

# RADIO DOINGS

RED BOOK OF RADIO

*The Radio Authority  
of the  
Pacific Coast*

10¢  
WEEKLY



Virginia Flohri, Coloratura Soprano

Vol. XI

JULY 10-16, 1927

No. 2

*Operated Direct from Your Light Socket*

# **CROSLEY**

## **Batteryless Radio**

1927's BIG CONTRIBUTION—Radio's most revolutionary development! Operated directly from house current outlet. Transforms ordinary alternating current into smooth, quiet A-B-C power as you need it.

You can now experience real radio entertainment, enjoyment, pleasure with power supply annoyances and expense ended for all time. A snap of the switch is the only demand radio need make upon you from NOW ON.

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- No more upsetting the home for service

**Complete with Accessories \$85 to \$185**

See these wonderful Sets at your nearest Crosley Dealer's.  
He will gladly give you a demonstration!

*We Are Wholesale Distributors Of:*

CROSLEY RADIO — BURGESS BATTERIES  
CUNNINGHAM TUBES — MAJESTIC ELIMINATORS  
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[[ Located in the Hollywood  
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This Makes "Your Friend In Hollywood"  
**The Station That Tops the List**

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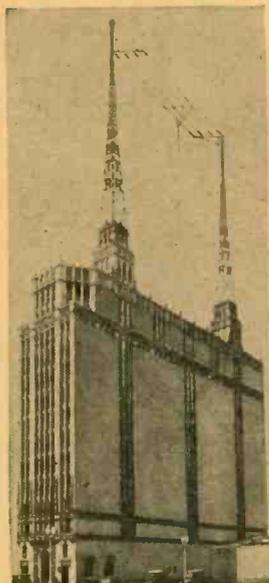
UNIVERSITY OF SOUTHERN CALIFORNIA—  
Remote Control—Daily Except Saturday  
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BREAKFAST CLUB every Friday morning, 8:30  
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RUTH ROLAND every other Thursday night,  
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CHARLIE WELLMAN, "Don't Go 'Way Folks"  
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LOREN POWELL, Little Symphony, Sunday  
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Kearney 8483

# Radio Doings

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

407 East Pico Street, Los Angeles, Calif.

Phone WEStmore 1401

H. C. CHARLES  
*Editor*

J. S. MILLER  
*Associate Editor*

**"The Red Book of Radio"**

K. G. ORMISTON  
*Technical Editor*

MAJ. LAWRENCE MOTT  
*Associate Editor*

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Vol. XI.

Los Angeles

JULY 9, 1927

San Francisco

No. 2

## Summer Reception Good

The radio engineers of the world have been working steadily for many years to perfect both transmitting and receiving apparatus for commercial and public use.

While the commercial use of radio is of vast importance to all of us, we are more intimately associated with and interested in the broadcasting of music, news events and other phases of entertaining programs.

Most radio fans perhaps did not realize that reception last summer was vastly improved over that of the preceding summer. And listening in this summer is being accomplished with much more perfect results than last. This is not because there is not just as much atmospheric disturbance during each succeeding summer, but because the radio engineers have perfected both transmitting and receiving apparatus to a point where artificial and natural electro-static disturbances are almost entirely overcome.

You have been using your sets steadily all fall, winter and spring, and it is now time that you give your set a thorough renovation, just as you would clean out the accumulation from your house, with a little repairing and refitting to make the job a good one.

Go over your set and see that all the connections are firm. Be sure that your batteries are up to full voltage; if they are not, have them recharged or get new batteries or an eliminator. Have your tubes tested to see if they are giving you a maximum milliampere output; if they are not, have them rejuvenated or get new tubes. Make sure that your aerial has not corroded; if it has, either clean it or put up a new aerial.

Use your set this summer and you will get many enjoyable hours of entertainment.

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

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Name.....

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INFRADYNE  
SILVER MARSHALL SHIELDED SIX  
KARAS EQUIMATIC QUADRAFORMER  
HAMMARLUND HIQ MADISON MOORE  
SILVER COCKADAY II**

Thordarson Parts Now In Stock to Build an A and B Power Unit Using the New Raytheon 350 MA Tube

Acme and Thordarson Dry Raytheon Battery Chargers. These Use the Raytheon Cartridge Type Rectifier—No Tube nor Acid. We Can Also Furnish the New Kuprox Dry Metallic Rectifier for Trickle Chargers and Power Units

ALL PARTS IN STOCK NOW FOR  
"RAEHR'S 510" RECEIVER  
SEE CONSTRUCTIONAL DATA IN THIS ISSUE

Dealers: Park next door at our expense.

**RADIO SUPPLY CO.**  
WHOLESALE

912-914 S. Broadway

VA. 6063

Los Angeles

New 1927 Catalogue Now Ready—Send For It

# The RADIO SUPPLY CO.

Can fill your Parts orders. We distribute the best known quality lines and carry large stocks at all times to handle your needs.

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Bremer-Tully Products	H-K Solderdip Lugs	Stenite Eliminators
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Inquire About This Item

DEALERS: Park Next Door at Our Expense

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WHOLESALE

912-914 S. Broadway

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Los Angeles

New 1927 Catalogue Now Ready—Send for It

Put a Power tube  
 ( $\frac{1}{4}$  amp. ZP 201-A)  
 in *Every* socket—

Radio's sensational development has seen nothing more startling than the new ZP 201 A, oxide filament,  $\frac{1}{4}$  amp. Power Tube—the Zetka Process power tube for every stage.

Now for the first time, can power tubes be used in every socket for your set. Now you can enjoy real power. And *without changing a single wire!*

Replace your old 201 A's with a set of these new ZP 201 A's and enjoy the most startling achievement in tube history.

There is appreciable current saved, both A and B—it is not necessary to hook up additional C's—but what an improvement in tone, in volume, in sensitivity.



Only \$2.50 each at your nearest dealer puts a complete Power tube set well within your radio budget. And then, and then only you'll enjoy real radio satisfaction—with power tubes of longer life, that increase in efficiency as you use them.

*Ask your Zetka dealer to show you the Zetka Weston meter test. You'll want nothing but Zetka thereafter.*

Your Set Deserves This Finer Equipment—Prices No Higher

**ZETKA**  
 The Clear Glass Tube  
 ZETKA LABORATORIES INC.

73 Winthrop Street

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# Radio Topics of the Day

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

## WILL HAVE TO SHOW THEM

Conceded to be one of the wisest moves yet made by the Federal Radio Commission are the personal inspection trips they are making to their districts prior to further hearings on the reallocation of wave lengths.

Commissioner O. H. Caldwell's district comprises Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island, New York, New Jersey, Delaware, Maryland and the District of Columbia. Commissioner H. A. Bellows is responsible for Indiana, Illinois, Wisconsin, Minnesota, North Dakota, South Dakota, Iowa, Nebraska, Kansas and Missouri. Judge E. O. Sykes has allotted to him North Carolina, South Carolina, Georgia, Florida, Alabama, Tennessee, Mississippi, Arkansas, Louisiana, Texas and Oklahoma.

Chairman W. H. G. Bullard has under his personal supervision Pennsylvania, Virginia, West Virginia, Ohio, Michigan and Kentucky. Commissioner John F. Dillon, who is ill, has the western states and Pacific Coast.

### To See for Themselves

Just what provision will be made for Colonel Dillon's district is not yet known nor will it be possible because of limited appropriations and time for the other commissioners to visit every state in their respective zones, but certainly they will be able to visit the trouble centers. It is believed an evening's personal observation in a controversial district will furnish a commissioner with more real information than telegrams, reams of correspondence, or days of hearings.

For instance, one of the first things Commissioner Bellows will do when he reaches Minneapolis will be to settle down for a while in his old accustomed haunts and listen in to what is going on in that part of the country. This will tell him the story better than any formal hearing at Washington possibly could. And undoubtedly the other commissioners will follow suit.

When it comes to listening, Chairman Bullard is among the best. He once remarked, "I never go to bed at night until everything has closed down." Incidentally, Admiral Bullard will not leave Washington at the present time but, as he put it, "will sit on the lid" until the others return a month or so hence.

A double purpose to be served by the commissioners leaving Washington at this time is that for at least the next few weeks there will very likely not be a quorum present to enable any station to have a hearing, thus all stations, no matter how serious they believe their grievance to be will have to give the present set up a real trial before relief can be afforded. The argument of the commission is if they have to be constantly tinkering with the machine, no one will ever know how it works.

## LINDY'S WARSHIP WAS BUSY

Radio messages on the U. S. S. Memphis on her trip from Cherbourg, France to Washington, D. C., carrying Lindbergh, reached a total of 75,000 words. These were received and sent by the thirteen radiomen attached to the ship.

# HEXADYNE

Six-Tube Portable with Power Tube

**\$98.50 Complete**

Formerly \$150.00

**THE SET THAT IS SETTING THE PACE**



Single Dial Control—Loop Operated—Excellent Volume  
Fine Tone Quality

Sells With the Least Resistance Because it Performs Satisfactorily  
All Reliable Radio Dealers Sell Hexadynes

**HEAR THIS WONDERFUL SET**

*Exclusive Distributors*

**HOWARD RADIO DISTRIBUTING CO.**

6229 Banner Place

GL. 0807

LOS ANGELES

## Radio in the Hawaiian Islands

By R. B. YALE

How would you like to sit down at night and tune in programs from the Pacific Coast, Australia, New Zealand, and occasionally Japan on your radio set? That is the usual evening's list of stations that radio listeners have to choose from in one of Uncle Sam's outposts, the Hawaiian Islands.

The majority of people in the Islands are radio fans and are intensely interested in news and information from the mainland of the United States. When one considers that it is 2230 miles from Honolulu to Los Angeles, 3440 miles to Japan, and some 4420 miles to Sydney, Australia, one begins to realize that it takes a real radio set to reach out and bring in these stations.

As far as radio is concerned, the surface has only just been scratched, and there are still thousands of people in the Islands who do not own radio receivers; many of them have never listened in to a radio program.

Honolulu has one local station, KGU, owned and operated by Mr. M. A. Hulrony, and this station is on the air on an average of three nights each week. Radio artists are somewhat limited, and it is hard to keep up the interest in a local station. Phonograph records are used to some extent to fill in, but many excellent programs, especially of Hawaiian music, have been put on the air from KGU.

It is estimated that there are about eight or ten thousand radio sets throughout all of the Islands. Approximately 3,282 sets are located in the city of Honolulu; 1,900 of which are tube sets, the balance are small crystal sets, which are used to listen in to the programs presented over KGU, the local station.

Radio reception in the city of Honolulu proper is poor on account of a range of mountains that practically sur-

round the city. Favorable radio conditions are the rule on all of the Islands and on the windward side of Oahu. The radio listeners in all of the Islands are practically dependent on the mainland and Australia for their programs. Programs are received twenty-one and one-half hours earlier than the time of broadcasting in Australia and two and one-half hours earlier than they are scheduled in San Francisco. This sounds strange, but it is on account of the difference in time. Therefore, with good receiving sets, it is possible to enjoy radio programs from five o'clock in the evening on. For some reason, even though the distance is 4420 miles to Sydney, Australia, the stations there come in with good volume and clarity.

It is only a question of time before more broadcasting stations are erected in the Hawaiian Islands. These Islands are fast becoming a Mecca for tourists from all over the world, and their entrancing beauty leaves a lasting impression on the visitor. Radio men in Honolulu hope that shortly a station will be put up that will be able to broadcast programs that can be picked up with ease on the Pacific Coast and in other parts of the world.

There are many short wave amateur transmitters on the Islands and the Radio Corporation of America has a large plant that transmits wireless messages without relay to the mainland and other distant points. The Navy has several stations in operation. A company has been established which takes care of the inter-island wireless traffic.

All in all, it looks as though the Hawaiian Islands will shortly come into their own as far as radio is concerned, and that eventually we may have the pleasure of listening here in California to programs from this Paradise of the Pacific.

## KFI Broadcasts Starlit Symphony

KFI will broadcast the Hollywood Bowl Concert of Friday, July 8, at 8:15 p. m., announces Earle C. Anthony, owner of the station.



OLGA STEEB

This simple statement carries with it a promise of rarest entertainment. For six years the "Symphonies Under the Stars," as the annual Bowl season is poetically known, have attracted thousands of out-of-town visitors and hundreds of thousands of Southern Californians to the great natural amphitheatre in the hills of Hollywood. Beneath star-studded skies, nestled among the soft odors and scents of a Southern California night great conductors and soloists and one of the most important of orchestras interpret the masterpieces of music to audiences that often total more than 20,000.

No other one thing that Los Angeles possesses has so redounded to the city's

credit as has the Bowl season. It is a distinct asset to civic culture, and according to D. F. McGarry, president of the Chamber of Commerce is one of our most valuable means of advertising Southern California.

The broadcasting privileges to the Bowl have long been eagerly sought for by all stations and their delivery to KFI is in the nature of a high compliment to the prestige of the station and its operators. Conscious of the honor paid them, the executives of KFI have installed the most complete remote control equipment ever used on the Coast. Two input panels and two operators



ALFRED HERTZ

with more than a dozen microphones at their command will fade in and out the sounds of music of 100 players and the applause of 20,000 people.

An announcer seated at a vantage point will tell the radio audience of each minute detail, furnishing to the invisible

eyes of the audience a complete picture of one of the most famous sights in the world.

It is rumored that several other Starlit Symphonies will be broadcast during the season, although this has not been authenticated up to the moment of going to press.

The program for the broadcast concert of July 8, follows:

1. Symphony No. 5.....Tschalkowsky  
Intermission
2. Concerto in A Minor.....Schumann  
Olga Steeb, Pianist
3. Prelude and Finale to Tristan and  
Isolde.....Wagner  
Alfred Hertz, Conductor

Olga Steeb, the soloist, is one of the greatest pianists of the day. Her reputation is international. Her studio and home is in Los Angeles, and she is distinctly a Western product, so that it is particularly fitting that she should be heard on the inauguration of so important a feature as the Bowl broadcasting.

The bugaboo of a summer radio slump vanishes before the news of such a great feature.

### The Cover

The pencil sketch of Virginia Flohri, reproduced on the cover of this issue, was made by her famous father, Emil Flohri. Miss Flohri, one of the most distinguished radio stars of the West, has been released by KFI to sing the title role in the brilliant comic opera success, "The Geisha," at the Vine Street Theatre, Hollywood.

## IN NEXT WEEK'S ISSUE

Radio In Germany.  
A New Superheterodyne.  
Loftin-White Circuit.  
"Dialog" to help you find the  
Stations.

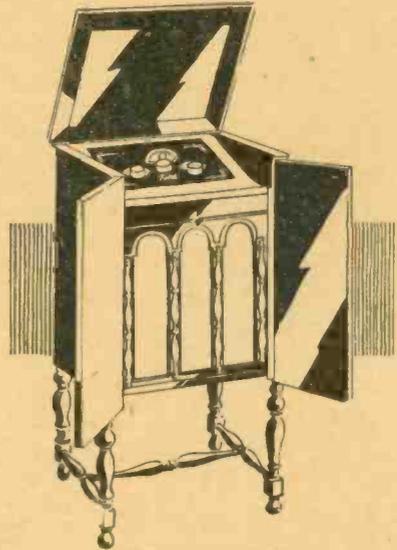
Watch for These Features!



# The Falck

NO BATTERY

# RADIO



for PERMANENT  
enjoyment

THE Falck No-Battery Radio incorporates advanced improvements that insure you an up-to-date receiving set for years. No batteries or chargers of any kind to bother with. Absolute accurate tuning with simple one-dial control. Built-in cone speaker—unequaled tone reproduction. All enclosed in a modish cabinet in mahogany or walnut.

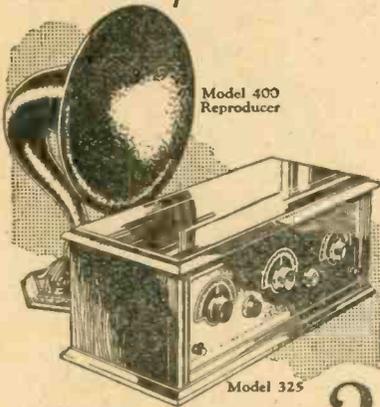
Phone MUtual 1724 or write the Advance Electric Company, 1260 West Second Street for name of nearest authorized Falck dealer.

\$150 Complete



# Stewart- Warner Matched-Unit RADIO

INSTRUMENT *plus* TUBES *plus*  
REPRODUCER *plus* ACCESSORIES



Model 400  
Reproducer

Model 325

## Why Wait?

Complete Radio Satisfaction is here in the Stewart-Warner achievement of **MATCHING** their Instrument *plus* their Tubes *plus* their Reproducer *plus* their Accessories, all to function in perfect unison.

You'll never know what complete radio satisfaction means until you own a Stewart-Warner Matched-Unit Radio. Why wait?

**Ungar & Watson, Inc.**

*Wholesale Distributors Stewart-Warner Radio*

*Wholesale Distributors  
Majestic "B" Eliminators*

1366 S. Figueroa St., Los Angeles

**TWELVE MILLION PEOPLE ARE TODAY  
USING STEWART-WARNER PRODUCTS**

*It's  
Guaranteed*

*C. A. Preston's*  
*Permanent*  
**Radio Ground.**

PATENT APPLIED FOR



## You'll Be Surprised at RESULTS!

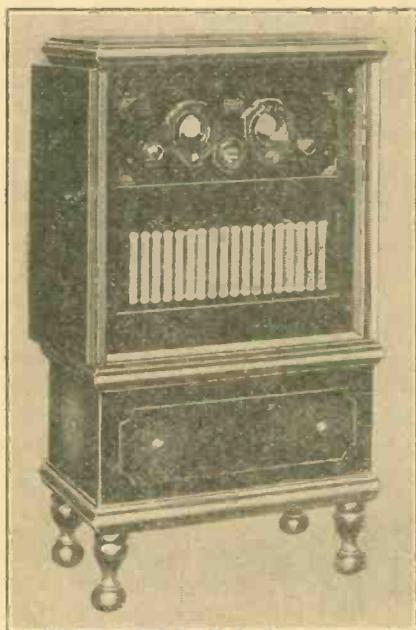
Thousands of Preston Grounds have been sold on the Pacific Coast to radio owners who are unanimous in saying that they never appreciated what good radio reception could be until they installed the Preston Permanent Radio Ground.

