

# RADIO DOINGS

RED BOOK OF RADIO

*The Radio Authority  
of the  
Pacific Coast*

**10¢**  
WEEKLY



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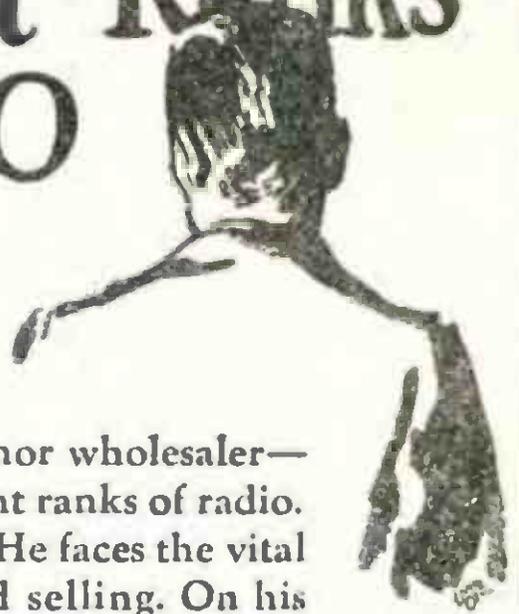
2301 W. 39th Place  
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Vol. X

FEBRUARY 20-26, 1927

No. 8

# In the Front Ranks of RADIO



No, I am not referring to this firm or to any of the radio products which we distribute. Not the inventor, nor manufacturer, nor wholesaler—but the retail dealer is in the front ranks of radio.

He works 3,000 hours a year. He faces the vital problems of service, credit and selling. On his judgment and ability depend the future of radio.

We recognize his importance and the difficulties which he is successfully meeting every day. As the pioneer in bringing radio to every home in California, he has the active support of every member of this organization.

(Signed)

*H Earle Wright*

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Five Tubes, Price \$100.00, less accessories.

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# Radio Doings

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

407 East Pico Street, Los Angeles, Calif.

"The Red Book of Radio"

H. C. CHARLES  
Editor

Phone WEstmore 1401

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(Entered as second-class matter, Nov. 25, 1922, Los Angeles, Cal., Post Office, under Act of March 3, 1879.)  
Copyright, 1924, by Horwood Publishing Co.  
Issued Weekly. Ten Cents a Copy. Three Dollars a Year. Canada and Foreign Countries, \$3.50 per Year.

Vol. X    Los Angeles    FEBRUARY 19, 1927    San Francisco    No. 8

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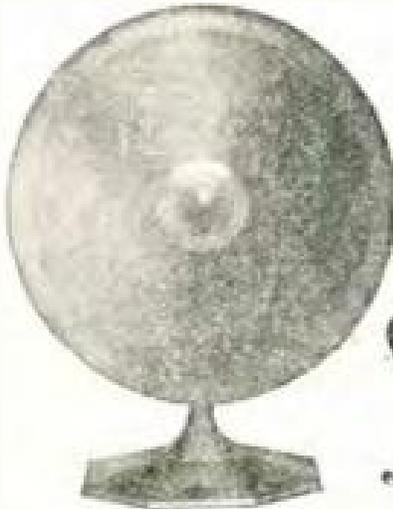


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**DEALERS: Park Next Door at Our Expense**

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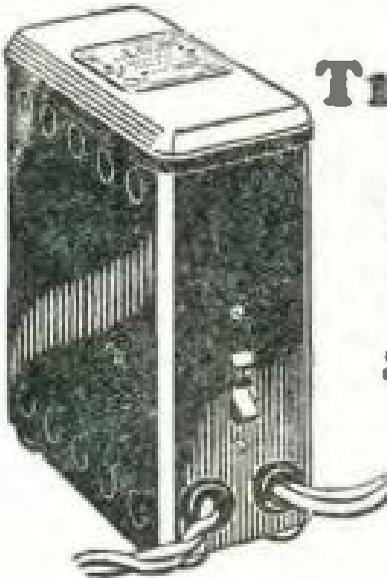
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**Rectifier that has**  
**Revolutionized**

**"A" Battery**  
**Charging**

NO ACID  
 NO ALKALI  
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 NO TUBES  
 NO MOVING PARTS  
 NO INTERFERENCE



**ELKON**  
**Trickle Charger**

AUTOMATICALLY keeps  
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**SET IT-INSTALL IT**  
**FORGET IT**

**\$14<sup>00</sup>**

*Complete with Switch*

*Wholesale Distributors*

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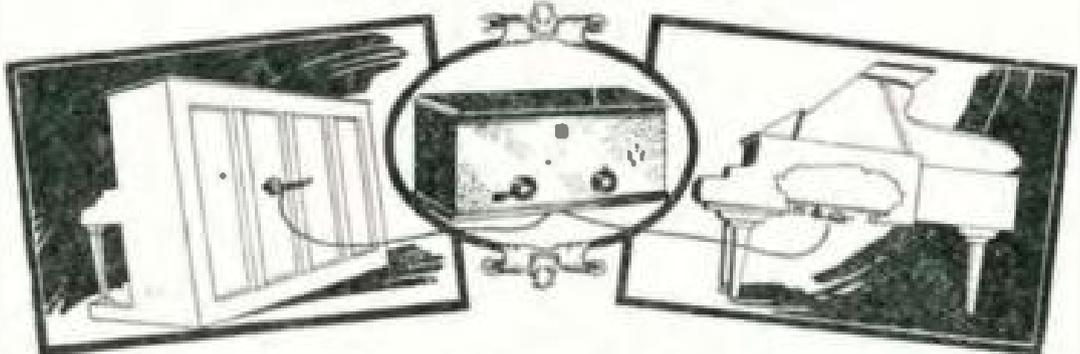
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LOS ANGELES

