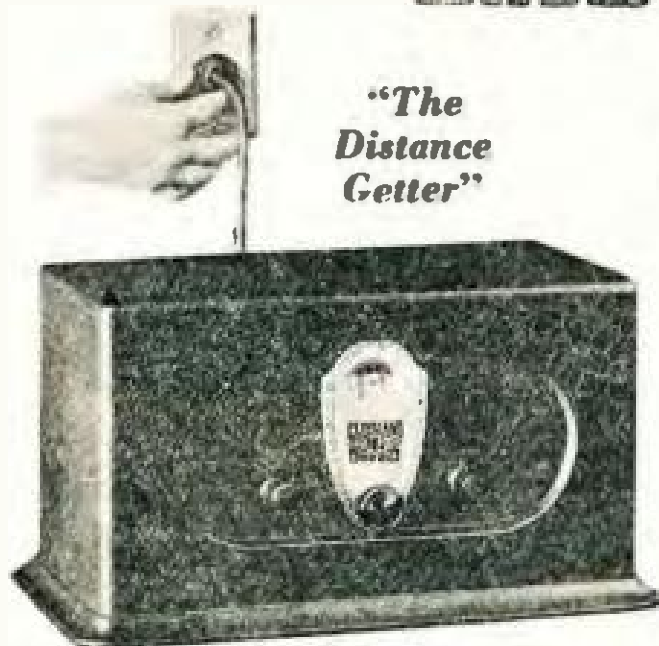


# ACME AC-7 RADIO

All Electric



Super AC Reception



*"The  
Distance  
Getter"*

Model AC-7

**\$67<sup>50</sup>**  
Less Tubes

**T**HIS new, distinctive, popular priced AC radio has been christened a Leader . . . a step ahead of the rest of the field. Its outstanding performance, in selectivity, distance and tonal qualities, has rightly earned for it its coveted position as the Leader of the Field.

The Acme AC-7 is the first completely self-contained AC set, in fact, the first AC set of any type, to be offered at such an astonishing price.

The Acme AC-7 radio all electric has three stages of radio frequency, detector and two stages of audio. Housed in an attractive, handsomely finished wooden cabinet. The chassis and panel is a rigid one-piece steel frame with the power pack compactly built in chassis. Illuminated single dial control. Distance, selectivity and tonal beauty are assured.

*This Acme Radio has refinements that are beyond the most exacting demands; values backed by proven quality, that guarantee service far in advance of present-day expectations.*

Can Also Furnish the AC-7 Chassis at \$60.50

*[[ Have your Dealer demonstrate an  
Acme AC-7 to you—you'll marvel at it ]]*

Southern California Distributor

## PACIFIC COAST SALES CO.

2700 S. Hill St.

Los Angeles

Westmore 5873

50 Hawthorne St.

San Francisco

Sutter 1683

The essential features of these programs are identical with those sent by the stations. By order of the Federal Radio Commission, KMIC and KFSG must share time.



LITTLE EDDIE BARNES

# KMIC Inglewood, Calif.—1120 Kc.

500 WATTS—267.7 METERS  
Chamber of Commerce Bldg., Inglewood, Calif.  
Newspaper of the Air

Tel. TN. 1121

Owned and Operated by James R. Fouch

Little Eddie Barnes  
Studio Director and  
Program Manager  
Mildred Jean  
Noon Announcer  
C. B. Dimstead  
Chief Technician  
NEWS BULLETIN  
HOURLY

## DAILY EXCEPT SUNDAY

- 8:00 a. m.—Columbia Recordings.  
9:00 a. m.—Organ Request program.  
12:00 noon—Symphony Recordings.  
1:00 p. m.—Mabel of the Air.  
3:00 p. m.—Columbia Dance Recordings.  
6:00 p. m.—Organ Recital.  
8:30 p. m.—F. B. Miller program.

## MONDAY, DECEMBER 17

- 6:45 p. m.—Cactus Mfg. Co.  
7:00 p. m.—City of Inglewood program.  
8:00 p. m.—Silverstone Hawaiian Trio; Dorothy Green, soloist.  
9:00 p. m.—Legion Six Dance Orchestra.

## TUESDAY, DECEMBER 18

- 6:45 p. m.—S. S. Hahn, attorney.  
7:00 p. m.—Louise Moody, violinist; Robert Oswald, basso.  
7:30 p. m.—Marguerite LeGrande, concert pianist.  
8:00 p. m.—Al Chaudel and his Blue Boys; Nellie Darcy, soloist.  
9:00 p. m.—Al Mazzo, piano accordionist.

## WEDNESDAY, DECEMBER 19

- 6:45 p. m.—Dr. John Mand.  
7:00 p. m.—Frank and His Guitar.  
8:00 p. m.—George Hyde and Seekers Orchestra; Clark Sisters, harmony.  
9:00 p. m.—Benito Berman and Jeannette Goldenberg, Brunswick artists.

## THURSDAY, DECEMBER 20

- 6:45 p. m.—Cactus Mfg. Co.  
7:00 p. m.—Rolando Concert Trio.

## FRIDAY, DECEMBER 21

- 6:45 p. m.—Cactus Mfg. Co.  
7:00 p. m.—L. A. Police Quartet.  
7:30 p. m.—Southern California Music Co.  
8:00 p. m.—Ralph Dennem's California Orchestra.  
9:00 p. m.—Louise Moody Concert Trio.

## SATURDAY, DECEMBER 22

- 6:45 p. m.—Cactus Mfg. Co.  
7:00 p. m.—KMIC Little Symphony. G. J. Schubert.



BOB SWAN

# KFQZ Los Angeles, Calif.—850 Kc.

250 WATTS—352.7 METERS  
1417 S. Figueroa St., Los Angeles, Calif. Westmore 3001.

Walter King, Gen. Mgr.  
L. E. Taft, Studio Mgr.  
Al Weinert  
Chief Announcer

Bob Swan, Announcer  
Al Cajal, Studio Asst.  
Monroe Manning  
Business Manager  
Pearl Boatman  
Program Director

## DAILY EXCEPT SUNDAY

- 7:00 a. m.—Panatropa.  
8:30 a. m.—Prosperity Program, with Orchestra.  
10:00 a. m.—Panatropa and Shopping News.  
3:00 p. m.—Panatropa and Shopping News.  
6:00 p. m.—Silent.  
10:00 p. m.—Jesse Stafford and his Brunswick Recording Orchestra, by remote control from the Cinderella Room.  
12:00 midnight—Panatropa Request.

## SUNDAY, DECEMBER 16

- 8:00 a. m.—Breakfast program.  
9:00 a. m.—Melrose Radio Shop program.  
9:30 a. m.—Murray's Courtesy program.  
10:40 a. m.—Morgan and Fields program.  
11:00 a. m.—Courtesy program.  
12:00 noon—Panatropa.  
9:00 p. m.—Harmony Trio and soloist.

## MONDAY, DECEMBER 17

- 10:00 p. m.—Norman Johnson; Singing Sisters.  
11:00 p. m.—Dolly McDonald; Clifton Dimmick.  
10:05 a. m.—Helene's Secret Period.

- 12:00 noon—Bob Swan and Al Cajal, Diversified Hour.  
1:00 p. m.—Sammy Koran; Lois Crawford.  
2:00 p. m.—KFQZ Hawaiian Trio.  
9:00 p. m.—Purr-Pull Syncopators; Al Cajal.

## TUESDAY, DECEMBER 18

- 12:00 noon—Bob Swan and Al Cajal, Diversified Hour.  
1:00 p. m.—Bill Blaska; Dolly McDonald.  
2:00 p. m.—Lois Crawford; Eddie Grandy.  
2:30 p. m.—Dr. Moore's Talk on Health.  
2:45 p. m.—Lois Crawford.  
9:00 p. m.—Al Cajal Piano Request Hour.

## WEDNESDAY, DECEMBER 19

- 10:05 a. m.—Helene's Secret Hour Period.

- 12:00 noon—Bob Swan and Al Cajal.  
1:00 p. m.—Sammy Koran; Lois Crawford.  
2:00 p. m.—KFQZ Hawaiian Trio.  
9:00 p. m.—Purr-Pull Syncopators; Al Cajal.

## THURSDAY, DECEMBER 20

- 12:00 noon—Bob Swan and Al Cajal.  
1:00 p. m.—Marie Winger; Bill Blaska.  
2:00 p. m.—Eddie Grandy; Lois Crawford.  
9:00 p. m.—Auditions.

## FRIDAY, DECEMBER 21

- 10:05 p. m.—Helene's Secret Period.  
12:00 noon—Bob Swan and Al Cajal, Diversified Hour.  
1:00 p. m.—Lois Crawford; Marshall Elston.  
2:00 p. m.—KFQZ Hawaiian Trio.  
2:30 p. m.—Dr. Moore's Health Talk.  
2:45 p. m.—KFQZ Hawaiian Trio.

## SATURDAY, DECEMBER 22

- 12:00 noon—Marie Winger, Bob Swan, Al Cajal.  
1:00 p. m.—Jack Roberts; Dolly McDonald.  
2:00 p. m.—Melody Sweethearts; Don Dorsey, Lois Crawford.

## D. J. RADIO GROUND

**WILL** Increase Your DX Range.  
Give Greater Selectivity and Finer Tone Quality.

The outstanding feature of this ground is the filler tube which makes it 100% efficient at all times. Indorsed by K. G. Ormiston and other well-known Radio Engineers. Your Dealer has the D. J. Ground or will order it for you.

Price \$5.00

B. J. DeJARNETT 4161 Mandalay Drive Los Angeles Chicago 4731



Model 50

## DYNAMIC

**A**DD to the approved and accepted Dynamic principle of sound reproduction the compelling significance of the Temple name and the result is a product which again sets a new standard in speaker excellence.

In Temple Dynamics this higher standard is found — for there is a little something that makes for reproduction that is just a little clearer—just a little sweeter—a little more bass—more natural than has been heard before. Temple Dynamics are made only as Temple can make them—that means better.

Price \$49 in table model; or \$35 in the chassis model

**Model 20 Air Chrome**  
The sensational Temple Air Chrome  
Speaker—\$29

**Model 15 Air Column**  
The famous Temple Exponential  
Air Column Speaker—\$29

**National Radio Supply Company**

**C. C. Lawton Company**

**Herbert H. Horn**

The essential features of these programs are identical with those sent by the stations.



LARRY SNELL

# KGFJ Los Angeles, Calif.—1420 Kc.

211.1 METERS—Washington Blvd. at Oak St.  
"Keeping Good Folks Joyful Twenty-four Hours a Day"

Owner and Manager  
Ben S. McGlashan  
Duke Hancock  
Assistant Manager  
Thelma Kirchner  
Program Director  
Larry Snell  
Announcer  
Chas. Whitney  
Chief Technician  
H. Trask Bruck  
Night Owl  
Phones:  
Westmore 7777  
Westmore 7778

## DAILY EXCEPT SUNDAY

- 12:00 to 7:00 a. m.—Nite Owl program.  
7:00 a. m.—Breakfast program.  
8:30 a. m.—Gordon Smith's Radiotising Service; Albert Keglövich, violinist; Blanche Cooper, pianist.  
9:30 a. m.—Adelle Miller Beauty Talk.  
10:00 a. m.—Recordings.  
11:00 a. m.—Noon Airline Radio Service.  
12:00 noon—Your Favorite Request Hour.  
1:00 p. m.—Studio program.  
6:00 p. m.—Dick Moder and his Bandoliers.  
7:00 a. m.—Gordon Smith's Radiotising Service.  
8:00 a. m.—Rae and Esther, blues.  
8:30 a. m.—Maurice Menge and his El Patio Orchestra, remote control from El Patio Ballroom.  
10:30 p. m.—Silver Fizz Frolic.
- SUNDAY, DECEMBER 16**  
12:00 to 7:00 a. m.—Nite Owl program.  
7:00 a. m.—John Wright program; KMTZ rebroadcast.  
10:00 a. m.—Noon Southland Orch.; Charlie Cole.  
12:00 noon—Hotel Alexandria Concert Trio.

- 1:30 p. m.—Honolulu Three Hawaiian Trio;  
3:30 p. m.—Sunday Afternoon Frolic;  
**MONDAY, DECEMBER 17**  
11:00 a. m.—Rocky Bernard, baritone; Margaret Hart.  
12:00 noon—Rae Silverman, blues singer; Esther Kahn.  
1:00 p. m.—Operatic Recordings.  
3:00 p. m.—Bureau of Public Safety; L. A. Police Quartet.  
7:00 p. m.—Albert Keglövich, violinist; Blanche Cooper.  
10:30 p. m.—Honolulu Three; Earl Snyder, baritone;  
**TUESDAY, DECEMBER 18**  
11:00 a. m.—Rocky Bernard, baritone; Margaret Hart.  
12:00 noon—Rae Silverman, blues; Esther Kahn.  
7:00 p. m.—Albert Keglövich, violinist; Blanche Cooper, pianist; Charlie Davis, uke.  
10:30 p. m.—Honolulu Three; Ralph Wark, baritone;  
**WEDNESDAY, DECEMBER 19**  
11:00 a. m.—Rocky Bernard, baritone; Margaret Hart.  
12:00 noon—Rae Silverman, blues; Esther Kahn.  
7:00 p. m.—Radiotising Twins.  
10:30 p. m.—Honolulu Three;  
**THURSDAY, DECEMBER 20**  
11:00 a. m.—Rocky Bernard, baritone; Margaret Hart.  
12:00 noon—Rae Silverman, blues; Esther Kahn.  
7:00 p. m.—Albert Keglövich, violinist; Blanche Cooper.  
10:30 a. m.—Honolulu Three; Gertrude Goldberg;  
**FRIDAY, DECEMBER 21**  
11:00 a. m.—Rocky Bernard, baritone; Margaret Hart.  
12:00 noon—Rae Silverman, blues singer; Esther Kahn.  
7:00 p. m.—Radiotising Twins.  
10:30 p. m.—Honolulu Three; Gene Perry, uke;  
**SATURDAY, DECEMBER 22**  
11:00 a. m.—Rocky Bernard, baritone; Margaret Hart.  
12:00 noon—Rae Silverman, blues; Esther Kahn.  
7:00 p. m.—Charlie Davis, uke; Albert Keglövich.  
10:30 p. m.—Honolulu Three.



JOHN A. GLASSE

# KTBI Los Angeles, Calif.—1300 Kc.

1000 Watts—230.6 Meters—Bible Institute of Los Angeles

HARRY P. HERDMAN, Announcer. Phone ME. 6701

JOHN A. GLASSE, Director of Programs

R. W. BURNS, Technician

GORDON E. HOOKER, Accompanist

## DAILY EXCEPT SATURDAY AND SUNDAY

- 8:00 a. m.—Uncle Fred's Biola Children's Club.  
8:30 a. m.—Devotional hour.  
9:00 a. m.—Studio music.  
9:15 a. m.—Radio Bible Course.  
12:00 noon—Noonday Chimes and Scripture Reading.

## WEDNESDAY, DECEMBER 19

- 9:45 a. m.—Christian Psychology, Dean MacIntosh.  
10:35 a. m.—Doctrinal Lecture, Prof. McClain.  
11:30 a. m.—Musical Program.  
1:00 p. m.—Jack Wells and Roy Clark.  
1:30 p. m.—Inspirational Message and music.  
2:00 p. m.—Rev. A. K. Stewart, Culver City W. P. Church.

## THURSDAY, DECEMBER 20

- 9:45 a. m.—News of Christian Work, Dr. Boyd.  
10:35 a. m.—Christian Philology, Dean MacIntosh.  
11:30 a. m.—Special music.  
1:00 p. m.—Studio music.  
1:15 p. m.—Missionary Biographies, Rev. Hunter.  
2:00 p. m.—Visiting Pastor's Radio Ministry.

## FRIDAY, DECEMBER 21

- 9:45 a. m.—New Testament Word Studies.  
10:35 a. m.—Dr. G. Campbell Morgan.  
11:30 a. m.—Special music.  
1:00 p. m.—Hazel Shiveley and Gordon Hooker.  
1:30 p. m.—Inspirational Message and music.  
2:00 p. m.—Visiting Pastor's Radio Ministry.  
7:00 p. m.—International Sunday School Lesson.  
8:00 p. m.—Dr. G. Campbell Morgan.  
9:15 p. m.—Studio Musical Hour.

## SATURDAY, DECEMBER 22

- 7:00 p. m.—Jewish Service, Rev. D. L. Cooper.  
7:30 p. m.—Instrumental Trio.  
8:15 p. m.—Special Concert Hour.  
9:00 p. m.—Organ Recital.