**ORDER ONE FROM  
YOUR DEALER  
TODAY**

**Ungar & Watson, Inc.**  
*Manufacturers*

1366 South Figueroa St.  
LOS ANGELES

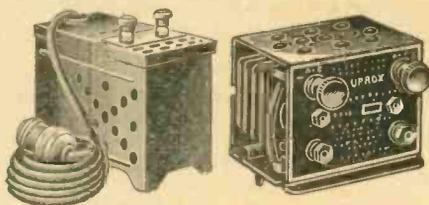
# A Radio Review



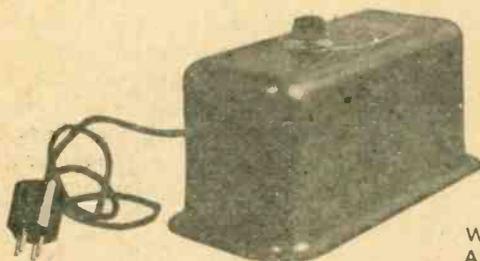
Steinite 6-Tube, No-Battery Receiver  
National Radio Supply Co.  
Los Angeles



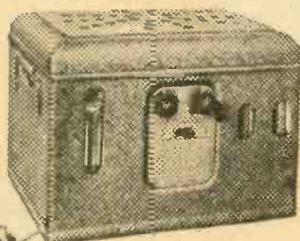
Zenith Model 12, 6-tube, single dial control; one of the latest additions to the Zenith line. Distributed by Chanslor & Lyon Co., Los Angeles.



Kuprox Replacement Unit for electrolytic chargers, and Kuprox trickle charger. Bertram Smith, Los Angeles, factory representative, Kodel Radio Corporation.



The Orthoformer. An attachment which enables any receiver to give the finest tone quality. Distributed by The International Distributors Corp., Los Angeles



Willard "A-B" Power Unit. Western Auto Electric Co., Los Angeles, Southern California Distributors.



Silver-Marshall Type 220 audio transformer. Famous for quality and the popular SC II set. Ernest Walker Sawyer, factory agent, Los Angeles.



What a  
Prominent Radio  
Engineer Says of the

# POWELL "B" Eliminator

H. E. Satterfield,

Chief Engr., KPSN, writes:

"The Powell "B" Eliminator has been tested on 15 different makes of sets and has never known to fail. Pasadena radio owners once hearing their set operated with one of these eliminators offer no argument but quickly install it, especially due to the quality given, low price and the guarantee. I can recommend the Powell in the highest degree but sorry they cannot be built fast enough to supply the demand. They have my personal recommendation and would add that KPSN is using the Powell "B" Eliminator in its super-heterodyne receiving set."

No Tubes—No Acids  
Absolutely No Hum

## \$12.25

Absolutely Guaranteed

Call VERmont 1619  
For Information

**Powell Mfg. Co.**

4009 S. Western

Los Angeles

## New Quadraformer Product

In the development of one-dial control radio receivers, the difficulty has been to take care of the first, or antenna, circuit. If this input circuit to the first tube is tuned, it is impractical to gang the tuning condenser with the other condensers on the single control, for the reason that the resonant point will vary with the size of antenna used.

Some manufacturers have overcome this difficulty by using an untuned input circuit to the first tube, and then ganged the RF tuning circuits following with perfect matching readily accomplished. However, there is considerable sacrifice in efficiency in the untuned antenna coupling tube, a sacrifice deemed worthwhile for the sake of the simplicity of single-control.

Gearhart-Schlueter Radio Corp. of Fresno, Calif., have developed and are marketing a device to connect ahead of the type of receiver employing an untuned antenna. This unit incorporates their famous Quadraformer radio frequency transformer with tuning control and in effect adds a stage of highly efficient RF amplification to the receiver. The result is greater selectivity, volume and distance. The cabinets are finished to exactly match the Atwater Kent one-dial sets, both the rosewood and crystal-finished metal cabinets. No additional tube is used; the Quadraformer stage employing the first tube now in the set, substituting an efficient tuned circuit in place of the untuned tube circuit of low amplification.

This is a worthwhile accessory that gives greatly improved reception by increasing all of the vital qualities of the receiver—sensitivity, selectivity, volume, and tone quality.

Melba has been heard on the air in Australia.

---

---

# WHY

not have the music from your radio equal in every way to the most modern and expensive sets?

# WHY

have the leading authorities on musical reproduction marveled at the tonal accuracy of this new attachment?

The

# ORTHOFORMER

An attachment which will give you all the soft, sweet shadings of tone; all the rich throbs of the basses; all the volume and power of mighty orchestra or swelling pipe organ, positively without blurring or distortion.

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## Raehrs 510 Circuit

A circuit development incorporating the Infradyne amplifier in a ten-tube receiver, which, by throwing a single switch, may be converted into a five-tube single control set, has been worked out by E. R. Raehrs of Los Angeles, and has been performing very successfully.

One of the most outstanding features of the set is its compactness, the panel being but 7 by 24 inches, and the depth 8 inches. The system of coupling in the radio frequency amplifier is new and interesting. From the diagram on the opposite page it will be noted that the plate circuit of the first RF tube contains the regeneration coil L2, but apparently no direct coupling with the grid circuit of the second tube. However, since the two grids are connected together we find L2-L1 acting as an RF transformer between the two tubes, as well as comprising the tuned grid circuit and plate regeneration coil for the first tube.

Regeneration is controlled by shunting the coil L1 with a high variable resistance R1. The output of the second tube is coupled to the detector through an untuned RF transformer, hence we have two stages of RF and detector tuned by but one variable condenser C1.

The double-pole double-throw switch connects the plate of the detector to the primary of the first audio transformer AFT-1 when 5-tube operation is desired, or to the input of the Infradyne amplifier for 10-tube operation. The oscillator coupler is standard Sargent practice, and the Infradyne unit is used and adjusted exactly as specified for the standard

Infradyne circuit. The oscillator tube is a 299, as are the three tubes in the amplifier unit, the other tubes being of the 301A type, with the exception of the last audio, which is a power tube. The grids are properly biased and a voltmeter on the panel indicates the filament voltage on the four "99" tubes.

The five tube combination makes an ideal one-dial set for the lady of the house, while the DX members of the family (male species) can, by throwing one switch, put into action a highly sensitive and selective long-distance getter.

### New CeCo Rectifier

The CeCo Manufacturing Company of Providence, Rhode Island, who were the first to produce a special-duty High-Mu tube for resistance coupled amplifiers, and an RF amplifier tube, have ever been in the forefront in the special-service tube field, and now announce a new gas-filled rectifier tube to be known as CeCo, type D-G.

The tube is exceptionally well constructed mechanically and the manufacturers have applied for patents on several of the new features. Electrically, the characteristics are as follows: The tube was used in a standard eliminator circuit using Samson transformer and chokes, condensers of 2, 2 and 8 mfd. The line voltage was 116.

Load Voltage	Load in M.A.
200 .....	48
150 .....	78
100 .....	120

### DETAILED BLUE-PRINTS FOR BUILDING THE "RAEHRS 510" RECEIVER

\$1.00 at Your Dealer's—Or Postpaid from

J. E. MEAD, 1715 W. 10th St. or 721 S. Main St., Los Angeles





### CLARIFYING TONE OF HIGH-POWER RECEIVER

In the operation of a radio receiver in conjunction with a high-voltage B-eliminator, such as the Power Pack, it is by no means unusual for the radio enthusiast to be troubled with oscillation or a high-pitched whistle which predominates the loud-speaker rendition, and even reduces the signals to a marked degree, let alone the distortion. The trouble is generally due to excessive plate voltage for the r. f. tubes, and even the detector. The simplest cure is to place a Clarostat in the r. f. lead from radio power unit to the set, and then adjusting the device for the proper resistance value to reduce the plate voltage until the trouble clears up.

### PAY ATTENTION TO FILAMENT CONTROL POLARITY!

It is not generally appreciated by the average radio fan that the voltage drop in the filament control acts as a grid bias, according to whether it is placed in the positive or the negative filament lead. The tube manufacturer is generally explicit on this point, stating in what lead the rheostat or ballast resistor should be placed to take advantage of the grid bias effect. In the case of the radio frequency tubes, the rheostat or ballast resistor should be tried in both filament leads, or the A battery should be reversed, if this is possible, to determine the best arrangement. If the set oscillates too readily, the filament control should be placed in the positive lead. The same applies usually to super-heterodynes.

### MELLOW TONE QUALITY FROM THE HARSH LOUD-SPEAKER

Any loud-speaker which is harsh in tone quality can be made mellow by the simple expedient of shunting it with a fixed condenser of sufficient capacity to by-pass the greater part of the higher frequencies which are responsible for the over-emphasis of the high notes. Experiments indicate that .005 mfd. will generally be found sufficient for the harsh cone type speaker, and .01 for the harsh horn type speaker. However, the values may be varied in individual cases for the proper effect.

### SPECIAL DUTY TUBES

The radio fan in many instances fail to avail himself of the maximum efficiency of his radio receiver made possible through the use of special-duty tubes which are offered by the tube manufacturers. There are special RF amplifier tubes, special detector tubes, special resistance and impedance coupled amplifier tubes, power tubes, etc., which when used with specified A, B and C voltages insure the utmost in efficiency from each socket of the set. Now we have two types of AC tubes, several filament-type rectifier tubes, gas-filled rectifier tubes, etc. One tube manufacturer makes 32 different types, each designed for a separate and distinct function. We have specialists in the tube family, as well as "Jacks of all trades."

Many of the new one-dial sets are calibrated in kilocycles. A year hence the wavelength term will be forgotten.

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—yesterday



—today

—tomorrow

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## Western Radio, Inc.

WHOLESALE DISTRIBUTORS FOR SOUTHERN CALIFORNIA

# Alphabetical List of U. S. Broadcast Stations

(250 Watts and More)

REVISED TO JULY 1

Call	Meters	Keys.	Location	Power	Call	Meters	Keys.	Location	Power
KDKA	315.6	950	E. Pittsburgh	30000	KOIL	277.6	1080	Coun. Bluffs, Ia.	1500
KELW	228.9	1310	Burbank, Cal.	250	KOIN	319	940	Portland, Ore.	1000
KEX	239.9	1250	Portland, Ore.	2500	KOMO	305.9	980	Seattle, Wash.	1000
KFAB	309.1	970	Lincoln, Neb.	2000	KOWW	299.8	1000	Walla Walla, Wn.	500
KFAD	272.6	1100	Phoenix, Ariz.	500	KPO	422.3	710	San Francisco	1000
KFAU	285.5	1050	Boise, Idaho	2000	KPRC	293.9	1020	Houston, Tex.	500
KFBW	428.3	700	Laramie, Wyo.	500	KPSN	315.6	950	Pasadena, Cal.	1000
KFDM	374.8	800	Beaumont, Tex.	500	KQV	270.1	1110	Pittsburgh, Pa.	500
KFDX	236.1	1270	Shreveport, La.	250	KQW	296.9	1010	San Jose, Cal.	500
KFDY	394.5	760	Brookings, S. D.	500	KRLD	461.3	650	Dallas, Tex.	500
KFEL	247.8	1210	Denver, Colo.	250	KRLO	215.7	1390	Los Angeles	250
KFEQ	239.6	1300	Oak, Neb.	1000	KSAC	333.1	900	Manhattan, Kan.	500
KFH	245.8	1220	Wichita, Kan.	500	KSBA	267.7	1120	Shreveport, La.	1000
KFI	468.5	640	Los Angeles	5000	KSJC	243.8	1230	Sioux City, Ia.	500
KFIF	214.2	1400	Portland, Ore.	750	KSD	645.1	550	St. Louis, Mo.	500
KFJF	272.6	1100	Oklahoma City	750	KSEI	333.1	900	Pocatello, Ida.	250
KFKB	241.8	1240	Milford, Kan.	1000	KSL	302.8	990	Salt Lake, Utah	1000
KFKU	254.1	1180	Lawrence, Kan.	500	KSO	227.1	1320	Clarinda, Ia.	500
KFKX	526	570	Hastings, Neb.	2500	KSOO	209.7	1430	Sioux Falls, S. D.	250
KFMX	236.1	1270	Northfield, Minn.	500	KTAB	280.2	1070	Oakland, Calif.	500
KFNF	270.1	1110	Shenandoah, Ia.	1000	KTBI	283.3	1040	Los Angeles	500
KFOA	447.5	670	Seattle, Wash.	1000	KTCL	277.6	1080	Seattle, Wash.	500
KFON	241.8	1240	Long Beach, Cal.	500	KTHS	319	940	Hot Springs, Ark.	750
KFOY	285.5	1050	St. Paul, Minn.	250	KTNT	256.3	1170	Muscatine, Ia.	3500
KFPR	232.4	1290	Los Angeles	250	KTSA	265.3	1130	San Antonio	2000
KFPY	245.8	1220	Spokane, Wash.	250	KTW	394.5	760	Seattle, Wash.	1000
KFQB	260.7	1150	Ft. Worth, Tex.	1000	KUOA	296.9	1010	Fayetteville, Ark.	500
KFRU	249.9	1200	Columbia, Mo.	500	KUOM	374.5	800	Missoula, Mont.	500
KFSO	440.9	680	San Diego, Cal.	500	KUSD	483.6	620	Vermillion, S. D.	250
KFSG	275.1	1090	Los Angeles	500	KUT	232.4	1290	Austin, Tex.	500
KFUL	258.5	1160	Galveston, Tex.	500	KVOO	348.6	860	Bristow, Okla.	1000
KFUO	545.1	550	St. Louis, Mo.	500	KWCR	384.4	780	Cedar Rapids, Ia.	250
KFVD	208.2	1440	San Pedro, Cal.	250	KWKC	394.5	760	Shreveport, La.	1000
KFVE	234.2	1280	St. Louis, Mo.	1000	KWLC	247.5	1210	Decorah, Ia.	500
KFVR	475.9	630	Denver, Colo.	250	KWUC	243.8	1230	Lemars, Ia.	1500
KFWB	361.2	830	Los Angeles	500	KWWG	277.6	1080	Brownsville, Tex.	500
KFWF	214.2	1400	St. Louis, Mo.	250	KYA	309.1	970	San Francisco	500
KFWI	267.7	1120	San Francisco	500	KYW	578	570	Chicago, Ill.	2500
KFWM	236.1	1270	Oakland, Cal.	500	WAAP	389.4	770	Drovers, Ill.	500
KFWO	218.8	1370	Avalon, Cal.	250	WAAM	348.6	860	Newark, N. J.	500
KFXB	252	1190	Los Angeles	500	WAAT	245.8	1220	Jersey City	300
KFXF	282.8	1060	Denver, Colo.	250	WAAP	374.3	800	Omaha, Neb.	500
KFYR	239.9	1250	Bismark, N. D.	500	WABC	325.9	920	Richmd Hill, N. Y.	2500
KGA	260.7	1150	Spokane, Wash.	2000	WABF	205.4	1460	Pringleboro	250
KGBU	228.9	1310	Ketchikan, Ala.	500	WABQ	275.1	1090	Philadelphia	500
KGCH	293.9	1020	Wayne, Neb.	250	WADC	239.9	1250	Akron, Ohio.	1000
KGDY	212.6	1410	Shreveport, La.	250	WAFD	218.3	1370	Detroit	250
KGEF	263	1140	Los Angeles	500	WAIU	282.8	1060	Columbus, O.	5000
KGO	384.4	780	Oakland, Cal.	5000	WAMD	225.4	1330	Minneapolis	500
KGU	270.1	1110	Honolulu	600	WAPI	491.5	610	Auburn, Ala.	1000
KGW	491.5	610	Portland, Ore.	1000	WARS	227.1	1320	Brooklyn, N. Y.	500
KHJ	405.2	740	Los Angeles	500	WASH	256.3	1170	Grand Rapids	250
KHQ	370.2	810	Spokane, Wash.	1000	WBAA	272.6	1100	Lafayette, Ind.	500
KJR	348.6	860	Seattle, Wash.	2500	WBAL	299.8	1000	Harrisburg, Pa.	500
KLDS	238	1260	Independnce, Mo.	1500	WBAL	285.5	1050	Baltimore, Md.	3000
KLS	245.8	1220	Oakland, Cal.	250	WBAP	499.7	600	Ft. Worth, Tex.	1500
KLX	508.2	590	Oakland, Cal.	500	WBBC	227.1	1320	Brooklyn, N. Y.	500
KLZ	267.7	1120	Denver, Colo.	250	WBBS	389.4	770	Chicago, Ill.	1000
KMA	270.1	1110	Shenandoah, Ia.	500	WBRR	256.3	1170	Rossville, N. Y.	1000
KMIC	223.7	1340	Inglewood, Cal.	250	WBCN	283.3	1040	Chicago, Ill.	250
KMMJ	228.9	1310	Clay Center, Neb.	500	WBET	265.3	1130	Boston, Mass.	500
KMO	254.1	1180	Tacoma, Wash.	250	WBNY	218.8	1370	New York	500
KMOX	299.8	1000	St. Louis, Mo.	5000	WBOQ	235.9	920	Richmd Hill, N. Y.	500
KMTR	596	570	Los Angeles	500	WBRC	243.8	1230	Birmingham, Ala.	250
KNRC	374.8	800	Santa Monica	500	WBRL	232.4	1290	Tilton, N. H.	500
KNX	336.9	890	Los Angeles	500	WBT	258.5	1160	Charlotte, N. C.	500
KOA	325.9	920	Denver, Colo.	5000	WBZ	333.1	900	Springfield, Mas.	15000
KOAC	270.1	1110	Corvallis, Ore.	500	WBZA	333.1	900	Boston, Mass.	500
KOB	394.5	760	New Mexico	5000	WCAC	275.1	1090	Mansfield, Conn.	500
KOCH	258.5	1160	Omaha, Neb.	250	WCAD	365.6	820	Canton, N. Y.	500
KOCW	252	1190	Chickasha, Okla.	250	WCAE	516.9	580	Pittsburgh	500