WEstmore 3351

# Make This Free Test

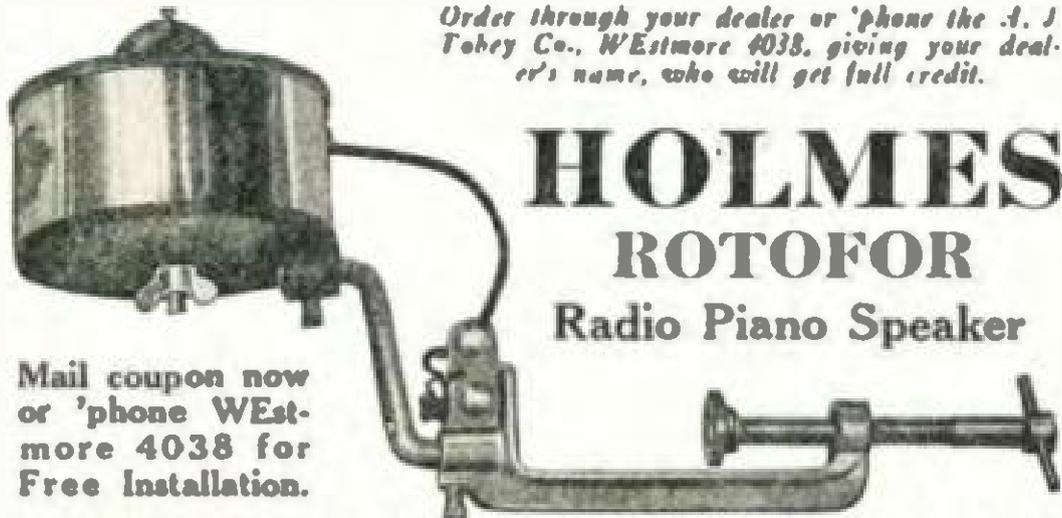
## To Prove that Your Piano is a Marvelous Radio Loud Speaker!



We'll send a factory expert to install this amazing new device on your piano. You will be amazed—thrilled—at the wonderful new tones developed from your radio. We guarantee

you'll be satisfied! And it doesn't interfere with or injure your piano. For the first time you will hear every note exactly as broadcasted. Make this test!

Order through your dealer or 'phone the A. J. Tobey Co., Westmore 4038, giving your dealer's name, who will get full credit.



# HOLMES ROTOFORM Radio Piano Speaker

Mail coupon now or 'phone Westmore 4038 for Free Installation.

CLIP OUT AND MAIL TO

**A. J. TOBEY CO., Inc.**

**Fifteenth and Hope Streets, Los Angeles, Calif.**

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Have expert call at (Date) . . . . . (Hour) . . . . .

NAME . . . . .

Address . . . . .

City . . . . . State . . . . . Your Phone . . . . .

Dealer's Name . . . . . Address . . . . .

# BREMER-TULLY "B" POWER UNIT

*No Knobs to  
Turn*

*No Moving  
Parts*

*No Guess-work  
about Voltages*



*Sell this unit,  
and when your  
customer  
learns about  
eliminators he  
will appreciate  
what you did  
for him.*

No other product requires greater trust in the sincerity and ability of the manufacturer,—the B-T record deserves your confidence. The B-T B-Power Unit gives utmost satisfaction on smaller sets and is also ready when needed for the larger one requiring higher voltages.

It is furnished with type B Raytheon tube,—actual capacity 150 volts at 60 mila. Compact in size, 4¼" wide, 6¾" high, and 9¾" deep; weight, with cord and plug, 16 lbs. Price \$41.00.

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Franklin 6226

# Editorial Comment

## Prize Radio Program

**P**ROGRAM managers of the broadcasting stations are facing the difficult task of presenting acceptable programs to an unknown audience, an audience they have never seen and therefore are unable to visibly perceive the response as to whether or not the presentation is a success.

The spontaneous applause or the expressive silence quickly indicates to the manager of a theater the degree of success of the entertainment programs. A large theater charges a high price for admission and can engage the best of talent. A broadcasting station has to depend entirely upon the "sponsors of programs" for its revenue. These "sponsors" can be charged only a limited amount, consequently there is only a limited amount with which to engage talent.

It is the wish of everyone to enjoy an interesting and pleasing radio program. In our endeavor to assist in the improvement of broadcasting entertainment we appeal to our friends and readers to send in their idea of a good one-hour radio program. The stations broadcast diversified programs, such as lectures on different subjects, medical information, detective stories, jokes, speeches from prominent men, reports of athletic events, stock reports and the latest news items, operas, light operas, ballads and old-time songs, hymns, military marches, patriotic songs, syncopation and jazz. Your idea can be a diversified program or it can consist of one particular type of entertainment—just whatever you think would please yourself and your family some rainy evening. If your ideal program consists partly or entirely of music, give the names of selections wherever possible, as suggesting the type of music most acceptable. Talks, stories, etc., can be handled the same way. Make it an outline or a letter of not more than 350 words and mail to the Prize Contest Editor, RADIO DOINGS, 407 East Pico.

To the person sending in the best program, in the estimation of our judges, will be given a prize of a \$40.00 Stromberg-Carlson Pedestal Tip-Top Table Model Cone Speaker with violin soundboard. This is your opportunity to win one of the best speakers produced and at the same time to give expression to your idea of a perfect one-hour radio program.

This contest is open to all of our subscribers and readers. The winning letter and the name of the writer will be published in *Radio Doings*, issue of March 20th.

# Hexadyne 6-Tube

PORTABLE



*New Improvements with Beauty, Simplicity*

**SINGLE DIAL CONTROL  
OPERATES WITH A LOOP**

The Hexadyne stands today not only as the leader in the portable field but the recognized standard of advanced radio engineering.

No other portable radio on the market compares with the Hexadyne for beauty of tone and simplicity of operation.

**List Price \$125.00 Complete with All Accessories**

*Dealers Write at Once for Attractive Proposition*

---

**W. D. HUNT CO., Inc.**

4961 Sunset Blvd.

Los Angeles, Calif.

OLympia 3104

# Radiograms

By CLOYD MARSHALL, JR.

## Good Scouts Make Fine Men

*This is the seventeenth anniversary of the organization of the Boy Scouts. It is splendid to think that in less than two decades we have over 700,000 manly, well trained boys who are advancing to better manhood. These boys are carrying the nobler qualities of usefulness, honesty and courtesy with them through life. Wm. G. Messner Post No. 904, Veterans of Foreign Wars, Los Angeles, organized, equipped and is now training a whole troop of Scouts. A fine example in a worthy cause.*

Do not be disheartened because you are not richly endowed with worldly goods, for the less you have the more there is to get. Think of the fun you will have in the GETTING.

*When dollars are used to cement friendship the cement never lasts.*

Some men murder opportunity when they think they are only killing time.

*Did you ever stop to think that the truth really is a wonderful thing?*

## Youth

*It is so easy to criticize as it takes little or no effort, giving of very little time and the minimum amount of brain power. Some of the people who are so severely criticizing the youngsters of today for their apparent freedom of action, desire for self-expression and the throwing off of the old shackles of conventionalities should look inwardly and they will probably find that their urge for criticism springs from the deep well of ENVY.*

This is the age of Leaders, not Drivers.

Nothing stands still. Nature's immutable law is, "Progress or retrogression." Fortunately man continues to progress, and the youth of this generation are as a whole better specimens, mentally and physically, than the youth of any preceding generation.

