

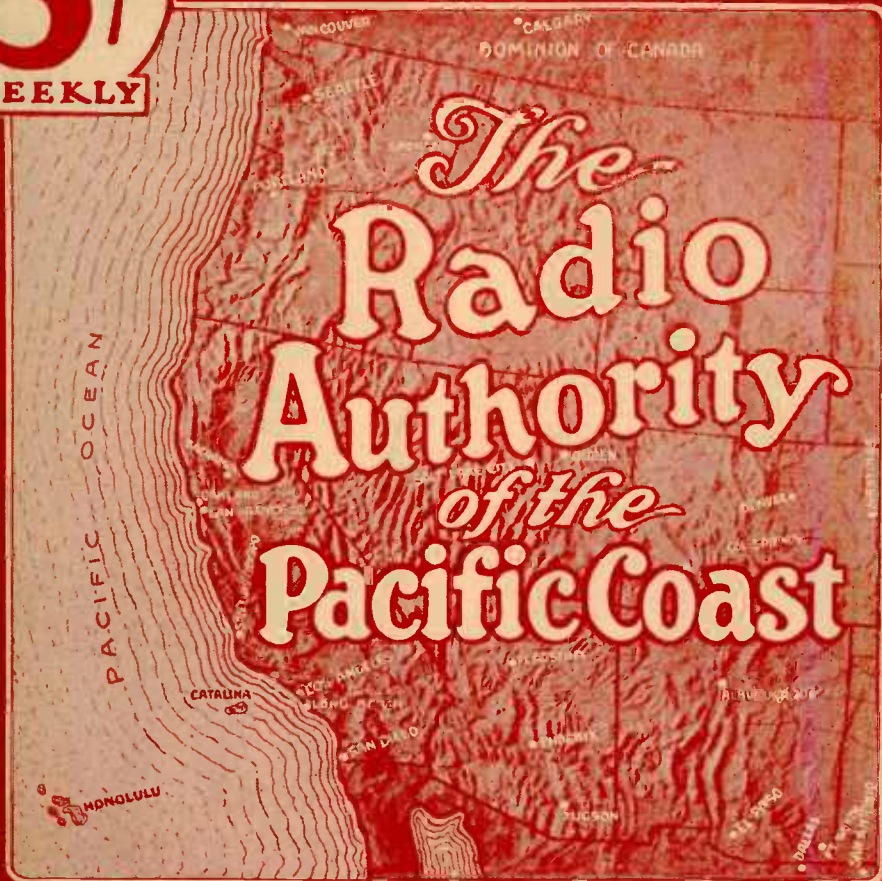
# RADIO DOINGS

THE RED BOOK OF RADIO

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LEADING BROADCAST STATIONS · DETAILED  
DAILY PROGRAMS · LATEST RADIO NEWS

5¢

WEEKLY



Vol. VII

OCTOBER 11-17, 1925

No. 15

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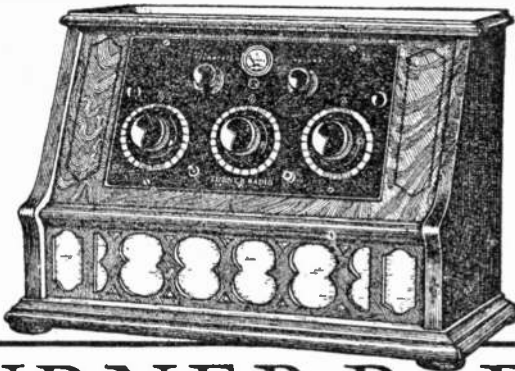


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Vol. VII Los Angeles OCTOBER 10, 1925 San Francisco No. 15

## This Week's Features!

FINAL ANNOUNCEMENT OF PRIZE CONTEST

THE WHY OF RADIO (FIFTEENTH INSTALLMENT)

QUESTION AND ANSWER DEPARTMENT

DIAGRAM OF 4 CIRCUIT COCKADAY SET

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MANY OTHER INTERESTING FEATURES

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distributors of Willard Storage Batteries.

Van Horne Tubes are an important advance  
in this kind of radio equipment because they  
combine efficient results with unusually low  
current consumption.



## Well Known Radio Expert Praises Van Horne Tubes

M. B. Sleeper, editor of Radio Engineering, says in the September issue:—“We used Van Horne 3VA Tubes as amplifiers (in building the RX-1.) They are designed to operate on 3 volts, but the resistance of 20 ohms rheostat is sufficient to handle a 6-volt storage battery. These tubes give as good results as the  $\frac{1}{4}$  ampere tubes and draw only  $\frac{1}{8}$  ampere each. The total ‘A’ battery current drain by the set, with 3VA’s for amplifiers, is only  $\frac{1}{2}$  ampere. This is very small indeed when you consider that the other sets require five  $\frac{1}{4}$  ampere tubes to give as much volume and draw  $1\frac{1}{4}$  amperes or more than twice as much current.”

Van Horne Tubes are made in 2 sizes—  
3V-A and 5V-A.

# Silver Beauty Battery Chargers

**T**HE Silver Beauty Battery Charger is likewise a step forward. It charges both 'A' and 'B' batteries and to change the charge from 'A' to 'B' requires only turning a handy little switch.

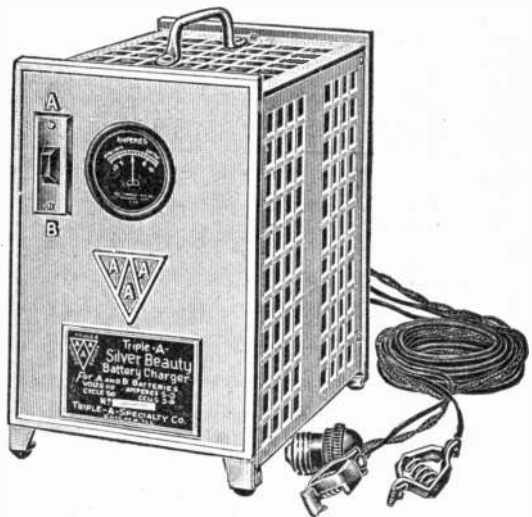
The Silver Beauty is noiseless, too, and has a number of other real advantages.

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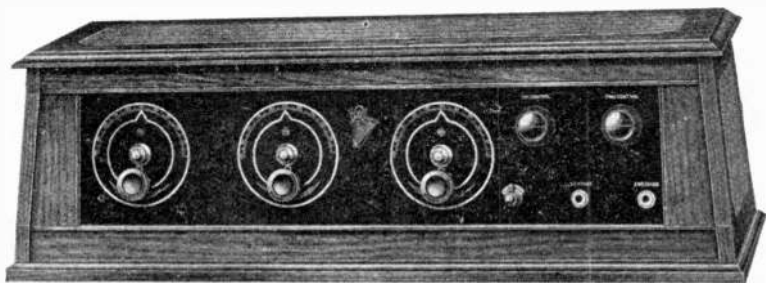
## Ammeter Built Into Charger

The Silver Beauty contains a built-in ammeter that shows just how the charger is performing. Comes in handsome aluminum case. Light and easy to carry. Made in 2-amp. and 5-amp. sizes. The full 5-amp. charger will recharge the average 'A' battery or 'B' batteries over-night. The 2-amp. size requires slightly longer.

To change the charger from 'A' to 'B' simply move the switch to proper mark.



# Selectivity means more with the Valleytone



#### Potential Balance exclusive in the Valleytone

The *potential balance* method of suppressing oscillation and preventing distortion is used for the first time and exclusively in the Valleytone Radio Receiver.

Reception is clear and mellow—free from the thin, hard, metallic sound and the howls and squeaks which have been the plague of radio.

#### Valley Toroidal Coils

The Valleytone is the first manufactured set to use *Toroidal coils*. The *Valley Toroidal* winding allows a greater coupling ratio between primary and secondary. The result is an appreciable increase in volume.

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The Valleytone is mounted in a solid walnut cabinet, finished in two tones with inlaid gold stripes. Also built in beautiful console models. Special Valley tables with built-in loud speaker may be obtained for the cabinet model.

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With the Valleytone, you can enjoy radio as never before. You can get a station if it is on the air and transmitting strongly enough to reach you. You can choose your stations by the clock and hear them with the Valleytone.

The Valleytone is a five-tube set. It is manufactured by an old established company with the experience and the resources to assure you always the utmost in radio value.

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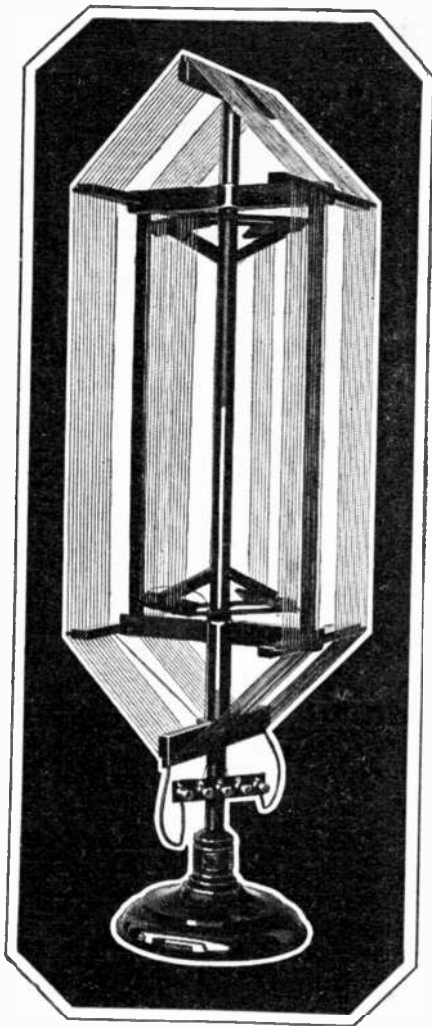
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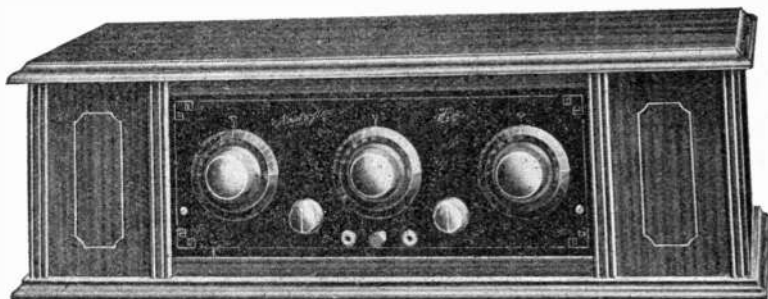
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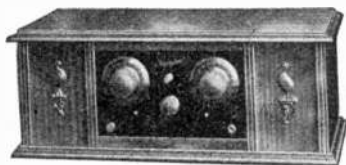
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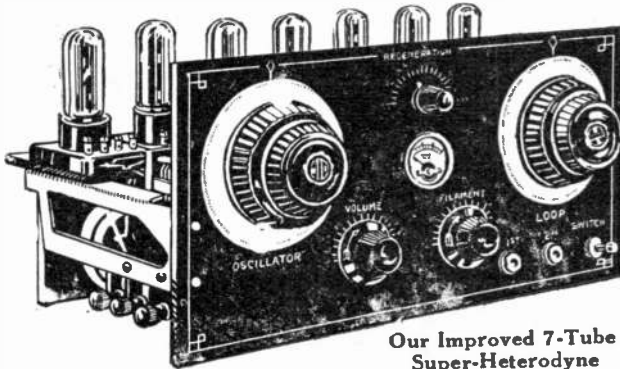
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More "kick" out of a short-wave set than anything else; parts cost very little; takes one hour to build, and you can get KDKA—Pittsburgh—in the daytime. Blue-prints and full instructions, \$1.00. Materials for making your own coils, 50c. Coils already made up with blue-prints, \$2.50. Kit complete, \$9.75.

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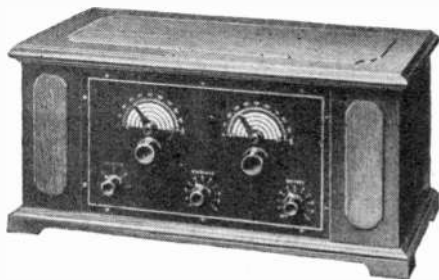
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All sets sold on most liberal terms.

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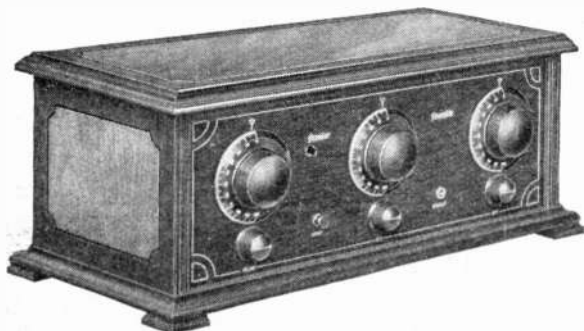
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**Divide the Wave Length Into 300,000,000 To Get Cycles  
Then Divide the Result By 1,000 To Get Kilocycles**

### THE EXPLANATION WHY!

With the coming of straight-line frequency condensers, the fan wants to know the frequency of the broadcast station instead of its wave length, in order to simplify the tuning.

The following simple formula may be used to convert meters wave length to cycles frequency:

$$\text{Frequency (in cycles)} = \frac{300,000,000}{\text{wave length}}$$

In other words, divide the wave length into 300,000,000 and the result will be the frequency in cycles. Now divide this result by 1000 and you will have kilocycles.

The 300,000,000 represents the speed of radio waves in meters, per second. This is equivalent to 186,000 miles per second. You can see the reason for the above formula, for if our waves cover 300,000,000 meters distance in a second, and each one is, for instance, 252 meters in length, by dividing 252 into 300,000,000 we find that there will be 1,190,000 waves per second. The antenna current must pass through that same number of cycles to set up these waves, hence the frequency of the antenna current is 1,190,000 cycles per second, or 1190 kilocycles per second.

Get the idea?

## Five New Broadcasters Licensed

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| Call |   | Frequency<br>Keys | Wavelengths<br>Meters | Power<br>Watts |
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# They Entertain You



**Left**—Miss Mary Fisher, talented violinist of Station KFWA, Ogden, Utah.

**Upper Right**—Miss Lee Kent, the little lady of Station KFWB, who chases away your blues with her inimitable “blue” numbers.

**Lower Right**—Here is R. K. C., product of a Wyoming cattle ranch—announcer at KOA, who conducts the daily weather and stock reports. By name he is Ralph K. Clark.



# The Why of Radio

By K. G. ORMISTON, A. M. I. R. E.

Technical Editor Radio Doings

Broadcast Engineer, KFSG

**EDITOR'S NOTE.**—*This is the fifteenth installment of RADIO DOINGS' complete Course in Radio. It began with the issue of July 4th and will cover every phase of radio from the basic principles to and including every device and set now in use. This course will be continued from week to week.*

The crystal detector! For many, many years radio telegraphy struggled along with a fine wire and a lump of mineral as the heart of the receiving set. Then with the invention and appearance of the DeForest audion, or vacuum tube, the crystal gradually disappeared, only to be resurrected again when broadcasting sprang into being.

Today, little is expected of the crystal receiver,—but in the days when we had nothing better and necessity forced us to be patient and careful in tuning and adjusting, great distances were satisfactorily covered even for the exacting requirements of commercial purposes. This thought leads on to another, until the years are spanned, and I can hear the swish of the sea against the side of the ship, the flapping of the canvas awning over the promenade deck outside, the steady pounding of the engines below. The white wake of the churning propellers stretches out in the moonlight behind us in the direction of Hawaii and beyond to San Francisco, where, 3000 miles away, KPH, the Marconi station at Daly City, will in a few moments start his nightly press transmission. Instinctively braced against the gentle roll of the ship, with bated breath, we patiently scratch around that lump of galena hunting for a "sensitive" spot—Ah! That sounds pretty "live" now—there's plenty of static and a couple of Jap ships on the northern run jabbering away in their peculiar code. Then with a thrill we recognize that distinctive note of old

"PH" as his rotary gap gains speed and the "CQ" we have been waiting for comes to our ears. We pick up a pencil and commence to copy—"London—Lloyd George officially stated—etc., etc." For 45 minutes, with straining ears and suppressed breath we copy the news for the morning paper. When "PH" has finished with a cheery "Good morning," we throw down the headphones and with a big sigh of relief adjourn to a steamer chair on the deck outside and for a while watch the mast-head trace queer patterns among the stars, and think about the marvels of radio!

The really remarkable thing about long distance radio with crystal receivers is that the energy which actuates the headphone diaphragm actually comes from the distant transmitting station.

But, let's cut out the romancing and get down to business. Dissatisfaction with the crystal method of rectification led experimenters to develop other means of accomplishing the same thing more efficiently and without the troublesome and delicate adjustment necessary with the crystal. Dr. Fleming of England, produced the Fleming valve, shortly followed by the audion tube of Dr. DeForest, which is our three element vacuum tube of today.

We will begin at this point a study of the vacuum tube. We must go back to the electron, the basis of all matter. The electron, as we have previously stated, is the ultimate particle of mat-

## The Why of Radio

ter, having a mass 1-1800th of the smallest of all atoms, hydrogen. It is essentially but a minute charge of negative electricity. The different atoms (there being but seventy odd) which make up all the matter of our universe, differ from each other apparently only in the number and arrangement of electrons, which in conjunction with a positive nucleus or "ion" make up the atom. The electrons are in motion, and this motion varies with the temperature, increasing in rapidity as the temperature rises. When sufficient heat is applied we reach a point where the motion of the electrons is so violent that they tear themselves away from the parent atom. The atom then is positively charged since a portion of the negative has been removed upsetting the stable balance which formerly existed. The positive atom then exerts an attraction upon the negative electrons and pulls them back, some however escaping.

A convenient way in which to cause this electronic discharge is to pass an electric current through a fine wire or filament, contained within a glass bulb, from which the gases we call air have been removed. This is done for two reasons, first, oxygen, one of the gases in the air, tends to prohibit the liberation of the electrons, and secondly, the wire must be heated so hot to start

the electronic discharge that were it exposed to the air oxidation would take place so rapidly that our wire would decompose in an instant, just as an electric lamp filament promptly burns up if the tip is broken off the globe, letting the air in. Therefore, we mount our specially made filament within an evacuated bulb, and heat it by passing an electric current through it. We mount also in this bulb a second element, called a plate, and bring out a connection therefrom. Now we connect this device into our receiving circuit as shown in the diagram, Figure 6. It simply takes the place of the crystal detector, and its operation as a rectifier is immediately apparent. When the filament is heated to the necessary temperature for the electronic discharge to take place from the filament, a certain number of the escaping electrons will strike against the plate P. This steady stream of electrons moving from filament to plate will serve as a bridge or conductor of electricity for us in that particular direction, but of course there can be no passage of electricity in the opposite direction, namely from plate to filament.

So it is readily understood how this arrangement will function as a rectifier in place of the crystal. This type of tube was called the Fleming valve,

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Selectivity, Volume, Tonal Quality.

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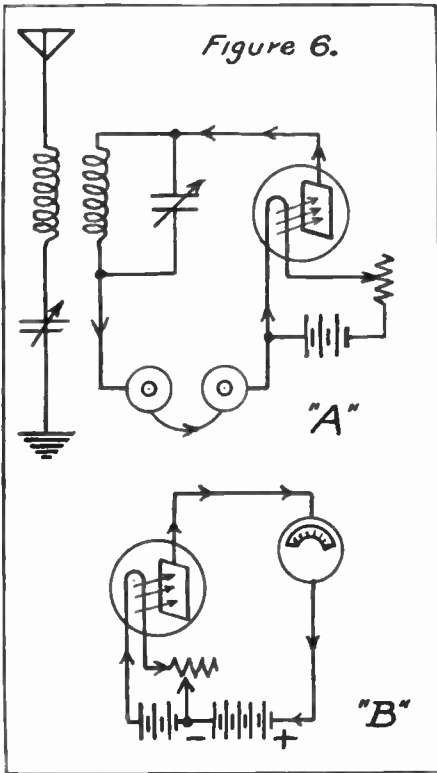
Los Angeles, Calif.

## The Why of Radio

or two-element tube. It is now obsolete because of the great improvement made by DeForest in adding the third element or grid.

The first improvement was the use of a second battery (called the "B"

nected with its positive terminal to the plate and negative terminal to the filament. The purpose is two-fold. First, this battery serves to make the plate positive with respect to the filament since there is a difference of potential represented by the voltage of the B battery. The plate, being positive, will now exert a strong attraction on the electrons (which are negative) and instead of receiving only those which accidentally strike it in their flight from the filament, will now pull into itself practically all the electrons which escape from the filament. Diagram B, Figure 6, shows connection of the B battery. The second function of this battery is to provide a current flow in this plate circuit. As soon as the filament is heated and the electronic bombardment of the plate begins, we will find a current flow in the plate circuit the stream of electrons being the conducting medium within the tube. Now, if we connect a pair of headphones in the plate circuit, in series with the B battery, the steady current flowing will cause a steady pull upon the diaphragm. Then if we can cause incoming radio signals in some way to control or vary the electronic stream between the filament and plate we will have a rectifier which will not only rectify but amplify. And that is exactly what DeForest accomplished by means of his third element in the tube, the "grid." Next week we will add the grid and get an understanding of the functioning of our modern vacuum tube. (To Be Continued)



battery to designate it from the filament heating or "A" battery) connected between the plate and the filament. This second battery is con-

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# Station K F I

*Radio Central Super-Station*



**The popular Earl C. Anthony, Jr., before the microphone in his studio atop the Packard Motor Car Building, Los Angeles, California, and his versatile program manager, Glen Rice.**

?

## Questions and Answers

?

By K. G. ORMISTON  
Technical Editor, Radio Doings

*NOTE.—Owing to the increased popularity of the Radio Doings Questions and Answer Section and the large number of letters we receive daily, we desire to announce that in the future more space will be given to this department. We maintain a Technical Staff, whose knowledge and experience is at the disposal of all radio fans. Let us help to solve your radio problems.*

**QUESTION**—Will you kindly inform me if an underground antenna is as efficient as the ordinary antenna? My set is a Radiola 3A.

L. R. McPHERSON, Banning, Calif.

**ANSWER**—The same amount of surface buried in the ground will not give the same signal strength or distance as if elevated in the air in the usual manner. The sole advantage of the underground arrangement is the reduction of static. It is very costly in comparison and sharply directional. It is worth while from the experimental standpoint. The most inexpensive form would be to use standard lead covered telephone cable. Bury about 75 feet of wire, carefully sealing over the open ends. Bring a lead from the center to the set, still using the lead-covered stuff. Bury about two feet deep, extending in the directions from which you desire to receive. Use a separate ground wire on the set as usual.

**QUESTION**—I have a three tube Ware neutrodyne, and for the past several days the set will suddenly shut off

at regular intervals for a fraction of a second at a time and then start again. I get good reception except for these interruptions. I have tried all of the wiring and cannot find a loose connection anywhere. Batteries are in good shape. What causes this? Also, I would like to know if, when my A batteries get weak (I use three dry cells), would it be all right to connect one or more extra cells that have been used but not completely run down, in series with the three I have. One more question, please. Will turning up on the rheostat in order to get the volume I want when my A batteries begin to get weak cause any extra drain on the B batteries?

R. N. BOWEN, Laguna Beach, Cal.

**ANSWER**—Sounds like a loose connection or a phony tube. A tube sometimes causes this action by periodically choking itself, due to the lack of proper grid leak. In technical terms the electronic discharge from the filament is in excess of the requirements of the plate and the space charge or cloud of electrons surrounding the fila-

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## Questions and Answers—Continued

ment repel further emission and normal action of the tube stops for an interval. If you are positive there is no loose connection, and no short circuits that could come and go—try juggling the tubes. No, never connect more than the three dry cells in series, and when they get too low to give satisfactory operation, replace with new cells. No, turning up the rheostat to obtain normal filament current does not cause a heavier drain upon the B batteries. The B battery current only becomes heavier when an excessive filament current flows.

**QUESTION**—I have a Radiola 3A, Rola loud speaker, and about 75-foot antenna. I am having quite a bit of trouble with high wave length stations. When I first got my set I was able to get KYW, WOAW, KSD and others, but am unable to get them at all now. Have tried all four binding posts but with no success. What changes would you suggest to remedy this, or is it that the set just simply can't make the grade any more? The ordinary wave length stations come in fine.

R. W. TALLEY, Reedley, Cal.

**ANSWER**—"What man has done, man can do!" I would say that the condition of the detector tube or batteries, or both, is such that you do not get sufficient regeneration at the higher

waves. Do you find that she will squawk as vigorous on the high waves when the volume control is advanced, as before? If both batteries are fresh (and C battery, too) try a new detector tube.

**QUESTION**—Will you please answer the following in Radio Doings? (1) Can I use 43-plate condensers instead of 23 plates in the deForest ultraudion circuit, and what wave length range will such give? (2) In using 5 or 6 WD-11 tubes in tuned R. F. set using dry cells as A battery, do I connect 6 in parallel, or how? Life of same? (3) Is there such a thing as a small, light-weight transmitting set that I can carry around the desert of Nevada that will do for keeping in touch with some ham in Sacramento, so he can keep me advised as to my affairs there daily? Cost of building same, etc.—R. HARRIS, Grimes, Cal.

**ANSWER**—Yes, you may use the larger condensers. The effect will be to make tuning more difficult by bunching the stations close together on the dial, as the upper half of the dial will be useless as far as broadcast reception is concerned. The upper wave length limit will probably be 700 meters or more. (2) Use a dry cell for each tube, and then one extra one for luck. Hence with 5 tubes I would hook 6 dry cells in parallel, and 7 cells for 6 tubes. Using

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## Questions and Answers—Continued

the set several hours daily, the A batteries should last two months. (3) Such a set could be constructed, but would not be light enough to be "carried around," and the matter of obtaining a license from Uncle Sam, both for the operation of the portable station and for yourself as the operator thereof, would have to be first attended to. Such a station could be mounted in a small auto truck or similar conveyance, and would be fairly costly. If two-way communication was not necessary, you could carry a good receiving outfit, and arrange with a ham to transmit to you at a definite hour each night.

**QUESTION**—In building a regenerative set, the plans call for .00035 mf condensers, but having two .0005 mf condensers on hand, I would like to use them. Can you give me the proper size of coils to use for 200-600 meters? The original plan calls for primary 12 turns,

secondary 68 turns, and tickler 16 turns.

—J. T. SIMONS, Los Angeles.

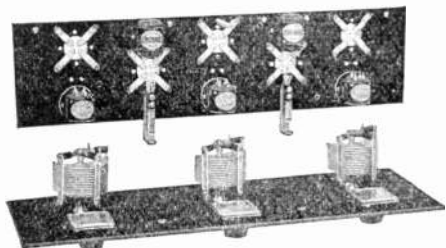
**ANSWER**—For the secondary winding use 40 turns on a 3-inch tube, primary 12 turns, tickler if on a small tube inside the 3-inch tube, having a diameter of 2 inches or so, may have as much as 50 turns, whatever is necessary to give oscillation over the whole wave length range.

**QUESTION**—Have had a super-het for several months and have gotten only a few of the larger stations with any satisfaction. South of me about 150 feet is a large sign with a metal back. Would this interfere with my reception? If this is my difficulty, could you suggest any remedy?—O. B. KIRK, Woodland, Cal.

**ANSWER**—It is not likely that the sign is materially harming your reception. Would suggest that you use a good outside antenna and a booster.

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# Radio Topics of the Day

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

## WORLD SERIES PLANS

Plans for the simultaneous broadcasting of play-by-play reports of the World Series' ball games this season indicate that all previous records will be smashed. Besides an extended hook-up of American Telephone and Telegraph to include at least fourteen affiliated stations, the Radio Corporation will broadcast from WJZ, New York and WRC, Washington, and many other independent broadcasters are expected to relay the press reports from local papers.

Member papers of the Associated Press have been advised to co-operate with local broadcasters, offering them the use of the running stories of the games as they come in over the wires. While no lists are available, it is believed a large number of broadcasting stations will accept this offer to make the returns available to the fans in their communities. The United Press and International News Service, it is understood, have also offered to co-operate with local broadcasting stations desiring to carry their reports of the Washington-Pittsburgh games.