Call	Meters	Keys.	Location	Power	Call	Meters	Keys.	Location	Power
WCAH	535.4	560	Columbus, O.	250	WIBO	416.4	720	Chicago	500
WCAJ	348.6	860	Lincoln, Neb.	500	WICC	214.2	1400	Bridgeport, Conn.	250
WCAL	236.1	1270	Northfield, Minn.	500	WIL	258.5	1160	St. Louis, Mo.	250
WCAM	223.7	1340	Camden, N. J.	500	WIOD	247.8	1210	Miami Fla.	1000
WCAO	384.4	780	Baltimore, Md.	250	WIP	508.2	590	Philadelphia	500
WCAU	277.6	1080	Philadelphia	500	WJAD	447.5	670	Waco, Tex.	500
WCBD	344.6	870	Zion, Ill.	5000	WJAG	285.5	1050	Norfolk, Neb.	250
WCBS	209.7	1430	Springfield, Ill.	250	WJAR	483.6	620	Providence, R. I.	500
WCCO	465.2	740	Minneapolis	5000	WJAS	270.1	1110	Pittsburgh, Pa.	500
WCDA	211.1	1420	Cliff Side, N. J.	250	WJAX	336.9	890	Jacksonville, Fla.	1000
WCFL	433.6	620	Chicago, Ill.	1500	WJAY	227.1	1320	Cleveland, O.	500
WCGU	211.1	1420	Coney Island	500	WJAZ	263	1140	Mt. Prospect, Ill.	5000
WCMA	253.5	1160	Culver, Ind.	250	WJBB	344.6	870	St. Petersburg	250
WCOA	249.9	1200	Pensacola, Fla.	500	WJBI	256.3	1170	Red Bank, N. J.	250
WCRW	223.7	1340	Chicago, Ill.	500	WJBL	212.6	1410	Decatur, Ill.	250
WCSH	361.2	830	Portland, Me.	500	WJJD	365.6	820	Mooseheart, Ill.	1000
WCSS	256.3	1170	Springfield, O.	500	WJR	440.9	680	Pontiac, Mich.	5000
WCWK	228.9	1310	Fort Wayne, Ind.	500	WJZ	454.3	660	Bnd Brook, N. J.	30000
WDAD	225.4	1330	Nashville, Tenn.	500	WKAQ	340.7	880	San Juan, P. R.	500
WDAE	267.7	1120	Tampa, Fla.	500	WKAR	230.6	1300	Lansing, Mich.	1000
WDAF	370.2	810	Kansas City, Mo.	1000	WKBF	252	1190	Indianapolis, Ind.	250
WDAG	263	1140	Amarillo, Tex.	250	WKBH	220.4	1360	La Crosse, Wis.	500
WDAY	361.2	830	Fargo, N. D.	250	WKBO	218.8	1370	Jersey City	500
WDBJ	230.6	1300	Roanoke, Va.	250	WKBQ	218.8	1370	New York	500
WDBK	227.1	1320	Cleveland, O.	250	WKBW	217.5	1380	Buffalo, N. Y.	500
WDBC	239.9	1250	Winter Park, Fla.	500	WKRC	333.1	900	Cincinnati, O.	500
WDGY	260.7	1150	Minneapolis	500	WLB	245.8	1220	Minneapolis	500
WDOD	245.8	1220	Chatanooga	500	WLBI	238	1260	Wenona, Ill.	250
WDRC	275.1	1090	New Haven, Con.	250	WLBL	319	940	Stevens Pt., Wis.	1000
WDWF	374.8	800	Providence, R. I.	500	WLBW	293.9	1020	Oil City, Pa.	500
WDFM	361.2	830	Newark, N. J.	500	WLBX	204	1470	Long Island, N. Y.	250
WEAF	491.5	610	New York	5000	WLBZ	203.2	1440	Dover, Me.	250
WEAI	483.6	620	Ithaca, N. Y.	250	WLIB	305.9	980	Chicago	500
WEAM	239.9	1250	Plainfield, N. J.	250	WLIT	405.2	740	Philadelphia	500
WEAN	310	940	Providence, R. I.	500	WLS	344.6	870	Chicago	5000
WEAO	232.8	1060	Columbus, O.	750	WLSI	384.4	780	Cranston, R. I.	500
WEAR	399.8	750	Cleveland, O.	1000	WLW	428.3	700	Harrison, O.	5000
WEBC	241.8	1240	Superior, Wis.	250	WLWL	370.2	810	New York	1000
WEBH	365.6	820	Chicago	2000	WMAC	225.4	1330	Cazenovia, N. Y.	500
WEBJ	256.3	1170	New York	500	WMAF	428.3	700	Dartmouth, Mas.	500
WEBW	258.5	1160	Beloit, Wis.	500	WMAK	545.1	550	Lockport, N. Y.	750
WEDC	241.8	1240	Chicago	500	WMAQ	447.5	670	Chicago	1000
WEEI	447.5	670	Boston, Mass.	500	WMAZ	270.1	1110	Macon, Ga.	500
WEMC	233	1260	Ber. Spg., Mich.	1000	WMBB	252	1190	Chicago	500
WENR	283.3	1040	Chicago	500	WMBD	205.4	1460	Peoria Heights, Ill.	250
WEW	352.7	850	St. Louis, Mo.	1000	WMBF	384.4	780	Miami, Fla.	500
WFAA	499.7	600	Dallas, Tex.	500	WMBI	263	1140	Chicago	500
WFBE	245.8	1220	Cincinnati, O.	250	WMBS	234.2	1230	Harrisburg, Pa.	250
WFBL	258.5	1160	Syracuse, N. Y.	750	WMC	516.9	680	Memphis	500
WFBM	225.4	1330	Indianapolis, Ind.	250	WMCA	370.2	810	Hoboken	500
WFHH	365.6	820	Clearwater, Fla.	500	WMSG	236.1	1270	New York	500
WFI	405.2	740	Philadelphia	500	WNAC	352.7	850	Boston, Mass.	500
WFIW	280.2	1070	Hopkinsville, Ky.	500	WNAD	233.9	1250	Norman, Okla.	500
WFKB	223.7	1340	Chicago	500	WNAL	258.5	1160	Omaha, Neb.	250
WFLA	212.6	1410	Boco Raton, Fla.	1000	WNAX	302.8	990	Yankton, S. D.	250
WFRL	218.8	1370	Brooklyn	250	WNBH	260.7	1150	New Bedford	250
WGBB	245.8	1220	Freeport, N. Y.	400	WNJ	280.2	1070	Newark, N. J.	500
WGBF	236.1	1270	Evansville, Ind.	250	WNOX	265.3	1130	Knoxville, Tenn.	1000
WGBS	348.6	860	Astoria, N. Y.	500	WNRC	223.7	1340	Greensboro, N.C.	500
WGCP	280.2	1070	Newark, N. J.	500	WNYC	535.4	560	New York	500
WGES	241.8	1240	Chicago	500	WOAI	302.8	990	San Antonio	2000
WGHP	319	940	Mt. Clem's, Mich.	1500	WOAN	285.5	1050	Law'r'g, Tenn.	250
WGL	293.9	1020	Secaucus, N. J.	500	WOAX	239.9	1250	Trenton, N. J.	500
WGN	305.9	980	Chicago, Ill.	15000	WOC	352.7	850	Davenport, Ia.	5000
WGR	302.8	990	Buffalo, N. Y.	750	WODA	293.9	1020	Patterson, N. J.	1000
WGST	270.1	1110	Atlanta, Ga.	500	WOI	265.3	1130	Ames, Ia.	2500
WGWB	218.8	1370	Milwaukee, Wis.	5000	WOK	252	1190	Chicago	5000
WGY	379.5	790	Schenectady	30000	WOKO	215.7	1390	Peekskill, N. Y.	250
WHA	319	940	Madison, Wis.	750	WOKT	209.7	1430	Rochester, N. Y.	500
WHAD	293.9	1020	Milwaukee, Wis.	500	WOO	508.2	590	Philadelphia	500
WHAM	277.6	1080	Rochester, N. Y.	500	WOOD	260.7	1150	Grand Rapids	500
WHAP	236.1	1270	New York	1000	WOQ	336.9	890	Kansas City	500
WHAR	272.6	1100	Atlantic City	750	WOR	422.3	710	Newark, N. J.	500
WHAS	461.3	650	Louisville, Ky.	500	WORD	275.1	1090	Batavia, Ia.	5000
WHAZ	379.5	790	Troy, N. Y.	500	WOS	394.5	760	Jefferson City	500
WHB	336.9	890	Kansas City, Mo.	500	WOW	508.2	590	Omaha, Neb.	1000
WHBP	228.9	1310	Johnstown, Pa.	250	WOVO	223.9	1310	Ft. Wayne	1000
WHDI	245.8	1220	Minneapolis	500	WPCC	223.7	1340	Chicago	500
WHK	265.3	1130	Cleveland, O.	500	WPCH	309.1	970	New York	500
WHN	394.5	760	New York	500	WPEP	215.7	1390	Waukegan, Ill.	250
WHO	535.4	560	Des Moines	5000	WPG	272.6	1100	Atlantic City	5000
WHT	416.4	720	Chicago	5000	WPSC	299.8	1000	State Col., Pa.	500

Call	Meters	Keys.	Location	Power	Call	Meters	Keys.	Location	Power
WQAA	215.7	1390	Parksburg, Pa.	500	WSEA	218.8	1370	Va. Beach, Va.	250
WQAM	322.4	930	Miami, Fla.	750	WSKC	491.5	610	Bay City, Mich.	250
WQAO	394.5	760	Cliffside, N. J.	500	WSM	340.7	880	Nashville, Tenn.	2000
WQJ	447.5	670	Chicago	500	WSMB	322.4	930	New Orleans	500
WRAH	199.9	1500	Providence, R. I.	250	WSMG	236.1	1270	New York	500
WRAX	283.3	1040	Philadelphia	250	WSOE	270.1	1110	Milwaukee	500
WRBC	238	1260	Valparaiso, Ind.	250	WSOM	245.8	1220	New York	500
WRC	468.5	640	Washington, D.C.	500	WSUI	422.3	710	Iowa City	500
WRCO	217.3	1380	Raleigh, N. C.	250	WSYR	225.4	1330	Syracuse, N.Y.	500
WREN	254.1	1180	Lawrence, Kan.	750	WTAD	236.1	1270	Quincy, Ill.	250
WREO	230.6	1300	Lansing, Mich.	500	WTAG	516.9	580	Worcester	500
WRHM	260.7	1150	Minneapolis	1000	WTAM	399.9	750	Cleveland, O.	3500
WRNY	309.1	970	New York	500	WTAQ	254.1	1180	Eau Claire, Wis.	500
WRR	352.7	850	Dallas, Tex.	500	WTAR	275.1	1090	Norfolk, Va.	500
WRST	211.1	1420	Bay Shore, N. Y.	250	WTAS	275.1	1090	Batavia, Ill.	3500
WRVA	254.1	1180	Richmond, Va.	1000	WTAW	309.1	970	College, Tex.	500
WSAI	362.2	830	Cincinnati	500	WTHO	218.8	1370	Detroit, Mich.	250
WSAJ	223.7	1340	Grove City, Pa.	250	WTIC	475.9	630	Hartford, Conn.	500
WSB	475.9	630	Atlanta, Ga.	1000	WTMJ	293.9	1020	Milwaukee, Wis.	500
WSBC	232.4	1290	Chicago	500	WWAE	232.4	1290	Joliet, Ill.	500
WSBT	238	1260	South Bend, Ind.	250	WWJ	374.8	800	Detroit, Mich.	1000
WSDA	227.1	1320	New York	250	WWNC	296.9	1010	Ashville, N. C.	1000

## New Aerial-Ground Combination

Now comes the Sheldon Aeroground. It is the combination of an underground antenna and a chemical ground constructed to last indefinitely.

Sheldon's device provides a means to eliminate unsightly overhead aerials, and at the same time actually improve reception. Static accumulates much less on underground antennas and furthermore chemical grounds are far less sensitive to extraneous noises, such as power line interferences, street cars, inter-rupters, etc., than are ordinary water or

gas pipe grounds which sometimes run for some distance before they make contact with sufficient damp earth to form a radio ground connection.

The Aeroground has the antenna coil isolated by a wall of pitch. There are three separate containers, one within the other, and the wires leading out are of high tension rubber cable to insure insulation. It is supplied with a heavy casing, which is buried in the hole over the leaden cylinder to form a pit, down which may be poured chemicals and water at future times as desired.

*'Individualized' Bosch Reproducers—Western Electric Amplifying Eqpm't.*

### RADIOLA SPECIALISTS

WE CAN ELIMINATE SUPERFLUOUS "HARMONICS" IN ANY RCA SUPER-HET, and also make it include in its tuning range the stations between 200 and 230 meters, at a nominal cost. Not an attachment, but a fundamentally sound improvement in the circuit.

#### GUARANTEED SERVICE

ON  
Brunswick Panatropes — Victor Electrolas — All R. C. A. Equipment  
Battery Eliminators — Super-Heterodynes — W. E. Amplifiers

AND  
RADIO EQUIPMENT OF ANY KIND

OUR ELECTRO-MAGNETIC REPRODUCING SYSTEM CAN BE INSTALLED IN YOUR OLD PHONOGRAPH. ASK ABOUT IT.

*Makers of the Professional Model Receiver*

## LABORATORY OF RADIO STANDARDS

E. K. HAYES  
Vermont 6543

2408 W. Vernon

Los Angeles, Calif.

# Sterling Dependable Socket-Power Units

## SUNDAY TIME TABLE

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

10-12 A.M.		12-2 P.M.		2-4 P.M.		4-6 P.M.		STATIONS				6-8 P.M.		8-10 P.M.		10-12 P.M.															
10-00-10-30	10-30-11-00	11-00-11-30	11-30-12-00	12-00-12-30	12-30-1-00	1-00-1-30	1-30-2-00	2-00-2-30	2-30-3-00	3-00-3-30	3-30-4-00	4-00-4-30	4-30-5-00	5-00-5-30	5-30-6-00	CALL	Wave Length Meters	Power In Watts	STATION	6-00-6-30	6-30-7-00	7-00-7-30	7-30-8-00	8-00-8-30	8-30-9-00	9-00-9-30	9-30-10-00	10-00-10-30	10-30-11-00	11-00-11-30	11-30-12-00
<b>SOUTHERN CALIFORNIA</b>																															
																X K M T R	526	500	Hollywood	X	X	X	X	X	X	X	X	X	X		
X	X	X	X	X								X	X	X	X	X K F I	468	5000	Los Angeles				X	X	X	X	X	X	X	X	
									X	X						X K F S D	441	500	San Diego												
X	X	X	X	X												X K H J	405	500	Los Angeles				X	X	X	X	X	X	X	X	
X	X	X	X									X	X	X	X	X K N R C	375	500	Santa Monica	X	X	X	X	X	X	X	X	X	X	X	
																X K F W B	361	500	Hollywood							X	X	X	X	X	
																X K W T C	352	5	Santa Ana				X	X							
X	X	X	X					X	X	X	X		X	X	X	X K N X	337	500	Los Angeles		X	X	X	X	X	X	X	X	X	X	
X	X	X														X K P S N	316	1000	Pasadena												
X	X	X	X							X	X					X K T B I	288	500	Los Angeles	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X							X	X	X	X	X	X	X K F S G	275	500	Los Angeles		X	X	X	X	X	X	X	X	X	X	X
	X	X	X								X	X	X	X	X	X K G E F	263	500	Los Angeles			X	X	X	X	X	X	X	X	X	
																X K F X B	252	500	Los Angeles	X	X	X	X	X	X	X	X	X	X	X	
	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X K F O N	242	500	Long Beach	X	X	X	X	X	X	X	X	X	X	X	X
																X K F Q Z	232	100	Hollywood					X	X	X	X	X	X	X	
X	X	X	X													X K P P C	229	50	Pasadena		X	X	X	X							
										X	X	X	X			X K E L W	229	250	Burbank												
	X	X														X K M I C	224	250	Inglewood				X	X	X	X					
X	X	X	X													X K F W C	222	200	San Bernardino	X	X	X	X	X	X	X	X	X	X	X	
												X	X	X	X	X K F W O	219	250	Catalina	X	X	X	X	X	X	X	X	X	X	X	
X		X	X	X												X K G E R	216	100	Long Beach												
																X K F C R	211	50	Santa Barbara				X	X	X	X	X				
																X K F V D	208	250	Venice	X	X	X	X	X	X	X	X	X	X	X	X
<b>NORTHERN CALIFORNIA</b>																															
		X	X													X K F R C	454	500	San Francisco	X	X	X	X	X	X	X	X	X	X	X	
X								X	X	X	X					X K P O	422	1000	San Francisco	X	X	X	X	X	X	X	X	X	X	X	
		X	X	X	X					X	X					X K G O	384	5000	Oakland	X	X	X	X	X	X	X	X	X	X	X	
	X	X	X	X												X K Y A	309	500	San Francisco				X	X	X						
X	X	X	X	X												X K Q W	297	500	San Jose				X	X	X	X					
X	X	X	X	X												X K T A B	280	500	Oakland				X	X	X						
																X K F W I	268	500	San Francisco				X	X	X						
	X	X														X K R E	256	100	Berkeley												
<b>NORTHERN AND WESTERN STATES</b>																															
X	X	X														X K G W	491	1000	Portland			X	X	X	X	X	X	X	X		
X	X	X														X C F A C	435	2000	Calgary												
	X	X	X													X K J R	349	2500	Seattle	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X							X	X	X	X	X	X	X K O A	326	5000	Denver				X	X	X	X					
X	X	X	X	X	X	X	X									X K O I N	319	1000	Portland	X	X		X	X	X	X	X	X	X		
X	X	X	X	X	X	X	X									X K O M O	306	1000	Seattle	X	X	X	X	X	X	X	X	X	X	X	
X	X															X K S L	303	1000	Salt Lake City				X	X	X	X					
																X K L Z	268	250	Denver				X	X	X	X					
																X K M O	254	250	Tacoma				X	X							
										X	X	X	X	X	X	X K E X	240	2500	Portland	X	X	X	X	X	X	X	X	X	X	X	