## Behind the Times

We see that one of our State legislators has presented a bill prohibiting the teaching of evolution in the public schools of California. Too bad he didn't live during the Spanish Inquisition and he would have learned from example that narrow laws and repression of information crumble before knowledge and understanding.

*A rule is many times proven by its exception. A principle is infallible and knows no exception.*

Be agreeable but not superficial; reserved but not self-conscious; dignified but not snobbish.

*Opportunity does knock more than once, but sometimes we are not in. Try and be at home the next time.*

Impatience is the curse of mankind, for it brings HURRY, WORRY, DOUBT and FEAR, which mean UNHAPPINESS.

## Boulder Dam

*Why do our political leaders play small politics instead of looking after the welfare of their people?*

All investigations by congressional committees and by the Departments of Commerce and Labor have reported that the Boulder Dam is not only needed by the people of the great Southwest but is an absolute necessity to prevent another calamity such as occurred in 1905-6.

The Weather Bureau reports that there has been a heavier snowfall in the Rocky Mountains this year than at any time within the last twenty years.

If the Colorado goes on another rampage, as it did twenty-one years ago, it will mean the wiping out of a very rich agricultural district and the savings and property of thousands of people. It will be an irreparable loss and the blame will fall squarely on the shoulders of the Congressmen who are blocking the Boulder Dam bill.

# Alternating Current Tubes

By K. G. ORMISTON

The operation of a radio vacuum tube depends upon the movement of electrons from one surface to another within the tube. We must therefore use for one of the elements of the tube a material which will give off the desired electron "emission." A little chunk of radium would do the trick nicely, and the tube would have a life of several million years, but unfortunately could not sell for \$1.75 per each.

An economical method is to use an incandescent filament. When sufficiently heated and surrounded by vacuum, the atoms of the filament disintegrate and electrons fly out from it, some immediately returning and the others continuing their outward journey, especially if attracted by a positively charged plate. That's why you must connect the plate of the tube to the positive terminal of the B battery—to attract as many as possible of the filament's electrons (negative), rather than let them wander aimlessly about.

The filament is heated to make it "emit," by the simple method of passing an electric current through it. To do this calls for an A battery, rheostats, battery chargers and what-not. This "heating" current must be steady and smooth or an uneven emission will result, which will seriously interfere with the proper operation of the tube and result in a noisy output.

So far we have been talking about the usual type of tube in which the filament and electron emitter are one and the same. Now the thought which prompted the development of the so-called A. C. tubes was that the emitting surface might be separate from the filament, the latter simply being used to heat the emitting surface to the necessary temperature so that there will be enough excitement among the molecules, atoms and electrons to crowd out some of the last named.

Under these conditions, since the "heater" filament has no electrical connection with the other elements of the tube or with the circuits of the receiving set, it is possible to use an alternating current to heat it. The terminals of this heater unit are brought out at the top of the McCullough tube, and are connected to the secondary of a small step-down transformer whose output is

3 volts. The primary of the transformer plugs into the 110-volt alternating current house lighting circuit. The heater units in the tubes, the transformer and the connection to the house lighting circuit are all absolutely separate and independent of the circuits and apparatus of the radio receiver. Their purpose is simply to warm up the "emitter" surface, which is an element mounted in close proximity to the heater but not in electrical contact with it.

The emitter, which in this tube cannot be called the "filament" as in the standard tubes, should in this tube be called the "cathode," since it is the negative surface, as contrasted to the positive plate or "anode." The variations in the alternating current in the heater are too rapid to result in any appreciable variation in the electron emission from the cathode.

The tube has a standard four-prong base, though but three of the prongs connect to the elements of the tube—the grid, plate and "cathode." The cathode connection is to the negative of the B battery, detector tube grid return, and to the positive of C batteries for the amplifier tubes. The cathode connections should in all cases be grounded also.

About 45 seconds are required from the time the heater voltage is turned on until the cathode reaches its normal operating temperature. This means that from the moment you turn on the set, about a minute must elapse before the tubes will operate at full efficiency.

When these tubes are used there can be no regulation of volume by means of rheostat adjustments, as the temperature of the cathode would be too slow in changing with a change in current through the heater. Other means must therefore be used. In the case of a non-oscillating set a 500,000-ohm potentiometer may be shunted across the secondary of the audio frequency transformer.

Where a volume control which will also control the regeneration is needed, a 500,000-ohm variable resistance shunted across the secondary of the radio frequency transformer will suffice, or a 200,000-ohm variable resistance in series with the plate lead to the R. F. amplifiers.

## Bathing Suit or Birthday Suit?

The genial proprietor of Station KFWO, Catalina Eye-land, recently offered a cash prize for the best letter on the subject of nude swimming. This subject aroused a storm of discussion prior to the big swim and inspired Major Mott's offer. Two prizes of \$25.00 each were offered, one to go to the man writing the best letter, and the second to the writer of the best essay from a woman's hand. The winning letter in the "HE" division, written by a Marine, is reproduced below. Didn't a literary Marine win some kind of a contest or other in Philadelphia a while ago?

### UNITED STATES MARINE CORPS

Base Athletic Office,  
Marine Corps Base,  
San Diego, Calif.,  
December 28, 1926.

Major Mott,  
Owner-Operator,  
Radio Station KFWO,  
Catalina Island, Calif.  
Dear Major:

I can see nothing wrong in any man or woman attempting the marathon swim garbed "au naturel." It seems to me that in a great endurance test such as this, the physical strain must be tremendous, and that could be lessened somewhat, no doubt, by the absence of a bathing suit which would add only—weight.

Who will be the most in evidence at this great test of pluck and endurance? I venture to state that the same people who raise all the fuss will be there in strength. Why? Because they think they shouldn't be there; that's human nature.

If I could see this great race, my attention would be riveted on the leading swimmer, not the shapely arm or legs, but the approach to the goal. Is it a crime to swim without a bathing suit on such an occasion as this? Then, why don't these howlers start to reform some of our shows? A little less powder, and some of the chorus girls would be in the same fix as these swimmers wish to be the day of the race.

I would class such people as these with those who dwell at great length on "Moral Turpitude." If people see anything wrong in swimming minus a suit, then there is something wrong with their "morals." Do not the greatest artists and sculptors use nude models for their work, and do not these "scoffers" spend hours in our art galleries admiring their work?

Forget about these narrow-minded people, Major; the majority of the sensible men and women of America don't give a damn whether the swimmers wear suits or not as long as America wins. To me, the question is of minor importance, and I believe that in the heart of every true American there is only one thought.

It is this:

"Let us hope that at the end of the great swim of the century in America, a tired but triumphant figure will be helped ashore, and from the lips of thousands will ring the cry, 'America Wins!'"