The veteran announcer, Graham McNamee will be at the ball parks for the telephone company's hook up, which at this writing includes the following stations, although more are expected to join in: WEAf, WCAP, WJAR, WEEI, WTIC, WOO, WCAE, WCTS, WGY, WGN, WMAQ, KDKA, WLW and WSAI.

Washington will have two stations, WRC and WCAP in the broadcasting, but they will broadcast on alternate days. In Pittsburgh KDKA and WCAE are also expected to broadcast on alter-

nate days, but with different wave lengths they may try simultaneous transmission. The fans in the ball club's home towns and throughout the country, at least as considerably west of Chicago will be able to get returns first hand.

## BUT ONE SUPER-STATION

Officials of the Department of Commerce point out that the word "super-power" is being misused as a descriptive term for many regular high-powered broadcasters. There is but one super-power station authorized; that is WGY, at Schenectady, N. Y. Commencing October 3rd, this station will employ 50 KWs on Saturday and Sunday nights only, broadcasting at other times on 3500 watts or 3.5 KWs.

Although there are reports that a Westinghouse and a Radio Corporation station will seek authority to use 50 KWs or more, no actual applications have yet reached the commerce officials.

The other B stations on the air, all 500 watts or more, include 52 stations or higher power. The next strongest station is KDKA, licensed to use as high as 10 KWs experimentally. Then come the ten 5000 watt stations; WSAI, WLW, WOC, WCCO, WCBBD, WORD, KOA, WOK, WHO, and WEAf. Stations WTAM and WGY follow with 3500 watts each, while KFI and KGO, each using 3000 watts are next in line. WTAS and the combined stations WJR-WCX employ 2500 watts. There are three stations with 1500 watts, 25 using 1000, and 7 broadcasting with 750 watts. But these are all high-power stations—not super-power stations, the department insists.

# Radio Topics of the Day

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

## REDUCING INTERFERENCE

Radio reception in some localities is seriously disturbed by interference arising from electrical apparatus in the vicinity. The only general remedy for electrical interference is co-operative effort, on the part of users of radio and owners of the electrical sources of disturbance, to reduce or eliminate the causes of the trouble, the Bureau of Standards points out.

Much of the work in reducing electrical interference also results in an improvement in the operation of the electrical devices or supply lines and is thus a double gain. There are, however, some electrical devices which, even when in perfect working order, cause disturbances resulting in interference with radio reception. But in many cases it is possible to provide filters, shields, chokes, etc., either at the source of disturbance or at the receiving set, which do much to relieve the difficulties.

Some of the disturbances from electrical devices are practically inevitable and must be regarded, like atmospheric disturbances, as part of the inherent limitation of radio reception.

A frequent cause of interference is the presence of alternating-current power each side of the line changes the characteristics of the circuit so as to reduce the amount of power radiated. If such a filter circuit is not effective or is impractical, the apparatus may in some cases be surrounded by solid metal sheet or wire screen which is thoroughly grounded. The screen should completely surround the apparatus.

The first thing to do in tracing the source of interference trouble is to make

sure that it is not in the receiving set itself. The next thing is to open the electric switch at the house meter; if the interfering noise is still heard in the radio set, the source is then known to be outside the house. It is then desirable to report the situation to the electric power company. Many of the companies have apparatus for the purpose of following up complaints of this kind.

## RADIO STATION EAR

Radio fans of the Canary Islands listen in to EAR instead of by ear, according to recent advices from the islands. It seems that the station at La Laguna, Tenerif is assigned the call EAR. This station now undergoing renovation, is now located on top of a local mountain so that its altitude would be increased. It transmits on 120 meters with a power of 50 watts.

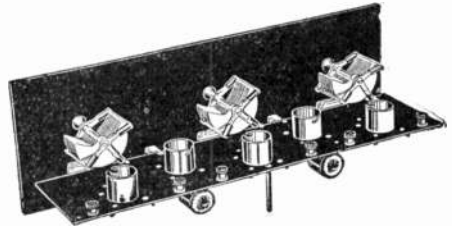
The presence of Ernestine Schumann-Heink, beloved contralto, and Marcel Journet, noted French basso, at present with the California Grand Opera Company, before the KFI microphones, 8 to 9, Sunday night, October 11, on the program presented by the Victor Talking Machine Company, is an event of prime importance to the radio audience. A Symphony Orchestra composed of members of the Los Angeles Philharmonic Orchestra, under the baton of Josef Pasternack, chief musical director for the Victor Talking Machine Company, will enhance the musical value of the program with great symphonic compositions. The orchestra will also accompany the singers with a richly tapestried background.

## New Radio Idea That Pleases the Public

By "JACK" MILLER

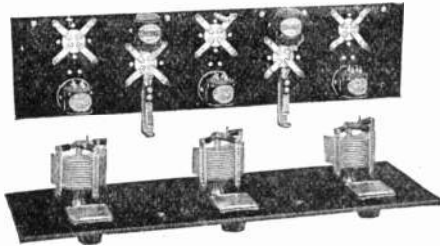
Through a brand new manufacturing idea and a new, modern merchandising plan, quality radio is this year being brought to the user at a moderate price. Radio sets such as the Premier "Ensemble" at this season hit the keynote of popular approval. This type of receiver is not a kit, but a completely assembled, though unwired, quality radio set. The user receives it in two completely assembled parts which can be put together in thirty seconds with a screwdriver. No drilling, tapping or other machine work is required. Tools are unnecessary except a soldering copper, and that is furnished. The copy-

throughout. In engineering principles the "Ensemble" is a forward step. The unique circuit and special design of apparatus used sets new standards in radio. Unlike the average tuned radio frequency set the "Ensemble" gives



Showing "Ensemble" Ready to Wire

equally good volume and selectivity on all broadcasting wave lengths from two hundred to six hundred meters. The experimenter finds the "Ensemble" ideal radio, because the usual grief of set building has been eliminated, leaving only the interesting part of wiring your own.



As the "Ensemble" comes to you. Two completely assembled units. Thirty seconds and a screwdriver and you are ready to wire.

righted ensemble wiring plan with six color charts enables the most inexperienced to wire the set completely and with certainty of success.

Quality parts designed and built from raw material to finished product by one manufacturing organization are used

The circuit used in the "Ensemble" is one obtained through an exchange of patent rights with the United States Navy Department. The radio frequency transformers used are novel in design, occupying an extremely small space and it is claimed they eliminate the spraying effect and losses found in the conventional type of T. R. F. coil. Variable condensers used are unique in design and are of the modified trade line frequency type. All in all the new "Ensemble" fills a long felt need in the radio field.

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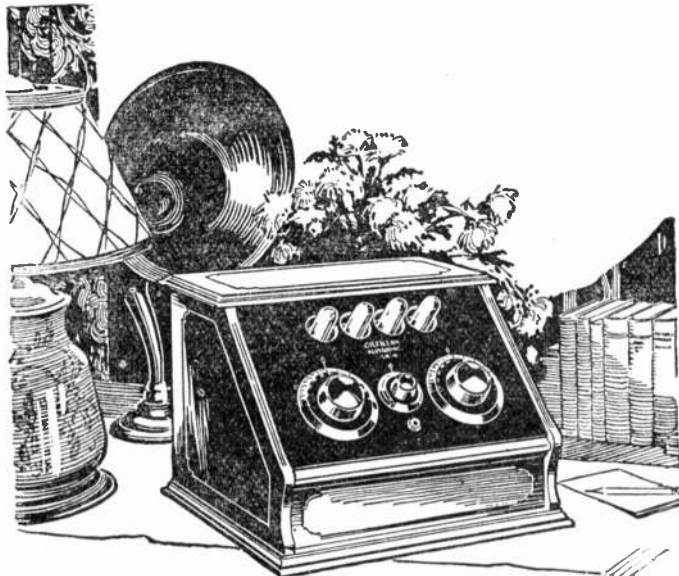


FAR AND NEAR



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IN NEUTRODYNE

## Radio Stimulating Business

By DR. RALPH L. POWER

Business is finding increasingly ingenious application for radio. It is now an old story how the Gilbreth's made original researches into the field of time and motion studies along with Taylor and other pioneers.

But now we have radio entering into such activities. In the early days of scientific motion study it was found that music was a very vital factor in speeding up of workers whose duties consisted of repetition. The strains of music took away the monotony of routine work in office or factory and was likewise used during recess periods.

In a similar manner a number of Eastern concerns have added a receiving set to their equipment and the novelty of the idea has lent additional stimulation and pep to the workers.

Ten-minute rest periods in the forenoon and afternoon and during the lunch hour have been utilized for radio musical programs and the adaptation of radio to large business interests seems to be meeting with significant success.

Radio is proving helpful in many other ways to business establishments. Some firms have a man listen in at stated intervals during the day to pick up current and authentic information regarding market and crop reports, statistics, government figures and similar data.

There is also the psychological impression on customers that a fine, up-to-

date receiving set makes in the equipment of any concern. A special receiving room is part of the stock and trade of some firms and clients may listen in for musical programs, market reports or tune in on distant stations.

Good will has a very definite value in any business and the radio has done much to cement friendship between buyers and sellers in many metropolitan centers.

On the other hand, dealers have found the broadcasting station quite of much of an asset as the receiving set and scores of business houses have erected their own stations.

Some of these are on a strictly toll basis and open to other establishments. Others are purely for their advertising value to the firm. Still others broadcast programs particularly fashioned for branch offices of the house and, in some cases, other regularly established stations which operate on a strictly toll basis are used.

No matter to what extent business has used radio in the past it is equally certain that it will find more unique ideas for it in the future.

England is planning a new high-power radio station at Winthorpe, near Skegness, on the east coast. This station, when completed, is expected to be used for communication with Australia and India.

### SUPER-HETERODYNE NEUTRODYNE AND SHORT WAVE RECEIVER

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Bring your set here where we guarantee you distance and get ready for the winter months. We maintain the only real Radio Laboratory on the Pacific Coast. We do no guesswork and we know our stuff. We Fix 'Em or No Charge. If you live out of town, ship your set to us by express.

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## R. C. A. Announces New Radiotrons and Rectrons

The Radio Corporation of America announces the introduction of three new types of Radiotrons designed especially for audio-frequency amplification and two new types of rectifier tubes to be marketed under the trade-name "Rectron," the latter intended for use in "B" Battery Eliminators and other similar devices for obtaining filament grid and plate voltages from A. C. lighting circuits.

The new Radiotrons and Rectrons were designed for specified uses resulting from new developments in the radio art. None of these tubes supersede the present five standard types of Radiotrons. They do, however, occupy special fields of usage as set forth in greater detail below.

Radiotron UX-120 is a new dry battery amplifier tube designed to provide increased loud speaker volume and improved quality of reproduction from dry battery operated sets.

Radiotron UX-112 has been developed to meet a demand for increased loud speaker volume and improved quality of reproduction from radio sets operated by storage batteries, where UV-201-A is now used in the last audio stage.

As an audio-amplifier, UX-112 occu-

pies a position midway between the dry battery power amplifier, UX-120, and the A. C. power amplifier, UX-210.

Radiotron UX-210 is a super-power amplifying tube of exceptional merit designed to produce loud speaker volume considerably in excess of that obtainable with present types of tubes and to give undistorted output at such volume.

UX-210 may be employed in the last audio stage of existing types of receivers provided the proper filament grid and plate voltages are applied.

Rectron UX-216-B is a high power (60 milliamperere output) single-wave rectifier, a new development which will be employed in the new rectifier-amplifier units for the operation of high power loud speakers. A tube of the general characteristics, construction and operating life of UX-216-B is not to be confounded with certain inferior types of rectifier tubes which have appeared on the market and which have been found to have extremely short operating life, under the strain imposed by "B" battery Eliminators.

Rectron UX-213 is a double-way rectifier, giving outputs of approximately 50 milliamperes.

Beginning the week of October 12, Radio Doings' Technical Hour will be broadcasted every Thursday Night, 7:00 to 7:30, over KFWB, instead of Monday nights, as heretofore.

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# Radio Bans Isolation Forever

**Service to Farmer Will Change Entire Life of Nation,  
Says General Harboard.**

*EDITORS NOTE: The following is an excerpt from an address made by Gen. J. G. Harboard, President of the Radio Corporation of America before the Advertising Club of New York. His career as a great soldier and civic leader gives his statements of unquestionable value.*

For a fraction of the cost of his motorcar the farmer buys his seat in the radio audience, in the form of a receiving set. Thereafter the farmhouse is in touch with city life; its isolation has forever gone. Via radio the farmer goes to distant markets to learn conditions and better to direct the shipment of his crops and live stock. Through radio he receives the advice of agricultural authorities. It is a friend in the time of the farmer's need.

Be it insect plague, animal epidemic, threatening weather or other adverse condition, the radio brings to the farmer the information necessary to meet the problems of the time. With these utilitarian benefits of radio there come a wealth of entertainment. The great men of the nation, the President himself, will speak in the farmer's home. To paraphrase the Sage of Concord, if a man have a radio, receiver no matter where he be, the world will beat a path to his door.

The chief handicap to the farmer in marketing the results of his labor has been his lack of knowledge of market demands and the trend of prices on the day when he started his products to market. Radio can supply the need by giving market information, accurately and timely. That is what is being done by broadcasting stations throughout the country with the free co-operation of the U. S. Department of Agriculture, similar bureaus in the States, and certain farm journals whose interest in this work extends quite unselfishly beyond their printed page or their subscription lists. With accurate crop and market

reports the farmer, in full confidence, can work with his radio information in much the same manner as the stock broker does with his ticker tape in buying and selling stocks and bonds.

In this connection the Bureau of Economics of the U. S. Department of Agriculture does excellent work. It uses radio telephony, broadcasting, as well as radio telegraphy, dot-dash code, to disseminate information. Weather forecasts and warnings are broadcast regularly from about ninety stations. Market and crop reports, including general kindred information, are broadcast from four stations by radio telegraph and from over seventy-five stations by telephone for the use of all interested. General agricultural information, the so-called Agriograms, containing facts of value to farmers, consumers, housewives, and others, are sent out with the programs of more than a hundred broadcasting stations.

The weather, crop and market information is distributed according to regular schedules maintained by co-operation between the Federal Department and the various private broadcasting stations. General agricultural information is supplied regularly and on special occasions to broadcasting stations to be included in their programs of entertainment and information. While the Department of Agriculture does not own any stations, it has the very general co-operation of private concerns and public institutions all over the country.

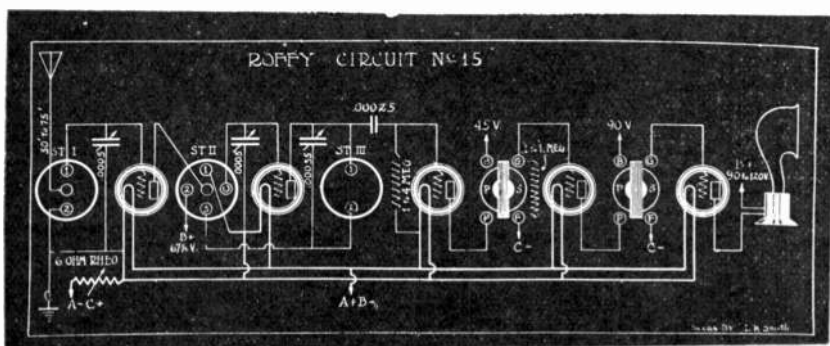
There are many uses of radio broadcasting in connection with the securing of labor in time of scarcity; in coping

(Continued on page 78)

# Roffy Circuit No. 15

**You Cannot Buy or Build a Better Radio Than  
That Based on the New Roffy Circuit**

Featuring distance, tone, selectivity  
and simplicity of construction, em-  
bracing the new wave length band  
of 150 to 550 meters inclusive.



For those who follow the development of radio as an art and scientific study, this new Roffy Circuit will be a classic, as it is not based on unstable and distortive regenerative detector (like Roberts, Browning-Drake, etc.), nor on dyne beat reception. Yet for its distance capabilities, it rivals the best superheterodynes without its harmonics and complexity.

Transformers and constructional details may be obtained through any recognized dealer, or direct from

## J. T. ROFFY

155 OLIVE ST., WALNUT PARK

DElaware 2756



## The Four Circuit Cockaday

By K. G. Ormiston

This week's diagram is of a circuit which enjoyed a flare of popularity a short time back, and since there are quite a number of them in use and it has a couple of unique features we are including it in our series.

The circuit is a modification of the DeForest ultraudion. You will note the distinctive ultraudion feature in connecting the tuning inductance L3 and condenser C1 to grid and plate, instead of grid and filament as in the usual circuit. The antenna circuit comprises one turn L1, tightly coupled with L3, and in series with a tapped winding L2, which is mounted at right angles to the other windings. The antenna circuit is roughly tuned by means of the taps on L2.

The circuit would oscillate continuously and hence be useless for radio-telephone reception, unless some means of

controlling and stopping the oscillations was provided. In the DeForest circuit which we recently published, an absorption variable condenser connected from the plate to filament. Cockaday, however, uses an independent absorption circuit coupled with the main tuning inductance. It is shown in the diagram at L4 and C2.

The operation of this absorption circuit is as follows: As it is tuned to the wave length being received and hence the same wave length to which the circuit L3, C1 is tuned, energy will be transferred from L3 to L4, and this dampening effect on the oscillating circuit is equivalent to increasing its resistance and as this effect is increased we reach the point where oscillations are suppressed entirely.

There are three main controls, the  
(Continued on page 78)

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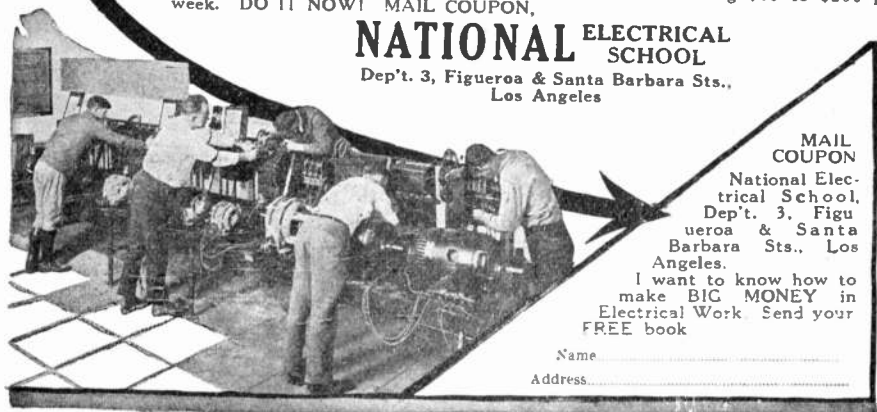
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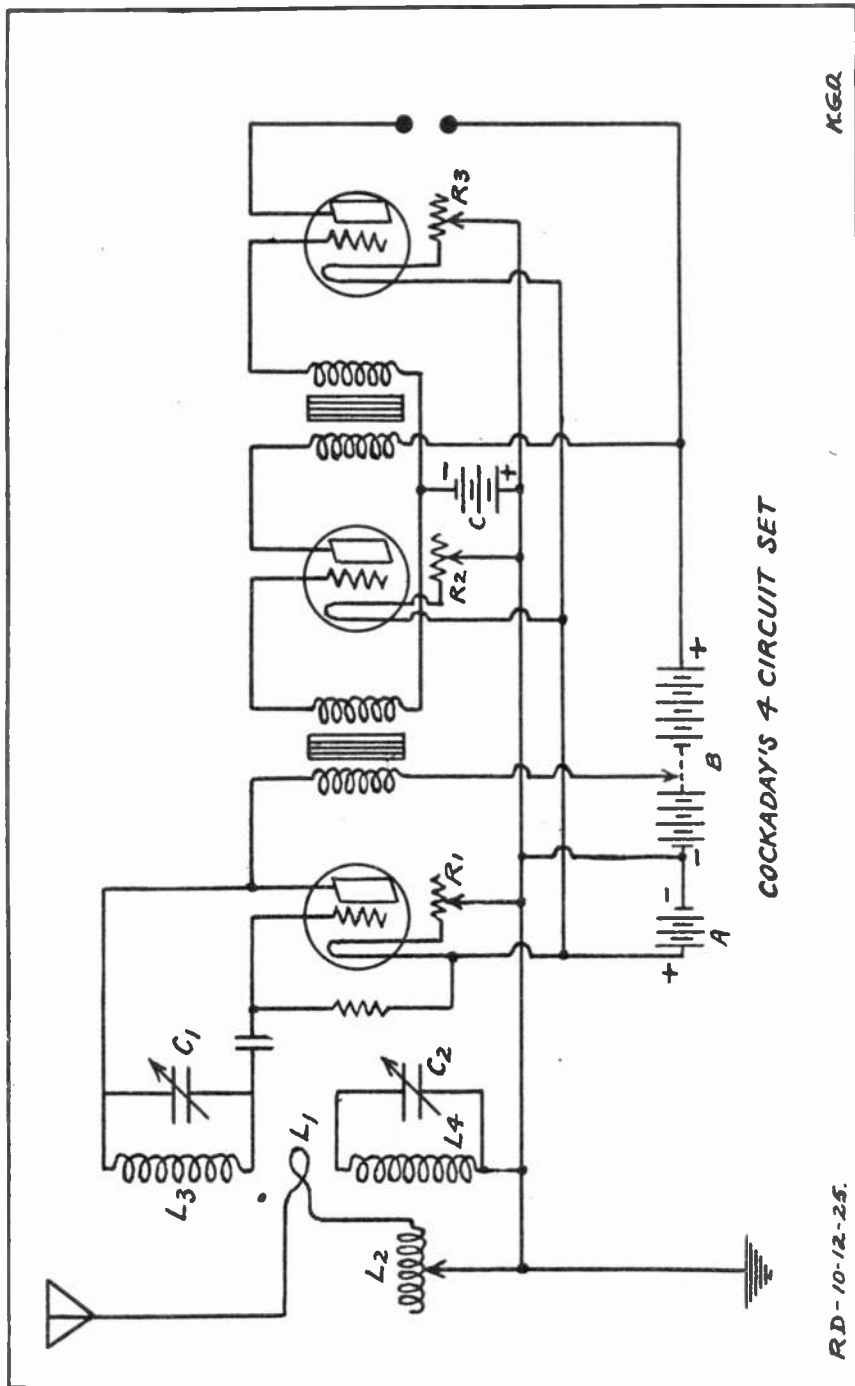
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I want to know how to make BIG MONEY in Electrical Work. Send your FREE book

Name.....

Address.....





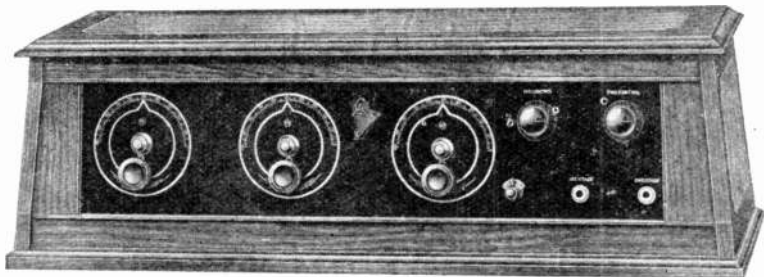
COCKADAY'S 4 CIRCUIT SET

K.G.O.

R.D. - 10-12-25.

# Prize Contest Closes Monday

Second And Third Prizes Will Be Added To Big Main Award



*This Beautiful Set Fully Equipped Goes to the Writer of the Best Letter*

**T**HOUSANDS of letters have come to the offices of Radio Doings and KFVB Studio of Warner Brothers. Most of them have been so well written and the subject of radio has been so capably handled in them that this publication in association with C. W. Smith, the distributor of the Valley-tone Receiving Set, has decided to give a second and third prize, to consist of one of those superb Utah Speakers, a set of dry batteries and a complete set of high class tubes. So that there is a three way chance to all those who have entered the contest. Those who have not had better get busy and send their letters in without delay. **THE CONTEST CLOSES NEXT MONDAY, OCTOBER 12.**

## "WHY I WOULD NOT BE WITHOUT A RADIO SET"

**A** SIMPLE subject on which anybody can write. For the best 300-word letter telling us the reasons you bought a radio set and why you would not part with it for love nor money, unless it be to get a better one, RADIO DOINGS is going to give a superb VALLEY-TONE RECEIVING SET in a walnut cabinet, finished in duo-tone. The set retails at \$125.00. Completely equipped with bat-

teries, tubes and Utah Speaker, it costs \$184.00.

## THE JUDGES:

"**UNCLE JOHN,**" the beloved Announcer of KHJ, and one of the leading figures in the Radio world.

**K. G. ORMISTON,** Radio Broadcast Engineer, Technical Editor of Radio Doings, and noted writer on Radio.

**NORMAN MANNING,** Manager of Radio Broadcast Station KFVB and prominent in Pacific Coast Radio broadcast development.

These men will go over all the letters impartially and will award the prize and state the reasons for their choice. This guarantees every contestant an absolutely square deal.

**Y**OU get it for nothing. There are no conditions. C. W. Smith Company, exclusive distributors of the Valley-tone insisted that there be no strings tied to this gift.