- 6:00 p. m.—Studio Vesper Service.  
8:00 p. m.—Church of the Open Door, Dr. Myers.  
9:00 p. m.—Old Hymns Hour.
- MONDAY, DECEMBER 17**  
9:45 a. m.—Home Folks Request Hour.  
10:35 a. m.—Doctrinal Lecture, Prof. Alva McClain.  
11:30 a. m.—Studio music.  
1:00 p. m.—Axnes Bridge, contralto.  
1:15 a. m.—Faculty Music Hour.  
2:00 p. m.—Rev. Horace Cushing.  
7:00 p. m.—United Presbyterian Young People.  
7:45 p. m.—Selected features.  
8:15 p. m.—The Mousleh, directed by Prof. Trowbridge.  
8:00 p. m.—Studio Musical Hour.
- TUESDAY, DECEMBER 18**  
9:45 a. m.—Selected features.  
10:35 a. m.—Christian Philology, Dean MacIntosh.  
11:30 a. m.—Dr. W. E. Edmonds, Glendale Presbyterian Church.  
1:00 p. m.—Vinifred Kopp, contralto.  
1:15 p. m.—Kline's Business Question Box.  
2:00 p. m.—Visiting Pastor's Radio Ministry.

The Most Popular Blue Singer on the Air  
12 to 1, Week Days

**RAE SILVERMAN**

Your Favorite Request Hour

Esther Kahn at the Piano

K G F J

# TONE



## *Push-pull Transformers with impedances to match power tubes and dynamic speakers*

Type "BX" Input Transformer has extremely high primary inductance. Secondary accurately divided.

Price, each.....\$6.50

Type "GX-210" Output Transformer. Especially designed for push-pull amplifier using UX-210 or CX-310 tubes. Secondary con-

nects directly to moving coil of dynamic speaker.

Price, each.....\$6.50

Type "HX-171" Output Transformer. Same as above except impedance matches UX-171, CX-371, or UX-250, CX-350 tubes.

Price, each.....\$6.50

*Free Circular Giving Audio Hook-up and Complete  
Information on Request*

## **SANGAMO Electric Company**

J. G. MONAHAN, District Manager

750 Subway Terminal Building

Los Angeles, California

Sangamo Elec. Co., 1061 Howard St., San Francisco. L. A. Nott, Dist. Mgr.

The essential features of these programs are identical with those sent by the stations. By order of the Federal Radio Commission, KFON and KEJK must share time.



CLARENCE CRARY  
Announcer

# KFON Long Beach, Cal.—1250 Kc.

"Where Your Ship Comes In"  
1000 WATTS—239.9 METERS—HANCOCK OIL STATION

Owned and Operated by  
**NICHOLS A WARINNER,**  
Inc.

220 E. Anaheim St.

**CLARENCE CRARY**  
Announcer

**DAILY EXCEPT SUNDAY**

- 9:00 a. m.—Tadpole Jones, the Buttercream Boy.
- 9:15 a. m.—Egyptian Theatre Organ; Dick Dixon at console.
- 9:45 a. m.—Prizma Hour.
- 10:00 a. m.—Hawaiian program.
- 10:10 a. m.—Nelson music.
- 10:30 a. m.—Popular Dance program.
- 11:20 a. m.—"Clarence," courtesy Harris Film.
- 11:30 a. m.—Press-Telegram News, Frank P. Cox.
- 11:50 a. m.—Varied and musical program.
- 12:00 noon.—Egyptian Theatre Organ; Dick Dixon.
- 4:00 p. m.—Press-Telegram News, Frank P. Cox.
- 5:30 p. m.—Hancock Oil Co. Orchestra and entertainers (every day).
- 8:00 p. m.—Egyptian Theatre Organ; Dick Dixon.
- 6:00 a. m.—Lost and Found Dept.
- 6:05 p. m.—Hancock Oil Co. Orchestra and entertainers (every day).

**SUNDAY, DECEMBER 16**

- 9:30 a. m.—Organ recital from studio.
- 10:30 a. m.—Musical program.
- 11:00 a. m.—St. Luke's Episcopal Church, Rev. Austin.
- 12:30 p. m.—Musical program for Mikel Music Co.
- 1:30 p. m.—Organ recital from Pacific Coast Club; Herbert Nixon at the console.
- 2:30 p. m.—Long Beach Municipal Band concert.
- 4:00 p. m.—New Masonic Temple organ; Dick Dixon.
- 5:00 p. m.—Hancock Oil Co. Orchestra.
- 8:00 p. m.—Radio Church of the Air.
- 7:00 p. m.—Rear Cafe Orchestra.

- 8:00 p. m.—First Church of Christ, Scientist.
- 11:00 p. m.—Studio Frolic.
- 12:00 midnight.—Kazilian Teen Cats.

**MONDAY, DECEMBER 17**

- 4:45 p. m.—Dave Minnis, the Human Player-Piano.
- 7:00 p. m.—Murdem's Buttercream School.
- 8:00 p. m.—Goodyear Quartet and Entertainers.
- 11:00 p. m.—New Masonic Temple organ; Dick Dixon.

**TUESDAY, DECEMBER 18**

- 1:00 p. m.—Kibao Club Luncheon.
- 4:30 p. m.—Haymaker's Old-Time Dance Music.
- 6:45 p. m.—Dr. John T. Williams, tubercular specialist.
- 7:00 p. m.—Sunset Hawaiian Trio.
- 11:00 p. m.—New Masonic Temple organ; Dick Dixon.
- 12:00 midnight.—Reverendings.

**WEDNESDAY, DECEMBER 19**

- 1:00 p. m.—Rotary Club Luncheon.
- 4:45 p. m.—Dave Minnis, the Human Player-Piano.
- 7:00 p. m.—Musical program.
- 7:30 p. m.—Pacific Coast Club Orchestra.
- 8:30 p. m.—Long Beach Municipal Band.
- 11:00 p. m.—Pacific Coast Club Orchestra.

**THURSDAY, DECEMBER 20**

- 1:00 p. m.—"Health and Harmony" by Clarie.
- 4:30 p. m.—Haymaker's Old-Time Music.
- 5:30 p. m.—Rear Cafe Orchestra.
- 7:00 p. m.—Sunset Hawaiian Trio.
- 7:30 p. m.—Chrysler program.
- 8:00 p. m.—Texas Cowboys' Old-Time Music.
- 8:30 p. m.—Long Beach Municipal Band.
- 11:00 p. m.—New Masonic Temple organ; Dick Dixon.

**FRIDAY, DECEMBER 21**

- 1:00 p. m.—Masonic Club Luncheon.
- 7:00 p. m.—"Em and Clem."
- 7:30 p. m.—Chrysler program; Pac. Coast Club Orch.
- 8:00 p. m.—Theatrical Stars, sponsored by Long Beach Theatre.
- 11:00 p. m.—Pacific Coast Club Orchestra.
- 12:00 midnight.—Reverendings.

**SATURDAY, DECEMBER 22**

- 4:45 p. m.—Dave Minnis, the Human Player-Piano.
- 7:00 p. m.—Sunset Hawaiian Trio.
- 7:30 p. m.—Chrysler program; Pac. Coast Club Orch.
- 8:00 p. m.—Songs of Long Aco.
- 8:30 p. m.—Long Beach Municipal Band.
- 11:00 p. m.—Pacific Coast Club Orchestra.



EDMUND LITTON

# KEJK Beverly Hills, Cal.—1250 Kc.

500 WATTS—239.9 METERS  
Operated by Macmillan Petroleum Co.  
Home Remodeling Exhibit Bldg.

Tel. DX. 7141

- 10:00 a. m.—"Christmas Eveings," with Helen Fraser Macmillan, Lucy Day, Tudor Williams and quartet, Edward Jordan and Mildred Ware.

**WEDNESDAY, DECEMBER 26**

- 2:00 p. m.—Variety matinee, featuring KEJK Orchestra; Mildred Ware, contralto; Edward Jordan, tenor; Tudor Williams, baritone; Joseph Collins, trumpet solo.

- 9:00 a. m.—Hours with American composers; "Blues Sketch of Victor Herbert," with KEJK Orchestra; More Alliege Music Makers; Helen Fraser Macmillan, and KEJK Mixed Quartet.

**THURSDAY, DECEMBER 27**

- 2:00 p. m.—Variety matinee, featuring Marshall Cheshonjian, violin; Lucy Day, soprano; Tudor Williams, baritone; Edward Jordan, tenor, and KEJK Orchestra.
- 8:00 p. m.—"A Night in Spain," with Spanish Troubadors soloists.
- 10:00 p. m.—Studio program, featuring KEJK exclusive entertainers.

**FRIDAY, DECEMBER 28**

- 2:00 p. m.—Variety matinee, featuring KEJK exclusive entertainers and More Alliege Music Makers.
- 8:00 p. m.—"The Lights Are Low," a musically illustrated short story by Jean Campbell Macmillan.
- 10:00 p. m.—Program by KEJK Orchestra and Alliege Music Makers.

**SATURDAY, DECEMBER 29**

- 2:00 p. m.—Variety matinee, featuring Lucy Day, soprano; Edward Jordan, tenor; Mildred Ware, contralto; Chas. Harmon, alto and vocal.
- 8:00 p. m.—Studio concert, featuring exclusive KEJK entertainers; KEJK Saxophone Club; KEJK mixed quartet with and horns with.

- DAILY EXCEPT SUNDAY**
- 7:00 a. m.—Hot Soul Artists.
  - 8:00 a. m.—Margaret's Hour.
- MONDAY, DECEMBER 24**
- 2:00 p. m.—Variety matinee, featuring Edward Jordan, Lucy Day, KEJK Concert Orchestra, KEJK Trio and Christmas carols.
  - 8:40 p. m.—Dr. Lowell Frost, "Boys' Problems."
  - 9:00 p. m.—Continuity with music, "The Christ Story."
  - 10:00 p. m.—Carols, Christmas songs by orchestra and soloists.
  - 12:00 midnight.—Christmas carols.
  - 12:30 a. m.—Request record program.
- TUESDAY, DECEMBER 25**
- 2:00 p. m.—Tudor Williams, Mildred Ware, Lucy Day and Edward Jordan, solos by Marshall Cheshonjian, piano; Paul Carson, piano; Joseph Collins, trumpet; Charles Harmon, flute and vocal; KEJK Orchestra.
  - 9:00 p. m.—Musical story on Pinesco musical instrument.

# Steinitz

## ELECTRIC AC RADIO



Model No. 261—\$79.50

The Table Model, on the left, is simplicity itself! Neat—clean-cut—most compact of all. A cabinet of Tangala, the most beautiful of all Philippine woods, richly finished in Duco. A six-tube tuned radio frequency receiver using A. C. tubes. Illuminated single-dial control, switch and antenna compensator—all grouped within the beautiful antique finished bronze escutcheon plate.

All Models Require 7 Tubes.  
Costing \$20.00.

Will Operate Any Make of  
Dynamic Speaker

Beautiful Console Models  
Priced from \$125.00 to \$169.50  
Equipped with Dynamic Speaker  
\$40.00 Additional

### LOS ANGELES

**Ninth & Union Radio  
Shop**  
1605 W. 9th St.  
DU. 4091

**Hannon & Thompson**  
237 S. Vermont  
DR. 2222  
Open Evenings

**Jatho Radio Service**  
5410 S. Central  
AX. 1961  
Open Every Evening

**Downtown Auto Elec-  
tric Service**  
748 S. Hope St.  
TU. 1411  
Open Till 7 P. M.

### VENICE

**C. L. Goff Radio Co.**  
1092 Washington Blvd.  
Santa Monica 639-65

### GLEN AIRY

**Louis Battery & Electric  
Service**  
5040 W. Adams  
(at La Brea)  
OR. 2726  
Night Calls. OR. 8156

### SAN BERNARDINO

**D. A. Blodgett**  
470 N. Arrowhead

**We Can Afford to Give You Terms You Can Afford  
Take Advantage of Our Easy Payment Plan**

## AMERICAN CREDIT TIRE CO.

3568 Whittier Blvd.  
Washington and Rimpau

10th and Grand  
LOS ANGELES

47th and Western  
5729 Pasadena Ave.

The essential features of these programs are identical with those sent by the stations.



**BERTHA I. BREWSTER**  
Program Manager

# KGER

**Long Beach, Cal.—1370 Kc.**

100 WATTS—212.5 METERS

426 Pine Avenue

Phone 632-75

Owned and Operated by G. Marvin Debra

**JAY TAPP**  
Chief Engineer  
**HARVEY BREWSTER**  
Announcer  
**EDDIE MERRILL**  
Announcer & Staff Artist  
**BERTHA BREWSTER**  
Program Announcer  
**HAROLD BENDER**  
Technician

- 2:30 p. m.—Singing Trio.
- 3:00 p. m.—Concert music.
- 4:00 p. m.—Child Psychology—Gladys Hooper Heyman
- 5:00 p. m.—Shell Orchestra.
- 7:00 p. m.—Better English period.
- 7:15 p. m.—Diamond Hawaiian Trio.
- 9:00 p. m.—Marion Series, whistler.

**TUESDAY, DECEMBER 16**

- 1:30 p. m.—Debra's Showstrings.
- 2:00 p. m.—Cornell Gilmore Saxophone Conservatory
- 4:00 p. m.—Music Appreciation—Charlotte Louise Beach.
- 5:00 p. m.—Dick Love's Tavern Club Orchestra.
- 7:00 p. m.—Dick Love's period.
- 7:15 p. m.—Royal Collegians—Dick & Bill, harmonica
- 8:00 p. m.—School program.
- 9:00 p. m.—Dick Sea and his Majestic Ballroom Five

**WEDNESDAY, DECEMBER 16**

- 1:00 p. m.—Hawaiian Trio.
- 4:00 p. m.—Home Economics—Mary Moore Moore.
- 5:00 p. m.—Jolly Jesters Orchestra.
- 5:45 p. m.—Royal Collegians—Dick & Bill, harmonica
- 8:00 p. m.—Vivienne and Sandal Players.
- 9:00 p. m.—Dick Sea and his Majestic Ballroom Orch

**THURSDAY, DECEMBER 20**

- 1:00 p. m.—Optimist Club program from Hotel Virgata.
- 4:45 p. m.—Voice Clinic.
- 4:00 p. m.—Showstrings.
- 5:45 p. m.—Studio program.
- 7:00 p. m.—Adult Education Dept. period.
- 9:00 p. m.—Eloise Ladies' Trio.

**FRIDAY, DECEMBER 21**

- 1:30 p. m.—Debra's Concert Trio.
- 4:00 p. m.—Eloise Casser, soprano.
- 5:00 p. m.—Dick Love's Tavern Club Orchestra
- 7:00 p. m.—Re-educating the Green-up

**SATURDAY, DECEMBER 22**

- 8:30 a. m.—Saturday Morning Football
- 4:00 p. m.—Showstrings.
- 5:00 p. m.—Dance music.
- 7:00 p. m.—Church announcements and program.
- 9:00 p. m.—Pattee Trio.
- 11:00 p. m.—Miles Frolic.

**DAILY EXCEPT SUNDAY**

- 8:30 a. m.—Devotional period, Rev. Johnston Calhoun
- 8:45 a. m.—Staff artist.
- 9:30 a. m.—Daily Calendar and announcements
- 9:15 a. m.—Morning Frolic.
- 10:10 a. m.—How to be beautiful
- 10:30 a. m.—Debra's Concert Trio.
- 11:00 p. m.—Imperial Theater Organ (ex. Thurs.)
- 11:30 a. m.—Studio program.
- 12:00 p. m.—Your favorite popular number.
- 2:30 p. m.—Long Beach Municipal Band (ex. Mon.).
- 4:00 p. m.—Children's program.
- 5:40 p. m.—Health program (ex. Tues, Thurs, Sat.).
- 10:00 p. m.—Dick Sea and his Majestic Ballroom Five
- 11:00 p. m.—Debra's Showstrings.

**SUNDAY, DECEMBER 16**

- 8:30 a. m.—Truman Men's Bible Class.
- 10:00 a. m.—First United Presbyterian Church service
- 11:00 p. m.—Christmas program.
- 2:30 p. m.—Long Beach Municipal Band concert
- 3:00 p. m.—Christmas Things Worth While.
- 3:15 p. m.—Concert music—Irma Janger, violin.
- 4:00 p. m.—Popular music.
- 7:00 p. m.—Hawaiian music.
- 8:00 p. m.—Robert McKinstry, contralto
- 9:00 p. m.—Variety Trio.
- 9:30 p. m.—Sunday Night Frolic.

**MONDAY, DECEMBER 17**

- 1:30 p. m.—Exchange Club from the Hotel Virgata.
- 1:30 p. m.—Debra's Showstrings.