I trust that at the end of the day, when the clear call of the bugle sounds taps, there will have been written in the annals of sport another American triumph.

Very truly yours,

ROBERT HENRY GORDON,  
Private, First Class, U. S. M. C.,  
Clerk, Base Athletic Office.

The prize-winning letter in the Ladies' Division will be published in a future issue of Radio Doings.

# Radio Topics of the Day

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

## Some Interesting Opinions

"Radio has become a passion with me. I tune a set myself and I enjoy hearing the entire world discourse. I jump from one city to another. Only the other day I heard Pittsburg plainly."

—President Doumergue of France.

"I get the Bronx every night, but have to take the subway to do it."

—"Bugs" Bear.

"Two things I love are radio and jazz."

—Mary Garden.

"I was taken to a chamber where I had to speak a message into the radio, always a shy business when people are looking on. One feels so completely idiotic, standing in front of a dumb listener who does not even look at you, but stands stolidly there as though defying imagination."

—Queen Marie of Rumania.

"In due course the world's chief broadcasting systems may become so interrelated that the barriers of nationality, language and geography will be overcome."—J. G. W. Reith, Director, British Broadcasting Company.

KGW is one of seven stations included in the new coast network that will hook-up with the WEAf chain. The first program to be broadcast over this cross-country chain will be the President's speech before a joint session of congress Washington's birthday, February 22.

## Pro and Con

Here are the opinions of two Senators who are busily engaged in debating the proposed Radio Bill as this issue goes to press.

The Hon. Wallace H. White, co-author of the White-Dill Radio Bill, says: "This legislation may fall far short of what it should be, but it is at least a step in the right direction. First and foremost, it asserts unequivocally the power and authority of the United States over this means of communication and gives to the Federal Government power over the vital factors of radio communication."

The Hon. Edwin L. Davis, replies: "This bill is less protective of the public interests and more favorable to the monopoly and the profiteering interests than any radio bill that has passed either branch of Congress, or which has heretofore been reported to either branch of Congress."

And so it goes. Meanwhile the millions of set owners are crying for relief from a situation which daily becomes more chaotic.

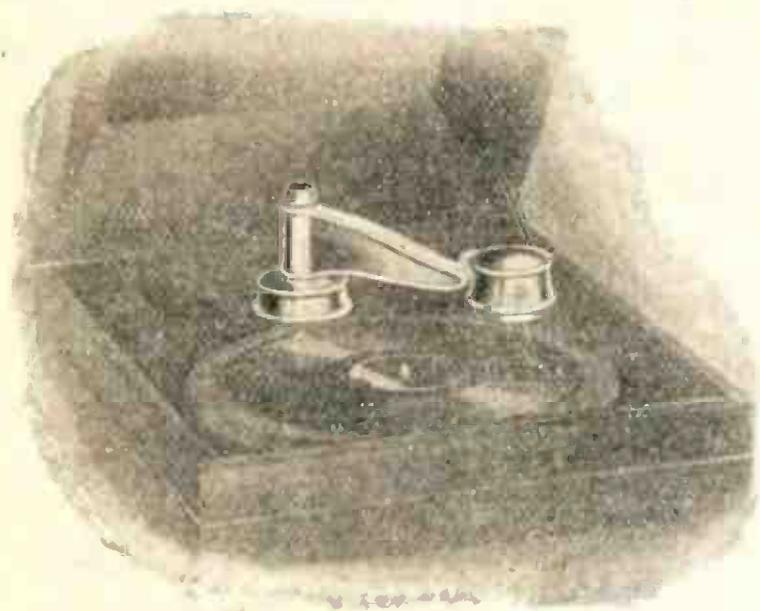
## Agricultural Station Is Popular

The California Farm Bureau has announced that during the past year more than 2,000,000 words of general farm news was broadcast through station KQW, San Jose, Calif. As a result it is said that the station has received more than 20,000 letters from the farmers served.

# VOLUPHONE

## Electric Phonograph Reproducer

Used on your old phonograph combined with your Radio Receiver, gives results in phonograph reproduction that are only equalled by the new high-priced electric reproducing phonographs.



List \$18.50

Costs so little you cannot afford to be without it!

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*Hear ALL the Bass and ALL the Treble!*

No Trouble Switching from Phonograph to Radio—Connections Permanent—Simply Turn Knob on Voluphone to Disconnect

**FOR SALE BY LEADING RADIO DEALERS**

*Made by*

**Voluphone Manufacturing Co.**

133 Venice Boulevard : Los Angeles, Cal.

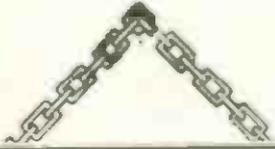
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487 Chamber of Commerce Bldg.  
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**The President Speaks**

By K. G. ORMISTON

On the 22nd day of this month we will celebrate the birth of George Washington, the first President of these United States.

Two and a half centuries have passed since President Washington was wont to address the handful of statesmen who guided the then frail craft of government through the troubled seas of national and international affairs;—two and a half centuries in which man has learned many of the immutable laws of nature in his struggle to better his condition and in his unceasing and untiring search for an explanation of the mysteries of life.

Presidents have come and gone as science has marched steadily forward. And now we read the announcement that on the day upon which we pay tribute to the memory of our first President, Calvin Coolidge will "address the nation via radio." With bland complacency we accept the astounding fact that the voice of Mr. Coolidge, speaking in the House of Representatives in Washington, will be heard at the fireside of millions of American homes! This is an age in which we are prone to take much for granted.

Through radio the Chief Executive will come to the American citizen in his home; in the bosom of his family; in the quiet of that environment. No crowding into vast auditoriums; no influence of "mob psychology"; no shouting,—but just as a guest for an hour he will sit quietly down in each family circle and speak his thoughts.

Through radio, President Coolidge will speak to at least ten million people. But of far greater importance, he will speak to the very heart of the American Nation—the HOME.

The Presidential address will be released over an extensive chain of stations.  
(Continued on page 92)

## Listeners-In Page

There comes a time in the life of every listener-in when he wants to be heard as well as to hear. In other words, he gets a "load on his chest," and, finding it useless to "talk back" to his loud speaker, he finally finds an outlet for his long-suppressed ideas by writing them to his friend—Radio Doings. From time to time such letters are published in our columns, especially when they express a new or radical thought. It is understood that the views set forth may or may not be in accord with those of this publication.

Editor, Radio Doings.  
Los Angeles, Calif.