### INSTALL A

## RADXGROUND

And see how your Reception is improved in Summer and at all times  
Continuous GOSILCO Core and 30-ft. Lead-in to Binding Post of your Set

At Your Dealer — Price \$4.50 — Or Sent Prepaid

APEX SPECIALTY CO., 1038 Beacon Ave., Los Angeles — Dunkirk 3588









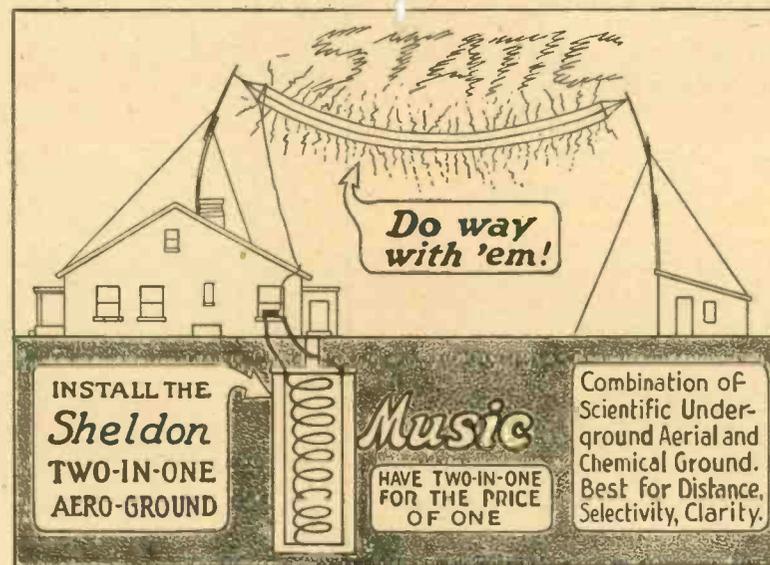


# If You Don't Like Static and Overhead Aerials

INSTALL

*The Sheldon Guaranteed 2 in 1 Aeroground*  
**Price \$9.00**

SHELDON'S 2 IN 1 AEROGROUND is the Combination of a very efficient underground antenna and a chemical ground constructed to last indefinitely.



Simply Bury the SHELDON AEROGROUND in a hole three feet deep and connect to your radio set. You will wonder why this idea was not available before.

*WHY we can sell the Sheldon Aeroground on a money-back guarantee to improve reception*  
 BECAUSE it is a recognized fact that both underground antennas and chemical grounds are less responsive to extraneous noises, such as static, power interferences, street cars, etc. The Sheldon Aeroground is a scientific combination of these two ideal systems.

*For Full Particulars Write Today to*

## **SHELDON RADIO CO.**

1519 Georgia St., Los Angeles, Cal.

DEALERS—Here is an article which will increase your Summer business. Write for samples NOW.



## *Radio Patent Protection!*

# GILFILLAN RADIO

**Now Manufactured Under Licenses of  
Hazeltine Corporation Patents  
Radio Corporation of America Patents**

**T**HE recent settlement of all legal difficulties and the Court decision clarifying the radio patent situation has resulted in the granting of licenses to certain manufacturers under the basic patents.

A limited number of strong, nationally known radio manufacturers have been licensed. These were selected according to their experience and importance in the radio field. The radio industry, under this plan, will be on a more permanent and satisfactory basis than ever before.

Because Gilfillan Brothers is the outstanding radio manufacturer on the Pacific Coast, and because Gilfillan Radio Sets have maintained the highest standards of radio engineering and workmanship, this valuable license to utilize the principles covered by the RCA group of tuned radio frequency patents, as well as the basic Hazeltine Neutrodyne patents,\* has been granted to them—the only radio manufacturer on the Pacific Coast to be licensed.

Distributors, wholesalers, and dealers, may handle and sell Gilfillan Radio with the full confidence and protection that these basic patents provide.

### *New Licensed Models*

*A new line of cabinet and console styles of licensed Gilfillan Radio Sets will soon be announced. These will be furnished complete with the electric power unit for immediate operation from the lighting socket.*

**GILFILLAN BROS. INC.**  
LOS ANGELES

*\*Gilfillan is one of the original Neutrodyne licensees.*



**WILLIAM RAINEY**  
Announcer

# National Broadcasting Co., Inc.

## ORANGE NETWORK

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

**Program for Week Commencing Sunday, July 10**

**Sunday, July 10—9 to 10 P. M.**

The National Broadcasting Company's Pacific Division has selected for its weekly Bible drama "The Ten Commandments."

The story of Moses on the Mount where the Lord presented to him the Ten Commandments or laws to guide the destiny of the world, is familiar to everyone.

The story leading to Moses' ascension of the Mount and his return to his people will be presented in dialog form with a symphonic orchestral accompaniment.

The cast of the production is as follows: Alaam, Paul D. Smith; Jathra, Wheaton Chambers; Aaron, Benjamin Purrington; Moses, William Rainey; the victim, Roy Sexton.

**Monday, July 11—8 to 9 P. M.**

The opera "Mignon" by Ambrose Thomas will be presented by the National Opera Company under the direction of Max Dolin.

"Mignon" was first produced in Paris in 1866 and was composed by Ambrose Thomas, who was long director of the Paris Conservatory and one of the most brilliant men of his time—composer, writer, poet and scholar. "Mignon" is the most famous of his works and has the brilliant qualities of its author.

The story tells of an old man who wanders over the country playing the harp and singing songs. He is Lothario, an Italian nobleman, who has lost his memory. During the course of events he becomes attached to a little gypsy girl, who vaguely remembers a beautiful home and fond parents. She proves to be the daughter of Lothario, and her sweetheart is Wilhelm, a student, who saves her life and they are united with a parental blessing.

**Tuesday, July 12—9 to 10 P. M.**

"Hits and Bits of Irving Berlin." This production has been arranged under the direction of William Rainey.

Irving Berlin, one of the best known and most popular composers, has contributed much to the modern school of music. His first piece, which gained particular attention, was "Alexander's Ragtime Band," and over a period of years he followed this first effort he has written numerous song hits that have proven popular, such as "Blue Skies" and "What Does It Matter."

A program composed of Irving Berlin's songs from the first to the latest should, in the opinion of the Program Department, prove acceptable to the radio audiences of the West.

**Wednesday, July 13—9 to 10 P. M.**

"The Monkey's Paw," a mystery play by Louis N. Parker, will be presented.

Sound is the principal factor in broadcasting and so the production of a play is a very difficult thing. In this particular play the dialog is such that a very realistic effect can be obtained by the use of sound alone.

This play was first produced at the Haymarket Theatre in London by Cyril Maude. The story concerns the mysterious events that befall a family after they obtain a mummified monkey's paw from an old Indian Fakir.

The cast includes: Mr. White, Feginauld Travers; Mrs. White, Emelie Melville; Herbert, William S. Rainey; Sergeant Major Morris, Benjamin Purrington; Mr. Sampson, Wheaton Chambers.

**Thursday, July 14—9 to 10 P. M.**

The opera "Ruddigore" will be presented by the National Light Opera Company, under the direction of Max Dolin.

This is one of the first Gilbert and Sullivan operas and has recently been revived in New York with tremendous success. As usual, it is a satire; this time it is directed against the old-fashioned Victorian melodrama.

The story concerns a nobleman, Sir Ruthven Murgatroyd of Ruddigore Castle in Cornwall. He inherits the family curse; he must commit a crime a day. This was imposed upon the first lord of the castle for killing so many witches in the days of early Cornwall.

The plot continues and Sir Ruthven falls in love with a pretty maiden, and after a series of happenings the curse is lifted and he is able to marry the maiden of his choice.

**Friday, July 15—9 to 10 P. M.**

"An Hour in Memory Lane" will be the feature of the National Broadcasting Company's presentation on Friday, July 15, from 9 to 10 p. m.

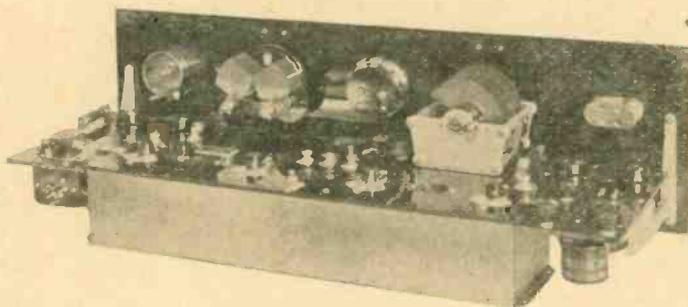
Negro melodies of a generation ago, the grandfathers of modern jazz, will open the program. "Any Rags, Any Bones," "My Gal's a High Brown Baby" and "Ain't Dat a Shame" are three of the old-time negro tunes which will be heard.

Fireside songs, "Heart Bow'd Down," "Love's Old Sweet Song," will be presented by a mixed quartet with stringed instrument accompaniment. The old comic song, "Little Brown Jug," and "The Moth and the Flame" will close the Memory Lane broadcast.

**Saturday, July 16—8 to 9 P. M.**

The usual Saturday Night Review. Selected numbers which have proven popular to the radio audiences during the week will be chosen and presented. Hits from the drama of the week and also the Bible drama will be presented.

# *There IS Something New in Radio!*



## **The Raehrs 510 Circuit**

is a new and improved system of using the Remler Infradyne Amplifier. Mr. E. R. Raehrs, the designer, has spent several years in an effort to simplify the construction of radio receiving sets, and is staking his reputation on the "RAEHRS 510."

The number of parts necessary to build the set has been reduced materially.

While still using 10 tubes, the over-all size has been kept down to 7 in. x 24 in. x 8 in., permitting the use of a standard small cabinet.

The "RAEHRS 510" is economical, both in first cost and maintenance. One unique feature of the set is that it may be converted by a simple turn of a switch from 10 tubes to 5 tubes if desired, to conform with the service area of the broadcasting stations.

Needless to say, selectivity and tone-quality to the nth degree are features of this truly remarkable receiver, the "RAEHRS 510."

*Set of Four Blue Prints and All Parts Are Obtainable at the  
Following Dealers in Los Angeles:*

**TOP NOTCH  
RADIO STORES**

747 So. Main St.

VAndike 8884

**RADIO "DOC"**

721 So. Main St.

TUcker 8311

**LESTER'S RADIO**

325 So. Hill St.

MUtual 0871



"Uncle John" Daggett  
Announcer

## Los Angeles, California—405.2 Meters

# KHJ

500 WATTS—740 KILOCYCLES  
Times Bldg., First and Broadway, Los Angeles  
Owned and Operated by Los Angeles Times  
JOHN S. DAGGETT, Manager and Program Announcer  
Phone MET. 0700  
"Kindness, Happiness and Joy"

All Programs Pacific Standard Time  
NIGHTLY EXCEPT SUNDAY AND MONDAY—

6:00 to 6:30 p. m.—KHJ Concert Trio.  
7:30 p. m.—Scripture reading.  
8:00 p. m.—World-wide news items.  
9:00 p. m.—Time signals and weather reports.

WEEK COMMENCING SUNDAY, JULY 10, 1927

### SUNDAY, JULY 10

- 10:00 a. m.—Studio sermon by Swami Dhirananda, head of the Mt. Washington Educational Center.  
10:30 a. m.—Services from the First Methodist Episcopal Church; Arthur Blakeley, organist.  
7:00 to 8:00 p. m.—Services from the First Methodist Episcopal Church.  
8:00 to 10:00 p. m.—Studio program presented by the Tronitz Club under the personal direction of Phillip Tronitz, well-known Norwegian concert pianist and pedagogue.

### MONDAY, JULY 11

Silent all day.

### TUESDAY, JULY 12

- 6:30 p. m.—Children's hour with Queen Titania and her Sandman, Betty Jane Uhl, young pianist; Charles Leslie Hill, "Honey Boy"; Lois Jane Campbell, "Brown Eyes," and Marguerite Bringham, "Nightingale."  
7:30 p. m.—H. M. Robertson, talk on "Dogs."  
8:00 to 10:00 p. m.—Musical program featuring Blanca Flor and her Spanish Serenaders.

### WEDNESDAY, JULY 13

- 2:30 p. m.—"Garden Talk," by Fred C. McNabb.  
6:30 p. m.—Children's program with Viola Essen, "B. B.;" Dick Winslow, screen juvenile; Glenn Fitz, "Optimistic Mascot;" Patricia Eccleston, "Little Daffodil;" Vivian Marple, "Blue Bell of KHJ," and pupils of Marshall Stedman.  
7:40 p. m.—Talk on "Astronomy," by Dr. Mars Baumgardt.  
8:00 to 10:00 p. m.—Classical hour with

- Samuel Furede, eminent 'cello virtuoso; Louis Yaeckel, tenor, and others.  
9:00 p. m.—Lal Chand Mehra, well-known lecturer, continuing his talks on "The Psychology of Life."

### THURSDAY, JULY 14

- 6:30 p. m.—Children's program presenting Jeanne de Bard, "Bonnie Jeanne;" Joyce Coad, "Little Red Riding Hood;" June Brandon, contralto; Dickie Brandon, reader; Rosetta Lewin, "Curly Locks;" Nelita Bennet, "Ginger Bread Girl."  
7:40 p. m.—Dr. Philip M. Lovell will talk on "Care of the Body."  
8:00 to 10:00 p. m.—Program de luxe with the Zoellner Quartet; Leo H. Sansiper, Russian baritone, and Prof. C. F. Lindsey, with "Literary Interpretations."  
9:00 p. m.—Talk by Arthur Edwin Wake, vice-president of the Abraham Lincoln Home for Boys.

### FRIDAY, JULY 15

- 6:30 p. m.—Children's hour with Roberta Bush, "Firefly of KHJ;" Henrietta Poland, "Forget-Me-Not;" Collins Twins, Katherine and Ellen, in vocal duets, and others.  
7:40 p. m.—Stanley Hall, "Monologues."  
8:00 to 10:00 p. m.—Musical program.

### SATURDAY, JULY 16

- 6:30 p. m.—Children's program with Nona Clapp, "Sunshine Fairy;" Dolly Wright, "Dolly of Radioland;" Arthur Stevens, "King Arthur;" Marjorie G. Lowe, "June Bug;" Clark Paschal, 13-year-old saxophonist, and Joy sisters, Elaine and Marguerite.  
8:00 to 10:00 p. m.—Frolic program presenting Saturday night favorites.

Phone Wakefield 4771 for Factory Demonstration on a Kemper Portable



## Western "B" POWER UNIT

OUTPUT 0-180 VOLTS. OPERATES ANY SET. TWO VOLTAGE CONTROLS.  
NO HUM OR DISTORTION

Price \$18.50

Ask Your Dealer to Demonstrate

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# THE CRITICS APPROVE



Miss Kathleen Key, famous motion picture actress; Arthur Stone, feature comedian with First National Pictures, and Herb Brown listening to Mr. Brown's nationally known musical composition, "The Doll Dance," by the Landry-Dooley Band at Cinderella Roof, Los Angeles, with a Kemper Portable Radio.

**IF IT'S A PORTABLE SET, BE SURE IT'S A KEMPER**

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621 South Hill St.  
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14 Mercantile Arcade Bldg.  
1225 North Vine St.  
208½ S. Brand Blvd., Glendale  
49 E. Colorado St., Pasadena  
6633 Hollywood Blvd.

RADIO STUDIOS, 127 Fourth Ave., Seattle, Wash.  
JOHNSTONE RADIO CO., 688 Geary St., San Francisco  
KEMPER RADIO DISTRIBUTORS, 172 Tenth St., Portland, Ore.  
EDWIN H. GARRETT, Denver, Colo.

*Phone for a Demonstration*

## KEMPER RADIO CORPORATION

1236 Santee Street

WEStmore 1439

Los Angeles, Calif.

*"The Sweetheart of the Nation"*



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

# Hollywood, California—337 Meters

## KNX

500 WATTS—890 KILOCYCLES  
LOS ANGELES EVENING EXPRESS  
Paul G. Hoffman's Studebaker Bldg., 6116 Hollywood  
Blvd., Hollywood. Phone HEMPstead 4101  
NAYLOR ROGERS, Manager and Program Director  
GLEN RICE, Assistant Manager  
"The Voice of Hollywood"

### DAILY EXCEPT SUNDAY—

- 6:45 a. m.—"Mission Orange Earlybirds" exercises given by Dr. P. M. Seixas, through the courtesy of the Producers of Mission Orange Juice.
- 7:15 a. m.—"Pep and Vigor" exercises given by Dr. P. M. Seixas, through the courtesy of the Producers of Mission Orange Juice.
- 7:45 a. m.—"Orange Mission Home Folks" exercises given by Dr. P. M. Seixas through the courtesy of Producers of Mission Orange Juice.
- 8:00 a. m.—Inspirational talk and morning prayer.

- 8:55 a. m.—Time signals from Washington, D. C., followed by Birthday notices.
- 9:00 a. m.—Radio Shopping News, conducted by Carrie Preston Rittmeister.
- 10:00 a. m.—Town Crier of the day's morning message.
- 10:30 a. m.—Kate Brew Vaughn, director Household Economics Department, Evening Express except Friday and Saturday.
- 12:00 noon—Musical program.
- 12:30 p. m.—W. F. Alder Travelogue.
- 1:30 p. m.—The Bookworm.
- 2:00 p. m.—Musical program.
- 3:00 p. m.—C. P. R.'s musical program.
- 4:15 p. m.—Lost and Found announcements.
- 4:25 p. m.—Market reports.
- 5:00 p. m.—"Own Your Own Home" by Chet Mittendorf.
- 5:45 p. m.—The Town Tattler.
- 6:00 p. m.—Biltmore Hotel Orchestra, broadcast from the Biltmore Dining Room.