**E. C. HUCKABEE**

# KGEF

**Los Angeles, Calif.—1300 Kc.**

1000 WATTS—230.5 METERS

TRINITY METHODIST CHURCH, BOB SHULER, Pastor

**G. G. Hesser**  
Manager

**M. J. Neelken**  
Technician

Phone Westminster 6827

- 7:00 p. m.—The Hired Man.
- 7:20 p. m.—John Unfried.
- 7:40 p. m.—Dean Harry and Doyle Cole
- 8:00 p. m.—Bob Shuler's Question Hour.
- 8:20 p. m.—Raymond N. Schouten, Piano Recital
- 8:30 p. m.—The Maud Barnett Vocal Studies.
- 8:50 p. m.—Maurit Johnson, tenor.
- 10:00 p. m.—The Hired Man and Gen. Weibel, whistler
- 10:30 p. m.—

**WEDNESDAY, DECEMBER 16**

- 8:00 p. m.—Mrs. Murry's Dramatic Readers.
- 8:30 p. m.—J. E. Moore in Gospel Songs.
- 7:00 p. m.—The Conroy Bible Class.
- 7:45 p. m.—The Union House Mission.
- 8:30 p. m.—Bob Shuler's Religious Discussion
- 8:50 p. m.—Old Songs Quartet.
- 10:00 p. m.—Volunteers of America.
- 10:30 p. m.—M. and Mrs. Harbater.

**THURSDAY, DECEMBER 20**

- 8:00 p. m.—Jane Perrell and Mary Sims.
- 8:30 p. m.—The Curtis Sisters.
- 7:30 p. m.—Dr. Fredus Nelson Pastor.
- 7:50 p. m.—The Girls Corner Club.
- 8:30 p. m.—Bob Shuler's Club Talk.
- 9:00 p. m.—Male Quartet.
- 9:30 p. m.—South Park Christian Church Service
- 10:15 p. m.—Raymond N. Schouten Piano Studio
- 10:30 p. m.—The Hired Man.

**FRIDAY and SATURDAY—SILENT.**

**SUNDAY, DECEMBER 16**

- 8:30 a. m.—The Morning Watch Quartet.
- 9:30 a. m.—Ethel Cartwright's Story Hour
- 10:00 a. m.—Mr. Hester's Bible Hour
- 10:45 a. m.—Trinity Methodist Church Morning Service
- 2:00 p. m.—Miscellaneous Musical Program, with the Hired Man.
- 3:00 p. m.—The Southern California Bellman Art's
- 4:00 p. m.—Spanish Program.
- 5:00 p. m.—The Vespers Hour.
- 7:00 p. m.—Bob Shuler's Prelude Questions

**TUESDAY, DECEMBER 16**

- 8:30 p. m.—Yette Barker Studio Program
- 8:50 p. m.—Hazel's Piano Studio Program



# RCA's Latest and Best



RCA Radiola 60 (without Radiotrons) \$147.00

**T**HE RCA Super-Heterodyne, for five years the acknowledged leader in radio set design, has, in Radiola 60, been made a still finer instrument as a result of the continuous work of the two hundred engineers in the laboratories of RCA, General Electric

and Westinghouse. Not by virtue of its eight powerful AC Radiotrons alone, but also because of many new features in design, Radiola 60 outperforms other radio broadcast receivers with sensitivity, selectivity and tone fidelity that is amazing.

## LOS ANGELES

### Downtown

Barnes Music Co.  
532 S. Broadway  
TRinity 5223

Birkel Music Co.  
446 S. Broadway  
VAndike 1241

**COLYEARS**  
507-511 So. Main St.  
VAndike 1251.

Eastman Kodak Stores,  
Inc.  
510 S. Broadway  
TRinity 0746

Martin Music Co.  
734 S. Hill St.  
TRinity 9621

Richardson's  
730 West Seventh St.  
TRinity 2303

## HIGHLAND PARK

F & H Radio Shop  
5011 York Blvd.  
GARfield 8962

Holland Electric Shop  
5632 Pasadena Ave.  
GARfield 3912

### South

De Hoog Brothers  
6120 S. Broadway  
THornwall 0224

### Southwest

C. & G. Electric &  
Radio Company  
1501 W. Santa Barbara  
VERmont 5205

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

## West Adams District

H. H. Walker  
1323 Venice Blvd.  
BEacon 1311

### Wilshire-Western

Wilshire Music Co.  
605 S. Western Ave.  
WAShington 8873

## ALHAMBRA

Lewis Radio Studio  
127 W. Main St.  
Alhambra 2032

## BELL

Baker Ave. Electric  
4472 Baker Ave.  
Phone DElaware 1871

## PASADENA

Lee Radio Shop  
922 E. Colorado St.  
Wakefield 5951

Consult These Men, Too, for Expert Service on All Radiola Models

# RCA Radiola

MADE BY THE MAKERS OF THE RADIOTRON



**DOROTHY ZIMBLEMAN**  
*Program Director*

**KFSD** San Diego, Calif.—600 Kc.  
 1000 WATTS—499.7 METERS  
 "The Air Capitol of the West"  
 Telephone Franklin 5353

**HARVEY T. COLLINS**  
 President

**TOM SEXTON**  
 General Manager

**GENE MERRITT**  
 Chief Technician

- 8:15 p. m.—Bob Larsen's Orchestra.
- 7:30 p. m.—George Hallentine, Decoting Zimbleman
- 7:30 p. m.—Dennis Hidding McClintock, violinist
- 8:30 p. m.—Feature program.
- 9:00 p. m.—Imperial Symphonians: Cula McCullum
- 10:00 p. m.—Jimmie Kerr's Orchestra.
- 11:00 p. m.—Plata Real Orchestra.

**WEDNESDAY, DECEMBER 19**

- 3:15 p. m.—Speckels Outdoor Organ.
- 6:15 p. m.—Bob Larsen's Orchestra.
- 7:00 p. m.—Charles Gurley, Better Business Bureau
- 7:30 p. m.—Verna Robinson, Marguerite Smith.
- 7:30 p. m.—Theosophical University concert.
- 8:30 p. m.—Studio program.
- 9:30 p. m.—Sunshine Hawaiian Quartette:
- 10:00 p. m.—Hotel Del Coronado Casino Orchestra.
- 11:00 p. m.—Plata Real Orchestra.

**THURSDAY, DECEMBER 20**

- 3:15 p. m.—Balboa Park Organ.
- 6:15 p. m.—Plata Real Orchestra.
- 7:00 p. m.—San Diego Police Dept. program.
- 8:00 p. m.—Unitarian Church hour.
- 9:30 p. m.—Cramer's Baking hour.
- 10:00 p. m.—Jimmie Kerr's Casino Orchestra.
- 11:00 p. m.—Bob Larsen's Plata Real Orchestra.

**FRIDAY, DECEMBER 21**

- 3:15 p. m.—Speckels Outdoor Organ.
- 5:15 p. m.—Dinner program.
- 7:00 p. m.—Theatre Music Co. hour.
- 8:00 p. m.—Motor Hw. & Equip. Old Time hour
- 9:00 p. m.—Feature program.
- 10:00 p. m.—Hotel Del Coronado Casino Orchestra
- 11:00 p. m.—Plata Real Orchestra.

**SATURDAY, DECEMBER 22**

- 3:15 p. m.—Organ Recital, Balboa Park.
- 6:15 p. m.—San Diego Union and Tribune program
- 7:00 p. m.—Children's Variety Hour.
- 9:00 p. m.—Aloha Boys, Verna Prichard.
- 10:00 p. m.—Jimmie Kerr's Casino Orchestra.
- 11:00 p. m.—Bob Larsen's Orchestra.

- DAILY EXCEPT SUNDAY**
- 9:00 a. m.—Morning Musical. H. T. Peterson.
  - 10:00 a. m.—Amy-Lou Shopping Hour.
  - 11:30 a. m.—Service Hour.
  - 12:00 noon.—Time Signals.
  - 12:30 p. m.—Freck's Service Hour.
  - 12:30 p. m.—Fantasia Organ Recital
  - 3:15 p. m.—Organ Recital.
  - 4:45 p. m.—Musical Review.
  - 6:00 p. m.—Time Signals.
  - 6:32 p. m.—San Diego Union and Tribune news items.
  - 7:30 p. m.—U. S. Government weather report.
  - 9:00 p. m.—Time Signals.

**SUNDAY, DECEMBER 18**

- 11:00 a. m.—Music Box Review.
- 2:00 p. m.—Services, International Bible Students.
- 3:00 p. m.—Services, Theosophical Society.
- 4:00 p. m.—Speckels Outdoor Organ, Balboa Park
- 8:30 p. m.—Hutton's Hotel Del Coronado Concert

**MONDAY, DECEMBER 17**

- 8:15 p. m.—Dinner program.
- 7:00 p. m.—Theatre Music Hour.
- 8:00 p. m.—Studio program.
- 9:30 p. m.—American cabin Roundup.
- 11:00 p. m.—Plata Real Orchestra.

**TUESDAY, DECEMBER 18**

- 3:15 p. m.—Organ Recital, Balboa Park.

**LONG DISTANCE**

**GUARANTEED**

**RCA Radiola 60**

*Tone Quality  
 You'd Be  
 Surprised*

**\$147<sup>00</sup>**

Less Tubes

*Real  
 Selectivity  
 Within 10 KC*

*See Us First*

**ELECTRIC LIGHTING SUPPLY CO.**

MUtual 2335

216 West Third Street

Los Angeles

PHILCO

# PHILCO Electric RADIO

## CONSOLETTA MODEL

*for CHRISTMAS*



THIS PHILCO CONSOL-  
ETTE model has been  
especially designed and beau-  
tifully finished in walnut for  
a Christmas Special during the  
month of December only. It  
is on display at all dealers  
now and you will be able to  
hear the same "Neutrodyne  
Plus" performance with this  
model as with any other  
PHILCO.

Call your nearest dealer for  
a demonstration of "Neutro-  
dyne Plus" performance.

### Philadelphia Storage Battery Co.

Pacific Coast Branches:

SAN FRANCISCO  
218 Fremont Street

SEATTLE  
2024 Third Avenue

LOS ANGELES  
1143-1149 Wall Street

PORTLAND  
54 North Tenth Street

PHILCO

The essential features of these programs are identical with those sent by the stations.



CURTIS PECK

# KPO San Francisco, Calif.—710 Kc.

1000 WATTS—122.3 METERS  
HALE BROTHERS AND THE CHRONICLE  
"The Voice of San Francisco"

Phone Kearney 784

J. W. Laughlin  
Managing Director  
Mrs. Frederick Crowe  
Program Director  
Curtis Peck  
Technical Director

## DAILY EXCEPT SUNDAY

- 6:45 a. m.—S. & W. Health Exercises, with Hugh Dobbs  
8:00 a. m.—The Shell Happy Time  
9:30 a. m.—Dobbie's Daily Chat  
11:30 a. m.—Ye Town Crier (except Thursday).  
12:00 noon.—Time signals, scripture reading, etc. (ex. Saturday).  
12:00 noon.—Lillian R. (except Saturday).  
1:00 p. m.—Jerry Jermaine, for Hale Bros. (except Wednesday, Thursday and Friday at 1:30).  
2:00 p. m.—House of Dreams (ex. Mon. and Sat.)  
4:30 p. m.—Ye Town Crier Service (ex. Tues.).  
5:00 p. m.—Children's Hour.  
6:00 p. m.—Reo Logue with music.  
8:00 a. m.—Art Talk by Helen Gordon Barker. "Graphic Art."  
8:00 p. m.—N. B. C. program.  
9:00 p. m.—N. B. C. program.  
9:30 p. m.—KPO's Variety Hour, featuring KPO's popular entertainers.

## SUNDAY, DECEMBER 16

- 8:45 a. m.—Interdenominational and Non-sectarian Church services.  
1:30 p. m.—NBC.\*  
3:00 p. m.—"The Messiah"—Louna Lachmund, soprano; Irene Howland Nicoll, contralto; Alan Wilson, tenor; Mynard Jones, basso, and the San Jose Evening High School Valsingers, under the direction of Leitoy V. Brant.  
5:00 p. m.—Uda Waldrop's KPO musicals.  
6:15 p. m.—Atwater Kent Transcontinental program.  
7:15 p. m.—"The Evolution of the Postoffice," by Harry Todd.  
7:30 p. m.—KPO Symphony Orchestra, Embassy Theatre Vocal Ensemble.  
8:30 p. m.—Rudy Selzer and his Fairmont Hotel Concert Orchestra.

## MONDAY, DECEMBER 17

- 10:00 a. m.—Art Talk by Helen Gordon Barker.  
3:30 p. m.—Afternoon Trio for the Garage & Property Owners Association.  
7:00 p. m.—Studio program.  
8:00 p. m.—NBC.\*  
9:30 p. m.—KPO's Variety Hour.

## TUESDAY, DECEMBER 18

- 10:00 a. m.—Annabelle Lee for Langendorf Baking Co.  
10:30 a. m.—NBC.\*  
1:30 p. m.—Anna Warner's Home Making Chats.  
4:30 p. m.—Bridge Lesson No. 7.

\*See Page 52 for detailed National Broadcasting Company program.

- 7:00 p. m.—NBC.\*  
7:30 p. m.—Studio program.  
8:00 p. m.—NBC.\*  
9:00 p. m.—Kolater Hour.  
10:00 p. m.—Troaderans.

## WEDNESDAY, DECEMBER 19

- 10:00 a. m.—Betty Crocker's Gold Medal Hour Service talks.  
10:30 a. m.—NBC.\*  
1:30 p. m.—Anne Warner's Home Baking Chats.  
3:30 p. m.—Afternoon Trio for the Garage & Property Owners Association.  
7:00 p. m.—Tommy Munroe and Bob Allen.  
7:30 p. m.—NBC.\*  
8:30 p. m.—Studio program.  
10:00 p. m.—Gordon Henderson's Palm Court Dance Band.  
11:00 p. m.—NBC.\*

## THURSDAY, DECEMBER 20

- 10:00 a. m.—Annabelle Lee for Langendorf Baking Co.  
11:30 a. m.—NBC.\*  
12:30 p. m.—Shrine luncheon.  
1:30 p. m.—Jerry Jermaine for Hale Bros., Inc.  
5:30 p. m.—Evelyn Trent, in World Topics on the Air.  
6:00 p. m.—The Daily Reo-Logue with music.  
7:00 p. m.—Federal Business talks.  
7:15 p. m.—Sports-on-the-Air, by Harry Smith of the Chronicle.  
7:30 p. m.—Tommy Munroe and Bob Allen.  
8:00 p. m.—Caswell Hour.  
8:30 p. m.—Nathan Abas, violin recital.  
9:00 p. m.—Maurice Gunsky.  
9:30 p. m.—NBC.\*

## FRIDAY, DECEMBER 21

- 9:30 a. m.—Dobbie's Daily Chat for Reo Bros.  
10:00 a. m.—Betty Crocker's Gold Medal Hour Service talks.  
10:30 a. m.—NBC.\*  
12:45 p. m.—Commonwealth Club luncheon at Palace Hotel.  
1:30 p. m.—Jerry Jermaine for Hale Bros., Inc.  
3:30 p. m.—Afternoon Trio for the Garage & Property Owners Association.  
7:00 p. m.—Studio program.  
7:30 p. m.—Tommy Munroe and Bob Allen for Lloyd K. Hillman.  
8:00 p. m.—NBC.\*  
9:00 p. m.—Abas Sing Quartet.  
10:00 p. m.—Gordon Henderson's Palm Court Dance Band.  
11:00 p. m.—NBC.\*

## SATURDAY, DECEMBER 22

- 10:00 a. m.—Annabelle Lee for Langendorf Baking Co.  
1:30 p. m.—Anne Warner's Home Making Chats.  
5:00 p. m.—NBC.\*  
7:00 p. m.—NBC.\*  
9:00 p. m.—Gordon Henderson's Palm Court Dance Band.  
10:00 p. m.—NBC.\*  
12:00 a. m.—Saturday Midnight Review, conducted by Curtis Peck.

# SILVER THE KING

24 Kt Gold  
Pure Silver  
Soft  
Copper

## Gosilco Super Aerial Wire Gold over Silver on Copper

Greatly Increased DX Range. 50% More Volume — Clearer Tone — 35% sharper Tuning — Non-Corrosive. Endorsed by Naval Research Laboratory, Major Mott, Ormiston. A permanent investment. No. 14, 100 ft., \$4.00; 75, \$3.25; 50, \$2.50. Pat. applied for. If dealer cannot supply you, write or phone us. Over 50,000 GOSILCO Aerials in use—There's a Reason.