I think the average radio fan's attitude in regard to the loud squawks and lamentations in regard to the passage of the radio legislation now before the Senate can be expressed in the words "We should worry." This thing of trying to throw a scare into the fans by telling them that they had better make up their minds to "junk" their sets if the laws are not passed, is a lot of bunk and nonsense, and is unnecessarily alarming a lot of credulous persons.

This sort of thing is doing radio more harm than good. It is just as unreasonable to have said that if we could not have had the "Boulevard Stop" and ordinances regulating left and right turns passed, that we would have to junk our cars.

While it is true that there are a number of low power, badly modulated stations butting in on waves where they have no logical right to be, the condition is no where near as bad as certain interests would have the public believe. The average set owner is not suffering to any great extent. I use a simple one-tube set, with which I go through practically everything here, and get Denver, Salt Lake, San Diego, Oakland's several stations and, for that matter, everything within reasonable range of my set. This, by the way, being Ormiston's old adaptation of the Ultra-audion as described in your 1925 Call Book.

The broadcast stations, equipment manufacturers, and dealers, who have everything at stake will see to it that we never have to junk our receiving sets. The set owners are doing their

part. They are buying the sets and accessories, and are a source of steady revenue to the battery and tube manufacturer. Why should they then take up the additional burden of "lobbying" at Washington in order to save the day? Let the big interests take some of their fat profits and go after the legislation themselves, instead of yowling for us to pull their chestnuts out of the fire.

Just keep quiet, "saw wood," and say nothing to the law makers. Everything will work out O.K., in spite of the terrible predictions of the hysterical calamity howlers. The big radio interests have too much money tied up in the industry to let it go to the dogs.

I expect to have my little one-tube set and my five-tube loud speaker set for a great many years yet, for there will be plenty of broadcasting, and still more broadcasting, after I am gone.

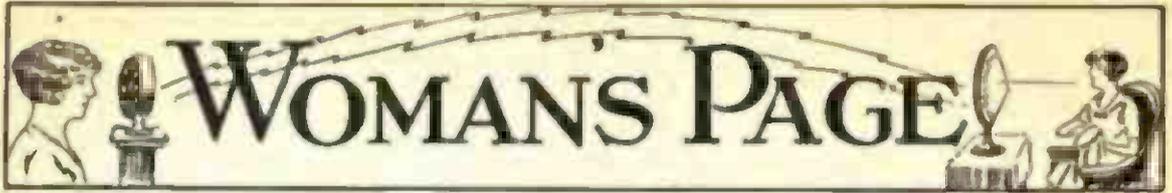
I repeat that the manufacturers and station owners will see to it that conditions are regulated so that we will not junk our sets, when they see that the public is not to be bunked into doing it for them. Therefore, "we should worry."

JOHN T. PIERCE.

Los Angeles, Calif.

*(Editor's Note:—While Mr. Pierce is correct in stating that the situation here is not as yet intolerable, he must bear in mind that the proposed legislation is for the United States as a whole. Certain portions of the country are experiencing a condition of chaos in radio that is little realized here. For example, there are 49 stations within 60 miles of Chicago! There are 61 stations within 60 miles of New York! There are 715 active stations now on the air, 165 are under course of construction, and 328 are contemplated. Without legislation it is probable that there will soon be a total of more than 1200 stations, and the wave channels were badly overcrowded when there were but 500!*

*Mr. Pierce draws a comparison with traffic regulations. Would he care to drive his car on Broadway during a rush hour if there were no signals, officers, or regulations?)*



By CAREY PRESTON RITTMEISTER

Now that a woman has conquered the Catalina Channel, what is she going to do with it? The courage and endurance of Myrtle Huddleston are worthy all the praise and admiration that may be bestowed on her, and it is to be hoped that her accomplishment may bring her something more substantial. It is one more evidence of the spirit pervading society today: women are out to prove that their sphere is the world of sport, adventure, business and what-not: that she can conquer all these fields hitherto conceded as man's, and yet be a wife, a home-maker, and a mother.

I believe you would enjoy the writings of Rosita Forbes, whose adventures make most interesting reading, and her analysis of the present-day relationship of the sexes should inspire any woman who is not content with the limitations of her environment to seek some outlet for her energy.

As a rule men find satisfaction in the mere accomplishment of their great adventure, whether it be in the line of sports, letters or business; but a woman's success unshared means nothing to her, and invariably the inspiration of her efforts is her husband or, as in the case of Myrtle Huddleston, her son. And her happiness in accomplishment is measured by the joy and pride of her son or her husband in her success.

At all seasons of the year the housewife is confronted with the monotony of choosing from the few meats offered at the market. As I heard one little housewife complain to the man behind the counter, "Why don't you get in some new meats?" So I am go-

ing to fill my column today with suggestions for the use of oysters. The oyster season is short and one should make better use of the bivalve for a variation of the menu. Remember, oysters should always be fresh and never used after being long from the shell. If cooked they should be just cooked and served instantly, for an oyster let stand after cooking is tough. If served raw they should be taken from the shells just before using and be icy cold.

For a novel relish, make little cups by cutting lemons in halves crosswise and removing the pulp. Half bury the cups in shaved ice and fill with small oysters and a few bits of the lemon pulp. At the last moment pour over a dressing made of grated horseradish, vinegar, salt and paprika. Cover the top with whipped cream, unsweetened, mixed with a teaspoon of chili sauce.

One of the pleasant times of my life is recalled—an oyster bake on the shores of Matagorda Bay. One New Year's day, in bathing suits we waded along the beach and gathered many sacks of the huge oysters so plentiful in those waters. The unopened oysters were placed on clear live coals and cooked until the shells opened. Sprinkled with salt, pepper and butter and a little pepper sauce, and eaten from the shell while still hot, they were something to remember, and I offer the suggestion for a Sunday night or after-theatre supper to the woman so fortunate as to have an open fireplace.

Another recollection of that day is a tall stone jar, filled with hot oyster chowder, brought to the feast by a fish-

## The Woman's Page

(Continued)

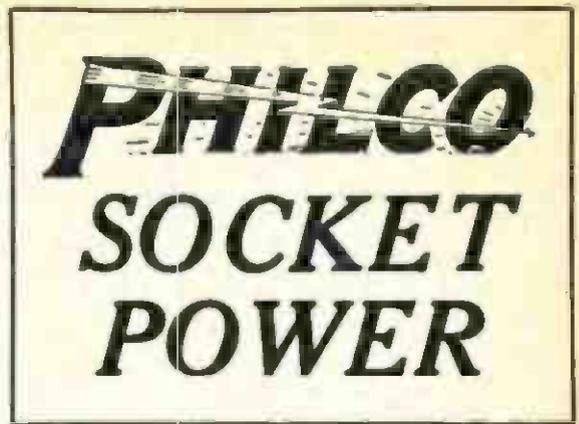
erman's wife, and this is how you may make it. In a pint of chicken broth boil one-fourth pound of ham and an onion minced fine; season with pepper, salt and butter. Add the strained liquor from a pint of oysters and a cup of tomato juice. Drop in a half dozen dumplings; cover closely and cook 20 minutes without removing the cover. Add the oysters and cook till the edges curl. Lift out each dumpling, lay the oysters on and around them and pour the chowder over all.