**T**HIS is one of the best sets on the market and it's yours if you'll just use a little brain matter.

**R**EMEMBER to listen in Thursday night over KFVB.

**This contest closes Monday, October 12. All letters post marked on or before that date will be considered eligible.**

# SUNDAY TIME TABLE

ALL TIME TABLES ADJUSTED TO  
PACIFIC TIME

(X) Indicates Station is On the Air

\* Indicates change or correction in listing; see note at bottom of page.

| STATIONS |                       |                   |                       | 10-12<br>A.M. | 12-2<br>P.M. | 2-4<br>P.M. | 4-6<br>P.M.      | 6-8<br>P.M. | 8-10<br>P.M. | 10-12<br>P.M. |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
|----------|-----------------------|-------------------|-----------------------|---------------|--------------|-------------|------------------|-------------|--------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|-------------|---|---|---|
| CALL     | Wave Length<br>Meters | Power in<br>Watts | STATION               | 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 | 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 |   |   |   |
|          |                       |                   |                       | KHJ           | 405          | 500         | Los Angeles..... | X           | X            | X             | X         | X         |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |
| KFI      | 468                   | 3000              | Los Angeles.....      | X             | X            | X           | X                |             |              |               |           |           |           |           |           | X         | X         |           |           | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KTBI     | 294                   | 250               | Los Angeles.....      |               | X            | X           | X                | X           |              |               |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KFSG     | 277                   | 500               | Los Angeles.....      |               | X            | X           | X                | X           |              |               |           | X         | X         | X         | X         |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KNX      | 337                   | 500               | Los Angeles.....      | X             | X            | X           | X                |             |              |               |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KFWB     | 252                   | 500               | Los Angeles.....      |               |              |             |                  |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X          | X           | X           | X           | X           | X | X |   |
| KPPC     | 229                   | 50                | Pasadena.....         |               | X            | X           | X                | X           |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KFWO     | 211                   | 250               | Catalina.....         |               |              |             |                  |             |              |               |           |           |           |           |           |           |           | X         | X         |           |           | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KFON     | 233                   | 100               | Long Beach.....       |               |              |             |                  |             |              |               |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KFVD     | 205                   | 100               | San Pedro.....        | X             | X            | X           | X                |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KJR      | 384                   | 1000              | Seattle.....          |               |              |             |                  |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         |           |           |            |             |             |             |             |   |   |   |
| KPO      | 429                   | 500               | San Francisco.....    | X             | X            | X           | X                |             |              |               |           | X         |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KFRC     | 267                   | 50                | San Francisco.....    |               |              |             |                  |             |              |               |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KJBS     | 236                   | 50                | San Francisco.....    |               |              |             |                  |             |              |               |           |           |           |           |           |           |           | X         | X         | X         |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KTAB     | 240                   | 1000              | San Francisco.....    | X             | X            | X           | X                | X           | X            |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KGO      | 361                   | 3000              | Oakland.....          |               | X            | X           | X                | X           |              |               |           |           |           |           | X         | X         |           |           |           |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KFUS     | 235                   | 50                | Oakland.....          |               |              |             |                  |             |              |               |           |           |           |           | X         | X         |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KRE      | 259                   | 100               | Berkeley.....         |               |              |             |                  |             |              |               |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KFUU     | 215                   | 50                | San Leandro.....      |               |              |             |                  |             |              |               | X         | X         | X         |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KFQU     | 234                   | 100               | Holy City, Calif..... |               | X            | X           | X                | X           | X            |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            | X           | X           | X           | X           | X | X |   |
| KGU      | 270                   | 500               | Honolulu.....         |               |              |             |                  |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             | X | X | X |
| KTCL     | 306                   | 1000              | Seattle.....          |               |              |             |                  |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           | X           | X           | X | X |   |
| KTW      | 272                   | 750               | Seattle.....          |               | X            | X           | X                | X           |              |               |           |           |           | X         | X         |           |           |           |           |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KFEC     | 246                   | 50                | Portland.....         |               |              |             |                  |             |              |               |           |           |           |           | X         | X         |           |           | X         |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KGW      | 492                   | 500               | Portland.....         | X             | X            | X           | X                | X           |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| CFAC     | 430                   | 1000              | Calgary.....          |               |              |             |                  |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KOA      | 323                   | 5000              | Denver.....           | X             | X            | X           | X                | X           |              |               |           |           | X         | X         |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KSL      | 300                   | 1000              | Salt Lake City.....   |               |              |             |                  |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           | X | X | X |
| KTHS     | 375                   | 500               | Hot Springs.....      | X             | X            | X           | X                | X           | X            | X             |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |
| WOAI     | 391                   | 2000              | San Antonio.....      |               |              |             |                  |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |
| WBAP     | 472                   | 1000              | Fort Worth.....       |               |              |             |                  |             |              |               |           | X         | X         | X         | X         |           |           |           |           |           |           |           |           |           |           |           |            | X           | X           | X           | X           | X | X | X |
| WFAA     | 476                   | 500               | Dallas.....           |               |              |             |                  |             |              |               |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| WOC      | 484                   | 500               | Davenport.....        |               | X            | X           | X                | X           |              |               |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KSD      | 545                   | 500               | St. Louis.....        |               |              |             |                  |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           | X           | X           | X | X | X |
| WGR      | 319                   | 500               | Buffalo.....          |               |              |             | X                | X           | X            | X             |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KDKA     | 309                   | 1000              | Pittsburgh.....       |               |              |             |                  |             |              |               |           |           |           |           | X         | X         |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| WPG      | 299                   | 1000              | Atlantic City.....    |               |              |             |                  |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           | X | X | X |
| WMBF     | 384                   | 500               | Miami, Fla.....       |               |              |             |                  |             |              |               |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |

\*Wave length of KGU, Honolulu, changed from 270 to 370 meters.  
 \*Power of KPO, San Francisco, Calif., increased to 1000 watts.  
 \*WGY—379-3000—Schnectady—3:30 to 5:30 p. m. Authorized to use 50,000 watts on this day.

|   |         |   |       |
|---|---------|---|-------|
| RCA or Cunningham Tubes in ex-<br>change for burnt out tubes..... | \$ 2.35 | 5 Tube Radio, complete, including<br>6-volt auto battery..... | 75.00 |
| 5-Tube Premier Ensemble.....                                      | 35.00   | National Refilled Tubes.....                                  | 1.25  |
| Wired and tested, free.   |         | Tubes Revived.....  | .50   |
| 3 Tube Roberts, complete parts,<br>any make coils.....            | 29.50   | Battery Charging.....   | .50   |

**Authorized Dealers for Fada and Crosley Sets—Humbolt 0212**

Time payments, if desired **DAVIS RADIO CO.**  
**Open Evenings and Sundays 2722-24 South Main St., Los Angeles**

# MONDAY TIME TABLE

ALL TIME TABLES ADJUSTED TO  
PACIFIC TIME

(X) Indicates Station is On the Air

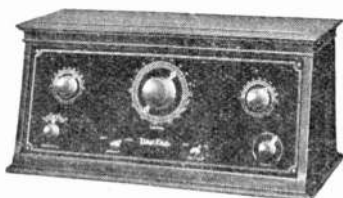
\* Indicates change or correction in listing; see note at bottom of page.

| STATIONS |                    |                | 10-12 A.M.        | 12-2 P.M.   | 2-4 P.M.    | 4-6 P.M.    | 6-8 P.M.  | 8-10 P.M. | 10-12 P.M. |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |
|----------|--------------------|----------------|-------------------|-------------|-------------|-------------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|-------------|---|
| CALL     | Wave Length Meters | Power in Watts | LOCATION          | 11.00-11.30 | 11.30-12.00 | 12.00-12.30 | 1.00-1.30 | 1.30-2.00 | 2.00-2.30  | 2.30-3.00 | 3.00-3.30 | 3.30-4.00 | 4.00-4.30 | 4.30-5.00 | 5.00-5.30 | 5.30-6.00 | 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 |   |
| KFI      | 469                | 3000           | Los Angeles       |             |             |             |           |           |            |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |   |
| KHJ      | 405                | 500            | Los Angeles       |             |             | X           | X         | X         |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |
| KNX      | 337                | 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 |
| KFPG     | 238                | 50             | Los Angeles       |             |             |             |           |           |            |           |           |           | X         | X         |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |
| KTBI     | 294                | 750            | Los Angeles       |             |             |             |           |           |            |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         |            |             |             |             |             |   |
| KFWB     | 252                | 500            | Hollywood         |             |             |             |           |           |            |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KFPG     | 238                | 250            | Hollywood         |             |             |             |           |           |            |           |           |           |           | X         | X         |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KFWO     | 211                | 250            | Catalina          |             |             |             |           |           |            |           |           |           |           |           | X         | X         |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KFON     | 233                | 100            | Long Beach        |             |             |             |           |           |            |           |           |           |           |           | X         | X         |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KFVD     | 205                | 100            | San Pedro         |             |             |             |           |           |            |           |           |           |           |           |           |           | X         |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KPO      | 429                | 500            | San Francisco     | X           |             | X           | X         | X         | X          | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KJBS     | 236                | 50             | San Francisco     | X           | X           | X           |           |           | X          | X         |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |
| KFRC     | 267                | 50             | San Francisco     |             |             |             |           |           |            |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KTAB     | 240                | 1000           | San Francisco     |             |             |             |           |           |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X          | X           |             |             |             |   |
| KGO      | 361                | 3000           | Oakland           |             |             | X           | X         | X         | X          |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KZM      | 242                | 50             | Oakland           |             |             |             |           |           |            |           |           |           |           |           |           |           |           |           | X         |           |           |           |           |            |             |             |             |             |   |
| KLX      | 508                | 500            | Oakland           |             |             |             |           |           |            |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KRE      | 259                | 100            | Berkeley          |             |             |             |           |           |            |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KFUU     | 215                | 50             | San Leandro       |             |             |             |           |           |            |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          |             |             |             |             |   |
| KMJ      | 234                | 50             | Fresno            |             |             |             |           |           |            |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          |             |             |             |             |   |
| KWG      | 360                | 100            | Stockton          |             |             |             |           |           |            |           |           |           |           | X         | X         |           |           |           |           |           | X         | X         | X         | X          | X           |             |             |             |   |
| KFOA     | 454                | 500            | Seattle           |             |             | X           | X         |           |            |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KJR      | 385                | 1000           | Seattle           |             |             |             |           |           |            |           |           |           |           | X         | X         |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KTCL     | 306                | 1000           | Seattle           |             |             |             |           |           |            |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KDZE     | 270                | 100            | Seattle           | X           |             |             |           |           | X          | X         | X         |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |
| KGW      | 492                | 500            | Portland          |             | X           | X           | X         | X         |            |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KFJR     | 263                | 50             | Portland          |             |             |             |           |           |            |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KFEC     | 246                | 50             | Portland          |             |             |             |           |           |            |           |           |           |           | X         | X         |           |           |           |           |           |           |           |           |            |             |             |             |             |   |
| KGU      | 270                | 500            | Honolulu          |             |             |             | X         | X         |            |           |           |           | X         | X         | X         |           |           |           |           |           |           |           |           |            |             |             | X           | X           | X |
| CFAC     | 430                | 1000           | Calgary           |             |             | X           |           |           |            |           | X         | X         |           |           |           |           |           |           |           |           |           |           |           |            | X           | X           | X           | X           | X |
| KSL      | 300                | 1000           | Salt Lake City    |             |             |             |           |           |            |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KOA      | 323                | 5000           | Denver            | X           | X           |             |           |           | X          | X         |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KFWA     | 261                | 500            | Ogden             |             |             |             |           |           |            |           |           |           |           | X         | X         |           |           |           |           |           |           |           |           |            |             |             |             |             |   |
| WOAW     | 526                | 500            | Omaha             |             |             |             |           |           |            |           |           |           |           | X         | X         |           |           |           |           |           | X         | X         | X         |            |             |             |             |             |   |
| WOC      | 484                | 2000           | Davenport         | X           |             | X           |           |           |            |           |           |           | X         | X         | X         |           |           |           |           |           |           |           |           |            |             |             |             |             |   |
| WOAI     | 394                | 2000           | San Antonio       |             |             |             |           |           |            |           |           |           |           |           | X         | X         | X         |           |           |           |           |           |           |            |             |             |             |             |   |
| WFSA     | 476                | 500            | Dallas            | X           |             |             |           |           |            |           |           |           |           | X         | X         |           |           |           |           |           | X         | X         | X         |            |             |             |             |             |   |
| WBAP     | 476                | 1000           | Fort Worth        | X           | X           | X           |           |           |            |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |
| WSMB     | 319                | 500            | New Orleans       |             |             |             |           |           |            |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KTHS     | 375                | 500            | Hot Springs, Ark. |             |             |             |           |           |            |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |
| WDAF     | 366                | 500            | Kansas            |             |             |             |           | X         |            |           |           |           | X         | X         |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KFKX     | 288                | 2000           | Hastings          |             |             |             |           |           |            |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KSD      | 545                | 500            | St. Louis         |             |             |             |           |           |            |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |
| WLS      | 345                | 500            | Chicago           |             |             |             | X         | X         | X          |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |
| WJW      | 353                | 500            | Detroit           |             |             |             |           |           |            | X         | X         |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |
| WQJ      | 448                | 500            | Chicago           |             |             |             | X         | X         |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |
| WBZ      | 331                | 1000           | Springfield       |             |             |             |           |           |            |           |           |           | X         | X         | X         | X         |           |           |           |           | X         | X         |           |            |             |             |             |             |   |
| WTAM     | 395                | 1500           | Cleveland         |             |             |             |           |           |            |           |           |           | X         | X         | X         | X         | X         |           |           |           |           |           |           |            |             |             |             |             |   |
| WGR      | 319                | 500            | Buffalo           |             | X           | X           | X         | X         | X          |           |           | X         | X         |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |
| WLW      | 423                | 5000           | Cincinnati        |             |             |             |           |           |            |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |
| KDKA     | 309                | 1000           | Pittsburgh        |             |             |             |           |           |            |           |           |           |           |           | X         | X         | X         | X         |           |           |           |           |           |            |             |             |             |             |   |
| WOO      | 509                | 500            | Philadelphia      |             |             |             |           |           |            |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |
| WPG      | 299                | 1000           | Atlantic City     |             |             |             |           |           |            |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |
| WJZ      | 455                | 1000           | New York          |             |             | X           | X         | X         | X          | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |
| WMBF     | 384                | 500            | Miami, Fla.       |             |             |             |           |           |            |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |

\*KRE—Berkeley has resumed its daily schedule.  
\*WGY—379-3000—Schenectady—3:30 to 5:30 p. m.



# Day-Fan RADIO



## Day-Fan 5

less accessories

**\$115.00**

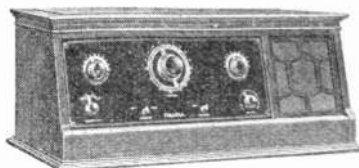
Five-tube, single dial control receiver, accurately logged at the factory in wave lengths.

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## Daycraft

less accessories

**\$145.00**



Same receiver as above with Day-Fan Speaker and "B" Battery compartment.

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Phone your Day-Fan dealer for a demonstration in your home.

---

*Distributed by*

**GRAHAM-REYNOLDS ELECTRIC COMPANY**

**WHOLESALE ELECTRIC & RADIO SUPPLIES**

**300 EAST THIRD STREET**

**LOS ANGELES**

# TUESDAY TIME TABLE

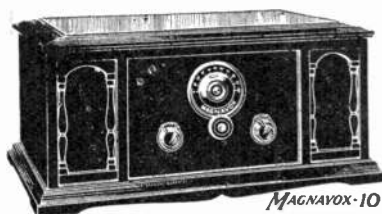
ALL TIME TABLES ADJUSTED  
TO  
PACIFIC TIME

(X) Indicates Station is On the Air

\* Indicates change or correction in listing; see note at bottom of page.

| STATIONS |                       |                   | 10-12<br>A.M.     | 12-2<br>P.M. | 2-4<br>P.M. | 4-6<br>P.M. | 6-8<br>P.M. | 8-10<br>P.M. | 10-12<br>P.M. |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |
|----------|-----------------------|-------------------|-------------------|--------------|-------------|-------------|-------------|--------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|-------------|
| CALL     | Wave Length<br>Meters | Power in<br>Watts | LOCATION          | 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 | 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 |
| KFI      | 468                   | 3000              | Los Angeles       |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| KHJ      | 405                   | 500               | Los Angeles       |              |             |             | X           | X            | X             |           |           |           | X         | X         |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| KNX      | 337                   | 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           |
| KFSG     | 277                   | 500               | Los Angeles       |              | X           | X           | X           | X            |               |           |           |           |           |           | X         | X         |           |           |           |           |           | X         |           |           |           |           |            |             |             |             |             |
| KTBI     | 294                   | 750               | Los Angeles       |              |             |             |             |              |               |           |           |           |           |           | X         | X         |           |           |           |           |           | X         |           |           |           |           |            |             |             |             |             |
| KFWB     | 252                   | 500               | Hollywood         |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         |           |           |           |            |             |             |             |             |
| KFPG     | 238                   | 250               | Hollywood         |              |             |             |             |              |               |           |           |           |           |           |           |           |           | X         | X         |           |           |           |           |           |           | X         | X          | X           | X           |             |             |
| KFWO     | 211                   | 250               | Catalina          |              |             |             |             |              |               |           |           |           |           |           |           |           |           | X         | X         |           |           |           |           |           | X         | X         | X          | X           |             |             |             |
| KFON     | 233                   | 100               | Long Beach        | X            | X           |             |             |              |               |           |           |           |           |           |           |           |           |           | X         | X         | X         |           |           |           | X         | X         | X          | X           |             |             |             |
| KFVD     | 205                   | 100               | San Pedro         |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           | X         | X         |           |           |           |           | X         | X         | X          | X           |             |             |             |
| KPO      | 429                   | 500               | San Francisco     | X            | X           |             | X           |              | X             | X         |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| KFRC     | 267                   | 50                | San Francisco     |              |             |             |             |              |               |           |           |           |           |           | X         | X         | X         | X         | X         | X         |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           |
| KJBS     | 226                   | 50                | San Francisco     | X            | X           | X           |             |              |               |           |           | X         |           |           |           |           |           |           | X         | X         | X         | X         |           |           | X         | X         | X          | X           | X           | X           | X           |
| KTAB     | 240                   | 1000              | San Francisco     |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         |           |           | X         | X          | X           | X           | X           | X           |
| KGO      | 361                   | 3000              | Oakland           |              |             | X           | X           |              |               | X         |           |           |           |           | X         | X         | X         |           | X         | X         | X         |           |           | X         | X         | X         | X          | X           | X           | X           | X           |
| KLS      | 242                   | 250               | Oakland           |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         |           |           | X         | X          | X           | X           |             |             |
| KLX      | 608                   | 500               | Oakland           |              |             |             |             |              |               |           |           |           |           |           | X         | X         | X         | X         |           | X         | X         | X         |           |           |           |           | X          | X           | X           | X           | X           |
| KFUS     | 235                   | 50                | Oakland           |              |             |             |             |              |               |           |           |           |           |           | X         | X         |           |           |           |           |           |           |           |           |           |           | X          |             |             |             |             |
| KRE      | 259                   | 100               | Berkeley          |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           |             |             |
| KZM      | 242                   | 50                | Oakland           |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           | X         |           |           |           |           |           |            |             |             |             |             |
| KMJ      | 234                   | 50                | Fresno            |              |             |             |             |              |               |           |           | X         | X         |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |
| KFQH     | 251                   | 50                | Burlingame        |              |             |             |             |              |               |           |           |           |           |           |           |           | X         | X         |           |           |           |           |           |           |           | X         | X          | X           | X           |             |             |
| KWG      | 360                   | 100               | Stockton          |              |             |             |             |              |               |           |           |           |           |           |           |           | X         | X         |           |           |           |           |           |           |           |           |            |             |             |             |             |
| KDZE     | 270                   | 100               | Seattle           | X            |             |             |             | X            | X             | X         | X         | X         | X         |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |
| KFOA     | 454                   | 500               | Seattle           |              |             |             | X           | X            |               |           |           |           |           |           | X         | X         | X         |           | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| KJR      | 385                   | 1000              | Seattle           |              |             |             |             |              |               |           |           |           |           |           |           |           | X         | X         |           |           |           |           |           |           |           |           |            |             |             |             |             |
| KTCL     | 305                   | 1000              | Seattle           |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| KFOX     | 233                   | 1000              | Seattle           |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         |           |           |           |            |             |             |             |             |
| KJR      | 384                   | 1000              | Seattle           |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         |           |           |           |            |             |             |             |             |
| KGW      | 492                   | 500               | Portland          |              |             | X           | X           | X            | X             |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           | X           | X           |
| KFJR     | 263                   | 50                | Portland          |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           |             |             |
| KFEC     | 246                   | 50                | Portland          |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           |             |             |
| KFQU     | 234                   | 100               | Holy City, Cal.   |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X          | X           | X           | X           |             |
| KGU      | 270                   | 50                | Honolulu          |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           |             |             |
| CFAc     | 430                   | 1000              | Calgary           |              |             |             | X           |              |               |           |           |           |           | X         | X         |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |
| KOA      | 323                   | 5000              | Denver            | X            | X           |             |             |              |               | X         | X         |           |           |           |           |           | X         | X         | X         | X         | X         |           |           |           |           |           |            |             | X           | X           | X           |
| KTHS     | 375                   | 500               | Hot Springs, Ark. |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         |           |            |             |             |             |             |
| WDAF     | 386                   | 500               | Kansas City       |              |             |             |             |              | X             | X         |           |           |           |           |           |           | X         | X         |           |           |           |           |           |           |           |           |            |             | X           | X           | X           |
| WOAI     | 334                   | 2000              | San Antonio       |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         |           |            |             |             |             |             |
| WFAA     | 476                   | 500               | Dallas            |              | X           |             |             |              |               |           |           |           |           |           |           |           |           | X         | X         |           |           | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| WBAP     | 476                   | 1000              | Ft. Worth         | X            | X           | X           | X           | X            |               |           |           |           |           |           |           |           |           | X         | X         |           |           | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| WOC      | 484                   | 2000              | Davenport         | X            |             |             | X           |              | X             |           |           |           |           |           | X         | X         |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           |
| WLS      | 345                   | 500               | Chicago           | X            | X           |             |             | X            | X             | X         |           |           |           |           | X         | X         | X         | X         |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           |
| KYW      | 535                   | 1000              | Chicago           |              |             |             |             |              |               |           |           |           |           |           | X         | X         | X         | X         |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           |
| WGN      | 370                   | 1000              | Chicago           |              |             |             |             |              |               |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| WCX      | 517                   | 500               | Detroit           |              |             |             |             |              |               |           |           | X         | X         |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| WBZ      | 331                   | 1000              | Springfield       |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| WTAM     | 390                   | 1500              | Cleveland         |              |             |             |             |              |               |           |           |           |           |           |           |           | X         | X         | X         | X         |           |           |           |           | X         | X         |            |             |             |             |             |
| WLW      | 423                   | 5000              | Cincinnati        |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           | X           | X           |
| WKRC     | 326                   | 1000              | Cincinnati        |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           | X           | X           |
| WGR      | 319                   | 500               | Buffalo           |              |             | X           | X           |              |               |           |           |           |           | X         | X         |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |
| KDKA     | 309                   | 1000              | Pittsburgh        |              |             |             |             |              |               |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| WOO      | 509                   | 500               | Philadelphia      |              |             |             |             |              |               |           |           |           |           |           |           |           | X         | X         | X         |           |           |           |           |           |           |           |            |             |             |             |             |
| WPG      | 299                   | 1000              | Atlantic City     |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| WJZ      | 455                   | 1000              | New York          |              |             |             | X           | X            | X             | X         | X         | X         |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| WMBF     | 384                   | 500               | Miami, Fla.       |              |             |             |             |              |               |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |

\*WGY—379-3000—Schenectady—4:10 to 8 p. m.



# MAGNAVOX

The simplest of all radio receiving sets to operate. The famous single-dial-control is easily handled by the most inexperienced amateur. Even blind children have quickly got any station they desired within range on this marvelous instrument.

Magnavox is wonderfully selective, too. It tunes through nearby powerful stations and will surprise you with the distance which it gets.

Made by the pioneer radio manufacturers of the Pacific Coast.

**MUNSON~RAYNER**  
*Corporation*

*Exclusive Distributors for the Pacific Coast*

643 S. Olive St.  
LOS ANGELES

86 Third Street  
SAN FRANCISCO

63 Sixth Street  
PORTLAND

39-A

# WEDNESDAY TIME TABLE

ALL TIME TABLES ADJUSTED  
TO  
PACIFIC TIME

(X) Indicates Station is On the Air

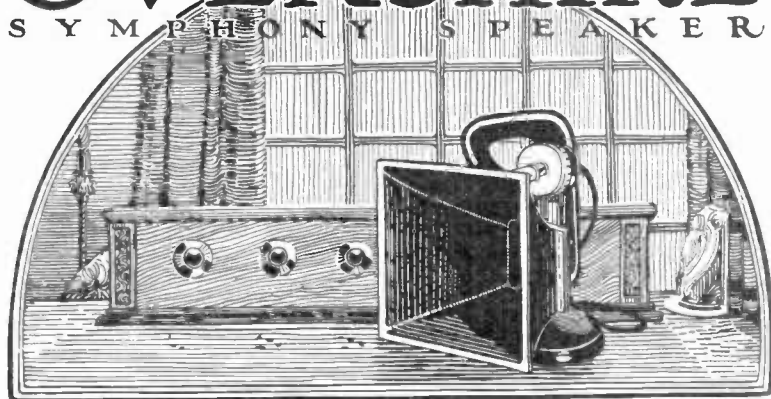
\* Indicates change or correction in listing; see note at bottom of page.

| STATIONS |                       |                   | 10-12<br>A.M.   | 12-2<br>P.M. | 2-4<br>P.M. | 4-6<br>P.M. | 6-8<br>P.M. | 8-10<br>P.M. | 10-12<br>P.M. |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
|----------|-----------------------|-------------------|-----------------|--------------|-------------|-------------|-------------|--------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|-------------|---|---|---|
| CALL     | Wave Length<br>Meters | Power in<br>Watts | 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 | 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 |   |   |   |
| KFI      | 468                   | 3,000             | Los Angeles     |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KHJ      | 405                   | 500               | Los Angeles     |              |             | X           | X           | X            |               |           |           | X         | X         |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KNX      | 337                   | 503               | 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 |   |   |
| KFSG     | 277                   | 500               | Los Angeles     |              |             | X           | X           | X            |               |           |           | X         | X         | X         | X         |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KFWB     | 252                   | 500               | Hollywood       |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KFPG     | 238                   | 250               | Hollywood       |              |             |             |             |              |               |           |           |           |           |           |           |           | X         | X         |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KTBI     | 294                   | 750               | Los Angeles     |              |             |             |             |              |               |           |           |           |           |           |           |           | X         | X         |           |           |           |           |           |           | X         | X          | X           | X           | X           | X           | X |   |   |
| KPPC     | 229                   | 50                | Pasadena        |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          |             |             |             |             |   |   |   |
| KFWO     | 211                   | 250               | Catalina        |              |             |             |             |              |               |           |           |           |           |           |           |           | X         | X         |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KFVD     | 205                   | 100               | San Pedro       |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KFON     | 233                   | 100               | Long Beach      | X            | X           |             |             |              |               |           |           |           |           |           |           |           |           |           | X         | X         | X         |           | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KPO      | 429                   | 500               | San Francisco   | X            | X           |             | X           |              |               |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KFRG     | 267                   | 50                | San Francisco   |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KJBS     | 235                   | 50                | San Francisco   | X            | X           | X           |             |              |               |           | X         |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           | X           | X           | X |   |   |
| KGO      | 361                   | 2,000             | Oakland         |              |             | X           | X           | X            | X             | X         |           |           | X         | X         | X         | X         |           |           | X         | X         | X         |           |           |           |           |            |             |             |             |             |   |   |   |
| KLX      | 508                   | 500               | Oakland         |              |             |             |             |              |               |           |           |           | X         | X         | X         | X         |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KZM      | 242                   | 50                | Oakland         |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KRE      | 259                   | 100               | Berkeley        |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           | X         |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KFUU     | 224                   | 50                | San Leandro     |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           |             |             |             |   |   |   |
| KFQU     | 234                   | 100               | Holy City, Cal. |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X          | X           | X           | X           | X           | X |   |   |
| KMJ      | 234                   | 50                | Fresno          |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KGW      | 492                   | 500               | Portland        |              |             | X           | X           | X            | X             |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KFJR     | 263                   | 50                | Portland        |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X          | X           |             |             |             |   |   |   |
| KFEC     | 248                   | 50                | Portland        |              |             |             |             |              |               |           |           |           |           |           |           | X         | X         |           | X         |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KTCL     | 302                   | 1,000             | Seattle         |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KDZE     | 270                   | 100               | Seattle         |              |             |             | X           | X            | X             | X         | X         | X         | X         |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KFOA     | 454                   | 500               | Seattle         |              |             |             | X           | X            |               |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KJR      | 385                   | 1,000             | Seattle         |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KFAE     | 349                   | 500               | Pullman         |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           | X           | X           | X | X |   |
| CFAC     | 430                   | 1,000             | Calgary         |              |             |             | X           |              |               |           |           | X         | X         | X         |           |           |           |           |           |           |           |           |           |           |           | X          | X           | X           | X           | X           | X | X |   |
| KTHS     | 375                   | 500               | Hot Springs     |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           |             |             |             |   |   |   |
| WOAI     | 334                   | 2,000             | San Antonio     |              |             |             |             |              |               |           |           |           |           |           |           |           | X         | X         |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| WFAA     | 476                   | 500               | Dallas          |              |             | X           |             |              |               |           |           |           |           |           |           |           | X         | X         |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| WBAP     | 473                   | 1,000             | Fort Worth      | X            | X           | X           | X           | X            |               |           |           |           |           |           |           |           |           |           | X         |           |           |           |           | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| WSMB     | 319                   | 503               | New Orleans     |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| WOC      | 484                   | 2,000             | Davenport       | X            |             | X           |             |              | X             |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KOA      | 323                   | 5,000             | Denver          | X            | X           | X           | X           | X            |               |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KSL      | 300                   | 1,000             | Salt Lake City  |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KFWA     | 261                   | 500               | Ogden           |              |             |             |             |              |               |           |           |           |           |           |           |           | X         | X         |           |           |           |           |           |           |           | X          | X           | X           | X           | X           | X | X |   |
| KSD      | 545                   | 500               | St. Louis       |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X          | X           | X           | X           | X           | X | X |   |
| WDAF     | 366                   | 500               | Kansas City     |              |             |             |             |              |               |           | X         |           |           |           |           | X         | X         |           | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| WMAQ     | 448                   | 500               | Chicago         |              |             |             |             |              |               |           |           | X         |           |           |           | X         | X         |           | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| WGN      | 370                   | 1,000             | Chicago         |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| WLS      | 345                   | 500               | Chicago         | X            | X           |             |             | X            | X             | X         |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KYW      | 535                   | 1,000             | Chicago         |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| WVJ      | 353                   | 500               | Detroit         |              |             |             |             |              |               |           | X         | X         | X         | X         |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| WKRC     | 326                   | 1,000             | Cincinnati      |              |             |             |             |              |               |           |           | X         | X         |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           |             |             |             |   |   |   |
| WLS      | 423                   | 1,500             | Cincinnati      |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           | X           | X           | X | X |   |
| WTAM     | 390                   | 1,500             | Cleveland       |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           | X           | X           | X | X |   |
| WSR      | 319                   | 500               | Buffalo         |              |             | X           | X           | X            | X             |           |           |           |           |           |           | X         | X         |           |           |           |           |           |           |           | X         | X          | X           | X           | X           | X           | X | X |   |
| WOO      | 509                   | 500               | Philadelphia    |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KDKA     | 309                   | 1,000             | Pittsburgh      |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| WPG      | 299                   | 1,000             | Atlantic City   |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X          | X           | X           | X           | X           | X | X | X |
| WJZ      | 455                   | 1,000             | New York        |              |             |             | X           | X            | X             | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| WMBF     | 384                   | 500               | Miami, Fla.     |              |             |             |             |              |               |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |

\*WENR—266-1000—Chicago—6 to 7 p. m., 8 to 10 p. m., 12:01 a. m. to 2 a. m.