Distributed by Herbert H. Horn and Other Jobbers

GOSILCO RADIO PRODUCTS CO.

6420 Marbalsr Ave. DE. 3940 Huntington Park, Calif.

# ACME AC RADIO

All Electric



Super AC Reception



The satisfaction of giving to the radio public an all electric radio which will excel anything in its price class has been accomplished by Acme engineers. This is the first completely self-contained AC set; in fact, the first AC set of any type to be offered at such an astonishing price.

Sharp tuning, good tone, single illuminated dial, attractive cabinet.

*Will Operate Any Make of Dynamic Speaker*

Model AC 4, Less Tubes

**\$52<sup>00</sup>**

Strictly AC—Uses two 112A; one 227; one 280.

Splendid tone on local stations!

Very selective!

Not intended for distance!

Model AC 4, Less Cabinet

**\$45<sup>00</sup>**

*—write or wire today for complete information*

*Dealers: Some Territory Still Open*

There is a special ACME set for distant stations, using A. C. tubes. \$67.50 list less tubes. *Write for complete information.*

This is a seven-tube set outside appearance identical to AC 4, shown above. Uses four AC 226; one AC 227; one AC 171A and one 280, which list for \$20.00 extra.

*Bulletins No. 99 to 104 describe the complete line of ACME power units. Write for them today.*

## N.F. ANDRUSS

COAST FACTORY REPRESENTATIVE

426 LARKIN ST. SAN FRANCISCO

ACME ELECTRIC AND MFG. CO. CLEVELAND OHIO

The essential features of these programs are identical with those sent by the stations.



HOWARD MILHOLLAND

# KGO

## Oakland, California—790 Kc.

5000 WATTS—379.5 METERS  
PACIFIC COAST STATION, GENERAL ELECTRIC CO.  
Phone Fruitvale 8968  
357 Hotel St. Francisco

DAILY EXCEPT SUNDAY

9:30 a. m.—California Home Life.  
11:30 a. m.—Rembrandt Trio (except Wednesday and Thursday).  
12:00 noon, 6:00 a. m. and 10:00 p. m.—Teletrouse Time.  
12:30 and 1:00 a. m.—Stock and weather reports.  
4:00 p. m.—Hotel St. Francis Dance Orchestra (except Monday).  
5:30 p. m.—San Francisco and New York Stocks (except Wednesday and Saturday).  
8:00 p. m.—Sessions Westminster Chimes.  
9:00 p. m.—Time signals.

11:45 a. m.—Rembrandt Trio.  
5:00 p. m.—Dr. Albertine Richards Nash.  
5:15 p. m.—Weekly Financial Review.  
6:00 p. m.—Rembrandt Trio and Reba Swan.  
6:30 p. m.—Palmolive transcontinental.  
7:30 p. m.—Remar program.  
8:00 p. m.—The Parisian Quartette.  
9:00 p. m.—NBC.\*  
10:00 p. m.—The Trocaderans

THURSDAY, DECEMBER 20

11:30 a. m.—Standard Oil educational program.  
3:00 p. m.—Tom King detective stories.  
6:00 p. m.—NBC.\*  
6:30 p. m.—Agricultural program.  
7:30 a. m.—NBC.\*  
8:30 p. m.—Drama "Franklinense and Myrrh."  
9:30 p. m.—NBC.\*

FRIDAY, DECEMBER 21

10:30 a. m.—NBC.\*  
11:30 a. m.—Elmer Martin, "Home Economics."  
5:30 p. m.—NBC.\*  
6:30 p. m.—Dinner concert.  
7:00 p. m.—NBC.\*  
9:00 p. m.—Mystery serial, "The Tocsin of Tambour."  
9:30 p. m.—NBC.\*  
10:00 p. m.—Western Artist Series concert.  
11:00 p. m.—NBC.\*

SATURDAY, DECEMBER 22

3:00 p. m.—Jack Martin's Hawaiiana.  
5:30 p. m.—Market reports; news.  
8:00 p. m.—NBC.\*

**SUNDAY, DECEMBER 16**  
11:00 a. m.—First Presbyterian Church service.  
1:30 p. m.—NBC.\*  
4:00 p. m.—Vesper Service, Grace Cathedral.  
6:15 p. m.—NBC.\*  
8:00 p. m.—Weather forecast.  
8:00 p. m.—First Presbyterian Church.  
9:00 p. m.—NBC.\*

**MONDAY, DECEMBER 17**  
9:30 p. m.—"Everyday Living," Christian S. Madison.  
5:00 p. m.—Aunt Betty stories, KGO Kiddies' Klub.  
5:00 p. m.—Popular program.  
6:30 p. m.—NBC.\*  
9:00 p. m.—Pirestone program.  
9:30 p. m.—General Electric program.  
10:30 p. m.—Alaskan News Flashes, United Press

**TUESDAY, DECEMBER 18**

10:30 a. m.—NBC.\*  
5:00 p. m.—"What's Happening in the World."  
6:00 p. m.—NBC.\*  
7:00 p. m.—The Strolling Troubadour.  
7:30 p. m.—"Musical Miniatures."  
8:00 p. m.—NBC.\*  
9:00 p. m.—"The Pilgrims."  
10:00 p. m.—"DX Flashes," Associated Press.

**WEDNESDAY, DECEMBER 19**

11:00 a. m.—NBC.\*  
11:30 a. m.—Thine Hard Cream program.  
\*See Page 52 for detailed National Broadcasting Company program.

# Radio Cabinets

to fit

# Any Set

Also Novelty Furniture

# Radio Cabinet Co.

LOS ANGELES

2511 Compton Ave.

Humbolt 8821

# MAGNAVOX *Dynamic* SPEAKERS



KNIGHTS ON THE AIR  
"The Bohemian Girl" OPERA ENSEMBLE - NBC

## ***Aristocrat Model***

Beautiful butt burl walnut cabinet finished in two tones.  
For A-Battery Operation...\$60  
For AC Operation.....\$70



ARISTOCRAT  
MODEL

Only a dynamic speaker can give you studio realism . . . . the rich, full, undistorted beauty of music . . . . with power volume.

*Los Angeles Wholesale Distributors*

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

**LEO J. MEYBERG CO.**  
1022 Wall St.

**SPLITDORF BETHLEHEM CO.**  
727 Venice Blvd.

**WESTERN RADIO, INC.**  
1224 Wall St.

The essential features of these programs are identical with those sent by the stations.



"MAC"

# KFRC San Francisco, Calif.—610 Kc.

Owned and Operated by Don Lee, Cal. Dist. for Cadillac & LaSalle  
1000 WAITS—491.5 METERS  
1000 Van Ness. Telephone PRosecol 6100  
"Keep Forever Radiating Cheer"

Harrison Holloway  
Manager  
Helen O'Neill  
Program Director  
Frank Moss  
Musical Director  
Alan N. Cormack  
Engineer

## DAILY EXCEPT SUNDAY

- 7:30 a. m.—Simpzy Fitts, courtesy AirTex Mattress Mfrs.  
8:30 a. m.—Musical records program (ex. Mon., Tues.)  
9:30 a. m.—George O. George (except Saturday).  
10:30 a. m.—Wyn's Daily Chat (ex. Tues.).  
11:30 a. m.—Amateur Tryouts (except Saturday).  
12:00 noon—Scherano Clay concert.  
1:30 p. m.—San Francisco Symphony Orch. recordings (except Monday and Tuesday).  
2:30 p. m.—Matinee Concert, courtesy of Pacific Radio Trades (except Saturday).  
3:30 p. m.—Matinee Orch. Concert (ex. Thurs., Fri.).  
4:30 p. m.—Something About Everything.  
4:45 p. m.—San Francisco Call, news item.  
5:00 p. m.—Mac and his Gang.  
5:50 p. m.—Town Topics.  
6:30 p. m.—Theodore Strong Organ Recital.  
8:30 p. m.—Embassy Theatre pres. (ex. Tues., Fri.).  
10:00 p. m.—Anne 'n' Andy (ex. Wed.).  
10:10 p. m.—Dance music.

## SUNDAY, DECEMBER 16

- 9:00 a. m.—KFRC Radio Fellowship Church.  
10:00 a. m.—"Home, Sweet Home."  
12:00 noon—Famous Fathers' Old St. Mary's Church.  
1:15 p. m.—The Sunday Sermon.  
3:15 p. m.—"Red" Nessler and Art Fadden.  
4:30 p. m.—Marie Wallman, soprano, assisted by Frank Moss.  
4:40 p. m.—"Tea Time Three."  
5:30 p. m.—Inspirational talk by Dr. Louis I. Newman.  
6:30 p. m.—Moran & Mack, "The Two Black Crows," and Arnold Johnson's Orchestra.  
7:30 p. m.—Charles Hubert, tenor; Juanita Tennyson, soprano, and KFRC Concert Orch.  
8:00 p. m.—"Pat" concert, with him and his Zither.  
9:00 p. m.—Robert Olsen, song recital.  
9:30 p. m.—Tom Gerunovich and his Roof Garden Orch.  
10:00 p. m.—Anne 'n' Andy.  
10:10 p. m.—Tom Gerunovich and his Roof Garden Orch.  
11:10 p. m.—Recorded dance program.

## MONDAY, DECEMBER 17

- 11:00 a. m.—Mary Lewis Haines, Domestic Science talk.  
11:30 a. m.—Amateur Auditions.  
4:00 p. m.—"Careers for Women."

- 4:15 p. m.—Talk by Physician.  
7:00 p. m.—Myrrhol Mirthful Melody, conducted by Simpzy Fitts.  
7:30 p. m.—Cecilians present "The Sky Above."  
8:00 p. m.—"Blue Monday Jamboree."

## TUESDAY, DECEMBER 18

- 11:00 a. m.—Cold Day.  
4:00 p. m.—"Careers for Women."  
4:15 p. m.—Wesley Air Express Aviation talk.  
6:30 p. m.—"Haha," noted sports authority.  
7:00 p. m.—Martha Quartette and Art Fadden.  
7:30 p. m.—Cecilians present "A Bouquet of Roses."  
8:00 p. m.—"The Night Before Christmas."  
9:00 p. m.—Theatrical Club.  
9:30 p. m.—KFRC Concert Orchestra.  
10:00 p. m.—Anne 'n' Andy.  
10:10 p. m.—The 'n' Kold Shows Return, Al Pearce.  
11:10 p. m.—Tom Gerunovich and his Roof Garden Orch

## WEDNESDAY, DECEMBER 19

- 11:00 a. m.—Mary Lewis Haines, Domestic Science talk.  
3:00 p. m.—Matinee concert.  
4:00 p. m.—Educational period.  
4:20 p. m.—Pat Farn by Fred Johnson of the Call.  
7:00 p. m.—"Novelties," by Steinball Taylor and allura.  
7:30 p. m.—Tom Gerunovich and his Roof Garden Orch.  
8:00 p. m.—Frank Moss, piano recital, featuring works of Chopin.  
8:30 p. m.—Robert Olsen, tenor, and Glenhall Taylor, pianist.  
9:00 p. m.—Western Matine Concert Orchestra.  
10:00 p. m.—Hotel Mark Hopkins.  
11:00 p. m.—Recorded program

## THURSDAY, DECEMBER 20

- 4:00 p. m.—"The Winner"  
7:00 p. m.—"Father Plans Santa," comedy skit.  
7:30 p. m.—Marshall Smith and Melody.  
8:00 p. m.—"From a Miss Yarn."  
8:30 p. m.—Current program, featuring Bob Kiler and his zither and Harry Marknight.  
9:00 p. m.—"Tea Time Three."  
11:10 p. m.—Musical Concert Orchestra

## FRIDAY, DECEMBER 21

- 11:00 a. m.—"Hints to Home Makers" by Aunt Martha.  
4:00 p. m.—Garden Talk by F. W. Davis.  
6:30 p. m.—Pat Farn, Kieris Editor of the Call.  
7:00 p. m.—Studio program.  
7:30 p. m.—Cecilians.  
8:00 p. m.—"Great Ladies."  
8:30 p. m.—Pheta Morrison and the Sparklers.  
9:00 p. m.—Cadillac-Lasalle Orch., Juanita Tennyson

## SATURDAY, DECEMBER 22

- 8:00 a. m.—Studio program.  
8:30 a. m.—Pat Farn Service program.  
10:00 a. m.—Studio program.  
7:00 p. m.—Concert Orchestra and Glen Hood.  
7:30 p. m.—Studio program.  
8:00 p. m.—KFRC Concert Orchestra.  
8:30 p. m.—Hotel Mark Hopkins Orchestra.

BT Counterphase 8—World's Greatest Radio—Sold with a Distance Guarantee. H. A. Everest, 7406 Melrose Avenue. ORegon 4702.

# BIG SALARIED POSITIONS

Movietone - Vitaphone - Service  
Custom Building and More!

## EARN WHILE LEARNING!

Terms Arranged to Suit You :: Day and Evening Classes

### RADIO COLLEGE OF CALIFORNIA

921 W. 6TH ST.

Employment Service

VAndike 0902

Write in Your Technical Questions. They Will Be Answered Between  
4 and 5, Mondays and Fridays, Over Station KTM (formerly KNRC)



## Side-Bands

(Continued from Page 33)

importance from this explanation, as without them you could have no speech and music, and hence, no radio broadcast. You will also see why stations cannot be closer together than 10 kilocycles, as each station must have a 10 kilocycle band, 5 on either side of the assigned carrier frequency, in which to modulate the carrier with the audible frequencies that bring you speech and music.

It will be also understood how a receiver which tunes with knife-like selectivity will not permit uniform amplification of this full 10 Kc. band and hence some of the audible notes will be sacrificed. The sharper the selectivity, the poorer will be the reproduction of music. The absence of the overtones and harmonics are especially noticed when the side-bands are not fully included in the tuning and amplifying process in the receiver, and the music sounds unnatural.

So it is important that the radio frequency end of the receiver should be broad enough to include 5 kilocycles on either side of the carrier, but sharp enough to exclude the station which is operating in the next channel, 10 kilocycles above or below. We see that stations operating on carrier frequencies but 10 kilocycles apart, actually meet each other on your dial at the point half way between,—the upper side-band of one station just meets the lower side-band of the other.

It follows that the ideal system is one in which a uniform amplification is secured for 5 kilocycles on either side of the carrier, than a sharp cut-off takes place on either side. When tuning a set with these characteristics we will find that any station tuned in will have uniform volume over a space on the dial which represents 10 kilocycles, and then disappears suddenly and the station in the next channel appears just as suddenly and has constant volume for the next 10 kilocycles of dial space, etc. And in this ideal receiver we would expect to find true tone quality, because we would not have to falsely create in the audio end what we had sacrificed in the radio frequency end by side-band cutting.

## Kennedy

(Continued from Page 38)

ers. In 1926, when Colin B. Kennedy discontinued the manufacturing of his former line of radio receivers, Mr. Bloom left Klerulff & Ravenscroft and became associated with the John G. Rapp Company. He remained with this organization until Mr. Kennedy decided to again go into the manufacturing of radio sets.

Mr. Bloom's experience certainly qualifies him to represent Colin B. Kennedy Company on the Pacific Coast, and it is an almost assured fact that the Kennedy receivers will again take their rightful position in the western radio market.

In a statement signed by Mr. Nathan Chirelstein, president, the Sonatron Tube Company announces that its new factory has now been turned over completely to them and that production is increasing regularly.

For some time the company, facing an unprecedented demand for Sonatron radio tubes, has felt the need of increased facilities. The additional space just made available is equivalent to the entire factory space the company has had heretofore.

Mr. Chirelstein discloses that the company is acquiring and has recently acquired new properties for the purpose of increasing production in the near future.

Earnings for the month of November will equal or better the figures for October, which were \$1.70 per share.

Mr. Chirelstein expressed himself as being gratified by the Supreme court's denial to review the decision of the Circuit court of Philadelphia on the tube clause in the Radio Corporation of America's licenses to manufacturers.

### CORRECTION

Through a typographical error the various prices on the Universal Microphones as shown in the advertisement of the Radio Supply Co. in last week's issue of Radio Doings, were incorrect. The correct prices in the various models are: Model BB, \$25.00; Standard Broadcast Microphone, \$75.00, and Condenser Microphone, \$250.00, instead of \$15.00, \$60.00 and \$200.00, respectively, as shown in advertisement.

The essential features of these programs are identical with those sent by the stations.