### DAILY EXCEPT SUNDAY AND TUESDAY—

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

### WEEK COMMENCING SUNDAY, JULY 10, 1927

#### SUNDAY, JULY 10

- 10:00 a. m.—First Presbyterian Church of Hollywood.
- 2:00 to 4:00 p. m.—City Park Board musical program.
- 5:15 p. m.—All Souls Church.
- 6:30 p. m.—Hollywood Unitarian Church.
- 7:00 p. m.—First Presbyterian Church of Hollywood.
- 8:00 p. m.—Circle Theater Concert Orch.
- 9:00 p. m.—Feature program.

#### MONDAY, JULY 11

- 4:00 p. m.—Paul Hugon.
- 4:30 p. m.—Little Jean and the Town Crier of the Day.
- 6:30 p. m.—Orthoformer Orchestra, courtesy Parmelee-Dohrmann Co.
- 7:00 p. m.—Dresslar Hardware Co. "Quick Meal" half hour.
- 7:30 p. m.—Playlet, courtesy Overell Furniture Company.
- 8:00 p. m.—L. W. Stockwell Co. courtesy program, presenting Calmon Luboviski, master violinist, and Claire Mellonino, concert pianist.
- 10:00 p. m.—Earl Burnett's Biltmore Hotel Orchestra.

#### TUESDAY, JULY 12

- 12:45 p. m.—Advertising Club Luncheon.
- 4:00 p. m.—Little Joyce Coad, movie star.
- 4:30 p. m.—Don Warner, popular pianist.
- 6:30 p. m.—Yale Radio Battery Orchestra.
- 7:00 p. m.—Playgoers Club.
- 7:30 p. m.—Fitzgerald Music Co. presenting the Ampico Knabe Piano.
- 8:00 p. m.—Tufts-Lyon Arms Co.
- 9:00 p. m.—Feature program.
- 9:30 p. m.—Cactus Manufacturing Company
- 10:00 p. m.—Hotel Ambassador; Gus Arnheim's Coconut Grove Orchestra.

#### WEDNESDAY, JULY 13

- 4:00 p. m.—Garden talk by Dewey R. Kruckeberg.
- 4:30 p. m.—Piano instruction by Allens Chaudet.

- 6:30 p. m.—Orthoformer Orchestra, courtesy Parmelee-Dohrmann Co.
- 7:30 p. m.—Thirty minutes of "Sunshine," by Charles W. Hamp.
- 8:00 p. m.—Broadway Dept. Store
- 10:00 p. m.—Earl Burnett's Biltmore Hotel Orchestra.

#### THURSDAY, JULY 14

- 11:00 a. m.—Talk on insects by H. W. McSpadden, mfr. Marvel Ant Gelatin.
- 4:25 p. m.—Louise Johnson, horoscopes.
- 6:30 p. m.—Yale Radio Battery Orchestra.
- 7:00 p. m.—Carthay Circle Theatre
- 8:00 p. m.—H. Jevne & Co.
- 10:00 p. m.—Earl Burnett's Biltmore Hotel Orchestra.

#### FRIDAY, JULY 15

- 12:45 p. m.—Charles Weeks, talking on "Intensive Little Farms."
- 4:00 p. m.—L. A. District Federation of Women's Clubs musical program.
- 6:30 p. m.—Orthoformer Orchestra, courtesy Parmelee-Dohrmann Co.
- 7:00 p. m.—Playgoers Club.
- 7:30 p. m.—Dresslar Hardware Co. "Quick Meal" half hour.
- 8:00 p. m.—Davis Perfection Bread Company courtesy program.
- 9:00 p. m.—Mr. and Mrs. Radio Skit.
- 10:00 p. m.—Main events from Hollywood Legion Stadium.

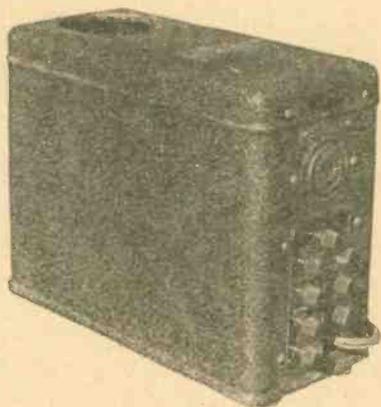
#### SATURDAY, JULY 16

- 4:00 p. m.—"Human Nature," Wm. Benton.
- 6:30 p. m.—Yale Radio Battery Orchestra.
- 7:00 p. m.—Stories of insect life by Harry W. McSpadden.
- 7:15 p. m.—Sunday church service announcements.
- 7:30 to 8:00 p. m.—Feature program.
- 8:00 p. m.—Feature program.
- 9:00 p. m.—Southern Tobacco Co. courtesy program.
- 10:00 p. m.—Earl Burnett's Biltmore Hotel Orchestra.
- 12:00 midnight—Midnight Express.

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### DAILY EXCEPT SUNDAY—

- 10:00 to 10:30 a. m.—M-I-L-A Hour.
- 12:00 to 12:30 p. m.—KFWB Shopping Directory.
- 12:30 to 1:00 p. m.—Who's Who.
- 1:00 to 2:30 p. m.—Classified Hour.
- 5:00 to 5:15 p. m.—Vacation Days.
- 5:15 to 5:45 p. m.—Radio Review.
- 5:45 to 6:00 p. m.—Town Tattler.
- 6:00 to 7:00 p. m.—Dinner Hour Concert.
- 10:00 to 11:00 p. m.—Musical program from Mayfair Hotel.

### WEEK COMMENCING SUNDAY, JULY 10, 1927

#### SUNDAY, JULY 10

- 8:30 to 9:00 p. m.—Program by courtesy of Southern California Music Co.
- 9:00 to 10:00 p. m.—Daily news, followed by Vitaphone Hour, presenting Vitaphone Recording Artists.
- 10:00 to 11:00 p. m.—Daily news, followed by Warner Bros. Frolic, with Eunice Wynn, soprano; LeRoy Kullberg and his guitar; Warner Bros. Dance Orchestra.

#### MONDAY, JULY 11

- 7:00 to 7:15 p. m.—Howard Clark, popular songs, courtesy of Dan Parker, tailor.
- 7:15 to 7:50 p. m.—Courtesy program.
- 7:50 to 8:00 p. m.—Daily news.
- 8:00 to 9:00 p. m.—Charlotte De Lovelace, blues songs; Sol Hoopii's Hawaiian Trio.
- 9:00 to 10:00 p. m.—Archie Ruggles, tenor; Chico DeVerde's String Quartet.

#### TUESDAY, JULY 12

- 11:00 to 11:30 a. m.—Pacific Electric Art in old time songs to banjo accompaniment.
- 7:00 to 7:20 p. m.—June Parker, blues singer; Don Warner, piano.
- 7:20 to 7:50 p. m.—Program by courtesy of Los Angeles Investment Co. presenting Chas. Beauchamp, tenor, and the Viewpark Trio under direction of Nicholas Ochi-Albi.
- 7:50 to 8:00 p. m.—Daily news.
- 8:00 to 9:00 p. m.—Eunice Wynn, popular songs; Vernon Rickard, tenor; Warner Bros. Dance Orchestra.
- 9:00 to 10:00 p. m.—John Ganton, tenor; LeGrant Concert Trio.

#### WEDNESDAY, JULY 13

- 7:00 to 7:20 p. m.—Ann Grey, blues songs; Lucille Scott, piano.
- 7:20 to 7:50 p. m.—Program by courtesy of Southern California Music Co.
- 7:50 to 8:00 p. m.—Daily news.
- 8:00 to 9:00 p. m.—Julius Phillips, tenor; Louise Sullivan's Trio under direction of Nicholas Ochi-Albi.

- 9:00 to 10:00 p. m.—Robert Cheatham, baritone; Monroe Jocker's Orchestra.

#### THURSDAY, JULY 14

- 3:00 to 3:30 p. m.—Program presented by Bureau of Public Safety of Los Angeles Police Dept.; Mr. Willard G. Thorpe, Los Angeles Police Commissioner, will give a brief talk.
- 5:00 to 5:15 p. m.—Vacation Days.
- 5:15 to 5:45 p. m.—Radio Review with Tom Breneman, baritone, and Don Warner.
- 5:45 to 6:00 p. m.—Town Tattler.
- 6:00 to 7:00 p. m.—Dinner Hour Concert.
- 7:00 to 7:20 p. m.—Sol Hoopii's Hawaiian Trio.
- 7:20 to 7:50 p. m.—Program by courtesy of L. A. Investment Co. presenting Charles Beauchamp, tenor, and Viewpark Trio, under direction Nicholas Ochi-Albi.
- 7:50 to 8:00 p. m.—Daily news.
- 8:00 to 9:00 p. m.—The Crooner, male quartet; Ray Bailey's String Trio.
- 9:00 to 10:00 p. m.—Charlotte De Lovelace, blues; Owen Fallon and his Californians.

#### FRIDAY, JULY 15

- 7:00 to 7:30 p. m.—Program by courtesy of Southern California Music Co.
- 7:30 to 7:50 p. m.—Howard Clark, popular songs, courtesy of Dan Parker, tailor.
- 7:50 to 8:00 p. m.—Daily news.
- 8:00 to 9:00 p. m.—Vernon Rickard, tenor; Hollywood Instrumental Trio.
- 9:00 to 10:00 p. m.—Borowsky's Russian Quartet; Emma Kimmel, soprano.

#### SATURDAY, JULY 16

- 7:00 to 7:30 p. m.—Dan Santos' Hawaiian Trio; Eunice Wynn, popular songs.
- 7:30 to 8:00 p. m.—Program by courtesy of Los Angeles Illustrated Daily News.
- 8:00 to 9:00 p. m.—Program by courtesy of Mona Motor Oil Co. presenting Lilyan May Challenger, contralto, and the Mona Motor Oil Co. String Quartet.
- 9:00 to 10:00 p. m.—Ruth Michaelson, blues songs; Warner Bros. Dance Orchestra.

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**E. K. BARNES**  
Asst. Mgr.

### DAILY EXCEPT SUNDAY—

- 7:00 to 7:30 a. m.—Prof. Barclay Stevens' Setting-up Exercises.  
7:30 to 8:00 a. m.—Louise Howatt's half hour of happiness.  
8:45 to 9:00 a. m.—Time Signals from Washington, D. C.  
11:15 to 12:15 p. m.—"Don't Go 'Way Folks" hour with Charlie Wellman (except Thursday).  
1:30 to 2:30 p. m.—Luncheon Dance Hour from Cafe Lafayette.  
3:00 to 4:00 p. m.—Extension Courses from U. S. C., except Saturday.  
5:30 to 8:00 p. m.—White King Male Quartet and Mona Content, concert pianist.  
6:00 to 6:15 p. m.—Nightly Doings.  
6:15 to 7:00 p. m.—Dinner hour program, courtesy of Corporation of Alhambra.  
7:00 to 7:30 p. m.—Fitzgerald Music Co. program.  
10:00 to 11:00 p. m.—Miller's Cafe Lafayette Dance Orchestra, direction of Ray West.  
11:00 to 12:00 p. m.—Estey Organ from Richardson's Music Store (Sundays, 10 to 12 m.)

### WEEK COMMENCING SUNDAY, JULY 10, 1927

#### SUNDAY, JULY 10

- 5:30 to 6:15 p. m.—White King Male Quartet and Mona Content.  
6:15 to 6:30 p. m.—Nightly Doings.  
6:30 to 7:00 p. m.—Half-hour of Cheer.  
7:00 to 8:00 p. m.—Miller's Cafe Lafayette  
8:00 to 10 p. m.—KMTR Feature program.  
10:00 to 12:00 p. m.—Estey Organ recital.

#### MONDAY, JULY 11

- 4:00 to 4:30 p. m.—J. P. Redding of the Ionica Co.  
5:15 to 5:30 p. m.—Health talk by Dr. Gilkerson.  
7:30 to 8:00 p. m.—Van DeGrift Shoe Company courtesy program.  
8:00 to 9:00 p. m.—Courtesy program.  
9:00 to 10:00 p. m.—Quality Stands Co., Inc. courtesy program.

#### TUESDAY, JULY 12

- 9:00 to 9:45 a. m.—Sylvia, the Blind Cook.  
9:45 to 10:00 a. m.—Charles Hamp, representing "Hair-A-Again."  
10:00 to 11:00 a. m.—Georgia O. George, "The Psychology of Beauty."  
4:00 to 4:30 p. m.—L. A. Police Quartet.  
4:30 to 5:15 p. m.—Parry's Elite Orchestra.  
5:15 to 5:30 p. m.—Talk on health by Dr. Robert T. Williams.  
6:15 to 6:30 p. m.—Platt Music Co. program, featuring Jean Leonard.  
7:30 to 8:00 p. m.—Valve Rotator Corp.'s program.  
8:00 to 8:30 p. m.—Courtesy program.  
8:30 to 9:00 p. m.—C. E. Toberman Company courtesy program.  
9:00 to 9:30 p. m.—Western Dept Store program.  
9:30 to 10:00 p. m.—Willys-Knight and Overland dealers' program.  
11:00 p. m. to 1:00 a. m.—Lafitte's Dance Orchestra.

#### WEDNESDAY, JULY 13

- 9:30 to 10:00 a. m.—Travel talk by Dr. S. I. Mathieson.  
5:15 to 5:15 p. m.—Chiropractic health talk.  
7:30 to 8:00 p. m.—Overell's Furniture Co. courtesy program. Featuring K M T R players.

- 8:00 to 9:00 p. m.—The Missay Shop courtesy program.  
9:00 to 10:00 p. m.—Corduroy Inc. Stores' program.

#### THURSDAY, JULY 14

- 9:00 to 10:00 a. m.—Sylvia, "The Blind Cook."  
10:00 to 10:15 a. m.—Charles Hamp, representing "Hair-A-Again."  
10:15 to 10:45 a. m.—"Diet Question Box."  
10:45 to 11:45 a. m.—Georgia O. George, "The Psychology of Beauty."  
5:00 p. m.—"Gleanings of a Bookworm."  
7:30 to 8:00 p. m.—Winslow B. Felix, Chevrolet Distributors courtesy program.  
8:00 to 10:00 p. m.—Puritas Vaudeville, through courtesy Puritas Distilled Water Co.

#### FRIDAY, JULY 15

- 8:15 a. m.—Broadcasting from the Breakfast Club.  
4:00 to 4:30 p. m.—Pacific Electric Art.  
6:15 to 6:30 p. m.—Platt Music Co. prog.  
7:30 to 8:00 p. m.—Charles Hamp, representing "Hair-A-Again."  
8:00 to 9:00 p. m.—Quality Stands, Inc., courtesy program.  
9:00 to 9:30 p. m.—C. E. Toberman courtesy program.  
9:30 to 10:00 p. m.—Willys-Knight Overland dealers' program.

#### SATURDAY, JULY 16

- 9:00 to 10:00 a. m.—Sylvia, "The Blind Cook."  
10:00 to 10:15 a. m.—Charles Hamp, representing "Hair-A-Again."  
10:45 to 11:15 a. m.—Gordon Whitnall of the City Planning Commission.  
2:30 to 3:00 p. m.—L. P. Taylor, Criminologist.  
4:00 to 4:20 p. m.—Radio talk by Forbes Van Why.  
7:40 to 8:00 p. m.—KMTR Movie Club.  
8:00 to 8:30 p. m.—Luna Park courtesy program.  
8:30 to 10:00 p. m.—Courtesy program.  
10:00 p. m.—Courtesy program.

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BERTRAM O. HELLER, Engr. and Asst. Mgr.

"In the Center of Greater Los Angeles"

### DAILY EXCEPT SUNDAY—

- 7:00 to 8:00 a. m.—Sparkletts Hour with Sitting-Up Exercises by Ben Price.  
10:00 to 11:00 a. m.—Hatch Graham's Song Revue.  
11:00 to 12:00 a. m.—Baron Keyes Diversities.  
2:00 to 4:00 p. m.—Palais de Dance by remote control, featuring Ralph Markey and his musical keys.
- 4:00 to 5:00 p. m.—Educational Hour.  
5:00 to 6:10 p. m.—Sundown Frolic and Amusement Suggestions.  
6:10 to 6:40 p. m.—Pipe organ recital by remote control from the studio of Albert Hay Malotte.  
6:40 to 6:55 p. m.—Brunswick Panatropé Records through the courtesy of Barker Bros.  
6:55 to 7:00 p. m.—Sports Review from the "Referee."  
10:00 to 11:00 p. m.—Palais de Dance, by remote control, featuring Ralph Markey and his musical keys.  
11:00 to 12:00 p. m.—Cinderella Roof, by remote control, featuring the Landry-Dooley Cinderella Roof Orchestra.

### WEEK COMMENCING SUNDAY, JULY 10, 1927

#### SUNDAY, JULY 10

- 6:00 to 7:00 p. m.—Angelus String Trio; E. Ruth Donegan, soprano.  
7:00 to 8:00 p. m.—Request hour; Wint Cotton, Leonard Van Berg, Red Wyatt.  
8:00 to 9:00 p. m.—Bud Riley's Honolulu Program.  
9:00 to 10:00 p. m.—Octavia Marx Trio; Fred Leedom Scott, tenor.

#### MONDAY, JULY 11

- 4:00 to 4:03 p. m.—Bulletin, Health Commissioner Geo. Parrish.  
7:00 to 7:30 p. m.—Studio Program.  
7:30 to 8:00 p. m.—Dance Band through the courtesy of Fred Solomon.  
8:00 to 9:00 p. m.—George A. Marek's program.  
9:00 to 10:00 p. m.—American Broadcasting Co. Program. Simultaneous with KYA, San Francisco, program originating at KFXB, Los Angeles.