# OVENSHIRE

SYMPHONY SPEAKER



The *premier* of radio

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The OVENSHIRE SPEAKER and NEW, IMPROVED OVENSHIRE UNIT offer *the maximum* in receptive power and tonal quality. They are therefore *best sold* by comparison and test under familiar conditions.

*The OVENSHIRE DEALER NEAREST YOU* will gladly arrange a FREE DEMONSTRATION without obligation.

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6656 Hollywood Blvd.

**BEVERLY HILLS**  
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Missman Radio Co.  
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The Radio Store  
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180 E. Colorado St.

**REDONDO BEACH**  
Criswell Brunswick Shop  
202 S. Pacific Ave.

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6017 Hollywood Blvd.

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Radio Equipment Co.  
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545 Market St.

**SAN DIEGO**  
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**Monarch Radio Co.**  
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**Normandie Radio Shop**  
5069 Hollywood Blvd.  
**Pico Heights Radio Parlor**  
3812 W. Pico St.  
**Vermont Center Radio Shop**  
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**SANTA ANA**  
Hawleys, E. M. Radio Co.  
305 N. Sycamore St.  
**SANTA BARBARA**  
Bolton & Jones  
819 State St.

**SAN BERNARDINO**  
The Radio Co.  
514 Fourth St.

**SAWTELLE**  
Geo. W. Burzell Radio Co.  
11323 Santa Monica Blvd.

**SOUTH PASADENA**  
Radio Electric Co.  
1105 Fair Oaks Ave.

Others furnished on request.

# OVENSHIRE LABORATORIES

706 No. Main Street

Broadway 5696

Los Angeles

In San Francisco, 225 Sharon Bldg. Tel. Sutter 2276



# THURSDAY TIME TABLE

ALL TIME TABLES ADJUSTED TO  
PACIFIC TIME

(X) Indicates Station is On the Air

\* Indicates change or correction in listing; see note at bottom of page.

| STATIONS |                    |                | 10-12 A.M.        | 12-2 P.M.   | 2-4 P.M.    | 4-6 P.M.    | 6-8 P.M.    | 8-10 P.M.   | 10-12 P.M. |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |   |
|----------|--------------------|----------------|-------------------|-------------|-------------|-------------|-------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|-------------|---|---|---|---|
| CALL     | Wave Length Meters | Power in Watts | LOCATION          | 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 | 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 |   |   |   |   |
|          |                    |                |                   | KFI         | 468         | 3000        | Los Angeles |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X | X |
| KHJ      | 405                | 500            | Los Angeles       |             |             |             |             | X           | X          | X         |           |           | X         | X         | X         |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |   |
| KNX      | 337                | 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 |   |   |
| KFSG     | 277                | 500            | Los Angeles       |             | X           | X           | X           | X           |            |           |           |           |           | X         | X         |           |           |           |           |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |   |
| KTBI     | 294                | 750            | Los Angeles       |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |   |
| KFWB     | 2s2                | 500            | Hollywood         |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |   |
| KFPG     | 238                | 250            | Hollywood         |             |             |             |             |             |            |           |           |           |           |           |           |           |           | X         | X         |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |   |
| KFWO     | 211                | 250            | Catalina          |             |             |             |             |             |            |           |           |           |           |           |           |           | X         | X         |           |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |   |
| KFON     | 232                | 100            | Long Beach        | X           | X           |             |             |             |            |           |           |           |           |           |           |           |           |           | X         | X         |           |           |           |           |           |           |            |             |             |             |             |   |   |   |   |
| KFVD     | 205                | 100            | San Pedro         |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           | X         |           |           |           |           |           |           |            |             |             |             |             |   |   |   |   |
| KFO      | 429                | 500            | San Francisco     |             | X           |             |             | X           |            |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |   |
| KFRC     | 267                | 50             | San Francisco     |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           | X         | X         | X         |           |           | X         | X         | X          | X           | X           | X           | X           | X | X |   |   |
| KTAB     | 240                | 1000           | San Francisco     |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         |           |            |             |             |             |             |   |   |   |   |
| KJBS     | 236                | 50             | San Francisco     |             | X           | X           |             |             |            |           | X         |           |           |           |           |           |           |           |           |           |           |           | X         | X         |           |           |            |             |             |             |             |   |   |   |   |
| KGO      | 361                | 3000           | Oakland           |             |             | X           | X           | X           |            | X         |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |   |
| KLS      | 242                | 250            | Oakland           |             |             | X           | X           | X           |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |   |
| KLX      | 508                | 500            | Oakland           |             |             |             |             |             |            |           |           |           | X         | X         | X         | X         | X         |           |           |           |           | X         |           |           |           |           |            |             |             |             |             |   |   |   |   |
| KFUS     | 235                | 50             | Oakland           |             |             |             |             |             |            |           |           |           | X         | X         |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |   |
| KZM      | 242                | 50             | Oakland           |             |             |             |             |             |            |           |           |           |           | X         | X         |           |           |           |           |           |           |           | X         |           |           |           |            |             |             |             |             |   |   |   |   |
| KMJ      | 234                | 50             | Fresno            |             |             |             |             |             |            |           |           | X         | X         |           |           |           |           |           |           |           |           |           |           | X         |           |           |            |             |             |             |             |   |   |   |   |
| KRE      | 259                | 100            | Berkeley          |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X          | X           |             |             |             |   |   |   |   |
| KFQH     | 220                | 50             | Burlingame        |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |   |
| KFQU     | 234                | 100            | Holy City, Calif. |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |   |
| KGW      | 492                | 500            | Portland          |             |             | X           | X           | X           | X          |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            | X           | X           | X           | X           | X | X | X |   |
| KFJR     | 263                | 50             | Portland          |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |   |
| KFC      | 246                | 50             | Portland          |             |             |             |             |             |            |           |           |           |           | X         | X         |           |           |           |           | X         |           |           |           |           |           |           |            | X           | X           |             |             |   |   |   |   |
| KTCL     | 306                | 1000           | Seattle           |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         |           |           |            |             |             |             |             |   |   |   |   |
| KFOA     | 454                | 500            | Seattle           |             |             |             |             | X           | X          |           |           |           |           | X         | X         | X         |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |   |
| KJR      | 385                | 1000           | Seattle           |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           | X         | X         |           |           |           |           | X         | X          | X           |             |             |             |   |   |   |   |
| CKCD     | 410                | 1000           | Vancouver, B. C.  |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          |             |             |             |             |   |   |   |   |
| CFAC     | 430                | 1000           | Calgary           |             |             |             | X           |             |            |           |           |           | X         | X         |           |           |           |           |           |           |           |           |           |           |           |           | X          | X           | X           | X           | X           | X | X | X |   |
| KGU      | 470                | 500            | Honolulu          |             |             |             |             | X           | X          |           |           |           |           |           | X         | X         | X         |           |           |           |           |           |           |           |           |           |            | X           | X           | X           | X           | X | X | X |   |
| WOAI     | 394                | 2000           | San Antonio       |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         |            |             |             |             |             |   |   |   |   |
| WFAA     | 476                | 500            | Dallas            |             | X           |             |             |             |            |           |           |           |           |           | X         | X         |           |           |           |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |   |
| WBAP     | 476                | 1000           | Fort Worth        | X           | X           | X           | X           | X           |            |           |           |           |           |           |           |           |           |           |           |           |           | X         |           |           | X         | X         | X          | X           | X           | X           | X           | X | X | X |   |
| WSMB     | 319                | 500            | New Orleans       |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |   |
| KTHS     | 375                | 500            | Hot Springs, Ark. |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |   |
| KOA      | 323                | 5000           | Denver            |             | X           | X           |             |             |            |           |           | X         | X         |           |           |           |           |           | X         | X         | X         |           |           |           |           |           |            |             |             |             |             |   |   | X |   |
| KSL      | 300                | 1000           | Salt Lake City    |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |   |
| WDAF     | 366                | 500            | Kansas City       |             |             |             |             |             |            |           | X         |           |           |           | X         | X         |           |           |           |           |           |           |           |           |           |           |            |             | X           | X           | X           | X | X | X |   |
| WOC      | 484                | 2000           | Davenport         | X           |             |             | X           |             |            |           |           |           |           | X         |           |           |           |           |           |           |           |           |           | X         | X         |           |            |             |             |             |             |   |   |   |   |
| WLS      | 345                | 500            | Chicago           | X           | X           |             |             | X           | X          | X         |           |           |           | X         | X         | X         |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |   |
| KYW      | 535                | 1000           | Chicago           |             |             |             |             |             |            |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |   |
| WGN      | 370                | 1000           | Chicago           |             |             |             |             |             |            |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |   |
| WWJ      | 353                | 500            | Detroit           |             |             |             |             | X           | X          | X         |           |           | X         | X         | X         | X         |           |           |           |           |           |           |           | X         | X         |           |            |             |             |             |             |   |   |   |   |
| WLW      | 423                | 5000           | Cincinnati        |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |   |
| WKRC     | 326                | 1000           | Cincinnati        |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |   |
| WBZ      | 331                | 1000           | Springfield       |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |   |
| WTAM     | 390                | 1500           | Cleveland         |             |             |             |             |             |            |           |           |           |           |           |           | X         |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |   |
| WGR      | 319                | 500            | Buffalo           |             |             | X           | X           |             |            |           |           |           |           | X         | X         |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |   |
| KDKA     | 309                | 1000           | Pittsburgh        |             |             |             |             |             |            |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |   |
| WOO      | 509                | 500            | Philadelphia      |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |   |
| WPG      | 299                | 1000           | Atlantic City     |             |             |             |             |             |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |   |
| WJZ      | 455                | 1000           | New York          |             |             |             | X           | X           | X          | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X | X |
| WMBF     | 384                | 500            | Miami, Fla.       |             |             |             |             |             |            |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |   |

\*WGY—379-3000—Schenectady—3:45 to 8:30 p. m.

# Premier 5 TUBE Ensemble

TRADE MARK

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WEEK**



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RADIO ELECTRICIANS

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LOS ANGELES

(Corner of Pico and Kingsley)

# FRIDAY TIME TABLE

ALL TIME TABLES ADJUSTED  
TO  
PACIFIC TIME

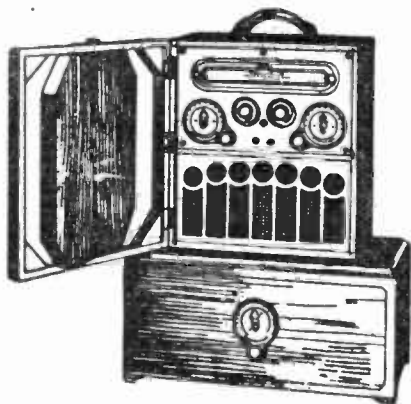
(X) Indicates Station is On the Air

\* Indicates change or correction in listing; see note at bottom of page.

| STATIONS |                       |                   | 10-12<br>A.M.     | 12-2<br>P.M. | 2-4<br>P.M. | 4-6<br>P.M. | 6-8<br>P.M. | 8-10<br>P.M. | 10-12<br>P.M. |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |
|----------|-----------------------|-------------------|-------------------|--------------|-------------|-------------|-------------|--------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|-------------|
| CALL     | Wave Length<br>Meters | Power in<br>Watts | LOCATION          | 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 | 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 | 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 |
| KFI      | 468                   | 3000              | Los Angeles       |              |             |             |             |              |               |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| KHJ      | 405                   | 500               | Los Angeles       |              |             |             |             | X            | X             | X         |           | X         | X         |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| KNX      | 337                   | 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           |
| KFSG     | 277                   | 500               | Los Angeles       |              | X           | X           | X           | X            |               |           |           |           |           |           | X         | X         |           |           |           |           |           |           |           |           |           |            |             |             |             |             |
| KTBI     | 294                   | 750               | Los Angeles       |              |             |             |             |              |               |           |           |           |           |           | X         | X         |           |           |           |           |           |           |           |           |           |            |             |             |             |             |
| KFWB     | 252                   | 500               | Hollywood         |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           | X         | X         |           |           |           |           |            |             |             |             |             |
| KFPG     | 238                   | 250               | Hollywood         |              |             |             |             |              |               |           |           |           |           |           |           |           | X         | X         |           |           |           |           |           |           | X         | X          | X           | X           | X           | X           |
| KFWO     | 211                   | 250               | Catalina          |              |             |             |             |              |               |           |           |           |           |           |           | X         | X         |           |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| KFON     | 233                   | 100               | Long Beach        | X            | X           |             |             |              |               |           |           |           |           |           |           |           | X         | X         | X         | X         |           | X         | X         |           |           |            |             | X           | X           |             |
| KFVD     | 205                   | 100               | San Pedro         |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           | X         |           |           |           |           |           |            |             |             |             |             |
| KPO      | 429                   | 500               | San Francisco     | X            | X           |             | X           | X            | X             | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| KJBS     | 236                   | 50                | San Francisco     |              |             |             |             |              |               |           | X         |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           |
| KFRG     | 267                   | 50                | San Francisco     |              |             |             |             |              |               |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| KTAB     | 240                   | 1000              | San Francisco     |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           |
| KGO      | 361                   | 3000              | Oakland           |              | X           | X           | X           | X            |               | X         |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         |           |           |           |            |             |             |             |             |
| KLX      | 508                   | 500               | Oakland           |              |             |             |             |              |               |           |           | X         | X         | X         | X         |           |           |           | X         | X         | X         |           |           |           | X         | X          | X           | X           | X           | X           |
| KFUS     | 235                   | 50                | Oakland           |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |
| KZM      | 242                   | 50                | Oakland           |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         |           |           |            |             |             |             |             |
| KFUU     | 224                   | 50                | San Leandro       |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           |             |             |             |
| KMJJ     | 234                   | 50                | Fresno            |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| KFOU     | 234                   | 100               | Holy City, Calif. |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X          | X           | X           | X           | X           |
| KFQH     | 231                   | 50                | Burlingame        |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           | X           | X           |
| KGW      | 485                   | 500               | Portland          |              | X           | X           | X           | X            |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           |
| KFEC     | 246                   | 50                | Portland          |              |             |             |             |              |               |           |           |           |           |           | X         | X         |           | X         |           |           |           |           |           |           |           |            |             |             |             |             |
| KJR      | 385                   | 1000              | Seattle           |              |             |             |             |              |               |           |           |           |           |           |           | X         | X         |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           |
| KTCL     | 306                   | 1000              | Seattle           |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| KFOA     | 454                   | 500               | Seattle           |              |             |             |             | X            | X             |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| KFOX     | 233                   | 1000              | Seattle           |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           |
| KFAE     | 349                   | 500               | Pullman           |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           |
| CKCD     | 410                   | 1000              | Vancouver         |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           |
| CFCN     | 440                   | 3000              | Calgary           |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           | X           | X           |
| KGU      | 270                   | 500               | Honolulu          |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             | X           | X           |
| WFAA     | 476                   | 500               | Dallas            |              | X           |             |             |              |               |           |           |           |           |           |           | X         | X         |           | X         | X         | X         |           |           |           |           |            |             |             |             |             |
| WBAP     | 476                   | 1000              | Fort Worth        | X            | X           | X           |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           |
| KOA      | 323                   | 5000              | Denver            | X            | X           |             |             |              |               |           |           |           | X         | X         |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| KFWA     | 231                   | 500               | Ogden             |              |             |             |             |              |               |           |           |           |           |           | X         | X         |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           |
| KSL      | 300                   | 1000              | Salt Lake City    |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           |
| KTHS     | 375                   | 500               | Hot Springs       |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           |
| WOC      | 484                   | 2000              | Davenport         | X            |             | X           |             |              |               | X         |           |           |           |           |           |           |           | X         | X         | X         | X         |           |           |           |           |            |             |             |             |             |
| WDAF     | 366                   | 500               | Kansas City       |              |             |             |             |              |               | X         | X         |           |           |           |           | X         | X         |           | X         | X         | X         |           |           |           |           |            | X           | X           | X           | X           |
| KFKX     | 238                   | 1000              | Hastings, Neb.    |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           |
| WWJ      | 353                   | 500               | Detroit           |              |             |             |             |              | X             | X         | X         |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |
| WLS      | 345                   | 500               | Chicago           | X            | X           |             |             | X            | X             | X         |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           | X           | X           |
| WQJ      | 448                   | 500               | Chicago           |              |             |             |             |              | X             | X         |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           | X           | X           |
| WMAQ     | 448                   | 500               | Chicago           |              |             |             |             |              |               |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         |           |           |           |           |            |             |             |             |             |
| KYW      | 535                   | 1000              | Chicago           |              |             |             |             |              |               |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| WGN      | 370                   | 1000              | Chicago           |              |             |             |             |              |               |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         |           |           |           |           |            |             |             |             |             |
| WTAM     | 330                   | 1500              | Cleveland         |              |             |             |             |              |               |           |           |           |           |           |           | X         |           |           |           |           |           |           |           |           |           |            |             |             |             |             |
| WGR      | 391                   | 500               | Buffalo           |              |             | X           | X           | X            | X             |           |           |           | X         | X         |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| KDKA     | 309                   | 1000              | Pittsburgh        |              |             |             |             |              |               |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         |           |           |           |           |            |             |             |             |             |
| WOO      | 509                   | 500               | Philadelphia      |              |             |             |             |              |               |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         |           |           |           |           |            |             |             |             |             |
| WPG      | 299                   | 1000              | Atlantic City     |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           |
| *WGY     | 385                   | 1500              | Schenectady       |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         |            |             |             |             |             |
| WJZ      | 455                   | 1000              | New York          |              |             |             | X           | X            | X             | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |
| WMBF     | 384                   | 500               | Miami, Fla.       |              |             |             |             |              |               |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           |

\*WGY—379-3000—Schenectady—4:15 to 7:30 p. m.

\*KRE—259-100—Berkeley—9 to 11 p. m.



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and  
Outdoors*

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(Operating)

**RADIO SALES & SERVICE, INC.**

So. California Radio Company  
Los Angeles



# SATURDAY TIME TABLE

Radio Doinas  
ALL TIME TABLES ADJUSTED  
TO  
PACIFIC TIME

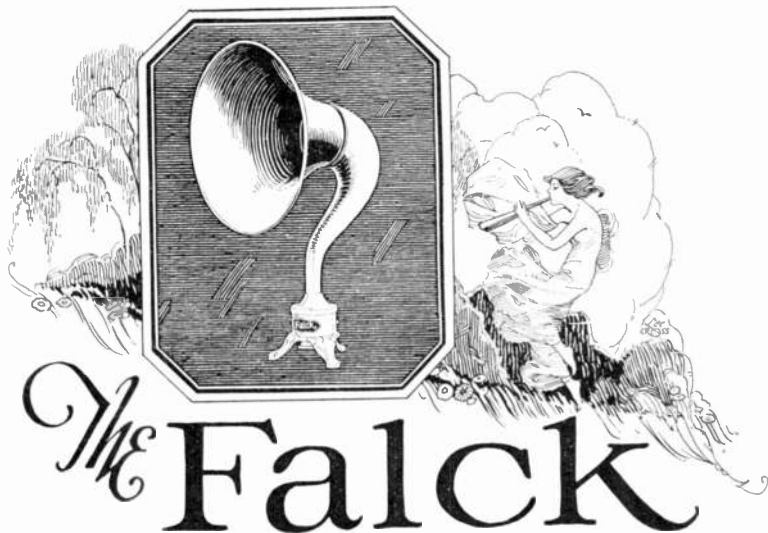
(X) Indicates Station is On the Air

\* Indicates change or correction in listing; see note at bottom of page.

| STATIONS |                       |                   | 10-12<br>A.M.     | 12-2<br>P.M. | 2-4<br>P.M. | 4-6<br>P.M. | 6-8<br>P.M. | 8-10<br>P.M. | 10-12<br>P.M. |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
|----------|-----------------------|-------------------|-------------------|--------------|-------------|-------------|-------------|--------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|-------------|---|---|---|
| CALL     | Wave Length<br>Meters | Power in<br>Watts | LOCATION          | 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 | 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 |   |   |   |
|          |                       |                   |                   | KFI          | 468         | 3000        | Los Angeles |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |
| KHJ      | 405                   | 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 |   |   |
| KNX      | 337                   | 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 |   |   |
| KFSG     | 277                   | 500               | Los Angeles       |              | X           | X           | X           |              |               |           |           |           | X         | X         |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          |             |             |             |             |   |   |   |
| KFWB     | 252                   | 500               | Hollywood         |              |             |             |             |              |               |           |           | X         | X         |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KFWO     | 211                   | 250               | Catalina          |              |             |             |             |              |               |           |           |           |           |           |           |           |           | X         | X         |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KFON     | 233                   | 100               | Long Beach        | X            | X           |             |             |              |               |           |           |           |           |           |           |           |           |           |           | X         | X         | X         |           |           | X         | X         |            |             | X           | X           | X           | X |   |   |
| KFVD     | 205                   | 100               | San Pedro         |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           | X         |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KPO      | 429                   | 500               | San Francisco     |              | X           |             | X           |              |               |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KLS      | 360                   | 250               | San Francisco     |              |             |             |             |              |               |           |           |           | X         | X         | X         |           |           |           |           |           |           | X         |           |           |           |           |            |             |             |             |             |   |   |   |
| KFRG     | 267                   | 50                | San Francisco     |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           |             |             |             |   |   |   |
| KJBS     | 236                   | 50                | San Francisco     | X            | X           | X           |             |              |               |           |           | X         |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           |             |             |             |   |   |   |
| KFUS     | 235                   | 50                | Oakland           |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           |             |             |             |   |   |   |
| KGO      | 361                   | 3000              | Oakland           |              |             | X           | X           | X            |               |           |           |           |           |           | X         | X         | X         |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KZM      | 242                   | 50                | Oakland           |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           | X         |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KRE      | 259                   | 100               | Berkeley          |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KMJ      | 234                   | 50                | Fresno            |              |             |             |             |              |               |           |           | X         | X         |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KFEC     | 246                   | 50                | Portland          |              |             |             |             |              |               |           |           |           | X         | X         |           |           | X         |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KFQU     | 234                   | 100               | Holy City, Calif. |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X          | X           | X           | X           |             |   |   |   |
| KGW      | 492                   | 500               | Portland          |              |             | X           | X           | X            | X             |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         |           |           |           |            |             |             |             |             |   |   |   |
| KFJR     | 263                   | 50                | Portland          |              |             |             |             |              |               |           | X         | X         |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| KFOA     | 454                   | 500               | Seattle           |              |             |             |             |              |               |           |           |           |           | X         | X         | X         |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X |   |   |
| KTCL     | 305                   | 1000              | Seattle           |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KGU      | 270                   | 500               | Honolulu          |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X          | X           | X           | X           | X           | X | X |   |
| CFCN     | 440                   | 3000              | Calgary           |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   | X | X |
| CKCD     | 410                   | 1000              | Vancouver, B. C.  |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         |            |             |             |             |             |   |   |   |
| WFAA     | 476                   | 500               | Dallas            |              | X           |             |             |              |               |           |           |           |           |           |           | X         | X         |           |           |           | X         | X         |           |           |           |           |            |             |             |             |             |   |   |   |
| WBAP     | 476                   | 1000              | Fort Worth        | X            | X           | X           | X           |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| WOAI     | 394                   | 2000              | San Antonio       |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           | X         | X         |           |           |           |           |            |             |             |             |             |   |   |   |
| WOC      | 484                   | 2000              | Davenport         | X            |             |             | X           |              | X             |           |           |           |           | X         |           |           |           |           |           | X         |           |           |           | X         | X         |           |            |             |             |             |             |   |   |   |
| WSMB     | 319                   | 500               | New Orleans       |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         |            |             |             |             |             |   |   |   |
| KTHS     | 375                   | 500               | Hot Springs       |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         |           |           |            |             |             |             |             |   |   |   |
| KOA      | 323                   | 5000              | Denver            | X            | X           |             |             |              |               |           |           |           |           |           |           |           |           |           | X         | X         |           |           |           | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KLZ      | 283                   | 250               | Denver            |              | X           |             | X           | X            |               |           |           | X         |           |           |           |           |           |           |           |           | X         |           |           | X         | X         |           |            |             |             |             |             |   |   |   |
| KSL      | 300                   | 1000              | Salt Lake City    |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| WDAF     | 366                   | 500               | Kansas City       |              |             |             |             |              | X             |           |           |           |           |           | X         | X         |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             | X | X | X |
| KSD      | 545                   | 500               | St. Louis         |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         |           |           |            |             |             |             |             |   |   |   |
| WWJ      | 353                   | 500               | Detroit           |              |             |             | X           | X            | X             |           |           |           | X         | X         | X         | X         | X         |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| WCX      | 517                   | 500               | Detroit           |              |             |             |             |              |               |           |           | X         | X         |           |           |           |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| WBZ      | 331                   | 1000              | Springfield       |              |             |             |             |              |               |           |           |           |           |           | X         | X         | X         | X         | X         | X         |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| WTAM     | 390                   | 1500              | Cleveland         |              |             |             |             |              |               |           |           |           |           |           | X         |           |           |           |           |           | X         | X         | X         | X         |           |           |            |             |             |             |             |   |   |   |
| WKRC     | 328                   | 1000              | Cincinnati        |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X          | X           | X           |             |             |   |   |   |
| WQJ      | 448                   | 500               | Chicago           |              |             |             |             |              | X             | X         |           |           |           |           |           |           |           |           | X         | X         |           |           |           |           | X         | X         | X          | X           |             |             |             |   |   |   |
| WMAQ     | 448                   | 500               | Chicago           |              |             |             |             |              |               |           |           |           |           |           |           |           | X         |           |           | X         | X         | X         |           |           |           |           |            |             |             |             |             |   |   |   |
| KYW      | 535                   | 1000              | Chicago           |              |             |             |             |              |               |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| WLS      | 345                   | 500               | Chicago           |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| WGN      | 370                   | 1000              | Chicago           |              |             |             |             |              |               |           |           |           |           | X         | X         | X         |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X |   |
| KDKA     | 309                   | 1000              | Pittsburgh        |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         |           |           |           |           |            |             |             |             |             |   |   |   |
| WGY      | 385                   | 1500              | Schenectady       |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         |           |            |             |             |             |             |   |   |   |
| WGR      | 319                   | 500               | Buffalo           |              |             |             |             |              |               |           |           |           |           |           | X         | X         |           |           |           |           |           |           |           |           |           |           |            |             |             |             |             |   |   |   |
| WJZ      | 455                   | 1000              | New York          |              |             | X           | X           | X            | X             | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |
| WOO      | 509                   | 500               | Philadelphia      |              |             |             |             |              |               |           |           |           |           |           |           |           | X         | X         | X         | X         | X         |           |           |           |           |           |            |             |             |             |             |   |   |   |
| WPG      | 299                   | 1000              | Atlantic City     |              |             |             |             |              |               |           |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         |            |             |             |             |             |   |   |   |
| WMBF     | 384                   | 500               | Miami, Fla.       |              |             |             |             |              |               |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X         | X          | X           | X           | X           | X           | X | X | X |

\*WGY—379-2500—Schenectady—6 to 9 p. m. Authorized to use 50,000 watts.  
\*KRE—259-100—Berkeley—9 to 11 p. m.