IRVING KRICK

# KTAB

## Oakland, Calif.—550 Kc.

500 WATTS—343.1 METERS  
 Knowledge, Truth and Beauty  
 Official Pickwick Station  
 Owned and Operated by the Pickwick Broadcasting Corp.  
 MEL LE MON, Manager  
 ADA MORGAN O'BRIEN, Program Director  
 IRVING KRICK, Announcer  
 Pickwick Terminal Hotel, Fifth and Mission Sts.  
 Telephone Merritt 0240

**DAILY EXCEPT SUNDAY**

- 7:00 a. m.—Getting-up Exercises.
- 8:00 a. m.—Popular Recordings.
- 9:00 a. m.—Hour of Prayer.
- 11:00 a. m.—Devotional Hour with D. B.
- 11:30 a. m.—Variety Recordings.

- 12:30 p. m.—Organ Recital, Kate Marvis Foxworth.
- 2:00 p. m.—Recordings (except Tues. and Thurs.).
- 3:30 p. m.—KTAB features.
- 4:00 p. m.—Ten Hour, Elysian Trio (Official Pickwick)
- 5:00 p. m.—Miss Brother Bob's Frolic.
- 6:00 p. m.—Shop in the Mission program.
- 8:30 p. m.—Twilight Hour.
- 7:00 p. m.—Dinner Concert.
- 8:00 p. m.—Colonial Mystery Hour.
- 12:00 midnight.—The Night Owl.

- 10:00 a. m.—Hortus Angels, "Home Decoration."
- 1:00 p. m.—Recordings.
- 3:00 p. m.—"Light" program—Pickwick Park.
- 5:00 p. m.—A Cappella Choir from College of Pacific
- 10:00 p. m.—Dance Recordings.
- 11:00 p. m.—Symphonic Recordings.

**WEDNESDAY, DECEMBER 16**

- 9:00 a. m.—Morning Classified and Recordings.
- 1:00 p. m.—Dr. Bond, D.C., Health Talk.
- 3:00 p. m.—Address by Harry L. Todd, Postmaster.
- 5:00 p. m.—L. O. G. V. Band.
- 10:00 p. m.—Dance Recordings.
- 11:00 p. m.—Symphonic Recordings.

**THURSDAY, DECEMBER 20**

- 9:30 a. m.—Dr. J. Douglas Thompson, D.C.—Diet Specialist.
- 10:00 a. m.—Morning Classified and Recordings.
- 1:00 p. m.—Recordings.
- 3:00 p. m.—Cocacola Club Frolic.
- 11:00 p. m.—Variety Sketches—Jack Hart, baritone.

**FRIDAY, DECEMBER 21**

- 9:00 a. m.—Morning Classified and Recordings.
- 1:00 p. m.—Dr. Bond, D.C.—Health Talk.
- 3:00 p. m.—"Light" program—Harry Martin, tenor; Chuck Todd, starlet.
- 8:00 p. m.—The Lullaby Club.
- 10:00 p. m.—Variety Sketches—Kestie McKenna, Mellick entertainer.

**SAUNDAY, DECEMBER 22**

- 9:30 a. m.—Morning Classified and Recordings.
- 1:00 p. m.—Dr. Bond, D.C.—Health Talk.
- 3:00 p. m.—Choir of First Presbyterian Church—Christmas Carols.
- 10:00 p. m.—Dance Recordings.
- 11:00 p. m.—Symphonic Recordings.

**SUNDAY, DECEMBER 16**

- 10:00 a. m.—Bible Class.
- 11:00 a. m.—Tenth Ave. Baptist Church, Dr. Phillips.
- 12:30 p. m.—Organ recital from Chapel of Chinese.
- 1:00 p. m.—Colonial Concert.
- 2:00 p. m.—Sappho Concert Hour: Corliss Trio.
- 3:00 p. m.—Symphonic Recordings.
- 4:00 p. m.—Organ Recital and Instrumentalists.
- 4:30 p. m.—Symphonic Recordings.
- 5:00 p. m.—KTAB Concert Hour.
- 8:00 p. m.—Majestic Theater of the Air, Columbia Net.
- 7:00 p. m.—Symphonic Recordings.
- 7:30 p. m.—Tenth Ave. Baptist Church, Dr. Phillips.
- 9:20 p. m.—Suite of Light Opera Recordings.

**MONDAY, DECEMBER 17**

- 9:30 a. m.—Morning Classified and Recordings.
- 1:30 p. m.—Dr. Bond, D.C., Health Talk.
- 3:00 p. m.—Elysian Trio: Lydia Sturtevant, alto.
- 10:00 p. m.—Variety Sketches: Otto Lindquist, tenor.
- 11:00 p. m.—Symphonic Recordings.

**TUESDAY, DECEMBER 18**

- 9:30 a. m.—Dr. J. Douglas Thompson, D.C., Diet Specialist.
- 10:00 a. m.—Morning Classified and Recordings.



AIMEE SEMPLE McPHERSON

# KFSG

## Los Angeles, Calif.—1120 Kc.

500 Watts—267.7 Meters. Angelus Temple, Echo Park. Fl. 8121

**"Four Square Gospel"**

Aimee Semple McPherson  
 Founder, President  
 Frederick H. Morrison  
 Manager  
 M. E. Kennedy  
 Technician  
 C. N. Tucker  
 Announcer  
 Esther Fricke  
 Temple Organist

- 7:00 p. m.—Musical Hour, Temple Choir, Silver Band, organ.
- 8:00 p. m.—Revival Service, Aimee Semple McPherson.
- 10:00 p. m.—Musk Tovar's Hour, Esther Fricke.

**MONDAY, DECEMBER 17**

- 11:00 a. m.—Recorded program from Grey Studio.

**TUESDAY, DECEMBER 18**

- 3:00 p. m.—Bethesda Hour, Dr. Garden.
- 4:00 p. m.—Recorded program from Grey Studio.

**WEDNESDAY, DECEMBER 19**

- 7:00 p. m.—Divine Healing Service, Aimee Semple McPherson.

**THURSDAY, DECEMBER 20**

- 3:00 p. m.—Bethesda Hour, Dr. Garden.
- 4:00 p. m.—Rev. Claire Britton and Alhambra Branch Church Group.
- 8:00 a. m.—Water Baptismal Service, Aimee Semple McPherson.

**FRIDAY, DECEMBER 21**

- 3:00 p. m.—Bethesda Hour, Dr. Garden.
- 4:00 p. m.—Rev. B. Bradford and Pasadena Branch Church Group.

**SATURDAY, DECEMBER 22**

- 2:00 p. m.—Children's Happy Hour, Miss Estelle Jones.
- 3:00 p. m.—Bethesda Hour, Dr. Garden.
- 4:00 p. m.—Theologic, Jas. R. McIntire.
- 8:00 p. m.—Divine Healing Service, Aimee Semple McPherson.

**DAILY EXCEPT SUNDAY**

- 7:00 a. m.—Family Altar.
- 10:00 a. m.—Sunshine Hour.
- 11:00 a. m.—Sunday musical, with Esther Fricke, organist (except Tuesday).
- 2:00 p. m.—Aimee Semple McPherson Correspondence School Hour (except Mon., Wed. and Sat.).

**SUNDAY, DECEMBER 16**

- 10:15 a. m.—Sunday Morning Worship, Aimee Semple McPherson.
- 2:30 p. m.—Dispensation Message, Aimee Semple McPherson.
- 6:30 p. m.—Loving Barilotti and Angelus Temple SU-rrer Band.

The essential features of these programs are identical with those sent by the stations.



LIBORIUS HAUPTMANN

# KYA San Francisco, Calif.—1230 Kc.

"THEATRE OF THE AIR"  
1000 WATTS—243.8 METERS

West Coast Theaters Studio, 988 Market Street. Tel. Prospect 5022  
CLAIR MORRISON, Manager  
Edward Ledes, Chief Announcer T. B. Palmer, Chief Technician  
Liborius Hauptmann, Musical and Program Director

DAILY EXCEPT SUNDAY

- 8:00 a. m.—"The KYA Morning Glories," with music and songs.
- 9:00 a. m.—Daily Cooke, the "Better Home Girl of KYA."
- 10:00 a. m.—Musical program (except Tuesday and Friday).
- 11:00 a. m.—"California Sunshine Hour."
- 12:00 noon—News Items direct.
- 1:00 p. m.—Bridal party.
- 4:00 p. m.—News Casting.
- 5:00 p. m.—Who's Who program.
- 5:00 p. m.—News from the Examiner.
- 6:15 p. m.—The Golden Gate Crier.
- 7:00 p. m.—Musical Demi-Tasse of the Pac. Salon Orch. (ex. Mon and Tues.).
- 10:00 p. m.—Tasmanet Time Signal.
- 10:00 p. m.—Dance Orchestra (except Saturday).

London Bay Fair Time hourly, 9:00 a. m. to 5:00 p. m.

### SUNDAY, DECEMBER 16

- 10:00 a. m.—Examiner Pioneers Hour, with Miles Overholt.
- 11:00 a. m.—Temple Methodist Church.
- 12:00 p. m.—Pacific Salon Orchestra.
- 3:00 p. m.—Recorded program.
- 6:00 p. m.—Dr. Frederick W. Clappell.
- 6:00 p. m.—"Majestic Theatre of the Air."
- 7:00 p. m.—Dr. Frederick W. Clappell, World Topics.
- 7:30 p. m.—Temple Methodist Church.
- 9:00 p. m.—Pacific Symphony Orchestra.

### MONDAY, DECEMBER 17

- 12:15 p. m.—Bell Laboratory.
- 12:25 p. m.—Recorded program.
- 3:00 p. m.—Dr. H. L. Corley.
- 7:00 p. m.—Judge Matthew W. Brady on Crime Prevention.
- 7:15 p. m.—Gen. Taylor and Dell Perry.
- 7:45 p. m.—Mary Atherton.
- 8:00 p. m.—Mary Elliott and Nell Leonard.
- 8:10 p. m.—West Coast Theaters Frolic.
- 9:00 p. m.—Mabel & Leo, Jimmy Fessenden, Youngs Peterson.
- 9:15 p. m.—Dr. Corley program.
- 10:00 p. m.—Dance music, John Patrick.

### TUESDAY, DECEMBER 18

- 10:00 a. m.—Dr. H. L. Corley.
- 12:15 p. m.—Tuesday Noon Club with the Pacific Salon Orchestra.
- 1:00 p. m.—Pacific Salon Orchestra.
- 1:30 p. m.—Babette, Fashion.
- 2:45 p. m.—"Officer musical."
- 7:00 p. m.—KYA Birthday Party.
- 8:00 p. m.—Examiner Christmas Cheer Fund program by KYA artists.
- 8:15 p. m.—West Coast Theaters Frolic.
- 9:00 p. m.—The Examiner Christmas Cheer Fund program.
- 10:00 p. m.—Celebration of the Second Birthday of KYA with a host of artists.

### WEDNESDAY, DECEMBER 19

- 11:40 a. m.—Dr. J. R. Brandon.

### THURSDAY, DECEMBER 20

- 10:45 a. m.—Prudence Penny, household editor of the Examiner.
- 11:00 a. m.—California Sunshine Hour.
- 11:00 a. m.—Dr. J. R. Brandon.
- 12:15 p. m.—Bell Laboratory program.
- 12:25 p. m.—Pacific Salon Orchestra.
- 2:00 p. m.—Dr. H. L. Corley.
- 2:10 p. m.—Pacific Salon Orchestra.
- 4:00 p. m.—News-casting.
- 4:15 a. m.—Records.
- 4:10 p. m.—Mark Twain readings.
- 8:00 p. m.—California Sunshine Boys.
- 8:30 p. m.—Clara Benedict, Ralph Dolbey.
- 9:00 a. m.—Pacific Symphony Orchestra.

### FRIDAY, DECEMBER 21

- 10:45 a. m.—Prudence Penny, household editor of the Examiner.
- 11:00 a. m.—California Sunshine Hour.
- 11:00 a. m.—Dr. J. R. Brandon.
- 12:15 p. m.—Bell Laboratory program.
- 12:25 p. m.—Pacific Salon Orchestra.
- 2:00 p. m.—Dr. H. L. Corley.
- 2:10 p. m.—Pacific Salon Orchestra.
- 7:00 p. m.—Musical Demi-Tasse, featuring orchestra.
- 8:00 p. m.—Melvin & Leo, J. K. Beasley.
- 9:00 p. m.—Pacific Symphony Orchestra.

### SATURDAY, DECEMBER 22

- 10:00 a. m.—Dr. H. L. Corley.
- 12:25 p. m.—Pacific Salon Orchestra.
- 4:00 p. m.—The Hammet Kiddies and KYA Orchestra.
- 4:10 p. m.—Pacific Salon Orchestra.
- 8:00 p. m.—Metro Trio, Rachel Ward, Bernice Furrington, Lillian Crain.
- 9:00 p. m.—Pacific Symphony Orchestra.

### SUNDAY, DECEMBER 23

- 10:00 a. m.—Dr. H. L. Corley.
- 10:40 a. m.—Recorded program.
- 12:10 p. m.—Pacific Salon Orchestra.
- 1:00 p. m.—Luncheon of the Travellers' Protective Association.
- 5:00 p. m.—Pasadena Union High School Girls' Glee Club.
- 8:00 p. m.—Pacific Symphony Orchestra.
- 10:00 p. m.—KYA Frolic.



H. E. SATTERFIELD

# KPSN Pasadena, Calif.—950 Kc.

1000 WATTS—315.8 METERS

The Star News Building. Tel. Wakefield 3111

George Cecil Cowing, Station Manager

P. C. Pryor, Program Manager

H. E. Satterfield, Chief Radio Engineer

DAILY EXCEPT SUNDAY

- 12:00 noon—Records.
- 12:15 p. m.—Mid-day News.
- 4:30 p. m.—Tea Time Concert.
- 6:00 p. m.—Late News.
- 8:15 p. m.—Evening Concert of Records.

## MEXICAN RADIO CRYSTAL COMPANY

Manufacturers of

Mexican Mounted Pyrite, Galena, Carborundum, Mexican Fixed Renewable Crystals  
Telephone THornwall 5393

A. H. QUAST, Distributor

8841 South Hoover Street

Los Angeles, California

The essential features of these programs are identical with those sent by the stations. By order of the Federal Radio Commission, KEX and KOB must share time.



JOHN H. BARNET

# KEX Portland, Oregon—1180 Kc.

5000 WATTS—251 METERS  
Owned by American Broadcasting Company  
Terminal Sales Building

John H. Barnet  
Station Manager  
Lewis TeeGarden  
Program Director  
Clarence B. Clark  
Chief Technician

- 4:00 p. m.—Afternoon musicale—Patrick Sage, baritone.
- 5:00 p. m.—Cathedral Hour, ABC.
- 6:00 p. m.—Majestic Theatre of the Air, Columbia Network.
- 7:00 p. m.—Novelty program, ABC.
- 7:45 p. m.—American Film Broadcasting Committee.
- 8:00 p. m.—American Salon Orchestra, ABC.
- 10:00 p. m.—Weather and Police reports, Oregon Journal-News.

### MONDAY, DECEMBER 17

- 5:00 p. m.—Amateur Try-out Hour.
- 6:00 p. m.—Utility Service, World Book Man.
- 8:00 p. m.—American Salon Orchestra, ABC.
- 10:00 p. m.—Weather and Police reports, Oregon Journal-News.
- 10:10 p. m.—Dance Frolic, Vic Meyers' Orchestra, ABC.

### TUESDAY, DECEMBER 18

- 5:00 p. m.—KEX Utility Hour, World Book Man.
- 8:00 p. m.—Duroseal Storyteller.
- 8:15 p. m.—L. H. Curtis, "Demon Carelessness" concert.
- 8:30 p. m.—Merry Christmas Ramblers.

### WEDNESDAY, DECEMBER 19

- 8:00 p. m.—Sunshine Hour, ABC Network.
- 8:30 p. m.—American Salon Orchestra, ABC.

### THURSDAY, DECEMBER 20

- 8:00 p. m.—Catholic Truth Society lecture.
- 8:15 p. m.—Cora Thompson, the Storyteller.
- 8:30 p. m.—American Salon Orchestra, ABC.

### FRIDAY, DECEMBER 21

- 8:00 p. m.—Artistic Ensemble, ABC.
- 8:30 p. m.—O. M. Plummer of Pac. Internat'l Livestock Exh.

### SATURDAY, DECEMBER 22

- 8:00 p. m.—Musical Comedy Review, ABC.
- 9:00 p. m.—Good Citizenship program.
- 9:30 p. m.—Dance concert, Vic Meyers' Orchestra, ABC.
- 10:20 p. m.—Weather and Police reports, Oregon Journal-News.
- 10:30 p. m.—Show Boat Frolic, ABC.