#### TUESDAY, JULY 12

- 4:00 to 4:03 p. m.—Bulletin, Health Commissioner Geo. Parrish.  
7:00 to 7:30 p. m.—Red Wyatt and Kay O'Neil.  
7:30 to 8:00 p. m.—Dance Band through the courtesy of Fred Solomon.  
8:00 to 8:30 p. m.—Venna Taylor, Dolly Horne, LaMont Stetzer.  
8:30 to 9:30 p. m.—K F X B Metropolitan Dance Orchestra.  
9:30 to 10:00 p. m.—Round by round returns of main event from the Olympic Auditorium.

#### WEDNESDAY, JULY 13

- 4:00 to 4:03 p. m.—Bulletin, Health Commissioner Geo. Parrish.  
4:03 to 5:00 p. m.—Landry-Dooley Cinderella Roof Orchestra.

- 7:00 to 8:00 p. m.—Bill Henry, Dick Ross's Virginians, Dare Sisters.  
8:00 to 9:00 p. m.—Romola Hour. Fred Leedom Scott, Virginia McCoy, Coral Atkins.  
9:00 to 10:00 p. m.—K F X B Metropolitan Dance Orchestra; Tiny Newland.

#### THURSDAY, JULY 14

- 4:00 to 4:03 p. m.—Bulletin, Health Commissioner Geo. Parrish.  
7:00 to 7:30 p. m.—Lorna Minto Bates, Dorice Gordon.  
7:30 to 8:00 p. m.—Dance Band through the courtesy of Fred Solomon.  
8:00 to 8:30 p. m.—Edward Pose Ballad Ensemble.  
8:30 to 9:00 p. m.—Mabel and Billy Duo; Fred Wesley, Catherine O'Neil.  
9:00 to 10:00 p. m.—Angelus String Trio; James Mulligan, G. E. Roletti.

#### FRIDAY, JULY 15

- 4:00 to 4:03 p. m.—Bulletin, Health Commissioner Geo. Parrish.  
7:00 to 8:00 p. m.—Bill Henry, Edna Cook, Dick Ross's Virginians.  
8:00 to 9:00 p. m.—Louise Moody String Trio; Lucy May Story, child soprano.  
9:00 to 10:00 p. m.—American Broadcasting Co. Program. Simultaneous with KYA, San Francisco, program originating at KYA, San Francisco.

#### SATURDAY, JULY 16

- 4:00 to 5:00 p. m.—Landry-Dooley Cinderella Roof Orchestra.  
7:00 to 7:30 p. m.—Studio Program.  
7:30 to 8:00 p. m.—Dance Band through the courtesy of Fred Solomon.  
8:00 to 9:00 p. m.—Charlie Diamond and his pupils.  
9:00 to 10:00 p. m.—Wint Cotton, Leigh Harline, Baron Keyes, etc.

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DAILY EXCEPT SUNDAY AND MONDAY—

10:30 to 11:00 a. m.—Sunshine Hour.  
 11:30 a. m. to 12:30 p. m.—Noonday Musical.  
 6:30 to 7:30 p. m.—Angelus Hour.

DAILY EXCEPT SUNDAY, MONDAY, WEDNESDAY, SATURDAY—

2:30 to 3:30 p. m.—Gray Studio Program.

Aimee Semple McPherson

WEEK COMMENCING SUNDAY, JULY 10, 1927

SUNDAY, JULY 10

10:30 a. m. to 12:30 p. m.—Sunday morning worship. Smith Wigglesworth, evangelist;

2:30 to 4:30 p. m.—Afternoon Dispensational Service by Student Evangelists.

6:30 to 9:30 p. m.—Revival service by Smith Wigglesworth.

10:00 to 11:00 p. m.—Organ Recital by Roy Reed Brignal.

TUESDAY, JULY 12

3:30 to 4:30 p. m.—Vesper Hour. Organ Recital by Roy Reed Brignal.

6:30 to 7:30 p. m.—Angelus Hour Gray Studio program

7:30 to 9:15 p. m.—Evangelistic Services by Student Evangelists.

WEDNESDAY, JULY 13

6:30 to 7:30 p. m.—Angelus Hour Gray Studio program

7:30 to 9:30 p. m.—Regular mid-week prayer service by Smith Wigglesworth.

THURSDAY, JULY 14

3:30 to 4:30 p. m.—Vesper Hour.

6:30 to 7:30 p. m.—Angelus Hour program

7:30 to 9:30 p. m.—Regular Water Baptismal Service by Smith Wigglesworth.

9:15 to 10:00 p. m.—Gray Studio program.

10:00 to 11:00 p. m.—Organ Recital by Roy Reed Brignal.

FRIDAY, JULY 15

3:30 to 4:30 p. m.—Vesper Hour. Organ Recital by Roy Reed Brignal.

6:30 to 7:30 p. m.—Angelus Hour program

7:30 to 9:30 p. m.—Crusader Rally. Sermon by Smith Wigglesworth.

10:00 to 11:00 p. m.—Back Home Hour. Angelus Temple Band.

SATURDAY, JULY 16

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

6:30 to 7:30 p. m.—Gray Studio program.

7:30 to 9:30 p. m.—Divine Healing Service conducted by A. C. Roberts, evangelist.

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DAILY EXCEPT SUNDAY—

8:45 to 9:15 a. m.—Devotional Hour.

11:00 a. m.—Lecture.

2:00 to 3:00 p. m.—Inspirational Hour.

8:00 to 3:00 p. m.—Inspirational Hour.

DAILY EXCEPT FRIDAY AND SUNDAY—

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

WEEK COMMENCING SUNDAY, JULY 10, 1927

SUNDAY, JULY 10

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

3:00 to 4:00 p. m.—Jewish Radio Hour.

6:00 to 7:00 p. m.—Radio vesper service. Address by Dr. John M. MacInnis.

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

MONDAY, JULY 11

8:00 to 9:00 p. m.—Biblical Exposition, by Dr. Louis S. Bauman.

TUESDAY, JULY 12

8:00 to 9:00 p. m.—Piano and organ recital, with lecture on Psalms.

WEDNESDAY, JULY 13

8:00 to 9:00 p. m.—Biblical Exposition, by Dr. John McNeill.

THURSDAY, JULY 14

8:00 to 9:00 p. m.—Biblical Exposition, by Dr. W. E. McCulloch.

FRIDAY, JULY 15

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

7:00 to 8:00 p. m.—Exposition of International Sunday School lesson.

8:00 to 9:00 p. m.—Biblical Exposition, by Dr. W. E. McCulloch.



Dave Ward

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 Gladstone 3196; Gladstone 3197  
 DAVE WARD, Program Director and Announcer  
 L. E. TAFT, Technical Engineer  
 ALLEN FAIRCHILD, Guest Announcer

DAILY EXCEPT SUNDAY—

6:00 to 7:00 p. m.—Panatropé Dinner Hour.  
 1:00 to 1:10 p. m.—News bulletins, courtesy of L. A. Record.  
 1:10 to 1:40 p. m.—The Book Lover.

MONDAY, TUESDAY, WEDNESDAY, THURSDAY—

12:00 to 1:00 p. m.—Hazel McCauley and the "Office Boy."

THURSDAY ONLY—

3:30 to 4:00 p. m.—Tryouts (not broadcast).

WEEK COMMENCING MONDAY, JULY 11, 1927

MONDAY, JULY 11

7:00 to 8:00 p. m.—Sylvia Harding Trio;  
 Don Stevens, baritone.  
 8:00 to 9:00 p. m.—Myra Belle Vickers hour.  
 9:00 to 11:00 p. m.—Hollywood Pals; Frank  
 Martin, Helen McColl.

TUESDAY, JULY 12

7:00 to 8:00 p. m.—Ed Pose and the Pose  
 Ensemble; E. Ruth Donigan and Clayton  
 W. Lunham.  
 8:00 to 9:00 p. m.—Carl Fisher's Orchestra  
 and Wm. Mitnick.  
 9:00 to 11:00 p. m.—Southern Serenaders,  
 Minnie Petrie, Billy Sullivan, Ned Miller  
 and the Morris Sisters.

WEDNESDAY, JULY 13

1:40 to 2:00 p. m.—L. A. Polict Foursome.  
 7:00 to 7:10 p. m.—Dare's Letter.  
 7:10 to 8:00 p. m.—Sylvia Harding Trio.  
 Don Stevens, baritone.  
 8:00 to 9:00 p. m.—The Waikiki Trio and  
 Al Flanigan.  
 9:00 to 11:00 p. m.—Bill Worth program;  
 Virginia King, Anderson's Orchestra and  
 others.

THURSDAY, JULY 14

7:00 to 8:00 p. m.—Leslie E. Taft. Ques-  
 tions and Answers on Radio.  
 8:00 to 9:00 p. m.—New China Cafe Or-  
 chestra and Jack Goode.  
 9:00 to 11:00 p. m.—Dance Orchestra; Lar-  
 ry and Verne Cannon, "Buddies in Har-

mony"; Don Stevens and Allen Dale in  
 ballads.

FRIDAY, JULY 15

12:00 to 1:00 p. m.—Jack Lee and Greenwich  
 Village Cafe Orchestra.  
 7:00 to 7:15 p. m.—Dr. McKenna, talk on  
 pets.  
 7:15 to 8:00 p. m.—Clint Stevenson's Ha-  
 waiian Trio; Margaret Ruth Kernan.  
 8:00 to 9:00 p. m.—Dixie Demons and Rae  
 Silverman.  
 9:00 to 11:00 p. m.—Art Bridge's Orches-  
 tra; Helen McColl, Hale Hooper and Al  
 Rotray.

SATURDAY, JULY 16

12:00 to 1:00 p. m.—Dave Mack and the Pa-  
 ris Inn Cafe Orchestra; Bert Roverre.  
 7:00 to 7:30 p. m.—Phillip Tronitz Classical  
 Hour.  
 7:30 to 8:30 p. m.—KFQZ Radio Players.  
 8:30 to 9:30 p. m.—California Eagle Pro-  
 gram.  
 9:30 to 11:00 p. m.—Horwitz Brothers Or-  
 chestra; Dick Powers, Larry and Verne  
 Cannon, Bud Riley, Jean Talbot and Bob  
 Hall.

SUNDAY, JULY 17

8:00 to 9:00 p. m.—Columbia Viva-Tonal  
 Recordings.  
 9:00 to 11:00 p. m.—Lon Goldwater's Or-  
 chestra; Irma Sofer, Al Ybarra, Virginia  
 King, Allen Dale.



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DAILY EXCEPT SUNDAY—

12:15 p. m.—News Bulletin.  
 6:00 to 6:15 p. m.—Late News Review.

WEEK COMMENCING SUNDAY, JULY 10, 1927

SUNDAY, JULY 10

11:00 a. m.—Services from the First Baptist  
 Church of Pasadena.

MONDAY, JULY 11

6:00 p. m.—News bulletins and David Law-  
 rence talk on "Our Government."  
 8:00 to 9:00 p. m.—Program by Southern  
 California Artists' Ensemble.

TUESDAY, JULY 12

8:00 to 9:00 p. m.—Star-News concert with

James H. Shearer, organist; Frederick  
 MacMurray, viola soloist; George Frenger,  
 tenor solist.

THURSDAY, JULY 14

8:00 to 9:00 p. m.—Star-News Concert.

FRIDAY, JULY 15

6:00 p. m.—News bulletins.

8:00 to 9:00 p. m.—Star-News Concert.

SATURDAY, JULY 16

8:00 to 9:00 p. m.—Star-News Concert.

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WEEK COMMENCING SUNDAY, JULY 10, 1927

SUNDAY, JULY 10

10:45 a. m. to 12:30 p. m.—Sunday morning service.

5:00 to 6:00 p. m.—Vesper service, Holywood Presbyterian Church.

7:00 to 8:00 p. m.—Thrinity Choir Musical program.

8:00 to 9:00 p. m.—Rev. Bob Shuler, s Pre-lude Questions and Sermon.  
9:00 to 10:00 p. m.—Old Songs Quartet.  
10:00 to 10:30 p. m.—Bob Shuler's Family Alter Service.

TUESDAY, JULY 12

6:30 to 7:00 p. m.—Richardson's Orthophonic Recital.  
7:00 to 7:30 p. m.—Dr. J. A. B. Fry of Holly Methodist Church.  
7:30 to 8:00 p. m.—Lawrence, violinist, and J. T. Rumbles, Scotch baritone.  
8:00 to 8:30 p. m.—Los Angeles Church Federation.  
8:30 to 9:00 p. m.—Dot Sunday School Class of Trinity.  
9:00 to 9:30 p. m.—Rev. Bob Shuler's Doctrinal Talk.  
9:30 to 10:00 p. m.—Gertrude Alter and Marle Spary.

WEDNESDAY, JULY 13

6:00 to 6:45 p. m.—Dorothy Spencer's Children's Hour.

6:45 to 7:45 p. m.—O. D. Conrey Bible Class.

7:45 to 8:30 p. m.—Collis Beegower Orchestra of Fullerton.

8:30 to 9:30 p. m.—Bob Shuler's Question Hour.

9:30 to 10:00 p. m.—Mary Grace McLaughlin, Gertrude Alter and Bernice Morrison Brubaker.

FRIDAY, JULY 15

6:30 to 7:00 p. m.—Richardson's Orthophonic Recital.

7:00 to 7:30 p. m.—Dr. Fredus Nelson Peters.

7:30 to 8:00 p. m.—Mr. Howard Martin's Musical program.

8:00 to 8:30 p. m.—Rev. Bob Shuler's Civic Talk.

8:30 to 9:30 p. m.—Southern California Holiness Association.

9:30 to 10:00 p. m.—Studio Musical Program.

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DAILY EXCEPT SUNDAY—

6:30 to 8:30 p. m.—Breakfast Hour; Joey Starr's KGFJ Orchestra.  
8:30 to 9:30 p. m.—Gordon Smith's Radiotising Service.  
12:00 to 4:30 p. m.—Studio Program.  
6:00 to 7:00 p. m.—Roy M. Johnson Motor Co., program.  
7:00 to 8:00 p. m.—Gordon Smith's Radiotising Service.  
8:00 to 9:00 p. m.—El Patio Ballroom by remote control.

WEEK COMMENCING MONDAY, JULY 11, 1927

MONDAY, JULY 11

12:00 p. m. to 2:00 a. m.—Blue Monday Frolic.

TUESDAY, JULY 12

1:00 to 1:15 p. m.—Health Talk by Jack Staub.  
2:30 to 3:30 p. m.—Studio program; Rose Erickson and Helen Martel, Harmony singers; Helen Boatright, popular songs; George Wood, songs.  
3:30 to 4:30 p. m.—Lou Parker, contra-contralto, and Blanche Cooper, pianist.

WEDNESDAY, JULY 13

2:30 to 3:30 p. m.—Studio program; Homer Gane, baritone; Billy Benton, popular singer; Jack Brooks, songs.  
3:30 to 4:30 p. m.—Lou Parker, contra-contralto, and Blanche Cooper, pianist.

THURSDAY, JULY 14

1:00 to 1:15 p. m.—Psychology Talk by Florenz Norris.

2:30 to 3:30 p. m.—Studio program; George Wood, songs; Laurence Kyle, tenor; Helen Boatright, popular singer.

3:30 to 4:30 p. m.—Lou Parker, contra-contralto, and Blanche Cooper, pianist.

FRIDAY, JULY 15

2:30 to 3:30 p. m.—Studio program; Jack Martin's Red Hot Aces from Pal's Tavern; George Wood, songs; Mrs. Lee Barnes, songs.

3:30 to 4:30 p. m.—Lou Parker, contra-contralto, and Blanche Cooper, pianist.

SATURDAY, JULY 16

2:30 to 3:30 p. m.—Studio program; Venetian Joymakers; Katherine Williamson and Elora Swall; George Wood, songs; Helen Boatright, songs; Mrs. Lee Barnes, singer.  
3:30 to 4:30 p. m.—Lou Parker, contra-contralto, and Blanche Cooper, pianist.



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**DAILY EXCEPT SUNDAY—**

- 12:00 to 1:00 p. m.—Studio concert.
- 6:45 to 7:00 p. m.—Merchants' Musical Review.
- 7:00 to 7:15 p. m.—Weather, special news items
- 7:15 to 7:20 p. m.—Lost and Found notices.
- 7:20 to 7:30 p. m.—What's doing in town

**WEEK COMMENCING SUNDAY, JULY 10, 1927**

**SUNDAY, JULY 10**

- 7:15 to 8:15 p. m.—Sunday evening concert. Courtesy program.
- 8:15 to 9:15 p. m.—KFCR Concert Orchestra and Cousin Jack.

**MONDAY, JULY 11**

- 7:30 to 8:30 p. m.—KFCR Concert Trio in courtesy program.
- 8:30 to 9:30 p. m.—Home merchants' courtesy program.

**TUESDAY, JULY 12**

- 7:30 to 8:30 p. m.—KFCR Orchestra in courtesy program and Cousin Jack.
- 8:30 to 9:30 p. m.—Home merchants' courtesy program. Orchestra and vocal.

**WEDNESDAY, JULY 13**

- 7:30 to 8:30 p. m.—KFCR Orchestra and soloists in courtesy program.
- 8:30 to 9:30 p. m.—Dance orchestra.

**THURSDAY, JULY 14**

- 7:30 to 8:30 p. m.—KFCR Studio Concert Orchestra in courtesy program.
- 8:30 to 9:30 p. m.—Home merchants' courtesy program and Cousin Jack.

**FRIDAY, JULY 15**

- 7:30 to 8:30 p. m.—KFCR Musical Quartet.
- 8:30 to 10:00 p. m.—Studio Frolic.

**SATURDAY, JULY 16**

- 12:00 to 1:00 p. m.—Studio concert.
- 6:15 to 7:30 p. m.—Merchants' musical review.

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### DAILY—

4:30 to 6:00 p. m.—Piggly Wiggly Concert Orchestra.