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## DAILY EXCEPT SUNDAY—

- 7:00 to 7:15 a. m.—“Setting-Up Exercises,” by Prof. Barclay L. Severns.
- 12:00 to 12:30 p. m.—Leighton's Arcade Cafeteria Orchestra; Jack Cronshaw, director.
- 5:30 to 6:00 p. m.—Leighton's Arcade Cafeteria Orchestra, under the director of Jack Cronshaw.
- 6:00 to 6:30 p. m.—Art Hickman's Biltmore Concert Orchestra, directed by Edward Fitzpatrick.

## WEEK COMMENCING SUNDAY, OCTOBER 11, 1925

### SUNDAY, OCTOBER 11—

- 10:00 a. m.—Dr. Edgar F. Magnin, Rabbi of Temple B'nai B'rith.
- 10:30 a. m. to 12:30 p. m.—Organ recital and entire religious service from the First Methodist Episcopal Church. Dr. Elmer E. Helms, pastor; Arthur Blakeley, organist.
- 4:00 to 5:00 p. m.—Sunday afternoon musicale, through courtesy of Western Auto Supply Co.
- 8:00 to 10:00 p. m.—Program through the courtesy of the Martin Music Company.

### MONDAY, OCTOBER 12—

- 12:30 to 1:30 p. m.—Program will present the Piggly Wiggly Girls, playing through the courtesy of the Piggly Wiggly Stores; and Myrtle E. Watters, soprano. Silent the balance of the day.

### TUESDAY, OCTOBER 13—

- 12:30 to 1:30 p. m.—Owen Fallon's Collegians, from the Balboa Pavilion.
- 2:30 to 3:30 p. m.—Matinee program through the courtesy of the Pacific States Electric Company.
- 6:30 to 7:30 p. m.—Children's Hour presenting Prof. Walter Sylvester Hertzog, radio historian; the weekly visit of the Radio Fairies—Queen Titania and her Sandman; Louis F. Klein, auto-harp and harmonica; Charles Leslie Hill, 4-year-old reader, and Lenore Killian, contralto.
- 7:30 p. m.—H. M. Robertson will speak on “Dogs.”
- 8:00 to 10:00 p. m.—Program through courtesy of Broadway Department Store.
- 10:00 to 11:00 p. m.—Art Hickman's Dance orchestra, Biltmore Hotel.

### WEDNESDAY, OCTOBER 14—

- 12:30 p. m.—Program of dance music.
- 1:30 p. m.—Fred C. McNabb, the radio gardener, will give his weekly garden talk, courtesy of Aggeler & Musser Seed Company.
- 2:30 to 3:30 p. m.—Matinee program through the courtesy of the Pacific States Electric Company.
- 3:30 p. m.—McClelland Reed will speak on “Psychology.”
- 6:30 to 7:45 p. m.—Children's Hour presenting Prof. Walter Sylvester Hertzog, radio historian; Dick Winslow, screen juvenile and reporter; Mickey McBan, screen juvenile; Camilla Johnson, in a tiny book review; Vivian Marple, “Blue Bird of KHJ.”
- 8:00 p. m.—Dr. Mars Baumgardt will speak on “Astronomy.”
- 8:30 to 10:30 p. m.—Program through the courtesy of the F. B. Miller Company—Home of Militarized Service.
- 10:00 to 11:00 p. m.—Art Hickman's orchestra, Biltmore Hotel, in program of dance music.

### THURSDAY, OCTOBER 15—

- 12:30 to 1:30 p. m.—Kenneth Morse and his orchestra from the Friars' Inn.
- 2:30 to 3:30 p. m.—Program through courtesy of Pacific States Electric Company.
- 7:30 to 7:45 p. m.—Children's Hour, presenting Prof. Walter Sylvester Hertzog, radio historian; Dickie Brandon, screen juvenile; “Sunny Jane” Hughes, and others.
- 7:45 p. m.—Dr. Philip M. Lovell will speak on “The Care of the Body.”
- 8:00 to 9:00 p. m.—Program through courtesy of Fitzgerald Music Company.
- 9:00 to 10:00 p. m.—Program through courtesy of “The Lifeway Fellowship.”
- 10:00 to 11:00 p. m.—Art Hickman's orchestra, Biltmore Hotel.

### FRIDAY, OCTOBER 16—

- 12:30 to 1:30 p. m.—Rod Loring's orchestra from the Oaks Tavern.
- 2:30 to 3:30 p. m.—Matinee program through courtesy of the Pacific States Electric Company.
- 6:30 to 7:30 p. m.—Children's Hour, presenting Prof. Walter Sylvester Hertzog, radio historian; Billy Hill, 7-year-old violinist, pupil of Morris Stoloff; Mickey DeLano, 8-year-old pianist, and others.
- 7:30 p. m.—Through courtesy of Santa Fe Railroad, Miss Gladys De Witt will speak on “The Romance of the Santa Fe Trail.”
- 8:00 to 11:00 p. m.—Art Hickman's Dance orchestra, Biltmore Hotel.

### SATURDAY, OCTOBER 17—

- 12:30 to 1:30 p. m.—Egyptian Ballroom orchestra, Huntington Park.
- 2:30 to 3:30 p. m.—Program through courtesy of Pacific States Electric Company.
- 6:30 to 7:30 p. m.—Children's Hour presenting Prof. Walter Sylvester Hertzog, radio historian; Jack Searle; David Durand, “Little Boy Blue of Radioland;” George Ezra Crane, Jr., screen juvenile; Henrietta Poland, “Little Forget-Me-Not;” Dollie Wright, “Dolly of Radioland.”
- 7:30 p. m.—The Sizer Trio of Long Beach; Selina Sizer, director.
- 8:00 to 10:00 p. m.—Program through the courtesy of the Coast Enameling and Plating Company and the Pacific Enameling and Plating Company.
- 10:00 to 11:00 p. m.—Art Hickman's Dance orchestra, Biltmore Hotel.
- 11:30 p. m. to 2:00 a. m.—Lost Angels of KHJ.

Beginning the week of October 12, Radio Doings' Technical Hour will be broadcasted every Thursday Night, 7:00 to 7:30, over KFWB, instead of Monday nights, as heretofore.

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## DAILY EXCEPT SUNDAY—

- 7:30 a. m.—KNX Morning Gym, directed by J. C. Casey, Physiotherapist.
- 8:00 a. m.—Inspiration talk and morning prayer.
- 9:00 a. m.—Time signals from Washington, D. C., followed by Birthday notices.
- 10:00 a. m.—Town Crier of the Day's Morning Message.
- 10:30 a. m.—Kate Brew Vaughn, director Household Economics, Evening Express.
- 12:00 m. to 1:00 p. m.—Wurlitzer organ recital from Wurlitzer studio (except Sunday and Monday).
- 1:30 p. m.—The Book Worm.
- 2:00 to 5:00 p. m.—Radio matinee; market reports.
- 5:30 to 6:15 p. m.—Wurlitzer organ concert, Wurlitzer Studio; Sid Ziff "Sport Talk."
- 5:55 p. m.—The Town Tattler.
- 6:15 p. m.—W. F. Alder Travelogue.
- 6:30 to 7:00 p. m.—Atwater Kent Orchestra, Ray Thomas, Inc., successors to Electric Equipment Co., distributors of Atwater Kent Radio Receiving Sets.

## WEEK COMMENCING SUNDAY, OCTOBER 11, 1925

### SUNDAY, OCTOBER 11—

- 10:00 a. m. to 12:00 noon—First Presbyterian Church of Hollywood, Rev. Stewart P. McLennan.
- 2:00 to 4:00 p. m.—Park Board program from Westlake Park.
- 7:00 to 8:00 p. m.—First Presbyterian Church of Hollywood, Rev. Stewart P. McLennan.
- 8:00 to 9:00 p. m.—Ambassador Concert orchestra, Josef Rosenfeld, leader.
- 9:00 to 10:30 p. m.—Feature program.

### MONDAY, OCTOBER 12—

- 12:00 noon to 1:00 p. m.—West Coast Theatres from West Coast Studio.
- 4:00 p. m.—Helen's Household Hints, Veda Knapp; Music appreciation.
- 7:00 to 7:30 p. m.—Mutual Motors, Inc., mirth contest; Town Crier of the Night Watch.
- 7:30 to 8:00 p. m.—Columbia Outfitting Co., courtesy program.
- 8:00 to 9:00 p. m.—L. W. Stockwell Company, courtesy program.
- 9:00 to 10:00 p. m.—Ward Gas Floor Furnace courtesy program.
- 10:00 to 11:00 p. m.—B. F. Goodrich Rubber Co. of Akron, Ohio, courtesy program. Goodrich Silvertown Cord orchestra, Lilyan May Challenger.
- 11:00 to 12:00 p. m.—Hotel Ambassador, Ray West's Coconut Grove orchestra.

### TUESDAY, OCTOBER 13—

- 1:00 p. m.—Garden Talk by Mr. Chenoweth of Beverly Hills Nurseries.
- 2:00 to 3:00 p. m.—Mother's Hour; an hour of music and educational talks in the interests of children.
- 7:00 to 7:45 p. m.—Don Clark and his La Monica Ball Room orchestra.
- 7:45 p. m.—Talk on health by Dr. Robert T. Williams.
- 10:00 to 12:00 p. m.—(Movie night) Ambassador Hotel; Ray West's Coconut Grove orchestra and Town Crier of the Night Watch.

### WEDNESDAY, OCTOBER 14—

- 8:45 a. m.—Wesley Beans, baritone.
- 1:00 p. m.—Dr. Wayne B. Burr, "Care of Children."
- 7:00 to 8:00 p. m.—Ambassador Concert orchestra, Josef Rosenfeld, leader.
- 8:00 to 9:00 p. m.—Feature program; Town Crier of the Night Watch.
- 9:00 to 10:00 p. m.—Hercules Gasoline Co. courtesy program.
- 10:00 to 11:00 p. m.—Dance orchestra.

### THURSDAY, OCTOBER 15—

- 11:00 a. m.—Nature talk, courtesy of Marvel Ant Gelatin Co.
- 7:00 to 8:00 p. m.—H. L. Crockett courtesy program.
- 8:00 to 10:00 p. m.—Feature program; Town Crier of the Day Watch.
- 10:00 to 11:00 p. m.—Hotel Ambassador, Ray West's Coconut Grove orchestra.

### FRIDAY, OCTOBER 16—

- 1:00 p. m.—The Village Gossip.
- 2:00 to 3:00 p. m.—Los Angeles Federation of Womens' Clubs, musical program.
- 5:30 p. m.—Talk on Golf by D. Scott Chisholm from Wurlitzer Studio.
- 7:30 p. m.—Eastern Outfitting Co. courtesy program; Town Crier of the Night Watch.
- 8:00 to 9:00 p. m.—West Coast Theatres from West Coast Studio.
- 9:00 to 10:00 p. m.—Davis Perfection Bread Company courtesy program.
- 10:00 to 11:00 p. m.—Dance orchestra.
- 11:00 to 12:00 p. m.—Hotel Ambassador, Ray West's Coconut Grove orchestra.

### SATURDAY, OCTOBER 17—

- 8:15 a. m.—Art Pabst in songs accompanying himself on the banjo.
- 1:00 p. m.—F. W. Van Why, chief technician. Radio talk to radio fans.
- 2:45 p. m.—Van Vorhees Knapp on "Psychosaphy."
- 3:00 p. m.—Town Crier of the Day Watch and his pals.
- 7:00 p. m.—H. W. McSpadden talk on insect life.
- 7:15 p. m.—Announcing Sunday services in the leading Los Angeles Churches.
- 7:30 to 8:00 p. m.—Wurlitzer organ concert from Wurlitzer studio.
- 8:00 to 10:00 p. m.—Feature program; Town Crier of the Night Watch.
- 10:00 to 11:00 p. m.—Hotel Ambassador, Ray West's Coconut Grove orchestra.
- 11:00 p. m. to 2:00 a. m.—Hollywood Nite; Town Crier of the Night Watch.

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WEEK COMMENCING SUNDAY, OCTOBER 11, 1925

## SUNDAY, OCTOBER 11—

We come on the air at 9:00 p. m. with Warner Bros. Frolic. Several movie stars participate in the evening's entertainment. The artists this week will be Al Meyer's Aeolians, featuring incomparable music; Albert Keglovich, 12-year-old violinist; Breffni Beggs, recitations; Frank Pierce and Vic Beall, the Sunshine Boys of KFVB; Frances St. George, the KFVB Jazzmania Girl; Nellie Lina Long and Lucile Baker, double piano; Howard "Ginn" Flynn, banjo; Peggy Mathews, blue singer; Charles Beauchamp, tenor; Babe Brown, ukulele; Frank Stever, baritone. Sign off at 11:00 p. m.

## MONDAY, OCTOBER 12—

5:00 to 6:00 p. m.—Children's hour, conducted by Big Brother of KFVB.  
5:30 to 7:00 p. m.—An Altadena program, featuring Ray Kellogg and Bill Hatch. This program is presented by courtesy of E. P. Janes, Builder of Fine Homes, Altadena.  
7:00 to 7:30 p. m.—Radio Doings' Question and Answer Period, conducted by K. G. Ormiston, Technical Editor of Radio Doings.  
7:30 p. m.—Microphone Brevities.  
8:00 to 9:00 p. m.—Program presented by the courtesy of The Star Motor Car Company, featuring The Million Dollar Four Orchestra. Sol Hoopii's, Jr., Trio. Frances St. George, KFVB Jazzmania Girl. Tom Mitchell, baritone.  
9:00 to 11:00 p. m.—"The Eskimo Review," presented by the courtesy of the Globe Ice Cream Company and the Weber Baking Company, featuring Bob Mayo's Orchestra.

## TUESDAY, OCTOBER 13—

11:00 to 12:00 a. m.—Madame Elane's style talk.  
5:00 to 6:00 p. m.—Children's hour, conducted by Big Brother of KFVB.  
6:30 to 7:00 p. m.—An Altadena program, presented by the courtesy of E. P. Janes, Builder of Fine Homes, Altadena, featuring Ray Kellogg and Bill Hatch.  
7:00 to 7:15 p. m.—Howard A. Beall, golf instructor at the Biltmore Hotel, talks on golf.  
7:15 to 7:30 p. m.—Dr. W. I. Schuster, scientific chiropractor.  
7:30 p. m.—Microphone Brevities.  
8:00 p. m.—A "Pep" program presented by the courtesy of Kellogg Sales.  
9:00 p. m.—Program presented by the courtesy of H. L. Crockett, Hudson-Essex Dealer, featuring H. L. Crockett, baritone; Paul Jones, Hawaiian guitar; The Elite Trio, composed of Louise Sullivan, violin and vocalist; Florence Sullivan, cornet; Georgia Booth, piano; Way Watts and his ukulele.  
10:00 to 11:00 p. m.—Warner Bros. Frolic.

## WEDNESDAY, OCTOBER 14—

5:00 to 6:00 p. m.—Children's hour, conducted by Big Brother of KFVB.  
6:30 to 7:00 p. m.—An Altadena Program, presented by the courtesy of E. P. Janes, Builder of Fine Homes, Altadena, featuring Ray Kellogg and Bill Hatch.  
7:00 to 7:30 p. m.—A half-hour of fun presented by the courtesy of The Mutual Motors.  
7:30 p. m.—Microphone Brevities.  
8:00 to 10:00 p. m.—Program presented by the courtesy of John Wright, the Right Tailor, featuring Lee Kent; The John Wright Orchestra; Julian A. Marshall, tenor; Jack Wilson and his ukulele; Michel Howe, xylophone; Kathryn Martin, soprano, and others.  
10:00 to 11:00 p. m.—Warner Bros. Frolic.

## THURSDAY, OCTOBER 15—

7:30 p. m.—Microphone Brevities.  
7:50 p. m.—Jack Boaz, fishing scout of the New York Hardware Trading Co., reports on fishing conditions in Southern California.  
8:00 p. m.—Program presented by the courtesy of The Star Piano Company.  
9:00 p. m.—Program presented by the courtesy of Don P. Smith, Inc., distributors for Moon and Diana Cars for Southern California, featuring the Diana-Moon Orchestra; Max Ibers, banjo; Sol Hoopii's Hawaiian Trio; Dan Gridley, tenor; The Harmony Girls.  
10:00 to 11:00 p. m.—Warner Bros. Frolic. A feature of this frolic will be Harry G. Keiper's famous Movieland Orchestra.

## FRIDAY, OCTOBER 16—

7:30 p. m.—Microphone Brevities.  
8:00 to 9:00 p. m.—Joe Martin's Studio Six Orchestra; Beatrice Igoe, soprano; Lottie Humbert, blue singer; Chas. Offenberg, piano; Charles Beauchamp, tenor; The Co-Ed String Trio.  
9:00 to 10:00 p. m.—Program presented by the courtesy of The Paralta Photographic Studios, featuring The Paralta Orchestra; Drove Norton Lindsay, tenor, and others.  
10:00 to 11:00 p. m.—Warner Bros. Frolic.

## SATURDAY, OCTOBER 17—

7:30 p. m.—Microphone Brevities.  
8:00 p. m.—Anna Margaret Trevett, soprano; Robert R. Taylor, vocalist; Fred Hayn, flute; Barbara Bunnell, blue singer; Warner Bros. Syncopaters.  
9:00 p. m.—Nellie Lina Long and Lucile Baker, double piano; Grace Walper, soprano; the Valry Sisters, vocal duets; Carlyle Scott, tenor; Bill Bake; Warner Bros. Syncopaters.  
10:00 to 11:00 p. m.—Warner Bros. Frolic.

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### SUNDAY, OCTOBER 11—

- 10:30 a. m. to 12:30 p. m.—Complete Church Service with sermon by Aimee Semple McPherson. Charlotte Tyson Foljome, soprano. John Kennedy, baritone. Esther Fricke Green, organist.  
 2:30 to 4:30 p. m.—Afternoon service with dispensational address by pastor. Will J. Stitt, baritone. Ukelele Band under the direction of Essie Binkley Locy.  
 7:00 to 8:00 p. m.—Sacred concert. Choir and silver band under the direction of Gladwyn N. Nichols. Bible School quartet. Agnes Pearson, flutist. Wilbur Herwig, tenor. Barbara Bell, child soprano. Helen Stanhope, soprano.  
 8:00 to 9:45 p. m.—Revival service conducted by Aimee Semple McPherson.

### TUESDAY, OCTOBER 13—

- \*\*10:30 to 11:30 p. m.—Sunshine Hour.  
 11:30 a. m. to 13:30 p. m.—Organist, Ruth Frances Thomas. Mabel Fay and Florence Bettchi, contraltos. Mattie Duckett, colored soprano. Zetta Gibbens, soprano.  
 3:30 to 4:30 p. m.—Organ recital by Esther Fricke Green. Wesley Beans, baritone. Isabel Corning, soprano.  
 6:30 to 7:30 p. m.—Grey Studio program arranged by Harry James Beardsley.

### WEDNESDAY, OCTOBER 14—

- \*10:30 to 11:30 a. m.—Sunshine Hour.  
 11:30 a. m. to 12:30 p. m.—Organ recital by B. Earnest Ballard. John Kennedy, baritone. Amanda Garden, reader. Bible School quartet.  
 2:30 to 5:30 p. m.—Regular Divine Healing Service conducted by Aimee Semple McPherson. Testimonies. Ladies Chorus. Fanny Ashby, radio girl.  
 6:30 to 7:30 p. m.—Program arranged by John Kennedy.

### THURSDAY, OCTOBER 15—

- \*10:30 to 11:30 a. m.—Sunshine Hour.  
 11:30 to 12:30 p. m.—Alice Reed and Eunice Hogan Craigin, sopranos. Organ recital by B. Earnest Ballard.  
 3:30 to 4:30 p. m.—Organ recital by B. Earnest Ballard.  
 7:30 to 9:15 p. m.—Water Baptismal service conducted by pastor.  
 9:00 to 10:00 p. m.—Ruth Frances Thomas, arranging program.  
 10:00 to 11:00 p. m.—Organ recital by Esther Fricke Greene.

### FRIDAY, OCTOBER 16—

- \*10:30 to 11:30 a. m.—Sunshine Hour.  
 11:30 a. m. to 12:30 p. m.—Organ recital by B. Earnest Ballard. Margaret McNeil, Ruth Winter Hanna, sopranos.  
 3:30 to 4:30 p. m.—Organ recital by B. Earnest Ballard.  
 7:30 to 9:30 p. m.—Crusaders rally. Address by Aimee Semple McPherson.  
 9:30 to 10:30 p. m.—Program by Temple Silver band under the direction of Gladwyn N. Nichols.

### SATURDAY, OCTOBER 17—

- \*\*10:30 to 11:30 a. m.—Sunshine Hour.  
 11:30 to 12:30 p. m.—Organ recital by Esther Fricke Greene. Clyde Umhey, baritone. Howard Murphey & Herbert Rodgers, harmonicas. Girls ukelele trio. Inglewood trio.  
 7:30 to 9:30 p. m.—Divine Healing service by pastor.  
 \*Sunshine Trio. Fanny Ashby, soloist. Essie Binkley Locy, cornetist.  
 \*\*Gladwyn N. Nichols.

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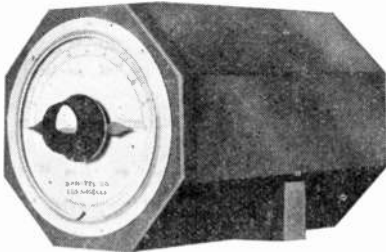
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WEEK COMMENCING SUNDAY, OCTOBER 11, 1925

### SUNDAY, OCTOBER 11—

10:45 a. m. to 12:30 p. m.—Regular services of the Church of the Open Door, including sermon by Dr. R. A. Torrey. Musical program under the direction of Prof. J. B. Trowbridge, assisted by Mr. C. M. Books, baritone soloist; Prof. Alfred A. Butler, organist; and the Chorus Choir.  
6:00 to 6:45 p. m.—Radio Vesper Service with sermon. Mrs. J. R. Bell and Mr. H. G. Leonard, soloists. Martha Dennett Miller, organist.  
7:15 to 9:30 p. m.—Regular evening services of the Church of the Open Door. Sermon by Dr. R. A. Torrey. Musical program in charge of Prof. J. B. Trowbridge, assisted by Prof. Alfred A. Butler, organist; Chorus Choir; and Mr. Raymond Conner and orchestra.

### MONDAY, OCTOBER 12—

8:00 to 9:00 p. m.—Program arranged by Prof. H. G. Tovey, director of programs. Clifford Carpenter, xylophonist; Harold Kuhnle, violinist; Miss Ruth Lilyquist, contralto; Miss Helen Yetha, accompanist.

### TUESDAY, OCTOBER 13—

8:00 to 9:00 p. m.—Program given by the Girls' Harmony Chorus of the Miramonte Presbyterian Church. Mr. Clarence Goin, director.

### WEDNESDAY, OCTOBER 14—

8:00 to 9:00 p. m.—Musical program arranged by Miss Lois Kimball, soprano soloist, assisted by other artists.

### THURSDAY, OCTOBER 15—

8:00 to 9:00 p. m.—Exposition of the Whole Bible Sunday School lesson by Miss Winifred Rouzee.

### FRIDAY, OCTOBER 16—

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

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### MONDAYS—

12:30 to 1:30 p. m. and 6:30 to 7:45 p. m.—Orchestra and Studio.

### TUESDAYS—

12:30 to 1:30 p. m.—Orchestra and Studio.  
5:00 to 6:00 p. m.—Miss Hewitt's Golden Hour.  
6:30 to 7:45 p. m.—Orchestra and Studio.

### WEDNESDAYS—

12:30 to 1:30 p. m. and 6:30 to 7:45 p. m.—Orchestra and Studio.

### THURSDAYS—

12:30 to 1:00 p. m. and 6:30 to 7:45 p. m.—Orchestra and Studio.

### FRIDAYS—

12:30 to 1:30 p. m.—Orchestra and Studio.  
5:00 to 6:00 p. m.—Miss Hewitt and Rev. LaRue C. Watson Golden Hour.  
6:30 to 7:45 p. m.—Orchestra.  
7:45 to 9:00 p. m.—Overseas Night and KFWO Quartette.

### SATURDAYS—

12:30 to 1:30 p. m. and 6:30 to 7:45 p. m.—Orchestra and Studio.

### SUNDAYS—

12:30 to 1:30 p. m.—Orchestra and Studio.  
5:00 to 6:00 p. m.—Miss Hewitt's Golden Hour.  
6:30 to 7:45 p. m.—Orchestra and Studio.

### SPECIAL—FRIDAY, OCTOBER 9—

7:45 to 9:00 p. m.—Mrs. Olga Trumbull, 'celist; Miss Elsie Manion, violinist.

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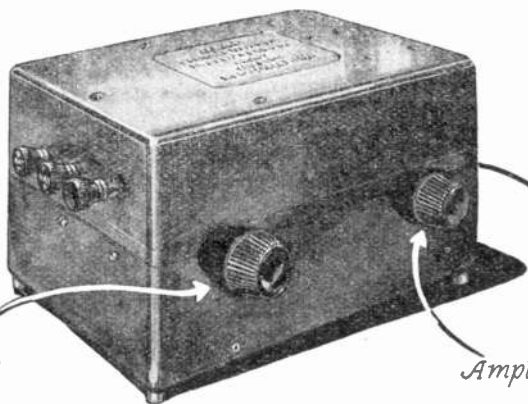
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WEEK COMMENCING MONDAY, OCTOBER 12, 1925

**MONDAY, OCTOBER 12—**

10:00 to noon—Studio program. Linnie Lee Guess, pianiste.  
 Silent Nite.

**TUESDAY, OCTOBER 13—**

10:00 to noon—Studio program. Linnie Lee Guess, pianiste.  
 7:00 to 9:00 p. m.—Ralph R. Rommel and his orchestra. Urban Thelman, pianist.

**WEDNESDAY, OCTOBER 14—**

10:00 to noon—Studio program. Virginia Tappan's talk.  
 7:00 to 9:00 p. m.—Maude Burnette, dramatic soprano, and her company. Mu Phi Epsilon Trio.

**THURSDAY, OCTOBER 15—**

10:00 to noon—Studio program. Fern Pickering, pianiste.  
 7:00 to 9:00 p. m.—Rosa Gavito, pianiste; Hollywood Serenaders. Roy Cowley, tenor, accompanied by Linnie Lee Guess.

**FRIDAY, OCTOBER 16—**

10:00 to noon—Studio program. Los Angeles College of Chiropractic. Linnie Lee Guess, pianiste.  
 7:00 to 9:00 p. m.—Myrtle Hebard, dramatic contralto; Leroy Kullberg, songs with his ukulele. The Pennell Melody Trio and vocalist.

**SATURDAY, OCTOBER 17—**

10:00 to noon—Studio program. Jack Schaefer, banjo and ukulele. Linnie Lee Guess, pianiste.  
 10:45 p. m.—Musical Order of Night Owls.

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**EVERY MONDAY—**

9:00 to 9:30 a. m.—"Dad's" Hour, by Dad King.  
 5:00 to 6:00 p. m.—Home Hour, by Georgia Simmons.  
 8:00 to 9:00 p. m.—Maggie O'Shea, The Blarney Girl.  
 9:00 to 10:00 p. m.—Hollywood Orchestral Quartette.