- DAILY EXCEPT SUNDAY**
- 5:45 a. m.—Vim, Vigor and Vitality.
  - 7:05 a. m.—With the morning coffee.
  - 8:00 a. m.—Morning Clear concert.
  - 9:00 a. m.—12 noon, 5 p. m. and 10 p. m.—Western Union time.
  - 9:00 a. m.—Better Homes hour: Joe Sherman, banjoist.
  - 10:00 a. m.—Morning devotional service.
  - 10:15 a. m.—Morning Shopping Guide.
  - 11:35 a. m.—News, weather, etc.
  - 12:00 noon—Luncheon concert.
  - 1:00 p. m.—"Songs You Ought to Know."
  - 1:30 p. m.—KEX Little Symphony (ex. Monday)
  - 2:00 p. m.—College News (except Monday).
  - 2:45 p. m.—Rena Musical.
  - 3:00 p. m.—Studio program.
  - 4:30 p. m.—Santa Claus program.
  - 5:00 p. m.—Afternoon musicale.
  - 8:00 p. m.—New Haven Westminster Chimes.
  - 9:00 p. m.—American Salon Orchestra.
  - 10:00 p. m.—Dance Frolic: Department of Agriculture reports; weather reports (except Saturday).
- SUNDAY, DECEMBER 16**
- 1:00 p. m.—KEX Little Symphony concert.
  - 2:00 p. m.—Western Light Opera Company
  - 2:30 p. m.—KEX Little Symphony concert.
  - 3:30 p. m.—Thelma Lee and Alice Prindle.



DOLPH THOMAS  
Announcer

# KOIN Portland, Oregon—940 Kc.

1000 WATTS—319 METERS  
Studio: New Heathman Hotel  
Broadway at Salmon St.

G. H. Watson  
Station Engineer  
Dolph Thomas  
Studio Director and  
Chief Announcer  
Tom Clarke  
Junior Announcer

- 9:00 p. m.—Orchestral concert.
- MONDAY, DECEMBER 17**
- 8:00 p. m.—Studio program.
  - 9:00 p. m.—Heaven Revelers.
  - 9:30 p. m.—Studio program.
  - 10:00 p. m.—George McMurney's Columbia Recording Orchestra, from Cole McElroy's Spanish Ballroom.
- TUESDAY, DECEMBER 18**
- 8:00 p. m.—Studio program.
  - 8:15 p. m.—Olympic Humane Society.
  - 8:30 p. m.—Program, featuring McKinley Sisters, Monte Austin and Frank Taylor.
  - 9:30 p. m.—Flight broadcast, courtesy American Legion, Portland Post No. 1.
- WEDNESDAY, DECEMBER 19**
- 8:00 p. m.—Walter's Junior String Orchestra.
  - 8:30 p. m.—KOIN Players, direction Edna Morrison.
  - 9:30 p. m.—Studio program.
  - 10:00 p. m.—George McMurney's Columbia Recording Orchestra, from Cole McElroy's Spanish Ballroom.
- THURSDAY, DECEMBER 20**
- 8:00 p. m.—Heaven Revelers.
  - 8:30 p. m.—Shannon Clay & Co., educational program.
  - 8:50 p. m.—Studio program.
  - 9:00 p. m.—Class hour, soloists' program.
  - 10:00 p. m.—Hilly's Revelers.
  - 10:30 p. m.—Broadway Theater Dance Frolic, under the direction of Max Bradley, from the lounge room of the Broadway Theater.
- FRIDAY, DECEMBER 21**
- 8:00 p. m.—Ferriss from Congregation Beth Israel.
  - 9:00 p. m.—Studio program, featuring Boulab Belle Smith, soprano.
  - 10:00 p. m.—George McMurney's Columbia Recording Orchestra, from Cole McElroy's Spanish Ballroom.
- SATURDAY, DECEMBER 22**
- 8:00 a. m.—I-F Club Crier.
  - After 8:15 p. m.—Silence for long-distance listeners.

- DAILY EXCEPT SUNDAY**
- 9:40 a. m.—Housekeeper's Chat by Ruth Adamsen.
  - 10:00 a. m.—Shopper's Guide by Verna Weller.
  - 11:45 a. m.—Luzie Palmer Weber, detittan.
  - 12:00 noon—Fattie Nash on crops and soils.
  - 12:15 p. m.—U. S. Farm Forum.
  - 2:00 p. m.—Portland News Matinee.
  - 5:15 p. m.—Topsy Turvy Times Club.
  - 6:00 p. m.—Dinner concert on the Heathman Hotel pipe organ.
  - 7:00 p. m.—Henson Hotel Orchestra, under direction of Nischa Pels.
- SUNDAY, DECEMBER 16**
- 12:30 p. m.—Portland Theater organ, Rex Stratton.
  - 1:30 p. m.—Four-Square Gospel Lighthouse service and orchestra concert.
  - 8:00 p. m.—Dinner concert on the Heathman Hotel pipe organ.
  - 8:30 p. m.—Ligmann-Wolfe Santa Claus Special to Toyland.
  - 7:00 p. m.—The Benham Hotel Orchestra.
  - 8:00 p. m.—First Church of Christ, Scientist, under the auspices of the Christian Science churches of Portland.

The essential features of these programs are identical with those sent by the stations.



STEPHEN J. GAYLORD

KGW

Portland, Oregon—620 Kc.

1000 WATTS—433.5 METERS THE MORNING OREGONIAN "Keep Growing Wiser"

DAILY EXCEPT SUNDAY

10:00 a. m.—Town Crier, weather reports, news items. 12:00 noon—Lunchtime Concert. 1:30 p. m.—NBC, London Time March.

5:30 p. m.—Freddy Lomon by Mlle. Radha Ivancheva. 6:30 p. m.—Studio program. 7:00 p. m.—Santa Claus program. 7:30 p. m.—NBC. 7:30 p. m.—Merrill Melody Boys. 8:00 p. m.—Historical drama. 8:30 p. m.—General Motors Corp. 9:00 p. m.—NBC. 9:30 p. m.—Studio music. 10:00 p. m.—NBC.

THURSDAY, DECEMBER 20

8:45 a. m.—Women's Getting-up Exercises. 11:00 a. m.—NBC. 1:00 p. m.—NBC. 3:00 p. m.—Town Talk by Geo. P. Simpson. 5:00 p. m.—Concert Trio. 6:45 p. m.—Rock 'n' Roll by Edward Montgomery. 7:00 p. m.—Sports Talk by J. Richardson. 7:15 p. m.—Tommy Labe's Flower Girls. 7:30 p. m.—NBC. 8:00 p. m.—General Motors program. 9:00 p. m.—NBC. 10:00 p. m.—Associated Oil program from KOMO. 11:00 p. m.—Dance Frolic.

FRIDAY, DECEMBER 21

7:15 a. m.—Y. M. C. A. Health Exercises. 10:00 a. m.—NBC. 5:00 p. m.—Town Crier. 5:30 p. m.—NBC. 6:30 p. m.—Studio. 6:45 p. m.—NBC. 7:00 p. m.—Santa Claus program. 7:00 p. m.—General Motors program. 7:30 p. m.—Merrill Melody Boys. 8:00 p. m.—NBC. 8:00 p. m.—Red and White Jesters. 8:30 p. m.—NBC. 10:00 p. m.—Studio concert. 10:30 a. m.—Fiesta of the Keep Growing Wiser Order of Good Deeds.

SATURDAY, DECEMBER 22

8:00 a. m.—NBC. 1:00 p. m.—Farmers' hour. 4:00 p. m.—NBC. 8:00 a. m.—General Motors program from civic auditorium. 8:00 p. m.—Program from KOMO, Seattle. 9:30 p. m.—NBC.

SUNDAY, DECEMBER 16

11:00 a. m.—Thruout Memorial Baptist Church. 1:00 p. m.—NBC. 2:00 p. m.—Studio concert. 3:00 p. m.—NBC. 4:00 p. m.—NBC. 5:00 p. m.—Talk on Modern Science. 6:15 p. m.—Studio hour. 6:45 p. m.—NBC. 7:15 p. m.—NBC. 8:00 p. m.—Studio concert. 8:00 p. m.—Music by the Concert Trio. 8:30 p. m.—Frost Fantasies. 10:00 p. m.—Little Symphony Orchestra.

MONDAY, DECEMBER 17

7:15 a. m.—Y. M. C. A. Health Exercises. 8:00 a. m.—NBC. 6:00 p. m.—Concert Trio. 6:30 p. m.—NBC. 7:30 p. m.—Studio music. 8:00 p. m.—NBC. 8:30 p. m.—NBC. 10:00 p. m.—Dan Seltzer's Beer and Colligates.

TUESDAY, DECEMBER 18

8:45 a. m.—Women's Getting-up Exercises. 10:00 a. m.—NBC. 10:30 a. m.—Town Crier. 2:00 p. m.—Ryder game. 3:00 p. m.—NBC. 7:00 p. m.—Paul's Ram program. 7:30 p. m.—Northam Bakery program. 8:00 p. m.—NBC. 8:30 p. m.—General Motors program from civic auditorium. 9:30 p. m.—Schubacher studio program, KOMO. 10:00 p. m.—Dance Frolic from KOMO.

WEDNESDAY, DECEMBER 19

7:15 a. m.—Y. M. C. A. Health Exercises. 8:00 a. m.—NBC. 10:00 p. m.—NBC.

\*See Page 82 for detailed National Broadcasting Company program



FRED J. HART

DAILY EXCEPT SUNDAY

10:00 a. m.—The Helpful Hour. 12:00 noon—News Items. 12:30 p. m.—Farm Market Report. 1:30 p. m.—Hart's News half hour. 1:30 p. m.—The Friendly hour. 7:30 p. m.—General Motors program. 8:30 p. m.—Fanchon's Style Chat. 8:00 p. m.—Sunshine Hour with W. K. 9:00 p. m.—Aunt Sammy talk; Some Economics (on Saturdays). 9:15 a. m.—Fifteen Minutes at Franco's. 9:30 a. m.—Pal's Big Brother Hour (on Saturday). 1:00 p. m.—U. S. D. A. Farm School (on Sat.). 6:00 p. m.—Farm Market reports and weather. 8:00 p. m.—Farmers' Exchange.

San Jose, California—1010 Kc.

KQW

CALIFORNIA FARM BUREAU STATION 500 WATTS—76.5 METERS FRED J. HART, Manager

7:30 p. m.—Farm Bureau Printing Radio News. 9:30 p. m.—Crop News from Sacramento Studio.

SUNDAY, DECEMBER 16

10:10 a. m.—Sunday School Lesson by Fred J. Hart. 11:00 a. m.—Bible Service First Baptist Church conducted by Rev. Paul H. Rabbin. 7:00 p. m.—Country Forum, Edward Martin Hallam. 7:30 p. m.—Evening Service, First Baptist Church, conducted by Rev. Paul H. Rabbin.

MONDAY, DECEMBER 17

8:00 p. m.—Veterans' Hospital program. 9:30 p. m.—Post-Box program.

TUESDAY, DECEMBER 18

8:00 p. m.—"Tom Nutter Can Tell" program.

WEDNESDAY, DECEMBER 19

8:00 p. m.—Post-Box program.

THURSDAY, DECEMBER 20

8:00 p. m.—Sam Jay Community Christmas program. 9:30 p. m.—Crop News from Sacramento Studio.

FRIDAY, DECEMBER 21

8:00 p. m.—Santa Rosa High School. 9:00 p. m.—Freddy's Talk program. 10:00 p. m.—Dynamite Talk program.

SATURDAY, DECEMBER 22

6:15 p. m.—Farm Market Reports and Weather. 7:00 p. m.—Studio program. 8:00 p. m.—Freddy's Talk program.

The essential features of these programs are identical with those sent by the stations.



GEORGE GODFREY

# KOMO

Seattle, Wash.—920 Kc.

FISHER'S BLEND STATION 323.9 METERS  
METROPOLITAN CENTER, SEATTLE  
Telephone Elliott 5890

DAILY EXCEPT SUNDAY

- 10:00 a. m.—Inspirational Services.
- 10:15 a. m.—Y. M. C. A. Health Exercises.
- 10:30 a. m.—"What to Prepare for Dinner."
- 11:00 a. m.—Organ music, solos, etc. (except Tuesday).
- 12:00 noon—Farm Flashes, Grain Reports, Music, News (except Monday).
- 12:30 p. m.—"Constantine Cook" and Irena Marshall.
- 1:00 p. m.—Totem Concert Orchestra and soloists.
- 4:45 p. m.—Allent Period.
- 5:00 p. m.—Kiddies' program.
- 5:30 p. m.—Stocks and Bonds, News.
- 6:00 p. m.—Totem Concert Orchestra and soloists (except Friday).
- 6:00 p. m.—NBC, Longitude Time Signal.
- 10:00 p. m.—Totem Dance Orchestra. Late news flashes (except Wed., Fri. and Sat.).

Lynch: "Something About Everything."

- 8:30 p. m.—NBC.\*
- 9:00 p. m.—Schubert's Little Symphony; Sup., VerOna Koculofsky.

WEDNESDAY, DECEMBER 19

- 8:00 a. m.—NBC.\*
- 10:30 a. m.—NBC.\*
- 6:30 p. m.—NBC.\*
- 7:30 p. m.—Totem Concert Orchestra.
- 8:00 p. m.—NBC.\*
- 9:30 p. m.—Pacific Fruit Alaska Hour.
- 10:30 p. m.—Symphony-Rhythmists.

THURSDAY, DECEMBER 20

- 11:30 a. m.—NBC.\*
- 6:00 p. m.—NBC.\*
- 8:30 p. m.—Totem Concert Trio: "Something About Everything," mezzo soprano, Irena Marshall.
- 9:00 p. m.—NBC.\*
- 9:30 p. m.—Totem Concert Orchestra.

FRIDAY, DECEMBER 21

- 10:30 a. m.—NBC.\*
- 6:00 p. m.—NBC.\*
- 7:00 p. m.—Totem Concert Orchestra; Irena,
- 8:00 p. m.—NBC.\*
- 9:00 p. m.—"Evening News."
- 9:30 p. m.—NBC.\*

SATURDAY, DECEMBER 22

- 8:00 a. m.—NBC.\*
- 8:00 p. m.—NBC.\*
- 8:00 p. m.—Totem Little Symphony;
- 9:00 p. m.—NBC.\*
- 9:00 p. m.—Totem Concert Orchestra;

- SUNDAY, DECEMBER 18
- 10:00 a. m.—International Bible Students Association.
  - 11:00 a. m.—Plymouth Congregational Church.
  - 12:20 p. m.—Fifth Ave. Theater Organ Concert.
  - 1:00 p. m.—Musical Program, under auspices of Seattle Y. M. C. A.
  - 1:30 p. m.—NBC.\*
  - 2:00 p. m.—Stoneway Tabernacle.
  - 2:30 p. m.—Hilary Church Question Box.
  - 3:00 p. m.—NBC.\*
  - 3:00 p. m.—Totem Sunday Orchestra; University Christian Church Quartet.
  - 6:15 p. m.—NBC.\*
  - 8:00 p. m.—First Church of Christ, Scientist.
  - 8:00 p. m.—NBC.—Atwater Kent Artists.

MONDAY, DECEMBER 17

- 6:00 a. m.—NBC.\*
- 9:00 a. m.—Totem Concert Trio.
- 6:30 p. m.—NBC.\*
- 7:30 p. m.—Totem Concert Orchestra; Col. Sop., Agatha Turkey.
- 8:00 p. m.—NBC.\*
- 9:30 p. m.—Totem Concert Orchestra; Late News.
- 10:00 p. m.—Totem Concert Orchestra; Col. Sop., Agatha Turkey.
- 11:00 p. m.—Fifth Ave. Theater Frolic.
- 12:00 midnight—Totem Concert Orchestra;

TUESDAY, DECEMBER 18

- 10:30 a. m.—NBC.\*
- 5:45 p. m.—News Flashes.
- 8:00 p. m.—NBC.\*
- 8:00 p. m.—Totem Concert Orchestra; Tenor, Fred

\*See Page 52 for detailed National Broadcasting Company program.



CARL E. HAYMOND

# KMO

Tacoma, Wash.—1340 Kc.

500 WATT WESTERN ELECTRIC—223.1 METERS  
Owned by KMO, Inc.  
Hotel Winthrop

Carl E. Haymond  
Manager and Chief  
Announcer  
J. A. Murphy  
Commercial Manager  
Jane Morse  
Studio Director  
Marlo Mahon  
Asst. Studio Director  
J. D. Kolesar  
Chief Technician

DAILY EXCEPT SUNDAY

- 8:00 a. m.—KMO Early Birds.
- 9:30 a. m.—Boys' program.
- 10:00 a. m.—News Flashes and Time Signals.
- 10:30 a. m.—Home Economics.
- 10:45 a. m.—Town Crier and music.
- 11:00 a. m.—Newscasting.
- 8:15 p. m.—Sports Review.
- 5:30 p. m.—M. Y. M. C. Orchestra (except Tues., Thurs. and Sat.).