An oyster loaf is satisfying. Cut the top from a round loaf of bread and dig out the crumbs; butter the inside of the bread shell and brown in the oven. Fill with hot, creamed oysters and put the cover back on. Then cover the entire loaf with beaten egg yolk and put in the oven to glaze.

Next week I shall have more suggestions for the use of oysters in your menu.

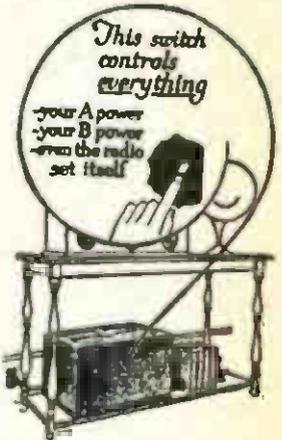
## Term 'Socket-Power Unit' Endorsed

There has been considerable misunderstanding regarding the nature and purpose of devices for furnishing A and B power for radio sets from the house lighting source, due largely to the wording of advertisements. The National Better Business Bureau received so many complaints in this connection that they consulted with many of the leading radio authorities, engineers and manufacturers to arrive at a term which would be constructive and definite. The term "Socket-Power Unit" is the result. It was decided that such terms as "B Eliminator" are negative and ambiguous, corresponding to "Horseless Carriage" for automobiles. We are not concerned with what a device eliminates, but rather with what it is and does itself.



Continuous, Certain, Trouble Free, A and B Power for Your Radio from Your Electric Light Current

**\$5**



**DOWN**

Puts One In Your Home

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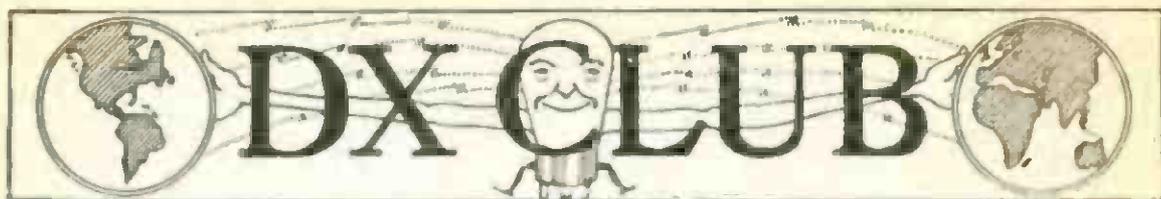
Free Demonstration in Your Home

Name .....

Address .....

Phone .....

Radio .....



## IT CAN BE DONE

Oceanside, Calif.,

## DX Club:

Being a DX hound, I am always interested in the DX section of the Red Book of Radio. I have a Stewart-Warner five-tube model 305 set, and am getting fine results; have had the set one month, and have brought in 103 stations in the United States, two in Canada and three foreign stations, CZE, Mexico City; JOAK, Tokyo, Japan, and 4QG, Brisbane, Australia. The last two stations I brought in between 4:00 and 4:30 a. m. JOAK announces in English and Japanese. If any Stewart-Warner owners wish dialing record, would be glad to send them to them. All they have to do is send addressed envelope and I will send by return mail. I find distant reception best here on clear, cool nights, and it is getting better every night. There is a lot of hams down this way that spoil a lot of our reception. I would send a copy of my log, but it is too long to print.

FRED M. ALLISON.

## COCKATOO DOES IT!

San Diego, Calif.,

## Editor DX Page:

The recent letters on the DX page have impressed me so much that I have decided to send in my own record for future writers to shoot at.

Using a non-oscillating crystal reflex, I have received KDKA, WJZ, WEA, WRNY, JOAK, 2BL, CZE, and many others, which it is useless to mention.

I attribute my unbelievable success to the fact that I hook the loud speaker to the house lighting current, connect the A to the telephone line, and for an aerial use a bird cage containing a cockatoo.

BUFFALO BILL.

## BEAT THIS LIST

Los Angeles, Calif.

## DX Club:

Why give Zeniths and a very few more a monopoly on telling the world how your set performs. Some of you Radiola owners who are DX hounds lay aside your cloak of modesty and give 'em a broadside of broadcast reception.

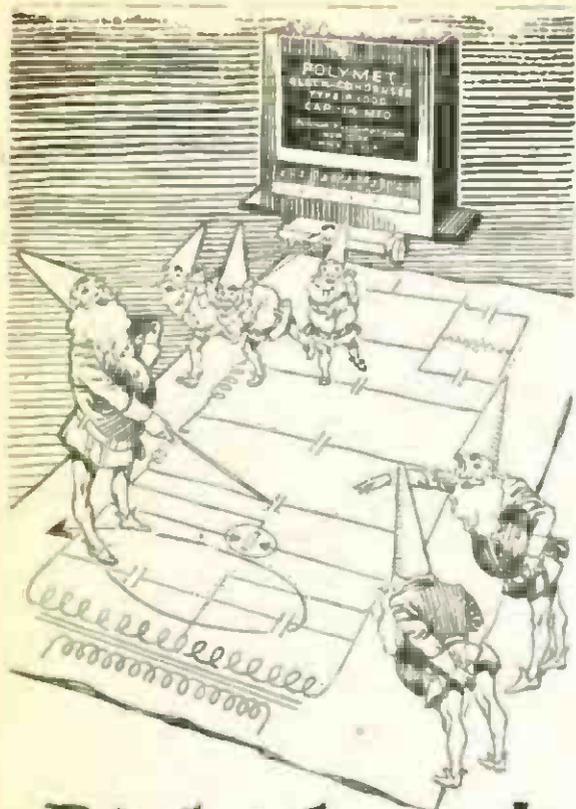
I'll start the ball rolling, and if the printer don't get paralysis, I will herewith submit my log. I won't insult your intelligence by saying that I get these stations every time they are on the air, nor that I have listened to them in the very recent past, but I do say that this list represents the stations I have heard on loud speaker. This brings up the question of that fellow who steps to the microphone and rambles all over the world, but apparently feels that he must keep the name of his station and his call letters a secret.

If every announcer would copy Larry Mott's style, DX would be a pleasure unmarred. When Larry Mott steps to the "Mike" he leaves no question in anybody's mind as to what his station is.