**EVERY TUESDAY—**

9:00 to 9:30 a. m.—"Dad's" Hour, by Dad King.  
 9:30 to 10:00 a. m.—Sylvia Szymanski, The Blind Cook.  
 5:00 to 6:00 p. m.—Home Hour, by Georgia Simmons.  
 8:00 to 9:00 p. m.—Harold Hynes, "The Wandering Jew."  
 9:00 to 10:00 p. m.—Bickford Concert Hour.

**EVERY WEDNESDAY—**

9:00 to 9:30 a. m.—"Dad's" Hour, by Dad King.  
 5:00 to 6:00 p. m.—Home Hour, by Georgia Simmons.  
 8:00 to 9:00 p. m.—Maggie O'Shea's Radioville Hour.  
 9:00 to 10:00 p. m.—KFPG Concert Hour, by C. Harold Ramey.

**EVERY THURSDAY—**

9:00 to 9:30 a. m.—"Dad's" Hour, by Dad King.  
 9:30 to 10:00 a. m.—Sylvia Szymanski, The Blind Cook.  
 5:00 to 6:00 p. m.—Home Hour, by Georgia Simmons.  
 8:00 to 9:00 p. m.—Harold Hynes, "The Wandering Jew."  
 9:00 to 10:00 p. m.—KFPG Studio Program.

**EVERY FRIDAY—**

9:00 to 9:30 a. m.—"Dad's" Hour, by Dad King.  
 5:00 to 6:00 p. m.—Home Hour, by Georgia Simmons.  
 8:00 to 9:00 p. m.—KFPG Guest Orchestra.  
 9:00 to 11:00 p. m.—Ben Sears and his Jazz-Babies of 1885.

**EVERY SATURDAY—**

9:00 to 9:30 a. m.—"Dad's" Hour, by Dad King.  
 Special programs at other hours will be announced from time to time.

Beginning the week of October 12, Radio Doings' Technical Hour will be broadcasted every Thursday Night, 7:00 to 7:30, over KFWB, instead of Monday nights, as heretofore.

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LONG BEACH, CALIFORNIA

HAL G. NICHOLS, Manager

FRANK P. GOSS, Program Arranger and Studio Director

WEEK COMMENCING SUNDAY, OCTOBER 11, 1925

DAILY EXCEPT THURSDAY AND SUNDAY—

9:00 to 10:00 p. m.—Echophone Radio Entertainers.

SUNDAY, OCTOBER 11—

2:30 to 4:00 p. m.—The Long Beach Municipal Band under the direction of Herbert L. Clarke.

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

MONDAY, OCTOBER 12—COLUMBUS DAY—

5:30 to 6:00 p. m.—Press-Telegram radiocast of late news and sports from its own studio on roof of new Press-Telegram Bldg.

6:00 to 6:30 p. m.—The Amusement Bulletin.

7:00 to 7:30 p. m.—Echophone Radio Station musical half hour.

7:30 to 9:00 p. m.—Press-Telegram program presented by Community Service.

TUESDAY, OCTOBER 13—

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

5:30 to 6:00 p. m.—Press-Telegram radiocast of late news and sports, and James H. Harvey, Pine Ave. deep sea fishing oracle.

6:00 to 6:30 p. m.—The Amusement Bulletin.

7:30 to 8:00 p. m.—The Long Beach Municipal Band.

8:00 to 9:00 p. m.—Press-Telegram program presented by William Conrad Mills, instructor of violin.

11:00 to 1:00 a. m.—The Aero Club of Long Beach high jinx.

WEDNESDAY, OCTOBER 14—

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

5:30 to 5:35 p. m.—Peggy of the Press-Telegram in fashion's finery and what she saw in the stores.

5:35 to 6:00 p. m.—Press-Telegram radiocast of late news—sports.

6:00 to 6:30 p. m.—The Amusement Bulletin.

7:00 to 7:30 p. m.—The Echophone Radio Station musical half hour.

7:30 to 8:00 p. m.—The Municipal Band.

8:00 to 9:00 p. m.—Press-Telegram program presented by L. D. Frey, instructor of voice.

THURSDAY, OCTOBER 15—

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

5:30 to 6:00 p. m.—Press-Telegram radiocast of late news—sports.

6:00 to 6:30 p. m.—The Amusement Bulletin.

7:00 to 7:30 p. m.—The Echophone Radio Station musical half hour.

7:30 to 9:00 p. m.—The Long Beach Municipal Band.

FRIDAY, OCTOBER 16—

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

5:30 to 5:35 p. m.—James H. Harvey, Pine Ave. deep sea fishing news.

5:35 to 6:00 p. m.—Press-Telegram radiocast of news—sports.

6:00 to 6:30 p. m.—The Amusement Bulletin.

7:00 to 7:30 p. m.—The Echophone Radio Station musical half hour.

7:30 to 8:00 p. m.—The Municipal Band.

8:00 to 9:00 p. m.—Press-Telegram program presented by Velma Devins, reader and violinist.

11:00 to 1:00 a. m.—Long Beach Lodge No. 888, B. P. O. E., presenting a midnight frolic.

SATURDAY, OCTOBER 17—

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

5:30 to 6:00 p. m.—Press-Telegram radiocast of late news—sports.

6:00 to 6:30 p. m.—The Amusement Bulletin.

7:00 to 7:30 p. m.—The Markwell Salt Water Taffy Shop program by Dan.

7:30 to 8:00 p. m.—Press-Telegram presenting the Long Beach Municipal Band.

8:00 to 8:15 p. m.—Charles Matteson presenting a nature story for young people.

9:00 to 11:00 p. m.—Echophone Radio Company entertainers.

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OLIVER W. TUTTLE, Managing Director. MRS. FREDERICK CROWE, Program Director.  
CLAIR E. MORRISON, Technical Director**SUNDAY, OCTOBER 11—**

- 9:45 a. m.—Undenominational and non-sectarian church service.  
 3:00 to 4:00 p. m.—Organ recital from the California Memorial Palace of Legion of Honor;  
 6:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.  
 6:30 p. m.—Baseball scores. "Ye Towne Cryer" and amusement information service.  
 6:35 p. m.—Concert orchestra at the Palace Hotel, Cyrus Trobbe director.  
 8:00 p. m.—Palace Hotel Concert Orchestra, Cyrus Trobbe director.  
 8:30 to 10:00 p. m.—Rudy Seiger's Fairmont Hotel Orchestra,

**MONDAY, OCTOBER 12—**

- 2:30 p. m.—Matinee program.  
 5:30 to 6:15 p. m.—Children's hour stories by Big Brother, taken from the Book of Knowledge.  
 6:15 to 6:30 p. m.—Baseball scores. A. A. Housman stock quotations.  
 6:30 to 6:40 p. m.—"Ye Towne Cryer" and amusement information.  
 6:40 to 7:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.  
 8:00 to 9:00 p. m.—Program by the United States 30th Infantry Band.  
 9:00 to 10:00 p. m.—An organ recital by Uda Waldrop at the Wurlitzer.  
 10:00 to 11:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.

**TUESDAY, OCTOBER 13—**

- 2:30 p. m.—Matinee program.  
 3:30 to 4:30 p. m.—Cyrus Trobbe's Palace Hotel Concert Orchestra.  
 5:30 to 6:15 p. m.—Children's hour stories by Big Brother, taken from the Book of Knowledge.  
 6:15 p. m.—Baseball scores. A. A. Housman stock quotations.  
 6:40 p. m.—Waldemar Lind and the States Restaurant Orchestra.  
 8:00 to 9:00 p. m.—Musical program under the direction of Pearl Hassock Whitcomb.  
 9:00 to 10:00 p. m.—An evening of Russian music  
 10:00 to 11:00 p. m.—Jack Coakley's Cabirians playing at Cabiria Cafe.

**WEDNESDAY, OCTOBER 14—**

- 2:30 p. m.—Matinee program by Duke Kamoku's Royal Hawaiians.  
 5:30 to 6:15 p. m.—Children's hour stories by Big Brother, taken from the Book of Knowledge.  
 6:15 p. m.—Baseball scores. A. A. Housman stock quotations.  
 6:40 to 7:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.  
 8:00 to 9:00 p. m.—A musical program by the Atwater Kent artists.  
 9:00 to 10:00 p. m.—Program of dance music by the Goodrich Silvertown Cord Orchestra.  
 10:00 to 11:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.

**THURSDAY, OCTOBER 15—**

- 2:30 p. m.—Matinee program.  
 3:30 to 4:30 p. m.—Cyrus Trobbe's Palace Hotel Concert Orchestra.  
 5:30 to 6:15 p. m.—Children's hour stories by Big Brother of KPO.  
 6:15 p. m.—Baseball scores. A. A. Housman stock quotations.  
 6:40 to 7:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.  
 8:00 to 9:00 p. m.—A program of classical music  
 9:00 to 10:00 p. m.—A popular program by the Orchestra and Glee Club of the Glendale (Calif.)  
 10:00 to 11:00 p. m.—Jack Coakley's Cabirians, playing at Cabiria Cafe.

**FRIDAY, OCTOBER 16—**

- 12:45 p. m.—Talk from the Commonwealth Club luncheon at the Palace Hotel.  
 1:30 to 2:00 p. m.—Rudy Seiger's Fairmont Hotel Orchestra, Wm. Schwartzman conducting.  
 6:10 to 6:20 p. m.—Baseball scores. A. A. Housman stock quotations.  
 7:00 to 7:30 p. m.—Cyrus Trobbe's Concert Orchestra from the Palace Hotel.  
 8:00 to 11:00 p. m.—Palace Hotel concert and dance orchestras. Cyrus Trobbe and Gene James

**SATURDAY, OCTOBER 17—**

- 2:30 p. m.—Matinee program.  
 3:30 p. m.—Palace Hotel concert and dance orchestras, Cyrus Trobbe and Gene James directors.  
 6:15 p. m.—Baseball scores. A. A. Housman stock quotations.  
 6:35 to 7:30 p. m.—Waldemar Lind and the States Restaurant Orchestra.  
 8:00 to 12:00 p. m.—Cabiria Cafe Orchestra, Jack Coakley director.

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LANSING TEVIS, Manager

HARRISON HOLLIWAY, Station Master

**SUNDAY, OCTOBER 11—**

- 4:00 to 5:00 p. m.—Organ Recital from Kohler & Chase Studios.  
 6:30 to 7:30 p. m.—Concert by Stanislaus Bem's Little Symphony Orchestra.  
 8:00 to 10:00 p. m.—Concert by Stanislaus Bem's Little Symphony Orchestra,  
 10:00 to 12:00 p. m.—Dance music by Paul Kelli's Orchestra, Il Trovatore Roof Garden  
 Cafe. Intermission solos by Mort Harris. :|SB

**MONDAY, OCTOBER 12—**

- 10:00 a. m.—Household hints by Mary Lewis Haines, Domestic Science Expert of the San  
 Francisco Call.  
 5:30 to 6:30 p. m.—Mac and His Gang.  
 6:30 to 7:00 p. m.—Jo Mendel and His Pep Band from the Lido Cafe.  
 7:00 to 7:30 p. m.—Cressy Ferra Sollman Dinner Hour Music.  
 8:00 to 9:00 p. m.—Around the Camp Fire with Mac.  
 9:00 to 10:00 p. m.—City of Paris Players.

**TUESDAY, OCTOBER 13—**

- 6:30, 7:00, 7:30, 8:00—Physical Culture Exercises by Bernard Drury.  
 12:00 to 12:15 p. m.—Inspirational talks by Mary Katherine Maule.  
 5:30 to 6:30 p. m.—Mac and His Gang.  
 6:30 to 7:00 p. m.—Fred McKinley of Bijin's, singing popular songs.  
 7:00 to 7:15 p. m.—Talk by J. M. Cunningham, Bond Department, Anglo-California Trust  
 Company.  
 7:15 to 7:30 p. m.—Babson Statistics.  
 8:00 to 9:00 p. m.—Studio Program.  
 9:00 to 11:00 p. m.—Dance music by Paul Kelli's Orchestra, Il Trovatore Roof Garden  
 Cafe.

- 9:30 p. m.—Charleston lessons by Marion B. Waite. Intermission solos by Genevieve Chinn.

**WEDNESDAY, OCTOBER 14—**

- 6:30 to 7:30 p. m.—Concert by Stanislaus Bem's Little Symphony Orchestra, Drury Lane,  
 Hotel Whitcomb.  
 8:00 to 9:00 p. m.—Concert by Stanislaus Bem's Little Symphony Orchestra.  
 9:00 to 9:30 p. m.—Studio Gossip from Hollywood by Ernie Pagano.  
 9:30 to 11:00 p. m.—Weekly meeting of the "KFRC" Cuckoo Club; Ernie Pagano, Chief  
 Cuckoo.

- 11:00 to 1:00 a. m.—Intermission solos by Cuckoo Club guests.

**THURSDAY, OCTOBER 15—**

- 8:00 to 10:00 p. m.—Paul Kelli's Orchestra, Il Trovatore Roof Garden Cafe.  
 10:00 to 10:30 p. m.—Program by Marvel Ant Gelatin Company.  
 8:00 to 9:00 p. m.—Intermission solos, Perry Liebmann.  
 9:00 to 10:00 p. m.—Intermissions by Gertrude Jacoby.

**FRIDAY, OCTOBER 16—**

- 4:15 to 5:00 p. m.—Tea Hour music.  
 5:30 to 6:30 p. m.—Mac and His Gang.  
 6:30 to 7:30 p. m.—Concert by Stanislaus Bem's Little Symphony Orchestra.  
 8:00 to 9:00 p. m.—Concert by Stanislaus Bem's Little Symphony Orchestra.  
 9:00 to 10:00 p. m.—Studio program.  
 10:00 to 11:00 p. m.—Paul Kelli's Orchestra, Il Trovatore Roof Garden Cafe.  
 11:00 to 12:00 p. m.—Midnight Follies, courtesy of the City of Paris Radio Salon.

**SATURDAY, OCTOBER 17—**

- 4:30 to 5:30 p. m.—Tea Hour Concert by Stanislaus Bem's Little Symphony Orchestra.  
 5:30 to 6:30 p. m.—Mac and His Gang.  
 6:30 p. m.—Football Flashes.  
 6:30 to 7:30 p. m.—Wilt Gunzendorfer's Dance Band playing at the Hotel Whitcomb,  
 Drury Lane.  
 8:00 to 1:00 a. m.—Wilt Gunzendorfer's Dance Orchestra.

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1000 WATTS, OAKLAND, CALIFORNIA

ADA MORGAN O'BRIEN, Director

WEEK COMMENCING SUNDAY, OCTOBER 11, 1925

**SUNDAY, OCTOBER 11—**

10:00 to 11:00 a. m.—Bible lecture by Prof. Linsley.

11:00 a. m. to 12:30 p. m.—Church service.

7:45 to 9:00 p. m.—Church service.

9:30 to 11:00 p. m.—Late concert.

**MONDAY, OCTOBER 12—**

9:00 to 9:30 a. m.—Prayer service by Rev. Spaulding.

4:00 to 5:00 p. m.—Women's club notes.

8:00 to 10:00 p. m.—Program by Western States Life Insurance Co.

**TUESDAY, OCTOBER 13—**

9:00 to 9:30 a. m.—Prayer service by Rev. Phillips.

8:00 to 10:00 p. m.—Spanish night program by Mutual Stores.

**WEDNESDAY, OCTOBER 14—**

9:00 to 9:30 a. m.—Prayer service by Rev. Phillips.

**THURSDAY, OCTOBER 15—**

9:00 to 9:30 a. m.—Prayer service by Rev. Phillips.

8:00 to 10:00 p. m.—Studio program.

**FRIDAY, OCTOBER 16—**

9:00 to 9:30 a. m.—Prayer service by Rev. Spaulding.

8:00 to 10:00 p. m.—Program by Breuner's.

**SATURDAY, OCTOBER 17—**

9:00 to 9:30 a. m.—Prayer service by Rev. Spaulding.

Beginning the week of October 12, Radio Doings' Technical Hour will be broadcasted every Thursday Night, 7:00 to 7:30, over KFWB, instead of Monday nights, as heretofore.

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WEEK COMMENCING MONDAY, OCTOBER 12, 1925

SUNDAY, OCTOBER 11—  
Silent.

MONDAY, OCTOBER 12—

8:00 to 7:00 p. m.—Aunt Elsie's Irate Pirate for the children.

7:00 to 7:30 p. m.—News broadcast.

8:00 to 10:30 p. m.—Special Columbus Day program broadcast from the Oakland Municipal Auditorium. Oration, Hon. Joseph Scott. 'Cello solo, Scholo Cantorum; Sacred Heart Boys' Choir. Finale: Wolohan's Paramount Orchestra.

TUESDAY, OCTOBER 13—

3:15 p. m.—Baseball.

7:00 to 7:30 p. m.—Aunt Elsie's Irate Pirate for the children. Silent after 7:30 p. m.

WEDNESDAY, OCTOBER 14—

3:15 p. m.—Baseball.

7:00 to 7:30 p. m.—News broadcast.

8:00 to 9:10 p. m.—Educational program, featuring Roy Harrison Danforth, Ad Schuster, Harry Noyes Pratt, Gerard Taillandier, Prof. E. R. de Ong, Fred L. Button, President of the Oakland Pioneers, who will speak on "Oakland Sixty Years Ago," and other experts of The Tribune and University of California.

9:10 to 10:00 p. m.—Program broadcast through the courtesy of the Olis S. Grove Radio Stores.

10:00 to 11:30 p. m.—Sweet's ballroom. Harry Davis and his ballroom entertainers.

THURSDAY, OCTOBER 15—

3:15 p. m.—Baseball.

7:00 to 7:30 p. m.—News broadcast. Silent after 7:30 p. m.

FRIDAY, OCTOBER 16—

3:15 p. m.—Baseball.

8:00 to 7:00 p. m.—Aunt Elsie's Irate Pirate for the children.

8:00 to 9:45 p. m.—Western Auto Supply Company. Auto Campfire Program No. 4.

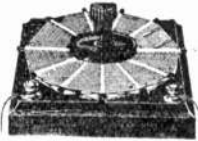
9:45 to 11:30 p. m.—Sweet's Ballroom, Harry Davis and his ballroom entertainers.

SATURDAY, OCTOBER 17—

3:15 p. m.—Baseball.

7:00 to 7:30 p. m.—News broadcast. Silent after 7:30 p. m.

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**DAILY EXCEPT SUNDAY—**

7:15 to 7:30 a. m.—Health Training Exercises; Hugh Barrett Dobbs.

7:45 a. m.—"Pep Class"; Hugh Barrett Dobbs.

8:15 to 8:30 a. m.—Health Training Exercises; Hugh Barrett Dobbs.

8:30 a. m.—"Daily Strength"—Cheerio.

11:30 a. m. to 1:00 p. m.—Luncheon concert, courtesy Pacific States Electric Company.

**DAILY EXCEPT SATURDAY AND SUNDAY—**

1:30 p. m.—N. Y. and S. F. stock reports and weather.

7:00 p. m.—News items, baseball scores, and final reading of weather and stock reports, and S. F. produce news.

**WEEK COMMENCING SUNDAY, OCTOBER 11, 1925****SUNDAY, OCTOBER 11—**

11:00 a. m.—Service of the Calvary Presbyterian Church, San Francisco; Ezra Allen Van Nuys, D. D., minister.

3:30 p. m.—Concert by KGO Little Symphony Orchestra.

7:30 p. m.—Service of the Calvary Presbyterian Church, San Francisco; Ezra Allen Van Nuys, D.D., minister.

**MONDAY, OCTOBER 12—**

3:00 to 4:00 p. m.—Program from the Kohler &amp; Chase Ampico studios, San Francisco.

5:30 to 6:00 p. m.—Aunt Betty stories and KGO Kiddies' Klub, Ruth Thompson.

6:00 to 7:00 p. m.—Dinner concert from the Kohler &amp; Chase Ampico studios,

8:00 p. m.—Educational program. Liebestraume (Liszt), Arion Trio; "Clean, Cold and Covered—the Three C's for the Care of Food," California State Board of Health.

8:10 p. m.—"Physical Culture for the Family," Hugh Barrett Dobbs. Arion Trio.

8:45 p. m.—"Talks on Constructive Selling—Mechanics of Selling" (Part Two), B. J. Williams. Arion Trio.

9:30 p. m.—"It Pays to Analyze Character—Selling the Convex," Roscoe D. Wyatt. Arion Trio.

9:45 p. m.—"Preliminary Course in Commercial Law—Stockholders,"

**TUESDAY, OCTOBER 13—**

4:00 to 5:30 p. m.—Concert Orchestra of the Hotel St. Francis,

6:00 to 7:00 p. m.—Dinner concert from the Kohler &amp; Chase Ampico studios.

8:00 p. m.—National Carbon Company program, Oakland studio.

**WEDNESDAY, OCTOBER 14—**

3:00 to 4:00 p. m.—Frank Clark in popular piano numbers; Paul Benson, baritone; speaker from the Williams Institute, Berkeley.

4:00 to 5:30 p. m.—Concert orchestra of the Hotel St. Francis, San Francisco,

5:30 p. m.—Mr. Fix it.

6:00 to 7:00 p. m.—Dinner concert from the Kohler &amp; Chase Ampico studios,

**THURSDAY, OCTOBER 15—**

4:00 to 5:30 p. m.—Concert orchestra of the Hotel St. Francis, San Francisco.

5:30 to 6:30 p. m.—George W. Ludlow, "Friend to Boys," with Joe Block, blind violinist.

8:00 p. m.—Oakland Studio program: "Expressing Willie," a comedy in three acts, by Rachel Crothers, presented by the KGO Players under the direction of Wilda Wilson Church.

10:00 p. m. to 12 midnight—Dance music program by Ben Glack's Orchestra.

**FRIDAY, OCTOBER 16—**

3:00 to 4:00 p. m.—Concert by Norman Woodside's Metropolitan Orchestra,

4:00 to 5:30 p. m.—Concert orchestra of the Hotel St. Francis, San Francisco.

5:30 to 6:00 p. m.—Girls' Half Hour, conducted by Esther Wood Schneider.

6:00 to 7:00 p. m.—Dinner concert from the Kohler &amp; Chase Ampico studios,

Silent Night.

**SATURDAY, OCTOBER 17—**

4:00 to 5:30 p. m.—Concert orchestra of the Hotel St. Francis, San Francisco.

8:00 p. m.—Weekly "Sport Review," by Al Santoro.

8:10 p. m.—Program given from the Sherman, Clay &amp; Company's Aeolian Organ Studio.

10:00 p. m. to 12 midnight—Dance music program from Hotel St. Francis, San Francisco.

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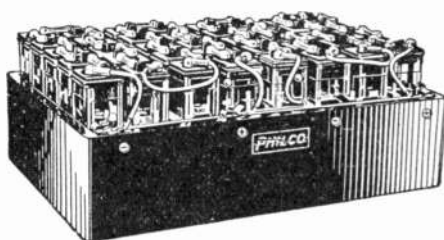
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WEEK COMMENCING SUNDAY, OCTOBER 11, 1925

**SUNDAY—OCTOBER 11—**

9:00 to 9:30 a. m.—Half hour of Sunday School lesson program under the auspices of the magazine "Today," Mabel F. Sherman, editor. Sunday School lesson outline by Gilbert F. Hoff. Special songs by O. T. Trio.

3:30 to 4:30 p. m.—Studio program of sacred music by the chorus of the Oakland Temple Baptist Church, Charles Eugene Ross, pastor.

**TUESDAY, OCTOBER 13—**

2:30 to 3:00 p. m.—Musical program sponsored by the Sherman School. Special feature, cornet solos by Gilbert F. Hoff; vocal solos, June Garrard.

3:00 to 3:30 p. m.—Usual half-hour program of answers to health questions by Louis L. Sherman, M.D. Mail in your questions to the Sherman School.

**WEDNESDAY, OCTOBER 14—**

8:00 to 9:00 p. m.—Studio program of sacred music by the Melrose Baptist Church, Oakland, Rev. D. M. Dawson, pastor. Special numbers by the choir, in addition to a brief address by the pastor.

**THURSDAY, OCTOBER 15—**

4:30 to 5:00 p. m.—Studio program on health problems by Louis L. Sherman, M.D. Mail in your health questions to the Sherman School.

5:00 to 5:30 p. m.—Children's Novelty program by boys and girls, courtesy of the "Ford's Toy Fair." Violin solo by Russell Morris; vocal solo, Chester Guthrie; "Healthy Bunny," read by Isabel Creighton; musical boxes and dolls; Little Alexander, sung by Bernice Bonnett.

**FRIDAY, OCTOBER 16—**

8:00 to 9:00 p. m.—Studio program of sacred music by the Gospel Tabernacle Chorus of the Christian and Missionary Alliance Church, Rev. Hardy W. Mitchell, pastor.

**SATURDAY, OCTOBER 17—**

6:00 to 7:00 p. m.—Rose Mueller Evangelistic Studio program. Special features: Orchestra selections, chorus numbers of sacred songs; brief address by Evangelist Rose Mueller.

**KFBK—The Sacramento Bee and Kimball-Upson Co.**Sacramento, California. "In the Heart of California"  
100 Watts—248 Meters**MONDAY, OCTOBER 12—**

7:30 p. m.—News Bulletin, weather reports and baseball.

7:40 p. m.—Classical program.

8:00 p. m.—Pantages-Hippodrome vaudeville numbers.

8:30 p. m.—Novelty features.

9:00 p. m.—Californians jazz orchestra.

**THURSDAY, OCTOBER 15—**

7:30 p. m.—News bulletins, weather reports and baseball.

7:30 p. m.—Vocal and instrumental selections.

8:10 p. m.—Pantages-Hippodrome vaudeville features.

8:20 p. m.—Glenn's Orchestra in semi-classical numbers.

8:40 p. m.—Novelty program.

9:00 p. m.—Studio concert.

**SATURDAY, OCTOBER 17—**

7:30 p. m.—News bulletin, weather reports and baseball.

7:40 p. m.—Studio concert.

8:10 p. m.—E. Max Bradfield and his versatile band.

8:50 p. m.—Musical program.

9:00 p. m.—Continuation of studio and musical program.

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WEEK COMMENCING SUNDAY, OCTOBER 11, 1925

### SUNDAY, OCTOBER 11—

11:00 a. m. to 12:30 p. m.—Church services from First M. E. Church, Dr. J. Ralph Magee, pastor.  
7:15 to 7:30 p. m.—Organ recital played by Mrs. Montgomery Lynch on the great organ of First M. E. Church.  
7:30 to 9:00 p. m.—Evening services of First M. E. Church, J. Ralph Magee, pastor.  
9:00 to 10:30 p. m.—Puget Sound Savings & Loan Assn. orchestra under the direction of Henri Damski.

### MONDAY, OCTOBER 12—

1:15 to 2:00 p. m.—Organ recital played on the Wurlitzer organ of the Columbia Theatre.  
7:00 to 8:30 p. m.—Sears Roebuck & Co. studio program.  
8:30 to 10:00 p. m.—Post Intelligencer studio program.  
10:00 to 11:00 p. m.—Dance program by Gordon Kilbourne and his orchestra.

### TUESDAY, OCTOBER 13—

10:00 to 11:00 a. m.—Musical program by Mrs. James Boswell, representing Rainier National Park.  
1:15 to 2:00 p. m.—Organ recital played on the Wurlitzer organ of the Columbia Theatre.  
6:00 to 6:30 p. m.—"What's Doing at the Theatres," baseball scores and weather reports.  
8:30 to 10:00 p. m.—Puget Sound Savings & Loan Assn. concert orchestra.

### WEDNESDAY, OCTOBER 14—

1:15 to 2:00 p. m.—Organ recital played on the Wurlitzer organ of the Columbia Theatre.  
7:00 to 8:30 p. m.—Sears-Roebuck & Co. studio program.  
8:30 to 10:00 p. m.—Post-Intelligencer studio program.

### THURSDAY, OCTOBER 15—

1:15 to 2:00 p. m.—Organ recital played on the Wurlitzer organ of Columbia Theatre.  
6:00 to 6:30 p. m.—"What's Doing at the Theatres," baseball scores and weather reports.  
8:30 to 10:00 p. m.—Puget Sound Savings & Loan Assn. concert orchestra.  
10:30 to 12:00 midnight—Post Intelligencer presenting weekly meeting of the "Keep Joy Radiating Order of Bats."