MONDAY, DECEMBER 17

- 5:00 p. m.—O. H. Clow program.
- 6:00 p. m.—The Shoppers.
- 6:30 p. m.—Luxury program.
- 7:00 p. m.—Classical Naxos program.
- 7:30 p. m.—Jane Morse, blues; Dorothy Lyons, accompanist.
- 8:15 p. m.—Book Chat by Mrs. Pave Homer.

TUESDAY, DECEMBER 18

- 8:00 a. m.—Classical Naxos program.
- 9:00 a. m.—Elks Meeting Fillers variety program.

WEDNESDAY, DECEMBER 19

- 8:00 p. m.—O. H. Clow program.
- 6:00 p. m.—Tacoma Auto Supply program.
- 6:30 p. m.—Luxury program.
- 7:00 p. m.—Classical Naxos program.
- 7:30 p. m.—Union Service Hour.
- 8:00 p. m.—The Shoppers.

THURSDAY, DECEMBER 20

- 8:00 p. m.—Classical Naxos program.
- 10:00 p. m.—Tacoma Auto Supply program.
- 9:30 p. m.—Union Service hour.
- 10:00 p. m.—O. H. Clow program.
- 11:00 p. m.—Dance program.

FRIDAY, DECEMBER 21

- 8:00 p. m.—O. H. Clow program.
- 6:00 p. m.—Luxury program.
- 6:30 p. m.—Jane Morse and Hugh Helms, blues.
- 7:00 p. m.—Classical Naxos program.
- 7:30 p. m.—Circle program.
- 8:00 p. m.—Hotel Winthrop Trio; Orda Tollefson, soloist.

SATURDAY, DECEMBER 22

- 8:00 p. m.—Naxos classical program.
- 9:00 p. m.—Tacoma Auto Supply program.
- 9:30 p. m.—Union Service hour.
- 8:00 a. m.—Hotel Winthrop Trio; Orda Tollefson, piano Orchestra.

SUNDAY, DECEMBER 23

- 6:00 p. m.—Hotel Winthrop Trio.
- 7:00 p. m.—Dinner hour music.
- 7:15 p. m.—First Baptist Church.

The essential features of these programs are identical with those sent by the stations.

# KFOA

## Seattle, Wash.—1270 Kc.

238.1 METERS—1000 WATTS

Owned and Operated by Rhodes Department Store  
Arade Square, Seattle, Washington. Phone Main 6000

F. B. Gale, Station Manager. Ward J. Ireland and Ted McGrath, Announcers  
Charles Barnes and James Clark, Operators. Frederick G. Faringer, Musical Director  
Alfred Green, Commercial Manager

### DAILY EXCEPT SUNDAY

- 6:45 a. m.—Sunset's Musical Klock.
- 6:45 a. m.—Peanut Bread Half Hour.
- 9:15 a. m.—Organ recital.
- 9:45 a. m.—Aunt Sammie's Housekeeper's Chat.
- 10:00 a. m.—Rhodes Air News.
- 10:30 a. m.—Morning musical.
- 10:45 a. m.—Georgia O. George.
- 11:00 a. m.—Dorothy Neighbors, Menu Hints, etc.
- 12:00 noon—Organ Concert (except Fri. and Sat.).
- 12:15 p. m.—Farm Plashes, Cross, etc.
- 2:30 p. m.—Studio musical (except Thurs. and Sat.).
- 3:00 p. m.—Organ recital.
- 5:30 p. m.—News items, weather reports.
- 6:00 p. m.—Seasons Chimes, News Casting.
- 6:25 p. m.—KFOA Travel Service.
- 6:30 p. m.—Studio program.
- 7:30 p. m.—Elsaine Gearing, time signals.

### MONDAY, DECEMBER 17

- 11:15 a. m.—Morning musicale.
- 4:00 p. m.—Studio musicale.
- 6:00 p. m.—KFOA Travel Service.
- 7:30 p. m.—"Hatter Flowers Talk."
- 7:45 p. m.—"Industriarams."
- 8:00 p. m.—Studio program.

### TUESDAY, DECEMBER 18

- 12:15 p. m.—Farm Plashes, Livestock.
- 12:30 p. m.—Rhodes Club luncheon program from the Olympic Hotel.
- 7:00 p. m.—"Hogan Rowlers."
- 8:00 p. m.—Old Melodist broadcast.
- 8:00 p. m.—Organ recital of Popular Melodist.
- 9:30 p. m.—Radio Auction Bridge game.

### WEDNESDAY, DECEMBER 19

- 11:15 a. m.—Morning musicale.
- 12:30 p. m.—Rhodes Club luncheon program from the Olympic Hotel.
- 4:00 p. m.—Studio musicale.
- 6:30 p. m.—Studio program.
- 7:30 p. m.—"Sweet Moments."
- 8:00 p. m.—Studio program.
- 8:15 p. m.—KFOA Movie Club.
- 8:30 p. m.—"Notes from the Skipper's Log."
- 8:45 p. m.—Studio program.

### THURSDAY, DECEMBER 20

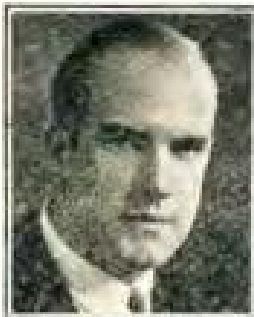
- 12:30 p. m.—Rhodes Club luncheon program from the Olympic Hotel.
- 6:00 p. m.—"4-H. Club Crier" and Primer for Town Farmers.
- 8:15 p. m.—Book Chat: Biographies.
- 9:00 p. m.—Trotter's Hour.

### FRIDAY, DECEMBER 21

- 10:30 a. m.—Morning musicale.
- 10:45 a. m.—Georgia O. George, Beauty Hints.
- 11:00 a. m.—Dorothy Neighbors, menu hints, by The Seattle Times.
- 11:15 a. m.—Morning musicale.
- 11:30 a. m.—Glinardell Choccolate program.
- 12:00 noon.—Members' Council luncheon program from the Chamber of Commerce.
- 7:00 p. m.—"Sweet Moments" with The Helen Ardele Candy Company.
- 8:00 p. m.—Hogan Rowlers.
- 8:30 p. m.—Hockey game: Seattle vs. Victoria.
- 10:30 p. m.—Hot Orbs from KGW.

### SATURDAY, DECEMBER 22

- 7:30 p. m.—Farm Science Smoshota.
- 7:45 p. m.—Pump Fire Girls' program.
- 8:15 p. m.—Boy Scouts' program.



ROBERT NICHOLS

# KJR

## Seattle, Washington—970 Kc.

5000 WATTS—308.1 METERS. Phone Main 2475

Operated by the American Broadcasting Co.  
604 Home Savings Building, 1525 Westlake Ave.

Robert Nichols  
Senior Announcer  
Royal Forbes  
Studio Director  
Arthur L. Fran  
Program Director  
John Marsh  
Pianist  
Clarence Clark  
Engineer

### SUNDAY, DECEMBER 16

- 10:00 a. m.—Studio program.
- 11:00 a. m.—Sacred Concert.
- 2:00 p. m.—American Sales Orch.: G. Donald Gray.
- 3:00 p. m.—Home Savings Building Trio.
- 4:00 p. m.—American Sales Orchestra: Virginia Strong and Hayden Morris.
- 5:00 p. m.—Cathedral Hour: Vesper Choir: American Artistic Ensemble.
- 6:00 p. m.—Maxine Theater of the Air, ABC.
- 7:00 p. m.—Violin recital, Peter Merembura.
- 7:30 p. m.—Novelty program.
- 8:00 p. m.—American Sales Orch.: soloists: Dorothy Lewis and Sydney Dixon, ABC.
- 9:00 p. m.—American Sales Orch.: Virginia Strong, G. Donald Gray and Hayden Morris, ABC.

### MONDAY, DECEMBER 17

- 2:00 p. m.—Studio program.
- 8:00 p. m.—Vic Meyers' Hotel Butler Orchestra.
- 8:45 p. m.—Novelty.

### TUESDAY, DECEMBER 18

- 6:00 p. m.—American Artistic Ensemble: soloists, Sydney Dixon and Virginia Strong.

### WEDNESDAY, DECEMBER 19

- 4:00 p. m.—Bridge Table.
- 4:20 p. m.—Gaza Hour program.
- 6:00 p. m.—Hawaiiian Sunshine Hour, ABC.
- 8:30 p. m.—Song Recital: G. Donald Gray and Sydney Dixon.

### THURSDAY, DECEMBER 20

- 8:00 p. m.—Artistic Ensemble: G. Donald Gray, solo.

### FRIDAY, DECEMBER 21

- 8:00 p. m.—Virginia Strong, soloist.

### SATURDAY, DECEMBER 22

- 3:00 p. m.—Ballot Box Audition.
- 6:00 p. m.—Vincent Kennedy Orchestra.
- 9:00 p. m.—Novelty program.
- 9:30 p. m.—Vic Meyers' Hotel Butler Orchestra.
- 10:30 p. m.—Charmed Land Quartet: Male Quartet.
- 11:00 p. m.—Show Boat Frolic, ABC.

### DAILY EXCEPT SUNDAY

- 6:45 a. m.—Vim, Vigor and Vitality.
- 7:45 a. m.—Recordings.
- 8:00 a. m.—The Golden Hour Orchestra.
- 9:00 a. m.—12:00 noon and 10:30 p. m.—Pacific Standard Time Signals.
- 9:00 a. m.—Mary Cooke, KJR Better Home Girl.
- 9:45 a. m.—Devotional Service.
- 10:00 a. m.—KJR Characteristic Hour.
- 11:00 a. m.—Variety program.
- 12:00 noon—Late News Events and Novelties.
- 12:30 p. m.—American Sales Orchestra, under direction of Frances Louie (ex. Monday and Saturday).
- 1:30 p. m.—Song Recital.
- 2:00 p. m.—ABC, Artistic Ensemble (except Monday).
- 3:00 p. m.—American Sales Orchestra (ex. Sat.).
- 4:30 p. m.—First Hour (except Wednesday).
- 5:00 p. m.—Request Hour (except Tuesday and Friday).
- 5:00 p. m.—Special Announcements.
- 6:15 p. m.—Theatrical Review, News, Sports, etc.
- 6:30 p. m.—The Catalysts (ex. Tues. and Wed.).
- 8:15 p. m.—Red Cross (except Saturday).
- 7:00 p. m.—Twilight Hour program (ex. Mon. & Wed.).
- 8:00 p. m.—American Symphony Orchestra (ex. Wed.).
- 10:00 p. m.—Hotel Butler Rose Room Dance Orchestra.

The essential features of these programs are identical with those sent by the stations.



CECIL P. UNDERWOOD  
Chief Announcer

# KHQ Spokane, Washington—590 Kc.

1000 WATTS—685.2 METERS

LOUIS WABNER, INC., Standard Stock Exchange Bldg.  
Telephone Main 4442

### DAILY EXCEPT SUNDAY

- 6:45 a. m.—Bailey's Period of 1 1/2 and 2 a. m. (except Wednesday)
- 7:30 a. m.—Schultz Musical Kiosk (except Wednesday)
- 8:30 a. m.—Inland Empire Road Reports (except Wednesday)
- 9:00 a. m.—Household Service, Tall & Gibb (except Wednesday and Friday)
- 10:00 a. m.—Sara Leigh's Hour with Women (except Wednesday)
- 11:00 a. m.—Farmers' Service Hour (except Tuesday)
- 12:00 noon.—The Diamond Hour (except Tuesday)
- 12:30 p. m.—The Majestic Tenor and His Banjo (except Tuesday)
- 1:00 p. m.—Miss Modern
- 1:30 p. m.—Fur Parts
- 2:00 p. m.—Washington Home Service Hour (except Tuesday and Friday)
- 3:00 p. m.—Kubler Concert
- 3:30 p. m.—Stewart Musical Program

- 4:30 p. m.—Paint o' Mine Period
- 4:30 p. m.—Bailey's Concert
- 5:00 p. m.—Service Hour (except Friday)
- 6:00 p. m.—Mahlon Merrick's Concert Orchestra (except Wed., Thurs. and Fri.)
- 12:30 p. m.—Dessert Hotel (except Monday, Wednesday and Friday)

### SUNDAY, DECEMBER 16

- 10:30 a. m.—Children's Sunday School program
- 11:00 a. m.—Central Methodist Episcopal Church
- 1:30 p. m.—NBC.\*
- 5:00 p. m.—Bailey's Concert
- 8:30 p. m.—International Bible Students
- 6:15 p. m.—NBC.\*
- 7:15 p. m.—Dunn and McCarths
- 7:30 p. m.—NBC.\*
- 8:00 p. m.—Santa Claus
- 8:00 p. m.—NBC.\*
- 10:00 p. m.—City Service Little Symphony

### MONDAY, DECEMBER 17

- 6:30 a. m.—NBC.\*
- 6:30 p. m.—NBC.\*
- 7:30 p. m.—Musical programs
- 8:00 p. m.—NBC.\*
- 10:00 p. m.—Dessert Hotel

### TUESDAY, DECEMBER 18

- 12:00 noon.—Chamber of Commerce Luncheon
- 6:30 p. m.—NBC.\*
- 7:30 p. m.—Dinner concert, sports
- 8:00 p. m.—NBC.\*
- 8:30 p. m.—Gleasons Orchestra
- 10:00 p. m.—Dance music by Mahlon Merrick and his orchestra

### WEDNESDAY, DECEMBER 19

- 6:00 a. m.—NBC.\*
- 9:30 a. m.—Musical Kiosk

\*See Page 52 for detailed program of National Broadcasting Company.

- 8:30 a. m.—Sara Leigh's hour with women
- 10:30 a. m.—NBC.\*
- 4:00 p. m.—E. Andre Ist.
- 6:30 p. m.—NBC.\*
- 7:30 p. m.—Santa Claus
- 7:45 p. m.—Dinner concert, sports
- 8:00 p. m.—Hilkie Lemons
- 8:30 p. m.—NBC.\*
- 8:30 p. m.—Standard Stock Exchange Bldg. program
- 10:30 p. m.—Dessert Hotel

### THURSDAY, DECEMBER 20

- 6:00 a. m.—NBC.\*
- 6:30 p. m.—Mahlon Merrick's Concert Orchestra
- 7:00 p. m.—Musical programs
- 7:30 p. m.—NBC.\*
- 8:30 p. m.—Crecenta Old Favorites
- 9:30 p. m.—NBC.\*
- 10:00 p. m.—Associated Off from KOMO
- 11:00 p. m.—Dance music by Mahlon Merrick and his Orchestra

### FRIDAY, DECEMBER 21

- 6:30 a. m.—Holiday notes
- 9:00 a. m.—The Chocolate Girl
- 2:00 p. m.—Musical program
- 6:30 a. m.—NBC.\*
- 8:30 p. m.—Dinner concert, sports, etc.
- 7:30 p. m.—Santa Claus
- 7:30 p. m.—Musical program
- 8:00 p. m.—NBC.\*
- 10:00 p. m.—Dessert Hotel

### SATURDAY, DECEMBER 22

- 6:00 a. m.—NBC.\*
- 6:00 p. m.—NBC.\*
- 8:00 p. m.—Dinner concert, sports, etc.
- 9:00 p. m.—NBC.\*

Makers of Highest Quality  
Condensators and Resist-  
ors that are built  
— To En-  
dure.

AEROVOX

70-C WASHINGTON ST., BROOKLYN, N.Y.

Write for  
the Research  
Worker, a free  
monthly publication.  
A post card puts your  
name on the mailing list.



## Timely Trade Topics

Harry A. Ungar and Irving D. Watson, President and Secretary-Treasurer, respectively, of Ungar & Watson, Inc., distributors in Southern California and Arizona for Majestic Electric Radio, are now in Chicago attending a convention of Majestic distributors. While in Chicago they will inspect the new additions now being built to the six great Majestic factories and will discuss plans for continuing Majestic in its unquestioned position as leader of the entire radio industry.

Stockholders of the Polymet Manufacturing Company have authorized an increase in the company's no par value capital stock from 30,000 to 60,000 shares. Of this increase, 15,000 shares are to be issued to stockholders to whom rights will be given to subscribe in the ratio of one share of new stock for each two shares of the old stock held, at \$20 a share. The right to subscribe goes to those who were holders of shares as of the close of business (November 23) and the subscription rights expire December 5.