KFXB, KFVD, KNRC, KFWC, KFWO, KFWV, WOK, KFUU, KFUR, KFOZ, WBBM, WIBO, KPPC, KFQU, KFON, KFCB, KFVE, KZM, KFUR, KFSD, KDYO, WIOD, KFWI, KFXF, KLS, KMO, KFWB, KFEL, KFWH, KFUS, KRE, KFJR, KTBR, WCAR, KFPY, WENR, WGBH, KFRC, KFH, WOI, KFSG, WORD, WSW, WGBU, KFAU, KMOX, KSMR, WSM, KOWW, KFKX, KTBI, KSL, KTAB, WGN, WLIB, KOMO, KDKA, KFDM, KFWM, KPSN, KOIN, KOA, WKRC, WSAI, WJAZ, KQW, KNX, WCB, WLS, KOB, KWSC, WJAD, KGO, WDAF, WHB, WEBH, KMTR, WJJD, KFBU, KTHS, KVOO, KGY, KJR, KLZ, WBMF, WEAR, KHQ, WQAI, WHT, KHJ, WCCO, WKRC, WLW, KPO, WSB, WOS, WMAQ, KFOA, WJZ, KMA, KFNF, KFI, WRC, WPAB, WFAA, WOC, WSUI, WEA, KGW, KFRU, WMC, KLX, WHO, WOAW, KYW, KFUD, KSD, CFCN, CJCA, CNRB, KJU, CZE, WREO.

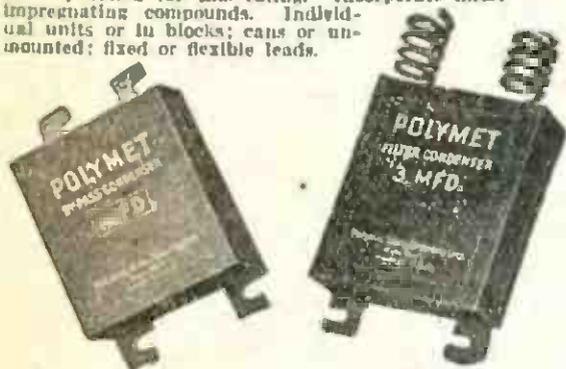
M. C. MOHEN.

2097 W. 29th St.



# Right here!

You can't go wrong when you use Polymet High Voltage Condensers in sets or power units. Built to withstand 1,000 volts permanently, and individually tested for this rating. Incorporate finest impregnating compounds. Individual units or in blocks; cans or unmounted; fixed or flexible leads.



Capacities .1 to 5. Mfd. . . . . 60c to \$4.50

## RAYTHEON CIRCUIT BLOCKS

Tested by the Raytheon Laboratories, they have passed with highest honors and been given an enviable rating.

F1001—1-C-1 Mfd. . . . . \$2.00

F1000—14 Mfd. . . . . 9.50

At all good dealers everywhere.

Illustrated descriptions sent FREE on request

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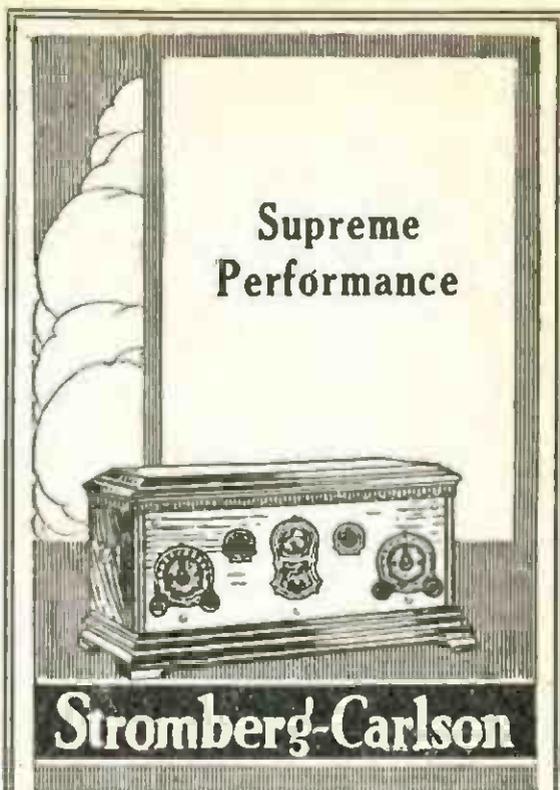
Pacific Coast Representatives

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"World's Largest Manufacturers of Radio Essentials"

# POLYMET



## Stromberg-Carlson

The joy of owning a real Radio Receiver! Performance that only Stromberg-Carlson can give—fidelity of tone equaled in no other receiver—distant stations with a clarity to match local broadcast—ease of operation—the symbol of everything fine in a Radio Receiver. Can be purchased out of income.

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WILSHIRE BOULEVARD  
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Authorized Dealer

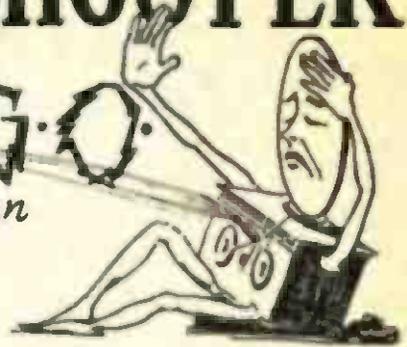
## Stromberg-Carlson

# THE TROUBLE SHOOTER



ASK K.G.O.  
*The Answer Man*

KENNETH G. ORMISTON  
Technical Editor



**QUESTION**—James Mendill, Los Angeles, asks: Should not the loop on Radiola 28 be directional? I have to keep it always in the same position. There is a floor lamp beside my set and when I pull the plug out of the wall socket a station that was coming in plain drops out.

**ANSWER**—Very often a loop, such as is used on the Radiola 28, will be found to have no appreciable directional effect. That is, it will give loudest signals when set in a certain fixed position regardless of the direction of the station being received. This is due to the fact that the loop is receiving energy from some other collector close to it, such as the house wiring circuits, or the loose end of an unused antenna. The loop is therefore turned to advantageously pick up energy from this other source rather than to have its plane horizontal to the direction of the station being received as would be the case were there no other influences affecting the loop.

This can often be demonstrated by moving the set out away from the wall where the loop will not be in close proximity to the house wiring or any other possible collector of radio energy. In preserving the directional properties of the loop you increase the selectivity of the receiver, and to accomplish this it is only necessary to see to it that the loop is acquiring energy from the passing wave-front of the transmitting station only, and not from unused antennae, lighting circuits, etc. Place the set so that there are no electrical

circuits near the loop, or other metallic collectors.