### FRIDAY, OCTOBER 16—

10:30 to 11:30 a. m.—Educational program by Puget Sound Savings & Loan Assn.  
1:15 to 2:00 p. m.—Organ recital played on Wurlitzer of Columbia Theatre.  
6:00 to 6:30 p. m.—"What's Doing at the Theatres," baseball scores and weather reports.  
8:30 to 10:00 p. m.—Post-Intelligencer studio program.  
10:00 to 11:00 p. m.—Dance program by Gordon Kilbourne and his orchestra.

### SATURDAY, OCTOBER 17—

1:15 to 2:00 p. m.—Organ recital played on Wurlitzer organ of Columbia Theatre.  
8:30 to 10:00 p. m.—The L. C. Warner Co. studio program.

## REVOLUTIONARY! STARTLING!

The New Radio Developments of The

# CROSLEY

We Carry Complete Stock  
of All New Models  
Prices Range From

**\$10.73 to \$66.00**

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**GRAND AVE. RADIO CO.**

2218½ South Grand Avenue

LOS ANGELES

**Premier**  
5 TUBE  
**Ensemble**  
ESTD 1920

Let Us Wire the Ensemble for You  
Free This Week

Complete Stock of Sets, Speakers  
and Accessories

## HARMON RADIO SHOP

4366 S. Vermont

Los Angeles

# K F O A—Pacific Northwest Station—454.3 Meters

RHODES DEPARTMENT STORE, ARCADE SQUARE, SEATTLE, WASHINGTON  
(Pacific Time)

CARL E. HAYMOND, Station Director

WEEK COMMENCING MONDAY, OCTOBER 12, 1925

**MONDAY, OCTOBER 12—**

- 12:45 to 1:30 p. m.—The Lions Club luncheon program from the Italian Room of the Olympic Hotel.
- 4:00 to 5:15 p. m.—The Times' "Afternoon at Home" program.
- 6:00 to 6:45 p. m.—Pacific States Electric Co., presenting the Hoffman Orchestra.
- 6:45 to 8:15 p. m.—Sherman, Clay & Company studio program.
- 8:30 to 10:00 p. m.—The Times' studio program.

**TUESDAY, OCTOBER 13—**

- 12:30 to 1:30 p. m.—Kiwanis Club luncheon program from the Italian Room of the Olympic Hotel.
- 4:00 to 5:15 p. m.—The Times, Wm. F. Hoffman's Olympic Hotel Concert Orchestra.
- 6:00 to 6:45 p. m.—Pacific States Electric Co., presenting the Hoffman Orchestra.
- 6:45 to 8:15 p. m.—Rhodes Dept. Store studio program, arranged by Wm. J. Taggart of the Taggart Motor Co.
- 8:30 to 9:30 p. m.—Feature program.
- 9:30 to 11:30 p. m.—Eddie Harkness and his orchestra.

**WEDNESDAY, OCTOBER 14—**

- 12:30 to 1:30 p. m.—The Rotary Club luncheon program from the Spanish Room of the Olympic Hotel.
- 4:00 to 5:15 p. m.—The Times, Wm. F. Hoffman's Olympic Hotel Orchestra.
- 6:00 to 6:45 p. m.—Pacific States Electric Co., presenting the Hoffman Orchestra. Baseball scores.
- 6:45 to 8:15 p. m.—Hopper Kelly Company studio program.
- 8:30 to 10:00 p. m.—The Times' studio program.

**THURSDAY, OCTOBER 15—**

- 12:30 to 1:30 p. m.—Young Men's Business Club luncheon program from the Italian Room of the Olympic Hotel.
- 4:00 to 5:15 p. m.—The Times, Wm. F. Hoffman's Olympic Hotel Concert Orchestra. Evening silent.

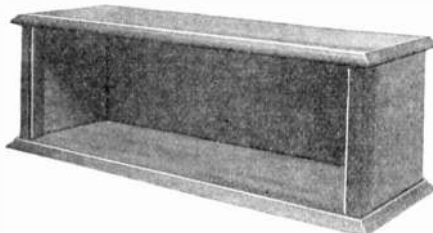
**FRIDAY, OCTOBER 16—**

- 12:30 to 1:30 p. m.—Seattle Chamber of Commerce program from their new C. of C. building.
- 4:00 to 5:15 p. m.—The Times, Wm. F. Hoffman's Olympic Hotel Concert Orchestra.
- 6:00 to 6:45 p. m.—Pacific States Electric Co., presenting the Hoffman Orchestra.
- 6:45 to 8:15 p. m.—Sherman, Clay & Company studio program.
- 8:15 p. m.—Weather report and special announcements.
- 8:30 to 10:00 p. m.—The Times' studio program.
- 10:00 to 11:00 p. m.—Eddie Harkness and his orchestra.

**SATURDAY, OCTOBER 17—**

- 4:00 to 5:15 p. m.—The Times, Wm. F. Hoffman's Olympic Hotel Concert Orchestra.
- 6:00 to 6:45 p. m.—Pacific States Electric Co., presenting the Hoffman Orchestra.
- 8:30 to 9:30 p. m.—Baseball scores.
- 8:30 to 11:30 p. m.—Eddie Harkness and his orchestra.

Beginning the week of October 12, Radio Doings' Technical Hour will be broadcasted every Thursday Night, 7:00 to 7:30, over KFWB, instead of Monday nights, as heretofore.



## No. 100 Series Radio Cabinets

We carry a large stock of these Cabinets for immediate delivery in the following sizes:

| No. | Size    | Price  | No. | Size    | Price  |
|-----|---------|--------|-----|---------|--------|
| 101 | 7x12x8  | \$3.00 | 110 | 7x24x10 | \$4.50 |
| 102 | 7x12x10 | 3.25   | 111 | 7x26x8  | 4.75   |
| 103 | 7x14x8  | 3.25   | 112 | 7x26x10 | 5.00   |
| 104 | 7x14x10 | 3.50   | 113 | 7x27x8  | 5.00   |
| 105 | 7x18x8  | 3.75   | 114 | 7x27x10 | 5.25   |
| 106 | 7x18x10 | 4.00   | 115 | 7x28x8  | 5.25   |
| 107 | 7x21x8  | 4.00   | 116 | 7x28x10 | 5.50   |
| 108 | 7x21x10 | 4.25   | 117 | 7x30x8  | 6.00   |
|     |         |        | 118 | 7x30x10 | 6.50   |

—A well constructed cabinet of Philippine mahogany throughout. Ends grooved to slide panel in. Lid hinged at back. Moulded top and base.

Above prices on unfinished cabinets F. O. B. Los Angeles. Terms cash with order.  
—Send for free bulletin of Radio Furniture.

1338-1342 San Julian St. A-1 WOODWORKING CO. Los Angeles, Calif.

# K O A—Rocky Mountain Broadcasting Station

322.4 METERS—930 KILOCYCLES  
GENERAL ELECTRIC COMPANY, DENVER, COLORADO  
(Pacific Time)

WEEK COMMENCING SUNDAY, OCTOBER 11, 1925

## SUNDAY, OCTOBER 11—

- 10:00 a. m.—Service of St. John's Episcopal Cathedral, Denver.
- 11:30 a. m.—World Series returns.
- 3:00 p. m.—Organ recital, St. John's Episcopal Cathedral, Denver.
- 6:30 p. m.—Service of St. John's Episcopal Cathedral, Denver.

## MONDAY, OCTOBER 12—

- 11:15 a. m.—World Series returns.
- 2:00 p. m.—Rialto Theatre musicale.
- 5:30 p. m.—Dinner concert, Herbert White and his Silver State Orchestra, Brown Palace Hotel, Denver.
- 6:30 p. m.—Sandman's hour.
- 7:00 p. m.—Scientific football, Tom McNamara, KOA football coach.
- 7:10 p. m.—Studio program, courtesy the Young Women's Christian Association, Denver.

## TUESDAY, OCTOBER 13—

- 11:15 a. m.—World Series returns.
- 2:00 p. m.—Rialto Theatre musicale.
- 2:30 p. m.—Matinee for housewives.
- 5:00 p. m.—Stock markets; livestock: produce; sports and news.
- 5:30 p. m.—Dinner concert. Herbert White and his Silver State Orchestra, Brown Palace Hotel, Denver.
- 6:00 p. m.—News-Times concert.

Silent Night.

## WEDNESDAY, OCTOBER 14—

- 10:45 a. m.—Weather; road reports; stocks; markets; livestock and produce.
- 11:15 a. m.—Rialto Theatre musicale.
- 5:30 p. m.—Dinner concert. Herbert White and his Silver State Orchestra, Brown Palace Hotel, Denver.
- 6:30 p. m.—Book of Knowledge.
- 7:00 p. m.—Scientific football, Tom McNamara, KOA football coach.
- 7:10 p. m.—Studio program of vocal trios and solos; instrumental selections and readings.

## THURSDAY, OCTOBER 15—

- 10:45 a. m.—Weather; road reports; stocks; markets; livestock and produce.
- 11:15 a. m.—Rialto Theatre musicale.
- 5:30 p. m.—Dinner concert, Herbert White and his Silver State orchestra, Brown Palace Hotel, Denver.
- 6:30 p. m.—Farm question box.

Silent Night.

## FRIDAY, OCTOBER 16—

- 10:45 a. m.—Weather; road reports; stocks; markets; livestock and produce.
- 11:15 a. m.—Rialto Theatre musicale.
- 2:30 p. m.—Matinee for housewives.
- 5:30 p. m.—Dinner concert, Herbert White and his Silver State orchestra, Brown Palace Hotel, Denver.
- 6:30 p. m.—Preview of International Sunday School lesson.
- 7:00 p. m.—Scientific football, Tom McNamara, KOA football coach.
- 7:10 p. m.—Studio program of semi-classical and classical musical numbers, miscellaneous readings and instrumental selections. Artists taking part will be: Emma Maclear Murphy, soprano; Louis E. Shrewsbury, tenor; Belle Kimball Pratt, pianist; Grayce Barger, violin; Mrs. M. E. Shuck, readings, and Dr. Cornelius De Bey, bass. Accompanists will be Edna Mae Crothers, Orville Wasley and Mrs. Cornelius De Bey.

## SATURDAY, OCTOBER 17—

- 10:45 a. m.—Weather; road reports; stocks; markets; livestock and produce.
- 11:15 a. m.—Rialto Theatre musicale.

## RADIO THAT SATISFIES

Two-Tube Set in Cabinet with  
A.C. Attachment, \$35.00

Less Accessories

Burns Speakers, \$22.50

Wave Traps, \$6.00

Guaranteed to cut out any unwanted  
station or money refunded

Five-Tube Set in Cabinet  
\$85.00

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Denver, Oakland, Frisco and Portland  
through Local.

Local Stations without Aerial or Ground.

REPAIRING

## STANDARD RADIO CO.

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417 W. Pico So.

LOS ANGELES

**K F W A—Browning Brothers Co.—161 Meters  
500 Watts—Ogden, Utah**

"Keeping Friends With All."

DAILY EXCEPT SUNDAY—

5:45 p. m.—Market reports.

SUNDAY, OCTOBER 11—

Silent.

MONDAY, OCTOBER 12—

5:00 to 6:00 p. m.—Ogden Radio Dealers' program.

9:00 to 10:00 p. m.—Musical program presented by The Fashion Shop.

TUESDAY, OCTOBER 13—

5:00 to 6:00 p. m.—Ogden Radio Dealers' program.

WEDNESDAY, OCTOBER 14—

5:00 to 6:00 p. m.—Ogden Radio Dealers' program.

9:00 to 10:00 p. m.—Musical program presented by the Globe Mills.

10:00 to 11:00 p. m.—Musical program presented by the Lion Coal Co. and Ellis Fuel Co.

11:00 to 12:00 p. m.—Dance music by Olie Reeves and his orchestra, playing at the Berthana Ballroom.

THURSDAY, OCTOBER 15—

5:00 to 6:00 p. m.—Ogden Radio Dealers' program.

FRIDAY, OCTOBER 16—

5:00 to 6:00 p. m.—Ogden Radio Dealers' program.

9:00 to 10:00 p. m.—Musical program presented by J. G. Real & Bros. Co.

SATURDAY, OCTOBER 17—

5:00 to 6:00 p. m.—Ogden Radio Dealers' program.

9:00 to 12:00 p. m.—Dance music by Olie Reeves and his orchestra, playing at the Berthana Ballroom.

Beginning the week of October 12, Radio Doings' Technical Hour will be broadcasted every Thursday Night, 7:00 to 7:30, over KFWB, instead of Monday nights, as heretofore.

**BURNT, OUT TUBES WANTED**

We are in the market for UV-201A and C-301A burnt out radio tubes—Ten cents for Bakelite Bases—7½c for Brass Base. Mail parcel post. Insuring unnecessary.

**NATIONAL RADIO TUBE CO.**

748 14th St.

San Francisco, Calif.

**Premier**  
5 TUBE  
**Ensemble**

See "Doc" for the Premier Ensemble

Guaranteed Radio Sets and Equipment  
"No Battery Sets"

**RADIO DOC**

231 N. Mentor Ave.—Terrace 7290-W

Pasadena, Calif.

## THE FOUR CIRCUIT COCKA-DAY

(Continued from page 34)

antenna tuning tap switch, the secondary tuning condenser C1, and the oscillation control condenser C2. It is a sensitive and selective circuit, but critical of construction and adjustment. The antenna coupling loop L1 is one turn of copper rod 1-16th inch square. L2 is 43 turns on a 3¼ inch tube tapped at five places. L3 and L4 are of 65 and 34 turns, respectively, No. 18 double cotton covered wire on 3¼ inch tube. The two variable condensers are 17 plates. The absorption circuit is grounded to eliminate body-capacity effects in tuning. The grid leak is 2 megohms, the grid condenser .00025 MF.

A 4½ volt C battery is included in the audio amplifier grid circuits to improve quality and reduce B battery consumption.

Classroom instruction by radio from KGO, the General Electric Pacific Coast Station, was resumed this week by the Oakland public schools as an integral part of its system of education. Sixth grade pupils, in ten schools in the city, will receive instruction on Mondays at 10:45 o'clock, and ninth grade pupils are scheduled by the bureau of Curriculum Development, Research and Guidance, to take radio lessons on Thursdays at the same hour. School children are assembled in the regular classrooms under normal conditions of the ten schools taking part. The teacher takes his or her place in the studio of KGO miles away, and from the loud speakers located before the classes will issue the instructions embodied in the lessons given. By the use of radio in this way, thousands of parents, while going about their daily affairs, may listen in to what is going on in the school rooms and to what is being taught their children.

## A MESSAGE FROM M. A. R. S. WHILE THEY LAST!

### NEW RADIOLA MODEL 25

Complete, Less Batteries and Speaker, \$165.00

RADIOLA SUPER EIGHT—Complete, less batteries, \$340.00

ASK US ABOUT OUR CONVENIENT TERMS

### MANUAL ARTS RADIO SHOP

4154 S. Vermont

Phone VERmont 7836

Los Angeles

**Premier**  
5 TUBE  
**Ensemble**

Purchase Your Premier Ensemble from  
San Pedro's Leading Radio Dealer

Neutrowound Sets Falck Speakers  
Parts and Accessories

## SAN PEDRO ELECTRIC CO.

261 Sixth St.

Phone 884

San Pedro, Cal.



**RADIO BANS ISOLATION**

(Continued from page 32)

with epidemics among farm animals; in battling against insect pests; in furthering the mission of farmers' organizations, and in developing better methods of farming. In rush seasons broadcasting may well call attention to the availability of labor supply. It may contribute to the fluidity of such supply by enabling one region to draw on the labor surplus of another.

In animal epidemics there is, generally, no lack of information as to the proper procedure. The problem is to make such information instantly available. The farmer who, in times of emergency, must act promptly, lacks the time or the inclination to consult a distant authority, and he cannot keep a herd of sick steers waiting while he wades through a maze of many pamphlets to find the particular treatment needed. Time and availability are the very essence of his situation. By giving the farmer what he wants just when he wants it, broadcasting will widely extend the emergency services of

the various agencies which the Government has created to help him, and to support which he pays taxes.

But in the long run, perhaps the greatest utility of radio to the farmer is in tying in with the extension work of various agricultural colleges and schools, as well as the various State organizations devoted to improvement of farm methods. Today but a relatively small number of farms benefit from such instruction. But in some sections of the country this class of broadcasting is being served to farm listeners, and in time it will be generally available. With 31,000,000 people living on our farms, the agricultural colleges of the country enroll but 150,000 students. Here is an opportunity, vast in its possibilities, to extend the scope of agricultural education. Radio should bring the advantages of scientific schooling to millions of farmers. It will enable the student, whose college course has been interrupted, to continue it often under the same instructors. With practical men in charge of such instruction the potentialities in this line are without limit.

# NEW WAVE LENGTHS

Owing to changes in wave lengths by U. S. Department of Commerce for practically all stations

*All Present Call Books Are Obsolete*

## RADIO DOINGS

Announces Publication of an

### *Up-to-date Call Book*

Containing all Changes to Sept. 1, 1925, with Charts, Maps, Keys, etc., and

**A LOG FOR EVERY STATION**

Including All Amateur Stations

**A GREATER AND BETTER CALL BOOK THAN EVER  
PRICE 25 CENTS**

Dealers Write for Discounts

**RADIO DOINGS, 529 Van Nuys, Los Angeles, California**

# "WHO'S WHO"

## In RADIO

### —and the reasons why



*EDITOR'S NOTE.—This page will be a weekly feature in Radio Doings. The radio buying public should know something of the men and organizations who stand back of the merchandise they are purchasing. A closer and more intimate touch between buyer and seller instills confidence in both, and this feature should prove very valuable in helping to standardize and stabilize radio merchandise. The buyer has an investment in the set he owns and is entitled to know something of the people in whose property he has invested.*

## Marshank Sales Co.

Introducing Mr. D. N. Markshank, president Marshank Sales Company, with offices at 926 Insurance Exchange building, Los Angeles, and also with sales forces at San Francisco, Portland, Seattle and Spokane.

Manufacturing Agents' Association for six years, and he only escaped from longer service in similar capacity by change in residence.

As sales representative for Marburg Bros., New York, he was made branch manager at Chicago for the entire Middle-Western states, which position he held for two years. From 1915 to 1920 he was general western representative for the Guaranteed Magneto Parts Company, New York, and established the Los Angeles branch for them in 1919, where he remained until he formed his present sales organization some four years ago.

With the intimate knowledge he attained in the radio field he readily foresaw its present phenomenal possibilities, which lead directly to his vast sales activities. Probably in no other sales organization are so many nationally known radio products manufacturers assembled, yet, "Mark" is never too busy to meet the trade.

The Marwol Radio Corp., the New York Coil Co., and the Televocal Corp., all of New York City; and the Celesto Rubber Co., Boston; Newton Pressed Steel & Mfg. Co., Newton, Mass., and the Lindquist Tool & Mfg. Co., Worcester, Mass., are some of the representative firms he has under the Marshank banner.



**D. N. MARSHANK**

How well Mr. Markshank knows his "wave lengths," and all else pertaining to the world of radio, theoretically and commercially, he alternated as vice-president and president of the Radio

## Trade Notes

The Albin organization, one of Los Angeles' pioneer radio institutions, are operating upon the firm conviction that service is the backbone of radio. According to Fred G. Albin, chief engineer of the firm, no radio set is any better than the service it gets. This concern, operating now three successful stores, base their progress to date upon the well founded and highly efficient service department operated by them.

H. Earle Wright, Inc., 123-129 Second St., San Francisco, and 415 East Eighth St., Los Angeles, have been appointed exclusive California distributors for the well known Kolster line of receiving sets manufactured by the Federal Telephone Company, Woolworth Bldg., New York, and Hobart Bldg., San Francisco. Dr. Kolster, after whom this set is named, is the inventor of the Kolster Radio Compass in use by the United States Navy and many of the large passenger lines. The Wright Co. have also been appointed distributors for the Brandes lines and Ray-O-Vac Batteries and other accessories. See their advertisement in this issue.

Silver Beauty Chargers are made by the Triple A Specialty Company, Chicago, and are well known to the Southern California trade. They charge both A and B batteries.

Distribution for Southern California on Van Horne Radio Tubes and Silver Beauty Battery Chargers has been acquired by the Western Auto Electric Company, 1601 South Hope St., Los Angeles, Calif.

Van Horne Tubes are manufactured by the Van Horne Company of Ohio, which, it is said, has had long experience in the production of this kind of equipment. The tubes are claimed to be especially economical of current.

Official announcement has been made by Herbert H. Frost, President of the Radio Manufacturers' Association, that the Show Committee of the Radio World's Fair, held in the 258th Field Artillery Armory, had designated the official shows of the manufacturers for 1926. These will be the Third Annual Radio World's Fair in New York and the Fifth Annual Chicago Show in the latter city. These two shows will be under the direction of U. J. Herrmann and G. Clayton Irwin, Jr., who are conducting the Radio World's Fair this week in co-operation with the manufacturers.

Ten examiners are now constantly employed in the United States Patent Office in considering and acting upon applications for further patents on improvements in the radio field.

**Premier**  
STUBE  
**Ensemble**

**PREMIER ENSEMBLE  
GRIMES**

711 N. Lake

**LEE RADIO SHOP**

**S**ETS  
SERVICE  
SUPPLIES

*Open  
Evenings*

Phone Niagara 3506

**RADIOLAS  
DE FOREST**

Pasadena

## Out of the Air

Station WCAU, Philadelphia, in conjunction with the Sequi-Centennial exposition which is to be held in that city during 1926, is going to broadcast a special feature every Thursday from 10 p. m. to 11 p. m., known as the Sesqui hour. Among the features during that hour will be the United States Marine band, nationally known speakers, and stars of the stage.

Vaseline rubbed on the terminals of the storage battery will prevent corrosion.

Relay stations are being installed on the main Russian railroad lines. These will enable travelers on the principal express trains to listen in during the journey to the usual musical and other radio programs.

All wires carrying high voltages should be carefully insulated and may be bunched together. All high frequency leads should be separated and run at right angles where practical.

A program of classical and semi-classical music will be offered Friday evening, Oct. 16, at KOA, Denver broadcasting station of the General Electric Company. Opening features will be "Carmena," and "A Song of Hope," to be sung by Emma Maclear Murphy, soprano; "Serenade" and "To a Wild Rose," violin solos, to be played by Grayce

Barger, and "Love Me or Not" and "Two Grenadiers," two bass solos to be given by Dr. Cornelius DeBey. Included will be piano solos, Sibelius' "Romance in D Flat," and "Scherzo," by Mendelssohn, which will be played by Belle Kimball Pratt, and a group of vocal numbers, "Nina" and "Mother O' Mine," to be given by Louis E. Shrewsbury, tenor. Other offerings will be a patriotic reading and group of original impersonations by Mrs. M. E. Shuck.

Friday, Sept. 25, 1925.

### RADIO DOINGS:

Last night from 11:12 p. m. to 12:10 a. m. I listened to the following, banjo solo. "Moonlight and Roses." At 11:44 p. m. "Roses of Picardy," then "Hotsy Totsy," "Macushla," "The Rosary" and finally "My Country 'Tis of Thee." This station was received approximately between KOA and KNX. Plenty of volume with little fading. Could not understand call letters or city, hence this letter. Will fans kindly write to

"Hastings"

K N R C

Los Angeles.

"A Program of Old Favorites," musical numbers familiar to everybody, will be included in the main part of the KGO broadcast for Tuesday evening, October 13.

**Premier**  
STUBE  
**Ensemble**

## PREMIER "ENSEMBLE"

*Radio's Best Value*

**WIRED FREE THIS WEEK**

**Price \$35.00**

*Complete Stock of Standard Radio Equipment*

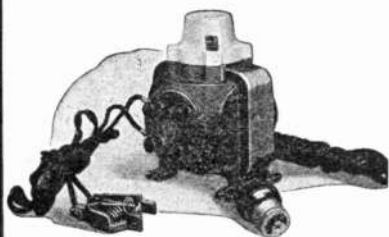
**L. A. RADIO CORP.**

**2569 W. Pico St.**

**Phone BEacon 1757**

**Los Angeles**

**EAST AND WEST**  
ITS  
**"ACME"**



Model AB2-120 **\$11.50**  
Less Tube

Ask your Jobber, Or

**N. F. ANDRUSS**

426 Larkin St.

San Francisco, Cal.

**THE ACME ELEC. & MFG. CO.**

1444 Hamilton Ave. Cleveland, O.



**2 CRYSTALS IN 1**

**BUY IT TODAY—**  
**FOR THESE REASONS:**

1. Has 3 times the contact surface of any other crystal.
2. Triple tested—for distance, selectivity, tone and volume.
3. Gives unequalled performance on either Crystal or Reflex sets.
4. Your money will be refunded if you are not thoroughly satisfied.

**PRICE 50c**

Buy a James 2-side at your dealer's—today or let us send you one C.O.D.—60c

**STAR-KING COMPANY**

200 Davis Street San Francisco

Southern California Jobber  
**GLOBE ACCESSORIES COMPANY**

307 West Jefferson St. Los Angeles

**RADIO ENGINEER WANTED**

The Civil Service Commission announces a competitive examination for Junior Radio Engineer.

Receipt of applications will close November 14. The date for assembling competitors will be stated on the admission cards sent applicants after the close of receipt of applications.

The examination is to fill vacancies in various branches of the Government service throughout the United States.

The entrance salary is \$1,860 a year. After the probationary period of six months required by the civil service act and rules, advancement in pay may be made without change in assignment up to \$2,400 a year.

Full information and application blanks may be obtained from the United States Civil Service Commission, Washington, D. C., or the secretary of the Board of U. S. Civil Service Examiners, at the postoffice or customhouse in any city.

**JUST OFF THE PRESS**

**"Radio Theory and Operating"**

BY LOOMIS

850 Pages **650 Illustrations**

Size 5½x8 inches, beautifully bound in Flexible Red Kraft, stamped in Gold. The only **COMPREHENSIVE, MODERN** Radio Textbook available. Contains much interesting and valuable material never before published. A text-book for the student who wishes to pass the U. S. Government Wireless Examinations and a reference book for the Commercial Radio Operator, Radio Amateur, Radio Fan and the Radio Engineer. This work is the result of years of teaching experience. The price of this book is \$3.50. Sent **POSTPAID TO ANY PART OF THE U. S. OR CANADA** on receipt of check or money order or sent C. O. D. If desired. Dealers write for Discounts.

**JAMES M. CHAPPLE,**  
1809 West 54th St., Los Angeles, Calif.

SIR: Kindly send me a copy of "RADIO THEORY AND OPERATING." It is understood that if dissatisfied my money will be refunded.

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

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IS

GUARANTEED to Give YOU  
SELECTIVITY AND IMPROVED RECEPTION

*“Only One Station at a Time”*

(LOCAL OR DISTANT)

ASK YOUR DEALER  
OR

**KIERULFF & RAVENSCROFT, DISTRIBUTORS**

1630 S. Los Angeles Street

LOS ANGELES

MANUFACTURED BY

FORREST MFG. CO. : 5353 LEXINGTON AVE.

Phone HEinstead 4944

HOLLYWOOD, CAL.

## TELEVOCAL VACUUM TUBES



A QUALITY TUBE OF  
THE HIGHEST GRADE

Carefully tested before approved  
by the inspectors for shipment.

Every Televoctal Tube sold means  
repeat orders.

CARRIES A FULL  
GUARANTEE OF THE  
MANUFACTURER

Furnished in either bakelite or  
brass base.

**List Price \$2.50**

Liberal discounts to dealers.  
Order Thru Your Nearest Jobber.

Manufactured by

TELEVOCAL CORPORATION, 67-A Fifth Avenue, New York  
Pacific Coast Representatives

**MARSHANK SALES COMPANY**

926 Insurance Exchange Bldg.

Los Angeles, Calif.





"The Little Service Station In Your Home"

## Get the Most Out of Your Batteries

With a Charger that  
Requires the Least Attention

When you're driving your car, you are scarcely conscious that the generator is charging your battery.