6:00 to 6:15 p. m.—"Happiness & Harmony," by Doris & Clarence.

6:15 to 7:00 p. m.—Piggly Wiggly Concert Orchestra.

### DAILY EXCEPT SATURDAY AND SUNDAY—

9:30 to 10:00 a. m.—Organ Recital—Second Church of Christ, Scientist.

10:00 to 10:15 a. m.—Studio Program.

10:15 to 10:30 a. m.—Devotional Period.

10:30 to 11:30 a. m.—Physiology of Beauty,

### DAILY EXCEPT SUNDAY—

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

12:00 noon.—Lost and Found announcements.

4:00 to 4:30 p. m.—Press-Telegram Late News, by Frank Goss.

### DAILY EXCEPT MONDAY—

2:30 to 4:00 p. m.—Long Beach Municipal Band Concert.

8:00 to 9:00 p. m.—Press-Telegram presenting L. B. Municipal Band.

### WEEK COMMENCING SUNDAY, JULY 10, 1927

#### SUNDAY, JULY 10

11:00 to 12:30 p. m.—Church of the Nazarene, Rev. L. A. Reed.

12:30 to 1:00 p. m.—Markwell Salt Water Taffy Shop.

1:00 to 2:00 p. m.—Birkel Music Co.

2:00 to 2:30 p. m.—Prizma Dye Co.

4:00 to 4:30 p. m.—Studio Organ Recital.

7:00 to 7:45 p. m.—Gaskill Mfg. Co. & Missman Radio Co.

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

9:00 to 12:00 noon.—"Studio Frolic."

#### MONDAY, JULY 11

12:00 to 12:30 p. m.—Moore's Apparel Shop.

12:30 to 1:00 p. m.—American Markets.

1:00 to 1:30 p. m.—"The Chevrolet Twins."

1:30 to 2:00 p. m.—Studio Program.

2:00 to 3:00 p. m.—"California Agitators."

3:00 to 4:00 p. m.—Capitol Theatre Organ.

7:00 to 8:00 p. m.—Blue Chicken Inn Hawaiian Trio.

8:00 to 9:00 p. m.—"Piggly Wiggly Haymakers."

9:00 to 12:00 a. m.—Kiwanis Frolic.

#### TUESDAY, JULY 12

12:00 to 12:30 p. m.—"MotoPower"—California Petroleum Products Co.

12:30 to 1:00 p. m.—Georgia O. George and authorized Hair-A-Gain Shops.

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

7:00 to 7:30 p. m.—Birkel Music Company.

9:00 to 10:00 p. m.—Piggly Wiggly Hour.

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

11:00 to 12:00 a. m.—Majestic Ballroom Orchestra.

#### WEDNESDAY, JULY 13

12:00 to 12:30 p. m.—Moore's Apparel Shop.

12:30 to 1:00 p. m.—American Markets, Musical Program.

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

1:30 to 2:00 p. m.—"The Chevrolet Twins."

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

7:00 to 7:50 p. m.—Texas Cowboys in Old-time dance music.

7:50 to 8:00 p. m.—The Woman & The Law, by Herbert Middleditch.

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

10:00 to 11:00 p. m.—Cloverleaf Chocolate Company.

11:00 to 12:00 a. m.—Pacific Coast Club Orchestra—remote control.

#### THURSDAY, JULY 14

12:00 to 12:30 p. m.—"MotoPower"—California Petroleum Products Co.

12:30 to 1:00 p. m.—Georgia O. George & authorized Hair-A-Gain Shops.

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

2:00 to 2:30 p. m.—Health & Efficiency, by Dr. Elmer S. Clark.

7:00 to 7:30 p. m.—"The Candy Kids," Markwell Salt Water Taffy Shop.

7:30 to 8:00 p. m.—"Intensive Little Farms" by Chas. Weeks.

8:10 to 8:20 p. m.—Poly Hi Evening School, by Dick Carlson.

9:00 to 10:00 p. m.—Prizma Dye Hour.

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

11:00 to 12:00 a. m.—Majestic Ballroom Orchestra—remote control.

#### FRIDAY, JULY 15

12:00 to 12:30 p. m.—Moore's Apparel Shop.

12:30 to 1:00 p. m.—American Markets, musical program.

1:00 to 1:30 p. m.—"The Chevrolet Twins," presented by Chief Chamberlain & Scotty McCracken.

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

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

7:00 to 7:30 p. m.—Church of Christ.

7:30 to 8:00 p. m.—Studio Program.

9:00 to 10:00 p. m.—Cloverleaf Chocolate Company.

10:00 to 12:00 a. m.—Elks' Frolic.

#### SATURDAY, JULY 16

9:30 to 10:30 a. m.—Studio Program.

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

12:00 to 12:30 p. m.—"MotoPower"—California Petroleum Products Co.

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

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

10:00 to 11:00 p. m.—Capitol Theatre Organ—Dick Dickson at the Console.

11:00 to 12:00 a. m.—Pacific Coast Club Orchestra—remote control.

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### DAILY EXCEPT SUNDAY—

4:00 to 4:45 p. m.—Smiling Circle with Tom.  
6:00 to 7:00 p. m.—Club Casa Del Mar.  
7:00 to 8:00 p. m.—Merchants Preview Hour.  
10:00 to 11:00 p. m.—Club Casa Del Mar.

### DAILY EXCEPT MONDAY—

2:30 to 4:00 p. m.—Santa Monica Municipal Band.  
8:00 to 9:00 p. m.—Band Concert.  
2:30 p. m.—Band Concert.

3:00 to 3:15 p. m.—Bay Builders' Exchange Booster program.

WEEK COMMENCING SUNDAY, JULY 10, 1927

#### SUNDAY, JULY 10

10:45 to 11:45 a. m.—Pilgrim Lutheran Church services, remote control.  
6:15 to 6:15 p. m.—The Pirate Band.  
6:15 to 7:00 p. m.—Pilgrim Lutheran Church services.  
7:00 to 8:00 p. m.—Club Casa Del Mar organ concert, remote control.  
9:00 to 10:00 p. m.—Club Casa Del Mar

#### MONDAY, JULY 11

7:30 to 8:00 p. m.—Charles Hamp, representing the Iona Company.  
8:00 to 8:15 p. m.—"Little Ant Man."  
8:00 to 10:00 p. m.—Main Studio program.

#### TUESDAY, JULY 12

9:00 p. m.—Public Safety Talk by Judge Louis P. Russill.  
9:00 to 10:00 p. m.—Main Studio program.

#### WEDNESDAY, JULY 13

7:45 p. m.—Talk by Eugene Biscalluz.  
9:00 to 9:30 p. m.—Club Casa Del Mar Orchestra.  
9:30 to 10:30 p. m.—Boxing matches, courtesy Ocean Park Athletic Club.  
10:30 to 11:00 p. m.—Club Casa Del Mar Orchestra.

#### THURSDAY, JULY 14

9:00 to 10:00 p. m.—Main Studio program, featuring Julius K. Johnson.

#### FRIDAY, JULY 15

9:00 to 10:00 p. m.—Main Studio program.

#### SATURDAY, JULY 16

9:00 to 10:00 p. m.—Main Studio program.  
11:00 to 12:00 p. m.—Cables Club, remote control.

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#### DAILY EXCEPT MONDAY—

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

#### MONDAYS

Silent.

#### WEDNESDAYS

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

#### THURSDAYS

6:00 to 6:30 p. m.—Wrigley Chimes.

#### SUNDAYS

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

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DAILY EXCEPT SUNDAY—

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

Mary Elizabeth Carter WEEK COMMENCING MONDAY, JULY 11, 1927

MONDAY, JULY 11

9:00 to 10:00 p. m.—Clui Moore and College Cronies. Fred Wesley, tenor; Estelle Kendig, soprano; Juanita Kennedy, contralto; Tiny, Jack and Buck, KFVD Harmony Trio.

TUESDAY, JULY 12

9:00 to 10:00 p. m.—Homer Sale and his Bay Boys. Dorothy Berry, the Harmony Girl; Hal Denny, violinist; Esther Jacobson, soprano; Carlotta Jacobson, whistler; Cliff Corman and his guitar; Scott McConnell, tenor.

WEDNESDAY, JULY 13

4:30 to 6:00 p. m.—Georgie Fabregat and his Tivoli Orchestra.

9:00 to 10:00 p. m.—Harry R. Knabenshue, tenor; Roy T. Davis, whistler; Calla Gialand, contralto; Virginia Reverton, soprano; Elizabeth Blair Davis, soprano.

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

THURSDAY, JULY 14

9:00 to 10:00 p. m.—Marvin Christensen, tenor; KFVD String Quartet; Clyde Waller, tenor; Jay Howland and his Musical Saw; Lucy Allen, soprano.

FRIDAY, JULY 15

9:00 to 10:00 p. m.—Marbelite Corporation of America courtesy program. Morris Lensky, Russian baritone; Fremont High School Quartet; Lauraine C. Smith, soprano; Mme. Tessie Weiss, soprano.

SATURDAY, JULY 16

4:30 to 6:00 p. m.—Georgie Fabregat and his Tivoli Orchestra.

9:00 to 10:00 p. m.—Eva Day Dixon; Doty Twins and Earl; Tiny, Jack and Buck, the KFVD Harmony Trio; Grace Widman, contralto.

SUNDAY, JULY 17

6:00 to 12:00 p. m.—Cush Branch and his orchestra from Venice Ball Room.

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### DAILY EXCEPT SUNDAY—

10:00 to 11:00 a. m.—Amy Lou Shopping Hour.

6:00 to 7:00 p. m.—Nightly Musical Review.

### WEEK COMMENCING SUNDAY, JULY 10, 1927

#### SUNDAY, JULY 10

11:00 a. m. to 12:30 p. m.—Services Unitarian Church, Howard B. Bard, Pastor.

3:00 to 4:00 p. m.—Temple services of the Theosophical University at Point Loma.

#### MONDAY, JULY 11

7:00 to 8:00 p. m.—Hent Ballroom Orch.

8:00 to 9:00 p. m.—Program arr. by Sally Canaday Huff.

9:00 to 10:00 p. m.—Airfan Radio Corporation Musical Program.

#### TUESDAY, JULY 12

7:00 to 8:00 p. m.—Classical Orthophonic Recital.

8:00 to 9:00 p. m.—State College Program.

9:00 to 10:00 p. m.—Airfan Radio Corporation Program.

#### WEDNESDAY, JULY 13

7:00 to 7:30 p. m.—Program courtesy Security Trust & Savings Bank.

7:30 to 8:30 p. m.—Concert program furnished by Theosophical University.

8:30 to 9:00 p. m.—Program courtesy Columbia Store, 741 Broadway.

9:00 to 10:00 p. m.—Airfan Radio Corporation Program.

#### THURSDAY, JULY 14

7:00 to 7:45 p. m.—San Diego Police Dance

7:00 to 8:00 p. m.—The Little Ant Man.

8:00 to 9:00 p. m.—Program from Unitarian Church by remote control.

9:00 to 10:00 p. m.—Airfan Radio Corporation Program.

#### FRIDAY, JULY 15

7:00 to 8:00 p. m.—Popular Orthophonic Recital.

8:00 to 9:00 p. m.—Program arranged by San Diego Optometrists.

9:00 to 10:00 p. m.—Airfan Radio Corporation Program.

#### SATURDAY, JULY 16

7:00 to 8:00 p. m.—San Diego High School

8:00 to 9:00 p. m.—Franco-American Hour

9:00 to 10:00 p. m.—Airfan Radio Corporation Program.

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Announcer

## San Francisco, California—422 Meters

# KPO

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MRS. FREDERICK CROWE, Program Director  
ALBERT J. HODGES, Technical Director  
Phone Kearney 5777

"The Voice of San Francisco"

### DAILY EXCEPT SUNDAY—

6:45 to 9 a. m.—Health and Happiness Perfol.  
10:30 to 10:45 a. m.—"Ye Towne Crier."  
11:30 to 1:00 p. m.—Kane's Hawaiians.  
12:00 noon—Time signals.  
1:00 to 2 p. m.—Rudy Seiger's Concert Orchestra.  
2:30 p. m.—Play by play of ball game.  
4:30 to 5:30 p. m.—Palace Hotel concert orchestra.  
5:30 to 6:00 p. m.—Children's Hour.  
6:00 to 6:30 p. m.—"Ye Towne Crier."  
6:30 to 7:00 p. m.—States Restaurant orchestra.  
7:00 to 7:30 p. m.—Rudy Seiger's Concert Orchestra.  
7:30 to 8:00 p. m.—DX period.

### WEEK COMMENCING SUNDAY, JULY 10, 1927

#### SUNDAY, JULY 10

2:45 to 4:30 p. m.—Play-by-play broadcast of baseball games from Recreation Park, sponsored by San Francisco branch of the manufacturers of White King and Mission Bell Soaps.  
6:00 to 6:30 p. m.—States Restaurant Orchestra, Waldemar Lind director.  
6:30 p. m.—"Ye Towne Crier," giving general information.  
6:35 to 8:35 p. m.—Palace Hotel Concert Orchestra, Cyrus Trobde director.  
8:35 to 10:00 p. m.—Rudy Seiger's Fairmont Hotel Concert Orchestra.

#### MONDAY, JULY 11

8:00 to 9:00 p. m.—Program by National Broadcasting Company.  
9:00 to 10:00 p. m.—Program for Shell Company of California, KPO-KF1.  
10:00 to 12:00 p. m.—KPO's Variety Hour, featuring KPO's well-known artists.

#### TUESDAY, JULY 12

8:00 to 9:00 p. m.—Dan Casey's Fireside Hour.  
9:00 to 10:00 p. m.—National Broadcasting Company program.  
10:00 to 11:00 p. m.—Palace Hotel Rose Room Dance Orchestra, Gene James director.

#### WEDNESDAY, JULY 13

8:00 to 9:00 p. m.—Program by the Atwater Kent Artists, under the auspices of Ernest Ingold, Inc.  
9:00 to 10:00 p. m.—National Broadcasting Company program.  
10:00 to 11:00 p. m.—States Restaurant Orchestra, Waldemar Lind director.

#### THURSDAY, JULY 14

8:00 to 9:00 p. m.—Caswell Hour.  
9:00 to 10:00 p. m.—National Broadcasting Company program.  
10:00 to 11:00 p. m.—Palace Hotel Rose Room Dance Orchestra, Gene James director.

#### FRIDAY, JULY 15

8:00 to 9:00 p. m.—Calpet program for California Petroleum Corporation.  
9:00 to 10:00 p. m.—National Broadcasting Company program.  
10:00 to 11:00 p. m.—States Restaurant Orchestra, Waldemar Lind director.

#### SATURDAY, JULY 16

8:00 to 9:00 p. m.—National Broadcasting Company program.  
9:00 to 12:00 p. m.—Goodrich Silvertown Cord Orchestra, Cyrus Trobde conducting.  
12:00 to 1:00 a. m.—Palace Hotel Rose Room Dance Orchestra, Gene James director.

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Announcer

## Oakland, California—384 Meters

# KGO

5000 WATTS—780 KILOCYCLES  
PACIFIC COAST STATION, GENERAL ELECTRIC CO.  
Phone Fruitvale 5980

### DAILY EXCEPT SATURDAY AND SUNDAY—

11:30 a. m. to 1:00 p. m.—Hotel Leamington Trio.  
12:30 and 7:00 p. m.—Stock and weather reports. Baseball scores.  
4:00 to 5:00 p. m.—Ed. Fitzpatrick's Concert Orchestra.  
6:00 to 6:55 p. m.—Bem's Little Symphony Orchestra.  
6:55 to 7:30 p. m.—Weather and stock reports.

### WEEK COMMENCING SUNDAY, JULY 10, 1927

#### SUNDAY, JULY 10

11:00 a. m.—First Baptist Church service, Oakland; Rev. J. Whitcomb Brougher, D.D., pastor.  
6:30 to 7:30 p. m.—Concert by Stanislas Bem's Little Symphony Orchestra, Hotel Whitcomb, San Francisco.  
7:30 p. m.—Weather bureau report.  
7:35 to 9:00 p. m.—First Baptist Church service, Oakland; Rev. J. Whitcomb Brougher, D.D., pastor.  
9:00 to 10:00 p. m.—National Broadcasting Company program.

#### MONDAY, JULY 11

5:30 to 6:00 p. m.—Aunt Betty (Ruth Thompson) stories; KGO Kiddies' Klub.  
6:45 p. m.—"What's Happening in the World," John D. Barry.  
8:00 to 9:00 p. m.—National Broadcasting Company program.

#### TUESDAY, JULY 12

4:00 to 5:00 p. m.—Ed Fitzpatrick and his Hotel St. Francis Concert Orchestra.  
8:00 to 9:00 p. m.—Oakland studio. The Pilgrims. Eveready program by National Carbon Company.  
9:00 to 10:00 p. m.—National Broadcasting Company program.  
10:00 to 10:30 p. m.—"HM" and "JP" entertain.

10:30 to 11:00 p. m.—Surprise broadcast.

#### WEDNESDAY, JULY 13

4:00 to 5:00 p. m.—Ed Fitzpatrick and his Hotel St. Francis Concert Orchestra.  
8:00 to 9:00 p. m.—Vacation program; W. O. W. Male Trio; "Fishin' Jim Pike;" road information, California State Automobile Association. "Safety First on the Water," Al E. Williams. Gregory Golubeff, mandolin soloist.

9:00 to 10:00 p. m.—National Broadcasting Company program.

#### THURSDAY, JULY 14

4:00 to 5:00 p. m.—Ed Fitzpatrick and his Hotel St. Francis Concert Orchestra.  
5:00 to 6:00 p. m.—George W. Ludlow, "Friend to Boys."  
8:00 to 9:00 p. m.—"The Stubbornness of Geraldine," a drama in three acts, by Clyde Fitch, presented by the KGO Players, Wilda Wilson Church directing. Music, Pacific Trio.  
9:00 to 10:00 p. m.—National Broadcasting Company program.