The Radio Products Sales Company, under the supervision of C. F. Sexton, announces their new location in the Stack building, room 214, at Fourth and Broadway. The Premier "7" Electric Chassis, using 227 and 191A tubes, is on display. C. F. Sexton invites his many friends to take note of his phone, TUcker 5632, for future reference.

To assist the home set building and the average set user who is having trouble with his set the Radio College of California has arranged to broadcast answers to any question that may be sent in over station KTM, formerly KNRC, every Monday and Friday afternoon, between 4 and 5. All that is necessary for you to do is to write your question to the Radio College of California, 921 West Sixth street, and they will give you the answer over the air.

The Radio Cabinet Company of 2511 Compton Avenue, Los Angeles, one of the newest and most complete manufacturing plants of radio furniture in Los Angeles, are showing some most unusual novelties in the way of radio tables and cabinets.

The Paramount Radio Company, manufacturers of the Paramount Six-tube all electric radio, are now occupying their new quarters at 1805 W. Seventh street, Los Angeles, their manufacturing plant, as well as their attractive display and demonstration rooms, now located at this address. From the manner in which the dealers are taking on this set, it is evidently finding favor with the radio public.

The radio industry and Radio Doings wish to extend their sympathy to Mr. Edward Sherman, of L. J. Meyberg Co., in his bereavement at the loss of his wife on Sunday, Dec. 9th.

## Q and A

(Continued from Page 23)

ger upon the retina for an appreciable moment after they no longer exist.

Now, I imagine you are wondering why this type of current is used by the power and light companies instead of a steady direct current. It is because we cannot transform direct current from one voltage to another, but must generate it, transmit, and use it and the original voltage. Hence, if we were to attempt to bring electrical energy from a great distance at 110 volts, the wires would have to be solid copper as big around as a barrel, in order to carry the current in amperes. But with alternating current, transformers will step the voltage up to 200,000 volts with a corresponding decrease in the current since the actual power is the product of amperes and volts. Only small conductors are then needed to carry a comparatively small current at such great pressure. Then when we reach our destination, transformers will again step the voltage down to 110 and make available the many thousands of amperes of current which meet our power and light needs.

### EXPERT REPAIRING

At Reasonable Rates

Speaker Units and Audio Transformers Rewound

A. W. COOPER

1315 1/2 W. 39th St.

VERmont 0767

The essential features of these programs are identical with those sent by the stations.



FREEMAN H. CALDWELL

**KOA**

**Denver, Colorado—830 Kc.**

12,500 WATTS—361.2 METERS. GENERAL ELECTRIC CO.  
Pacific Standard Time

"Rocky Mountain Broadcasting Station"

DAILY EXCEPT SUNDAY

- 10:00 a. m.—Farm and Home Hour, NBC (except Saturday).
- 10:45 a. m.—Hearst over the Telephone
- 11:00 a. m.—Time Signals
- 11:01 a. m.—Weather, Stocks, etc.
- 11:15 a. m.—Organ Recital.

- 7:30 p. m.—United States National Bank program.
- 8:00 p. m.—The Noveltty Shop.
- 8:30 p. m.—Over the Garden Wall—A Monastery Garden.
- 9:00 p. m.—KOA Mixed Quartet singing Christmas carols.

**SUNDAY, DECEMBER 16**

- 9:50 a. m.—Service of First Congregational church, Denver.
- 1:00 p. m.—Dr. S. Parker Colman, NBC.
- 2:00 p. m.—Arcadia Matinees, concert violinist, NBC.
- 3:00 p. m.—Season Parade, NBC.
- 3:30 p. m.—Western Audio Terakans, NBC.
- 4:00 p. m.—Punchy Winkle program.
- 4:30 p. m.—Musical program.
- 4:45 p. m.—Jazz-Schmieder Crystal Studio.
- 5:15 p. m.—Culler's Hour, NBC.
- 6:15 p. m.—Answer Kert Hour, NBC.
- 7:15 p. m.—National Light Opera Co., NBC.
- 8:15 p. m.—Flower Time.

**MONDAY, DECEMBER 17**

- 3:30 p. m.—A. C. Gilbert program, NBC
- 4:30 p. m.—Stocks, markets, livestock, produce and news bulletins.
- 8:30 p. m.—Hickstone program, NBC.
- 8:30 p. m.—Automatic Duo Disc program, NBC.
- 8:30 p. m.—Strawberry Music
- 8:30 p. m.—General Motors Family Hour, NBC.
- 7:30 p. m.—General Electric Hour, featuring Denver Concert Orch. and General Electric Male quartet.
- 8:30 p. m.—KOA Players, presenting "The Last Lady," by Lucas.
- 9:00 p. m.—Ada Marie Pastor, soprano, with KOA Orchestra.
- 9:30 p. m.—Reese Popular quartet

**TUESDAY, DECEMBER 18**

- 11:15 a. m.—Organ recital, Marjorie Nash.
- 1:30 p. m.—American Bridge game, NBC.
- 3:00 p. m.—A Recipe a Day.
- 3:05 p. m.—Our Trip Around the World—in France.
- 4:00 p. m.—Morley Singers, NBC.
- 3:30 p. m.—The Healy Alf Weavers, NBC.
- 5:30 p. m.—Farm Question Box, George C. Wheeler, editor, Western Farm Life.
- 6:00 p. m.—Eveready Hour, NBC.
- 7:00 p. m.—Chevrolet Club Kaldner, NBC.
- 7:20 p. m.—Answers on Financial Questions by Rosworth, Chantre, Jacobbridge & Co.
- 7:30 p. m.—Nick Pallasi and his Apollo Ball Room Area.
- 8:00 p. m.—Second U. S. Engineers Band, Ft. Logan, Colo.
- 8:30 p. m.—Ben Berale's Hotel Roosevelt Orchestra, NBC.

**WEDNESDAY, DECEMBER 19**

- 3:00 p. m.—Stocks, markets, livestock, produce and news bulletins.
- 5:30 p. m.—Brown Palace Hotel Orchestra.
- 6:00 p. m.—Jazzine Troubadours, NBC.
- 8:30 p. m.—Palmetto Hour, NBC.

**THURSDAY, DECEMBER 20**

- 7:45 a. m.—Time Products, NBC.
- 1:00 p. m.—A Recipe a Day.
- 3:05 p. m.—Thursday Afternoon musicals.
- 3:30 p. m.—"The Denver Post Stylogram," sponsored by the Denver Post.
- 3:45 p. m.—Musical program.
- 5:00 p. m.—Forsyth Song Shop, NBC.
- 5:30 p. m.—Brown Palace Hotel Orchestra.
- 6:00 p. m.—Sobering, Sinatra, NBC.
- 6:30 p. m.—Maxwell House Coffee Hour, NBC.
- 7:00 p. m.—Halcyon Stuart, NBC.
- 7:30 p. m.—Extension Service, Colorado Agricultural college.
- 8:00 p. m.—Nick pallasi and his Apollo Ball Room Area.

**FRIDAY, DECEMBER 21**

- 8:00 a. m.—RCA—Walter Damrosch and Orchestra, NBC.
- 9:00 a. m.—KOA Shopping Hour.
- 12:00 noon—Forsyth's program.
- 1:00 p. m.—A Recipe a Day.
- 3:05 p. m.—"Housewife's" matinee—KOA Players in a Christmas play by Helen Merrick.
- 4:00 p. m.—Great Moments in History, NBC.
- 4:30 p. m.—Stocks, markets, livestock, produce and news bulletins.
- 4:55 p. m.—Road reports—Motor Club of Colorado.
- 5:30 p. m.—Coke Service Orchestra and Cavaliers, NBC.
- 6:00 p. m.—Writer Review, NBC.
- 6:30 p. m.—Sixteen Singers, NBC.
- 7:00 p. m.—Strawberry-Carlson, NBC.
- 7:30 p. m.—Answers on Financial Questions, by Rosworth, Chantre, Jacobbridge & Co.
- 7:45 p. m.—The Solitaire Cowboys.
- 8:00 p. m.—Vincent Lopez and his Hotel St. Regis Dance Orchestra, NBC.
- 9:00 p. m.—The Music Album—Christmas songs.
- 9:30 p. m.—Stage 1919.

**SATURDAY, DECEMBER 22**

- 11:15 a. m.—Organ recital, Marjorie Nash.
- 11:30 a. m.—RCA Demonstration Hour, NBC.
- 4:00 p. m.—Vincent Lopez and his Hotel St. Regis Dance Orchestra, NBC.
- 4:45 p. m.—"Week of the World's Business," Dr. Julius Klein, NBC.
- 5:00 p. m.—National Orchestra, Walter Damrosch, director, NBC.
- 6:00 a. m.—Pollen Hour, NBC.
- 7:00 p. m.—Lucky Strike Hour, NBC.
- 8:00 p. m.—Preview of International Sunday School lesson, the Rev. William O. Rogers.
- 8:30 p. m.—Bill Graham's Hotel Cosmopolitan Orch.

Applause cards make it easy to show your appreciation for radio entertainment. RADIO DOINGS will mail you a quantity free on request.

**Transformers and Choke Coils for A. C. Operation**

We Carry a Complete Line in Stock or Will Build to Your Specifications

8114 South Central CRITTENDEN TRANSFORMER WORKS Delaware 0561

# Radio Doings

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

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

*Los Angeles Office*  
**HORWOOD PUB. CO.**  
 407 East Pico Street  
 Westmore 1401

*San Francisco Office*  
**CONGER & MOODY**  
 1207-8 Hearst Bldg.  
 Kearney 8483

**CLOYD MARSHALL, JR.**  
*Editor*

**GEORGE W. MARSHALL**  
*Business Manager*

**K. G. ORMISTON**  
*Technical Editor*

**MAJ. LAWRENCE MOTT**  
*Associate Editor*

Copyright, 1928, by Horwood Publishing Co.

## CONTENTS

Radio and More of It!.....	5	Questions and Answers.....	41
Radio Topics of the Day.....	13	Trade News.....	44
Studio News.....	17	Short Wave Club.....	42
DX Club.....	23	Stations Sharing Time.....	42
"How Come Side-Bands?".....	33	Directory of So. Calif. Stations.....	47
New Kennedy Models.....	38	Schedule of DX Stations.....	50

## DIRECTORY OF DETAILED PROGRAMS

Call Letters	Location	Meters	Page	Call Letters	Location	Meters	Page
KEJK...	Deverly Hills, Cal.	239.9	72	KHQ...	Spokane	508.2	90
KELW...	Burbank, Cal.	384.4	66	KJR...	Seattle	309.1	89
KEX...	Portland	254.1	86	KMIC...	Inglewood, Cal.	267.7	68
KFI...	Los Angeles	468.5	56	KMO...	Tacoma	223.7	88
KFOA...	Seattle	236.1	89	KMTR...	Hollywood	526	61
KFON...	Long Beach	239.9	72	KNX...	Hollywood	285.5	60
KFQZ...	Los Angeles	353.7	68	KOA...	Denver	361.2	93
KFRC...	San Francisco	491.5	82	KOIN...	Portland	319	36
KFSD...	San Diego	499.7	76	KOMO...	Seattle	325.9	88
KFSG...	Los Angeles	267.7	84	KPCB...	Seattle	247.8	92
KFWB...	Hollywood	315.6	64	KPLA...	Los Angeles	526	61
KGA...	Spokane	204	92	KPSN...	Pasadena	315.6	85
KGEF...	Los Angeles	230.6	74	KQW...	San Jose	296.9	87
KGER...	Long Beach	218.8	74	KTAB...	Oakland, Cal.	234.2	84
KGFH...	Glendale, Cal.	299.8	64	KTBI...	Los Angeles	230.6	70
KGFJ...	Los Angeles	211.1	70	KTM...	Santa Monica	384.4	66
KGO...	Oakland	319.5	80	KPO...	San Francisco	440.9	78
KGW...	Portland	483.6	87	KYA...	San Francisco	243.8	85
KHJ...	Los Angeles	333.1	58	National Broadcasting Co.			52

**THE PACIFIC COAST'S GREAT RADIO WEEKLY**  
**DELIVERED TO YOUR HOME 52 WEEKS**  
**FOR ONLY \$3.00—SAVE \$2.20**

Radio Doings, 407 East Pico Street, Los Angeles, California:  
 Enclosed is \$3.00. Please mail Radio Doings each week for one year to my address.

Name.....

Address.....



# BIG RADIO TUBE SHORTAGE

Yes, We Know It

## BUT

That's Where

## HORN'S RADIO TUBE SERVICE

Comes In

*"You'll Find It at Horn's"*

MEANS

## HORN HAS

All Sizes

## RADIO TUBES

For

## IMMEDIATE DELIVERY

*All Tubes We Sell Carry Full Factory Guarantee*

*Distributors*

CUNNINGHAM · RAYTHEON · WESTINGHOUSE

## HERBERT H. HORN

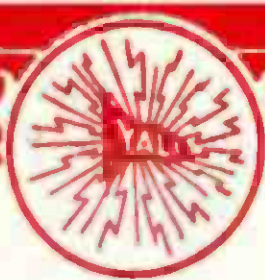
Westmore 6331

1629 S. Hill St.

Los Angeles

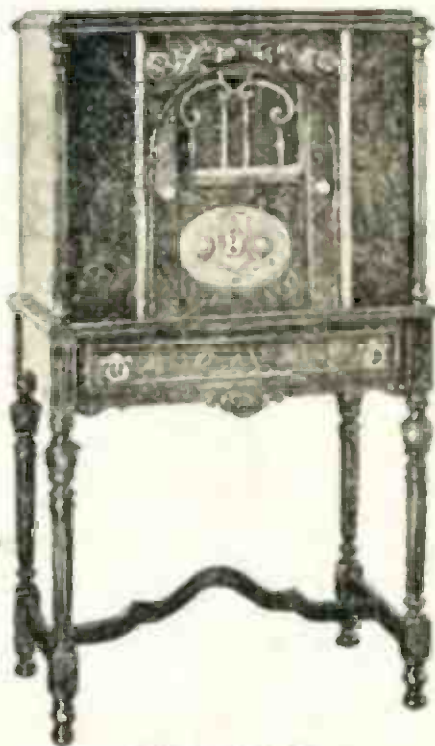
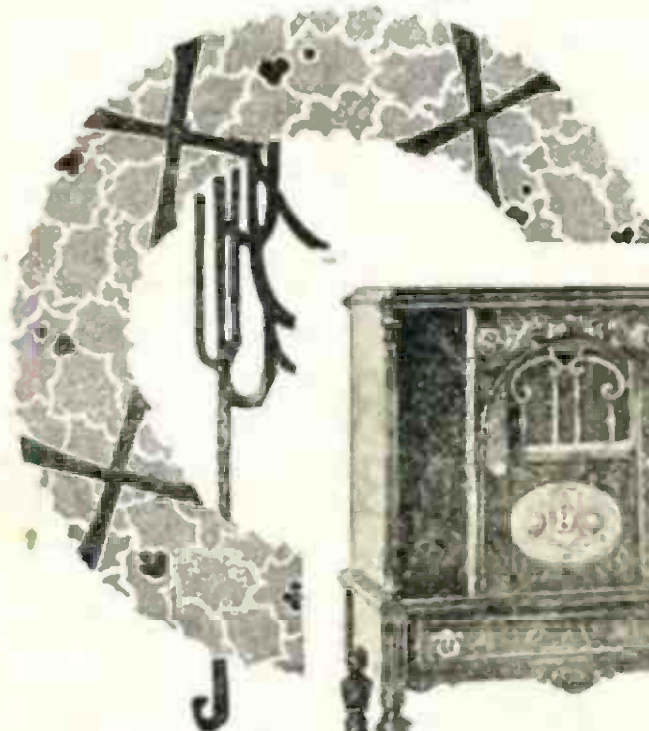


# APEX



# RADIO

The Ideal Christmas Gift for the Whole Family



A wise choice would be the Model 336 Apex Console equipped with the Jensen A. C. Dynamic Speaker at \$199.50 less tubes

Model 336

Other Apex Sets may be had as low as \$87.50.

*See Any Authorized Apex Dealer*

## Yale Radio Electric Co.

*Exclusive Wholesale Distributor*

1111 Wall Street

LOS ANGELES

Westmore 3351

**This file including all text and images are from scans of a private personal collection and have been scanned for archival and research purposes. This file may be freely distributed, but not sold on ebay or on any commercial sites, catalogs, booths or kiosks, either as reprints or by electronic methods. This file may be downloaded without charge from the Radio Researchers Group website at <http://www.otrr.org/>**

**Please help in the preservation of old time radio by supporting legitimate organizations who strive to preserve and restore the programs and related information.**