With a Sterling Rectifier to charge your A or B Batteries there is that same *safe* and *certain* dependability. The meter shows a 5 ampere rate for charging A or  $\frac{1}{4}$  amp. for B—the correct rate of charge.

### STERLING POCKET METERS



Sterling Pocket Meters for testing A or B Batteries—dry or wet—an accepted high standard long before radio began.

The Sterling is practically noiseless and non-sparking. No liquids nor lamps to fuss with, no confusing array of terminals. Just plug into the lighting socket, turn the selector switch to the 6 volt A Battery reading or to the figure indicating 24,48,72 or 96 volt B Battery charging—and let it do its duty. An attractive looking charger in its dust-proof case, and mighty substantial, too.

PRICES: \$24.00 and \$26.50 for A and B Battery charging; \$20.00 and \$22.50 for A Battery charging only; \$17.50 (open type) for A Battery charging only.

### THE STERLING MFG. CO.

Cleveland, Ohio

**Sterling**  
RECTIFIER  
for  
Charging A & B Radio  
Batteries

DETSCH & CO.,  
555 Turk St.,  
San Francisco, Calif.

Pacific Coast Representative





The new Willard HR 127 with mahogany-finished case. Supplied with or without cover. Capacity 3000 m. a. h.

# Another New WILLARD RADIO 'B' BATTERY

Little brother to the new Willard WTAM at a lower price. Enclosed in mahogany-finished case. Compact...handsome...powerful...will last for years with only occasional recharging.

## All These Dealers Sell Willard Batteries

LOS ANGELES—Western Auto Electric Co., any Radio Jobber or Dealer, or any Willard Service Station.

### SAN DIEGO—

Western Auto Electric Co.

### ALHAMBRA —

Alhambra Auto Elec. Co.

### ANAHEIM—

Anaheim Willard & Elec.

### BURBANK—

John Null

### GARDENA—

Gardena Bat. & Ignition

### GLENDALE—

E. W. Cizek Co.

### LONG BEACH—

A. C. Walker

### MONROVIA—

Emil Lindstrand

### ONTARIO—R. J. Tobey

### ORANGE—

Orange Ignition Works

### PASADENA—F. W. Birnie

### RIVERSIDE—

Mission Auto Elec. Co.

### SAN FRANCISCO—

Julius Brunton & Sons Co.

### SANTA ANA, FULLERTON—

Orange County Ign. Wks.

### SAN BERNARDINO—

G. H. Stickle

### SANTA MONICA—

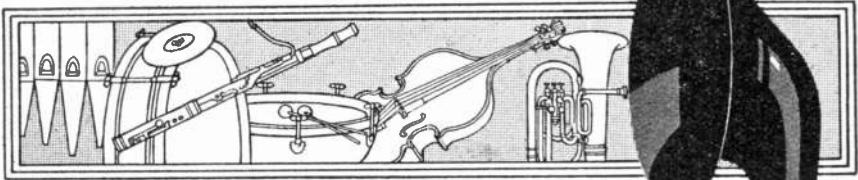
Guy Hammond

### UPLAND—

Upland Battery & Ignition

### WHITTIER—

Whittier Auto Electric Co.



## The New Large Diaphragm

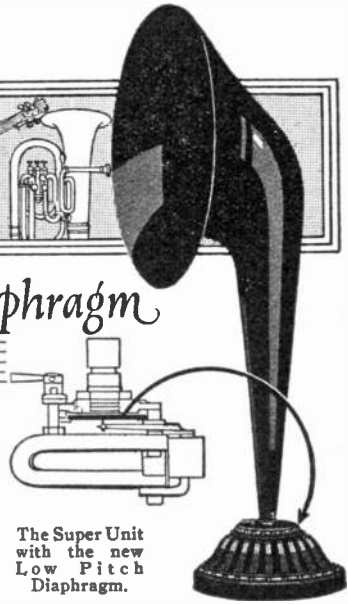


# Brings In the Deep Bass Notes

The new Super-Unit is a diaphragm of broad pitch range, especially designed by Bristol engineers. It reproduces the high and low notes with equal truthfulness, and, therefore, evens up the entire musical scale of either voice or instrumental music. Often the harmonies of a wonder ensemble have been destroyed by the persistent loss of high or low notes, and the annoyance attributed to a faulty receiver, when in fact the trouble lay wholly with the loud speaker. The Bristol Audiophone Loud Speaker, with its new Super-Unit of broad pitch range, and its exceptional voice of scientific development, tells the whole tonal truth and nothing but the truth.

There are four Bristol Loud Speaker models, both horn and cabinet type, priced at \$15.00 to \$30.00.

If your dealer does not carry the Bristol line, send for our illustrated folder 3025-X. We will also send free a most instructive booklet, "How to Select Your Loud Speaker."



The Super Unit with the new Low Pitch Diaphragm.

Model S Audiophone \$25.00

Rubber horn 14 1/2 inches in diameter. Black mat finish with silvered base decoration.

Models S and C (the Cabinet Model) are equipped with the new Super Unit.

# BRISTOL AUDIOPHONE Loud Speaker

THE BRISTOL COMPANY



WATERBURY, CONN.



Marwol Jewel—\$39.50

## High Quality—Low Price

MARWOL Jewel offers the greatest dollar for dollar value in Radio today. Only high quality parts have been used in this refined and improved five-tube circuit.

There is a MARWOL Receiver to fit every purse, ranging from the MARWOL Baby Grand at \$36.50 to the MARWOL Console Grand with inclosed loud speaker and space for all batteries and charger, at \$130.

Investigate MARWOL today. It's the big opportunity of the radio season.

*You can't go wrong with the MARWOL Line!*

# MARWOL

RADIO CORPORATION

546-548 Broadway, New York

*Pacific Coast Representatives*

**MARSHANK SALES COMPANY**

926 Insurance Exchange Bldg.

Los Angeles, Calif.

# Standard Radio Parts

## *Carried in Stock*

PRECISE SYNCRODENSERS, MULTIFORMERS, AUDIO  
TRANSFORMERS for the new McLaughlin Super  
ALL AMERICAN TRANSFORMERS AND CONDENSERS

DUBILIER PRODUCTS

JEFFERSON STAR TRANSFORMERS

MARCO DIALS and PLUGS

RATHBUN CONDENSERS and DIALS

CUTLER-HAMMER SOCKETS, SWITCHES, Etc.

WESTON PLUGS and METERS

STERLING & BEEBE POCKET METERS

YAXLEY'S COMPLETE LINE OF PRODUCTS

HOOD SHADOW and SPAULDING BAKELITE  
PANELS

BREMER-TULLY PRODUCTS

LEMCO KITS and TRANSFORMERS

KODEL BATTERY CHARGERS

EBY BINDING POSTS

BOOTER AERIALS

FULL WAVE BATTERY CHARGERS

NAALD and HOOSICK SOCKETS

UNIVERNIER CONVERTER DIALS

MARCO DIALS

Also all parts for the new McLaughlin ONE Dial Super  
As published in the October Popular Radio

---

## COOK-NICHOLS CO.

411 S. San Pedro St.

Los Angeles, Cal.

Faber 4487—TUcker 6657

LONG BEACH, CAL.  
657-129

PASADENA, CAL.  
Fair Oaks 1578



**EVEREADY HOUR  
EVERY TUESDAY  
AT 9 P. M.**

*Eastern Standard Time*

For real radio enjoyment, tune in the "Eveready Group." Broadcast through stations—

- WEAF New York
- WJAR Providence
- WEEI Boston
- WFI Philadelphia
- WGR Buffalo
- WCAE Pittsburgh
- WSAI Cincinnati
- WWJ Detroit
- WCCO { Minneapolis
- WOC { St. Paul
- WCTS { Davenport
- Worcester

# ECONOMY

No ONE size or type of battery can be economical on every type of receiving set. That's why Eveready Radio Batteries are made in different sizes and types—so that every radio user can enjoy the economy that is to be had by fitting exactly the right Eveready Battery to his receiver. For owners of sets with five, six, eight or more tubes, and power amplifiers, there is the extra-large, powerful and unusually long-lasting Eveready "B" Battery No. 770. There is an Eveready dealer nearby.

*Manufactured and guaranteed by*  
**NATIONAL CARBON CO., INC.**  
New York                      San Francisco

Canadian National Carbon Co., Limited  
Toronto, Ontario

## EVEREADY Radio Batteries

*—they last longer*



Eveready  
Columbia  
Ignitor  
"A"  
Battery,  
the  
proven  
dry cell  
for all  
radio  
dry cell  
tubes  
1½ volts

No. 766  
22½-volt  
Large  
Horizontal  
Price  
\$2.00



No. 770  
45-volt  
Extra-  
Large  
Vertical  
Price  
\$4.75



# Stands out in a crowd

# Sylfan

# Reproducer

It is a conspicuous example of what engineering skill, musical knowledge and painstaking manufacturing ability can produce. Sylfan Reproducer takes a back seat for no other loudspeaker. It is not an adjustable speaker. There is nothing to get out of order. Its volume and sweet, mellow tone is developed by means of new scientific dis-

coveries as important to Radio as would be a new motive power for automobiles. If your tubes can catch it, Sylfan Reproducer will bring it to you.

*Have a demonstration at your dealers  
Sylfan will stand comparison*



Horn Type \$25  
Cabinet Type \$28



Marketed Nationally and Exclusively Thru Jobbers by

**BAKER-SMITH CO., Inc.**

New Call Building, San Francisco

BRANCH OFFICE ADDRESSES

|                                |                                   |
|--------------------------------|-----------------------------------|
| New York City, 1270 Broadway   | Los Angeles, 443 S. San Pedro St. |
| Chicago, 30 N. Dearborn Street | Portland, Ore., Henry Building    |
| Denver, McClintock Building    | Seattle, L. C. Smith Building     |
| Salt Lake City, Atlas Building | Vancouver, B.C., 179 Pender St. W |

**UNCONDITIONALLY GUARANTEED**

**No matter**—how many tubes you employ you will find the

# G & S Silk Core DETECTOR

*capable of carrying the load*

G & S Silk Core Detector will improve the reception of any reflex or crystal panel set. It will get the signals quicker, develop more volume and clarify your reception like a filter does water.

Forty silk cords, each wound with a flat bronze tinsel make a brush which covers all points of contact on the Argentite and insures almost 100 per cent reduction of static and other unwanted noises.

## Try as you will you cannot burn out the crystal

Special silk bronze packing at the back of the crystal picks up all frequency energies and defies corrosion.

### \$1.50 AT YOUR DEALERS

or send your name and address to Baker-Smith Co., Inc. and we'll tell you where you can get this wonderful detector. *Not sold by mail, except through dealers.*

Manufactured by G & S RADIO RESEARCH LABORATORY  
1269 Cochran Avenue Los Angeles

Marketed Nationally by

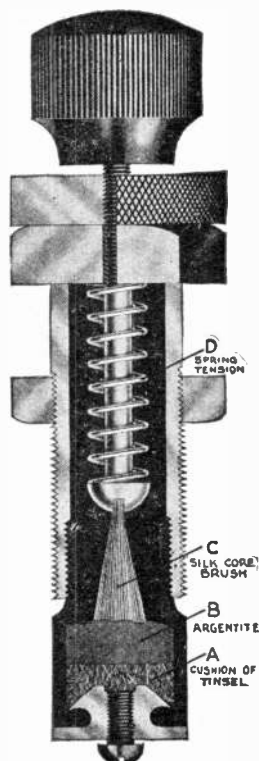
## BAKER-SMITH CO., Inc.

New Call Building, San Francisco

### BRANCH OFFICE ADDRESSES

New York City, 1270 Broadway  
Chicago, 30 N. Dearborn Street  
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Los Angeles, 443 S. San Pedro St.  
Portland, Ore., Henry Building  
Seattle, L. C. Smith Building  
Vancouver, B.C., 179 Pender St. W



**Guaranteed!**

Money back, without quibble if not satisfied. Try it.

***Build Your Own Reflex***

**With**

***Genuine* LEMCO *Equipment***

**No. 55 Knock Down Kit**



**Price \$25.00**

***Lemco Supplies in Stock***

**Cook-Nichols Co.**

411 S. San Pedro St., Los Angeles

482 South Fair Oaks Ave.

PASADENA, CALIF.

643 Pine Ave.

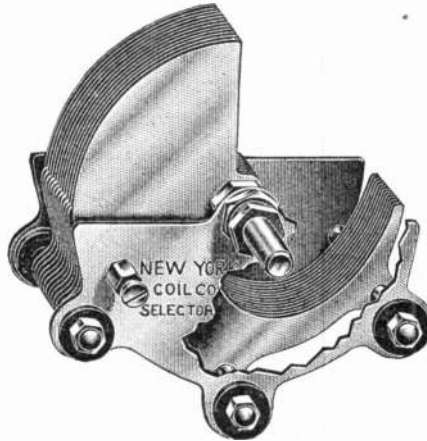
LONG BEACH, CALIF.

**WHOLESALE ONLY**

# New York Straight Line Frequency Variable Condensers

Exemplify the most marked advance in Radio development of the past year.

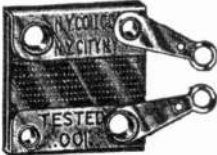
Tuning is made easy, sure and a pleasure by evenly spreading stations over entire dial instead of crowding 70% of all the stations into the first 30 degrees on dials as formerly.



What is most important to the set builder, this is accomplished without resorting to long overhung, unbalanced, room-consuming, freakish design.

Our construction occupies but  $3\frac{1}{4}$ " of space, fully opened or fully closed. Rigidity and unshifting of plates is assured by our original and exclusive construction. This is accomplished by scientifically curving the stator or stationary plates instead of cutting away or sacrificing the strength of the rotor plates.

Furnished in three capacities:



{ .00025—Price \$2.75 }  
{ .00035—Price 3.10 }  
{ .0005 —Price 3.50 }

Ready for delivery  
at your dealers  
and jobbers.

New York Precision Mica fixed Condensers are universally recognized for their noise eliminating features, which insures maximum musical quality. DX reception and a notable absence of frying noises so common in many receivers.

Manufactured by

**NEW YORK COIL CO.,**  
338 Pearl St., New York, N. Y.

Pacific Coast Representatives:

**MARSHANK SALES CO.,**

926 Insurance Exchange Bldg.

Los Angeles, Calif.

# YOU'LL FIND IT HERE

in the largest "parts" stock on the Coast

—a few of our Representative lines:

**BREMER-TULLY**—Short Wave Outfits—Thoro Style Kits—  
Tuning Control—SLF Condensers—Thoro Style Trans-  
formers.

**ALL AMERICAN**—Toroid Coils—Rauland Lyric Transformers  
SLF Condensers—Audio Transformers.

**PHENIX**—Ultra Low Loss Condensers—Vernier Dials.

**DUBILIER PRODUCTS**—The full line—Large stock.

**ERLA**—Balloon Coils—Made up and knock down kits.

**GENERAL INSTRUMENT**—TRF Kits and all parts.

**MARCO**—Hairline Dials—Switches—Condensers.

**DAVEN** Resistance Coupled Amplifiers—Tubes and Leaks.

Distributors for **WESTON, JEWELL & STERLING METERS.**

**KODEL** Sets—Full line—Also **LEMCO** Reflex Kits.

**MOST** complete line of **ACME** and **RADIO CORPORATION**  
Transmitting Parts in the **WEST.**

**ALL SIZES** DCC and DSC Wire on  $\frac{1}{4}$ ,  $\frac{1}{2}$  and 1-lb. spools.

**HOOSICK FALLS** Sockets, Rheostats, Dials, Etc.

**BRANSTON & REMLER** Honeycomb Coils—Mounted and un-  
mounted.

**PACENT** Products—SLF Condensers—Pyrex Sockets, Etc.

**GERMAN, DUNHAM, SIGNAL** and **LINCOLN** Loops.

**C. R. L.** Very High Resistances and Potentiometers.

**FADA, SHAMROCK, BREMER-TULLY, QUADRAFORMER**  
KITS.

**NATIONAL** Condensers and **BROWNING-DRAKE** Kits.

**RATHBUN .00025** and **.00035** Var. Condensers—**BMS** Dials  
and Crystals.

**DEALERS:**

*Park Your Car Next Door at Our Expense*

## Radio Supply Co.

920 So. Broadway

VA. 6063

Los Angeles

OPEN EVENINGS TILL 9 O'CLOCK

Send for Our Latest Catalogue

# Radio Service Directory

The firms listed herein are recognized Radio Dealers, and in addition to carrying Receiving Sets and Parts, are equipped to render any form of radio service. They are pledged to give guaranteed service and charge reasonable rates.

RADIO DOINGS.

## ALHAMBRA, CALIF.

ALHAMBRA RADIO ELECT. CO.,  
1855 West Main St. Phone 2366.  
Open Evenings Until 9 O'clock.

LE ROY RADIO LABORATORIES,  
15 N. Garfield Ave. Ph. 1179. Ra-  
diolas and Le Roy Sets. Evenings.

MONTEREY RADIO STORE, 2041  
S. Garfield Ave. Phone 2740. Mon-  
terey Park. Open Evenings.

## BAKERSFIELD, CALIF.

JIM BAKER, "ELECTRIFIER," 1009  
Baker St. Phone 528. Everything  
in Radio. Consult Us.

## BELLINGHAM, WASH.

BELLINGHAM RADIO SHOP, 109  
Prospect St. Phone 143. Belling-  
ham, Wash., near City Hall. "Bel-  
lingham's Oldest Radio Store."

## BURBANK, CALIF.

PETERSON ELECTRIC-RADIO, 244  
E. San Fernando Blvd. Phone Bur-  
bank 35W. Open Nights.

## COMPTON, CALIF.

COMPTON ELECTRIC CO., 150 E.  
Main. Phone 1332. Radio and Sup-  
plies. Evenings.

MODEL ELECTRIC—"NYGAARD,"  
135 E. Main. Phone 1194. Every-  
thing in Radio.

## GLENDALE, CALIF.

BROADWAY ELECTRIC, 202 E.  
Bdwy. Stewart-Warner and Day-  
Fan Radio Service. Glen. 3064.

BUDWIG RADIO COMPANY, Brand  
at Wilson. Radiola, Grebe, Crosley.  
Evenings. Glendale 1801.

## HUNTINGTON PARK, CALIF.

H. L. "RADIO" KING, 104 S. Pa-  
cific Blvd. DElaware 4325. Open  
Nights Until 9:30.

## INGLEWOOD, CALIF.

O-K RADIO SHOP, 105 No. Com-  
mercial. Inglewood 313J. Every-  
thing in Radio. Open Nights.

RELIABLE RADIO SALES SERVICE  
CO., Radio Specialists. Inglewood  
993. Open Eves. 114 N. Market.

## LONG BEACH, CALIF.

BELMONT RADIO STUDIO, 3404 E.  
Broadway. Phone 311-232. Home  
of the "Belmont Four." Nights.

BIXBY PARK RADIO SHOP, 2131  
E. Broadway. Phone 311-233. Sets  
and Parts. Open Nights.

COAST COUPLER COMPANY, 251-  
253 East 7th St. Phone 621-230.  
Service Unequaled. Open Nights.

"RADIOFAN," W. D. WHALLEY,  
3219 East 10th. Phone 335-274.  
Open Nights. Sets and Supplies.

RELIABLE RADIO SHOP, 208 E.  
4th. Phone 636-450. "We Solve  
Your Radio Problems."

WHITE-SHIMMEL RADIO CO., 119  
E. 4th St. Phone 654-190. Radio  
and Accessories. Evenings.

ZEIGLER RADIO CO., 706 Pine Ave.  
Phone 633-463. Sets, Service, Sup-  
plies. Nights.

## LOS ANGELES, CALIF.

CHILDS & CLINE RADIO SHOP,  
1187 W. 24th St., Ph. BEacon 7445.  
Everything in Radio. Open Nights.

FORUM RADIO SHOP, 3512 West  
Pico St. Phone EMpire 6461. Sets,  
Parts, Repairs. Open Nights.

FRIENDLY SERVICE RADIO CO.,  
5000 West Adams. EMpire 0485.  
Open Nights. Sets, Service, Supplies.

COLLISON ELEC. CO., 3129 South  
Western Ave. Phone Empire 7556.  
Open Nights. Radio in All Branches.

"JACK'S RADIO SHACK." Open  
Evenings Till 10. 5326 Moneta Ave  
Consult Us.



**LOS ANGELES, CALIF.—Cont.**

JENKINS RADIO STORE, 8450-52 S. Moneta. Phone THornwall 4460. Sets, Parts, Repairs. Open Nights.

LOS ANGELES RADIO CORP., 2563 W. Pico. Ph. BEacon 1757. Atwater Kent Dealer.

MONARCH RADIO CO., 2189 W. Washington. EMpire 3268. Open Nights Until 9 o'clock.

NEWMAN MUSIC SHOP, 4514 So. Western. Phone VERmont 4751. Everything in Radio. Open Nights.

SMITH - KARLSON CORP., 2758 Whittier Blvd. Ph. ANGelus 8220. Foremost in Radio Sets and Service.

SUPER RADIO SHOP, 2507 W. Slauson Ave. Ph. VERmont 6493. Sets, Supplies, Service. Open Nights.

TIVOLI RADIO SHOP, 4204 Central Ave. Ph. HUmbolt 2449. Open Nights. Service, Sets, Rebuilding.

**HOLLYWOOD DISTRICT**

H. D. HATFIELD & SON, 1762 Vermont Ave. Phone 597-013. Sales and Service. Open Evenings.

NORMANDIE RADIO SHOP, 5069 Hollywood Blvd. Phone 597-673. Open Nights. Service and Supplies.

HENRY RADIO AND ELECTRICAL SUPPLY (The Continuous Wave Shop). 1342 N. Bronson Ave.

**EL SERENO DISTRICT**

THE RADIO ELECTRIC, 1165 Fair Oaks, South Pasadena. Phone Eliot 3397. Open Until 9 P. M.

**WILSHIRE DISTRICT**

BIMINI ELECTRIC & RADIO, 109 So. Vermont. Phone DRexel 2990. Electric & Radio Service. Evenings.

GARRETSON & GOODAN, 220 No. Larchmont Blvd. "Radio That Satisfies." HOLly 5085. Open Nights.

WILSHIRE RADIO CO., 3867 W. 6th St. Phone WASHINGTON 8873. Delivery Service. Open Evenings.

WOLFE RADIO COMPANY, 543 S. Western. Ph. WA. 5711. Open Evenings. Radiolas—Supplies.

**OCEAN PARK, CALIF.**

OCEAN PARK RADIO-ELECTRIC, 122 Marine St. Phone 61407. Radios and Supplies. Open Nights.

**PASADENA, CALIF.**

EAST SIDE MOTOR SUPPLIES, 1026 E. Colorado. Colorado 855. Sets and Supplies. Open Nights.

LEE RADIO SHOP, 711 North Lake Ave. Phone Niagara 3506. Open Nights. Everything in Radio.

**SAN PEDRO, CALIF.**

PACIFIC RADIO STORE, 1102 Pacific Ave. Phone 429-W. Open Nights. Sets, Service, Supplies.

**SANTA MONICA, CALIF.**

GEO. FRIES RADIO SHOP, 1457 Third St. Phone 24929. Open Nights. "Let's Talk Radio."

**SAWTELLE, CALIF.**

SAWTELLE ELECTRIC CO., 1130 So. Santa Monica Blvd. Ph. 236-58. Open Until 7. The Best in Radio.

**SOUTH PASADENA**

THE RADIO ELECTRIC, 1165 Fair Oaks Ave., Pasadena. Phone Sterling 0269. L. A. phone ELiot 3397.

**TORRANCE, CALIF.**

DE BRA RADIO CO., Carson at Cabrillo. Phone 73J. "Atwater Kent" Line. Matchless Service.

**VENICE, CALIF.**

VENICE RADIO SHOP, 1227 Washington Blvd. Phone 63544. Every Radio Need. Evenings.

**WHITTIER, CALIF.**

WHITTIER RADIO DEN, 216 E. Philadelphia. Phone W. 14-106. Open Nights. Every Requirement.

**WILMINGTON, CALIF.**

WILMINGTON RADIO SHOP, 716 W. Anaheim St. Phone 209-J. Sets and Supplies. Open Nights.

# Radio Without the Horn

Good-bye to the  
Old-Fashioned  
Horn Speaker



\$42.50  
Loudspeaker  
Included

*Windsor Loudspeaker  
Console*

Patented Nov. 18, 1924

Ample Space for  
All the Rest of  
Your Outfit

A piece of real living room furniture of pleasing lines and finish—and it accommodates all the miscellany of equipment which hitherto had no place except on table tops, shelves or floor. Ample space on top for any set, with plenty of elbow room in front. Nothing in sight but the Dials. Everything else goes inside—from behind—in spaces cleverly designed to hold the largest batteries and outfit—besides the self-contained loudspeaker—all unseen and protected from dust or disturbance.

It does a better job of reproducing, for it has the best unit of all that have been tried, and its sound box is of resonant wood instead of metal fibre, or compositions.



Room Inside  
for Any  
Home Radio  
Outfit.

Top Accommodates Any Radio Set.  
Knee Room Below.

NOTE NEW TYPE HORN AND  
ADJUSTABLE UNIT.

*Clip This Coupon and Get the Facts*

**THE WINDSOR FURNITURE COMPANY**

Inc., Chicago, 1885

917 Maple Avenue

Los Angeles, Calif.

I am a { Dealer } and would like your descriptive pamphlet giving  
          { Fan     } full details of the Windsor Loud Speaker Console.

Name \_\_\_\_\_

Address \_\_\_\_\_

59 (R.D.)

# GILFILLAN SET OWNERS

*No. One*



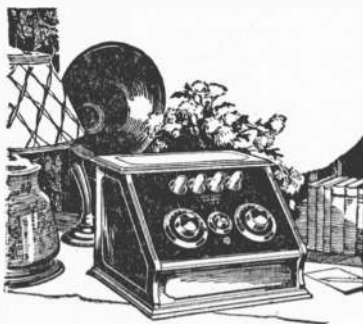
*Mr. Byze  
Wright*

Mr. Byze Wright is the General Purchasing Agent for the Amalgamated World Wide Industries, Inc., Ltd., and Consolidated. He buys for this vast Organization everything from Toothpicks to Office Buildings. He is commonly termed a Hard Boiled Buyer. When it came to Selecting a Radio Set for his Palatial Country Residence in Watts he employed the same thorough Tactics he uses in Business. He investigated 486 different Receivers and finally chose a Gilfillan.

The Artist caught Mr. Wright in his office while he was mentally complimenting himself on his ability as a Radio Buyer. To quote his own modest estimate of his purchase, "I hit the Bull's Eye again, as usual. They couldn't fool me. I know a Real Radio Set and I bought one."

## Gilfillan Neutrodyne

*Sold only by Certified Gilfillan Dealers.  
They are Pledged to  
Please.*



## The GN4

*A 4-tube licensed  
Neutrodyne in  
handsome mahogany cabinet.  
Sells complete  
around \$100.00.*

*"When we put it above our name - it's good"*

# WESTERN RADIO

I N E C S O T R A D E R N A B T A E C R

**1224 WALL ST.  
LOS ANGELES**

*wholesale  
only*

**WESTMORE  
3338**

# FREE PREMIER ENSEMBLE WEEK



For One Week Only Your PREMIER Dealer Will Wire and Test  
the PREMIER ENSEMBLE for You FREE

Go to your nearest Premier Dealer and purchase a Premier Ensemble five-tube set, including the necessary accessories, and he will wire and test the famous "Ensemble" for you without charge.

THE GREATEST OFFER  
EVER MADE IN RADIO FOR

## \$35.00

You will receive a finished five-tube quality radio set—ready to operate—less cabinet and accessories.

THE PREMIER ENSEMBLE IS A QUALITY PRODUCT  
THROUGHOUT AND IS FULLY GUARANTEED

*Selectivity — Range — Volume*

Exclusive Wholesale Distributor

## YALE RADIO ELECTRIC CO.

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Los Angeles

1328 First St.  
San Diego