#### FRIDAY, JULY 15

4:00 to 5:00 p. m.—Ed Fitzpatrick and his Hotel St. Francis Concert Orchestra.  
5:30 p. m.—Da-Ra-O, wise man from the Land-O-Health.  
8:00 to 9:00 p. m.—Western Artist Series concert. Mme. Berthe Baret, French violinist. Eva Garcia, piano. Elfrieda Steindorff, soprano, in program of selected numbers from her costume recitals.  
9:00 to 10:00 p. m.—National Broadcasting Company program.  
10:00 to 11:00 p. m.—Frank Ellis and his Hotel St. Francis dance orchestra.

#### SATURDAY, JULY 16

4:00 to 5:00 p. m.—Ed Fitzpatrick and his Hotel St. Francis Concert Orchestra.  
8:00 to 9:00 p. m.—National Broadcasting Company program.  
9:00 to 10:00 p. m.—Program by the Wharry Lewis Quintette.  
10:00 to 11:00 p. m.—Wilt, Gunzendorfers Hotel Whitcomb Band, San Francisco. Intermission solos by Rose Lind and Rod Smith.

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California Distributor for Cadillac and LaSalle  
1000 WATTS—660 KILOCYCLES  
HARRISON HOLLIWAY, Manager  
FRANK MOSS, Musical Director  
"Keep Forever Radiating Cheer"

### DAILY EXCEPT SUNDAY—

- 7:00 to 7:45 a. m.—Early Bird program by Simpleton Fitts.
- 7:45 to 8:15 a. m.—Financial Review.
- 8:15 to 9:00 a. m.—Musical Program.
- 10:00 to 11:00 a. m.—Sherman Clay Concert.
- 12:00 to 1:00 p. m.—Luncheon Concert.
- 6:30 to 7:00 p. m.—Cecelian Trio.

### WEEK COMMENCING SUNDAY, JULY 10, 1927

#### SUNDAY, JULY 10

- 12:00 noon to 1:00 p. m.—Services and sermon from Paulist Fathers' Old St. Mary's Church, Grant Ave. and California St.; Rev. Edw. T. Mallon, pastor.
- 5:00 to 6:00 p. m.—Twilight recital, Mme. Sophie Samorkova, soprano; Theo. Strong, organist; Austin Kent, violinist.
- 6:00 p. m.—Stage and Screen.
- 6:30 to 8:30 p. m.—Mark Hopkins Hotel Concert Orchestra.
- 8:30 to 9:30 p. m.—Cabricia Cafe Orchestra.
- 9:30 to 10:30 p. m.—Walter Krausgrill and his Balcanodes Ballroom Orchestra.

#### MONDAY, JULY 11

- 11:00 to 11:30 a. m.—Household Hints by Mary Lewis Haines of The Call.
- 11:30 to 12:00 noon—Amateur try-outs.
- 4:30 to 5:30 p. m.—Organ recital by Theodore Strong.
- 5:30 to 6:00 p. m.—Mac and his Gang.
- 6:00 to 6:25 p. m.—Jo Mendel and his Pep Band of the Lido Cafe.
- 7:00 to 7:30 p. m.—Eddie Harkness' Mark Hopkins Dance Orchestra.
- 8:00 to 10:00 p. m.—Blue Monday Jamboree with Mac's Haywire Orchestra, KFRC Hawaiians, Harvey Austin, baritone; detective story by J. J. Kane, etc.
- 10:00 to 12:00 p. m.—Eddie Harkness' Mark Hopkins Dance Orchestra.

#### TUESDAY, JULY 12

- 11:00 to 11:30 a. m.—Doings of Dorothy.
- 11:30 to 12 noon—Amateur try-outs.
- 4:30 to 5:30 p. m.—Organ Recital by Theodore Strong.
- 5:30 to 6:25 p. m.—Mac and his Gang.
- 7:00 to 7:30 p. m.—Eddie Harkness' Mark Hopkins Dance Orchestra.
- 8:00 to 8:35 p. m.—KFRC Radio Movie Club.
- 8:35 to 8:45 p. m.—Professor Norman Schnitzel.
- 8:45 to 9:45 p. m.—Walter Krausgrill's Balcanodes Ballroom Orchestra and Backstedt's Old-time Band.
- 9:45 to 12:00 p. m.—Eddie Harkness' Mark Hopkins Dance Orchestra.

#### WEDNESDAY, JULY 13

- 11:00 to 11:30 a. m.—Household Hints by Mary Lewis Haines of The Call.
- 11:30 to 12:00 noon—Amateur try-outs.
- 4:30 to 5:30 p. m.—Organ Recital by Theodore Strong.
- 5:30 to 6:25 p. m.—Mac and his Gang.
- 7:00 to 7:30 p. m.—Eddie Harkness' Mark Hopkins Dance Orchestra.
- 8:00 to 9:00 p. m.—"Gypsy Life"—a program of gypsy music by the KFRC String

- Ensemble, Harry McKnight, tenor, and Juanita Tennyson, soprano.
- 9:00 to 10:00 p. m.—Studio program by the Ensemble with soloists.
- 10:00 to 12:00 p. m.—Walter Krausgrill's Balcanodes Ballroom Orchestra.

#### THURSDAY, JULY 14

- 11:00 to 11:30 a. m.—Doings of Dorothy.
- 11:00 to 12:00 noon—Amateur try-outs.
- 4:30 to 5:30 p. m.—Organ Recital by Theodore Strong.
- 5:30 to 6:25 p. m.—Mac and his Gang.
- 6:20 to 6:30 p. m.—Madame Marie's Beauty Talk.
- 7:00 to 7:30 p. m.—Eddie Harkness' Mark Hopkins Dance Orchestra.
- 8:00 to 9:00 p. m.—MonaMotor Oil Co. presents the Knickerbocker Orchestra with Mae Thompson, soprano, and Bob Olsen, tenor.
- 9:00 to 10:00 p. m.—Maxwell House Coffee Co. presents the Maxwell House Coffee Orchestra; Juanita Tennyson, soprano,
- 10:00 to 12:00 p. m.—Eddie Harkness' Mark Hopkins Dance Orchestra.

#### FRIDAY, JULY 15

- 11:00 to 11:30 a. m.—Aunt Martha's Hints to Home-makers.
- 11:30 to 11:40 a. m.—Victor, chef of Hotel Mark Hopkins.
- 11:40 to 12:00 noon—Amateur try-outs.
- 4:30 to 5:30 p. m.—Organ Recital by Theodore Strong.
- 5:30 to 6:25 p. m.—Mac and his Gang.
- 7:00 to 7:30 p. m.—Eddie Harkness' Mark Hopkins Dance Orchestra.
- 8:00 to 9:00 p. m.—"American Composers," the next of the musical education series, featuring this evening the KFRC String Ensemble; Juanita Tennyson, soprano; Lucille Atherton Harger, contralto, and Harry McKnight, tenor.
- 9:00 to 10:00 p. m.—Musical program.
- 10:00 to 11:00 p. m.—Walter Krausgrill's Orchestra and Billie Backstedt's Old-time Band from Balcanodes Ballroom.
- 11:00 to 12:00 p. m.—Eddie Harkness' Mark Hopkins Dance Orchestra.

#### SATURDAY, JULY 16

- 11:00 to 12:00 noon—Amateur try-outs.
- 4:00 to 5:30 p. m.—Tea dansant by Eddie Harkness' Mark Hopkins Orchestra.
- 5:30 to 6:25 p. m.—Mac and his Gang.
- 7:00 to 7:30 p. m.—Eddie Harkness' Mark Hopkins Dance Orchestra.
- 8:00 to 12:00 p. m.—Eddie Harkness' Mark Hopkins Dance Orchestra.
- 12:00 to 1:00 a. m.—Walter Krausgrill's Balcanodes Ballroom Orchestra.

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STEPHEN I. GAYLORD  
Announcer

## Portland, Oregon—491.5 Meters

# KGW

1000 WATTS—610 KILOCYCLES  
THE MORNING OREGONIAN  
"Keep Growing Wiser"

### DAILY EXCEPT SUNDAY—

- 7:15 a. m.—Setting up exercises.  
9:45 to 10:00 a. m.—Women's health exercises.  
10:00 to 11:30 a. m.—Town Crier, weather reports, news items.  
12:30 to 1:30 p. m.—Noon concert.  
6:00 to 7:00 p. m.—Dinner Concert.  
7:30 to 7:45 p. m.—Weather and market reports.

### WEEK COMMENCING SUNDAY, JULY 10, 1927

#### SUNDAY, JULY 10

- 10:25 to 12:00 noon—Morning services from the St. Stephen's Pro-Cathedral.  
7:30 to 9:00 p. m.—Evening services from the Hinson Memorial Church.  
9:00 to 10:00 p. m.—N. B. C. program.  
10:00 to 11:00 p. m.—Public Service Little Symphony Orchestra.

#### MONDAY, JULY 11

- 7:45 to 8:00 p. m.—American Express Company, "Travel Talk."  
8:00 to 9:00 p. m.—N. B. C. program from San Francisco.  
9:00 to 10:00 p. m.—Venetian Hour.  
10:00 to 12:00 midnight—Dance music by Cole McElroy's Spanish Ballroom Dance Band.

#### TUESDAY, JULY 12

- 2:00 to 3:00 p. m.—Women's matinee.  
7:00 to 7:30 p. m.—"Travelogue" presented by Harkins Trans. Co.  
8:00 to 9:00 p. m.—Educational program.  
9:00 to 10:00 p. m.—N. B. C. program.  
10:00 to 12:00 p. m.—Dance music, featuring Herman Kenin and his orchestra.

#### WEDNESDAY, JULY 13

- 8:00 to 9:00 p. m.—Concert by Universal De Luxe Orchestra and soloist, simultaneously with KFOA, Seattle, Wash., and pre-

sented by A. V. Shotwell Corp.

- 9:00 to 10:00 p. m.—National Broadcasting Company program.

#### THURSDAY, JULY 14

- 7:45 to 8:00 p. m.—Lecture given under the auspices of the Catholic Truth Society of Oregon.  
8:00 to 9:00 p. m.—Vaudeville entertainment.  
9:00 to 10:00 p. m.—N. B. C. program.  
10:00 to 12 midnight—Cole McElroy's Spanish Ballroom Dance Band.

#### FRIDAY, JULY 15

- 2:00 to 3:00 p. m.—Women's matinee.  
7:30 to 8:00 p. m.—Neighborhood Drug Store Four, presented by Blumauer-Frank Drug Company.  
8:00 to 9:00 p. m.—Concert.  
9:00 to 10:00 p. m.—National Broadcasting Company program.  
10:00 to 10:30 p. m.—Edwards Golden Jubilee Entertainers, with soloist.  
10:30 to 12 midnight—Weekly frolic of the Keep Growing Wiser Order of Hoot Owls.

#### SATURDAY, JULY 16

- 8:00 to 9:00 p. m.—National Broadcasting Company program.  
10:00 to 12:00 p. m.—Dance music, featuring Herman Kenin and his orchestra.



## WARNING!

Notice is hereby given that all firms or persons making unauthorized use of my name as a bolster for their merchandise or themselves, will be held accountable to the fullest extent of the law.

I also want to impress upon the radio public that the "Technical Laboratory" is not given to the practice of commercializing its reputation by promiscuously recommending any article not having real merit.

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## Broadcasters' Digest

Major Mott, of KFWO fame, advises us that he left for New York last Sunday evening, to be present in the East at the burial of his mother, whose body has been brought to New York from Europe on his father's yacht. The Major asks, therefore, that his many thousands of air pals be not anxious as to why his voice is not heard from the Isle With a Smile for the next three weeks. It is the Major's intention to be back at his microphones on Tuesday, the 26th of July. While East, he is going to Washington to pay his grateful respects to the Radio Commissioners.

KFWO will "carry on" in its usual 100 per cent manner, under the able studio guidance of Miss Frances Hewitt, and engineering ability of Martin Paggi. The reports from listeners to the Famous Catalina Island Marine Band are all to the effect that it is "going over without a flaw."

A night to which thousands of KMTR fans look forward with interest is Ruth Roland Night. In addition to the work of the inimitable Ruth herself, Ben Bard, Fox Star, has recently been acting Master of Ceremonies, and with his ready wit and spontaneous humor, has added much to a program that has always been entertaining.

Walter Biddick, although very busy, always finds time to do something for the other fellow. His latest is a radio party for the boys at the Soldiers' Home at Sawtelle. This radio party will be given from Warner Brothers Station KFWB within the next two weeks.

The New York Society for Prevention of Cruelty to Children from time to time broadcasts a request if listeners know of any child in distress or in need of attention that the society be notified.

### McKINLEY "B" ELIMINATOR

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No Tubes  
No Acids  
Variable  
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Will Operate  
Any Radio Up  
to 6 Tubes  
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## Timely Trade Topics

The boys have all straggled home from the RMA convention in Chicago, with one exception. W. D. Scott (Scotty), is still among the missing. However, our fears were stilled just as this issue went to press, for a letter from the missing delegate shows him to be still busy acquiring new lines, and he is very much "pepped up" over his new connections.

The Master-Craft Products Company of Chicago are marketing a very ingenious little device for rejuvenating tubes which sells for one dollar. The only power required is your own B battery or eliminator, and either 199 or 201 tubes may be quickly renewed. One renewed tube pays for the instrument. Carl A. Stone of 305 Allied Crafts Bldg., Los Angeles, is representing the manufacturer.

The Reliable Radio Sales and Service Company, of 114 North Market street, Inglewood, Calif., was robbed during the night of June 30 of a Radiola Semi-Portable Receiver (fully equipped), serial number 517619; a Western Electric Power Amplifier and a Western Electric Speaker. Dealers and individuals are warned to be on the lookout for these items, in case they are offered for sale or trade-in. The Reliable Company will pay a substantial reward for information leading to the recovery of this merchandise or apprehension of the robbers. Telephone Inglewood 993.

A new type of grid leak and resistor that can be soldered is manufactured by the Electro-Motive Engineering Corp. of New York, and marketed under the trade name of "Hy-Watt." A conductive, metallized deposit is fused at high temperatures into the outer surface of a vitreous tube. The ends of this tube are then silver-plated. The unit is then

spiraled to the exact resistance desired. The finished unit is sealed-in and forms a permanent, noiseless, accurate resistor. Both 6 and 12-watt types are furnished. The manufacturer is represented locally by Marshank Sales Company, 224 East 16th street, Los Angeles.

Mr. E. J. Gearhart has just returned to Fresno after a week's stay in Los Angeles and Southern California. He was visiting the trade with his district manager, Mr. S. A. Windsor. Mr. Gearhart has just developed the Selectrol unit, to be used in conjunction with the Atwater Kent receiving set. Sales promotion has been rapidly progressing with tremendously satisfactory results wherever a new territory is opened, according to Mr. Gearhart.

Mr. J. W. Laycock has purchased the Radio Manufacturers' Distributing Company from Mr. S. A. Windsor. He is now located at 1551 Venice Boulevard, Los Angeles, California.

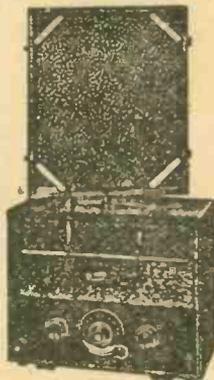
Mr. George E. Lane, for the last ten months manager of the Los Angeles House of H. Earle Wright, Inc., has resigned his position; and Mr. M. G. Sues, who has for a number of years been secretary-treasurer of the company, has taken his place.

Mr. Sues is well known in the radio business on the Pacific Coast, as he has been with the H. Earle Wright Company for over four years. Mr. Sues invites all of his friends to come in and see him.

Kierulff & Ravenscroft, of Los Angeles and San Francisco, report that the demand for Majestic B Eliminators is keeping up to a wonderful degree. Mr. Mitchell, General Manager, believes that this should be the greatest year that the radio industry has ever experienced for B Power Units.

# At Home or on Vacation

*There are none so deaf as those who will not hear. The home without a radio receiving set is being denied that which it can ill afford to lose.*



*Enjoy it at Home  
or Take It With  
You Anywhere*

**\$70.00**

Stripped

**\$89.25**

Complete

Weight Only 24 Lbs.

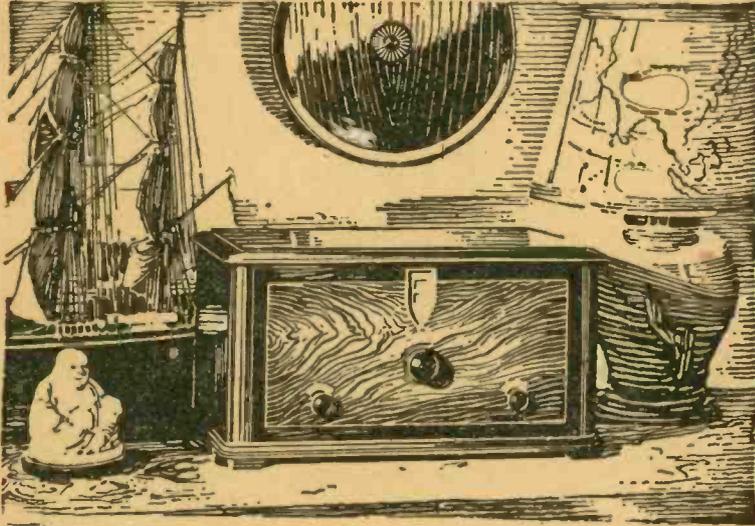
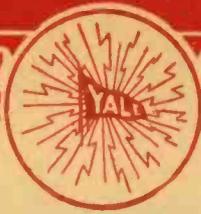


In this beautiful black leatherette case measuring less than a cubic foot is contained a powerful five-tube radio set complete with A Batteries, two 45-volt B Batteries, loud speaker, and loop antenna. The circuit, which is based on a principle developed after many months of research, enables the receiver to pick up the faintest signals on its small, self-contained loop antenna—amplify them many times—and bring them in loud and clear.

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