**QUESTION**—C. E. M., Hollywood, Cal.: Is there any harm to the radio set by using two loud speakers at the same time? I like the resultant tone when I use my old Rola together with my new cone.

**ANSWER**—Many fans as well as some of the console radio set manufacturers are solving the quality of reproduction question by the use of two loud speakers. Before the development of the cone speaker the horn type of reproducer failed to pass the low or bass notes and favored the high notes. Then the cone appeared, and for the first time the listener-in heard the bass notes. His delight at this improvement prompted the cone speaker manufacturer to so design the speaker as to further emphasize the low notes, while at the same time improvement in the audio frequency amplifier extended its frequency range downward.

The result of these two factors is that with the modern audio amplifier and the modern cone speaker, the low notes are usually over emphasized and the high notes sacrificed. Certain manufacturers of sets are now incorporating two speakers, one cone and one of the horn type. The result is uniform reproduction over the entire range. Fans have independently in some cases discovered the same pleasing effect through the simultaneous use of their old horn type and the new cone speaker. The two units may be connected either in series or parallel, whichever arrangement gives the best result.

The type of reproducer which is most satisfactory is that used in the Orthophonic and Panatone talking machines, and the fan possessing one of these machines can do no better than make use of the wonderful horn thus provided.

# The Burns B-Power Unit

Not  
Just Another Eliminator  
BUT

## A Real Eliminator

No  
Hum  
No  
Acid

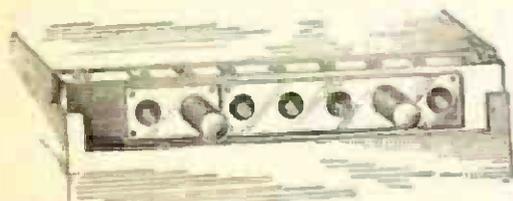


Price  
Complete  
with Tube  
**\$47<sup>50</sup>**

*(West of the  
Rockies)*

## Burns B-Power Unit

Will Handle Perfectly up to Twelve Tubes, Including Power Tube



Amplifier Voltage Adjustment  
Plug which makes the Burns  
Eliminator the only one on the  
market which gives a constant  
voltage at a fixed load.

A Source of Unfailing Plate Voltage

*Stock for the Jobber Carried by*

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GLOW ELECTRIC CO.  
5910 Hollywood Blvd.  
Hollywood 4610

HETZEL RADIO SERVICE  
8303 Santa Monica Blvd.  
GRanite 5874

SHEPHERD RADIO SERVICE  
7562 Sunset Blvd.  
GRanite 7482

### West Wilshire

A. C. HUGHES  
1046 S. La Brea Ave.  
ORegon 7603

## Echo Park

E. E. EAGLES  
1704 Sunset Blvd.  
W Ashington 9588

### Highland Park

F. & H. RADIO SHOP  
6011 York Blvd.  
GARfield 8962

### Huntington Park

P. A. DOUGHERTY  
158 S. Pacific Blvd.  
DElaware 4852

## South

JENKINS RADIO  
8450-52 S. Broadway  
THordwall 4460

## Southeast

MANCHESTER RADIO  
ELECTRIC SHOP  
1522 E. Manchester Ave.  
DElaware 0460

## Southwest

GENERAL SUPPLY STORES  
N. E. Cor. 46th & Western  
VERmont 6683

RIMPAU RADIO  
(Hereford & Whitehead)  
4808 W. Washington Blvd.  
WHitney 3061

THE RADIO-ELECTRIC SHOP  
1428 W. Sta. Barbara Blvd.  
VERmont 7440



### MODEL E-10

Six Tubes—Wet or Dry Type. Single control without loss of efficiency. Extremely selective. Maximum receiving range. All metal construction. Illuminated scale—acts as pilot light. Perfect control of volume. Brown Mahogany Cabinet, Rosewood Inlay. Without Accessories—\$150.00.

Yale Radio Electric Co., Wholesale Distributors, 1111 Wall St., Los Angeles

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Safety and  
Satisfaction

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Invite You to Hear the Federal Ortho-Sonic Radio and Judge for Yourself

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O'NEAL RADIO  
2033 S. Garfield Ave.  
Alhambra 2782-J

**BURBANK**

STOLPER ELECTRIC SHOP  
114 E. San Fernando Blvd.  
Burbank 809-W

**GLENDALE**

BROADWAY ELECTRIC  
(Willard Hellman,  
Radio Dept.)  
202 E. Broadway  
Glendale 3064

**LANKERSHIM**

LANKERSHIM MUSIC CO.  
5317 Lankershim Blvd.  
Lankershim 174

**LONG BEACH**

KELM RADIO Co.  
147 E. 4th St., at Locust  
Long Beach 618-329

RADIOLAND SERVICE Co.  
734 E. Anaheim St.  
Long Beach 666-239

**LYNWOOD**

LYNWOOD ELECTRIC Co.  
203 N. Long Beach Blvd.  
Compton 583

**OCEAN PARK  
SANTA MONICA**

PIER AVENUE RADIO Co.  
142 Pier Ave.  
Santa Monica 61094

**PASADENA**

THOMAS & SOMMERVILLE  
41 N. Broadway  
Terrace 0815

**REDONDO**

J. H. THORP RADIO &  
MUSIC SHOP  
124 S. Pacific Ave.  
Redondo 3621

**SAN PEDRO**

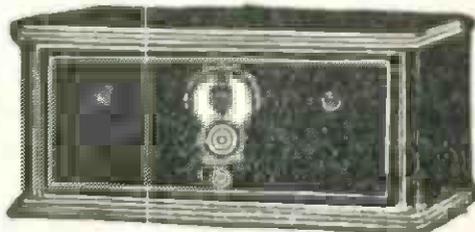
SAN PEDRO ELECTRIC  
261 Sixth St.  
San Pedro 834

**WHITTIER**

H. C. OLDHAM  
128 S. Greenleaf Ave.  
Whittier 411-293

**MODEL D-10**

Five Tubes. Centralized control. Very selective and sensitive. Genuine Mahogany Cabinet, Mahogany Lined. Finished in rich Brown. Without Accessories—\$100.00



Yale Radio Electric Co., Wholesale Distributors, 1111 Wall St., Los Angeles

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## Broadcast Changes

There were 715 active stations broadcasting on February 7th, according to the records of the Department of Commerce, which licensed ten new stations during the past week and deleted three which have ceased to operate. These may be the last licensed for some time, since the radio bill, which will probably pass the Senate soon, will terminate all licensing until the commission starts functioning. The newcomers in the ether report they will operate low power transmitters in the ten states of Washington, Massachusetts, Nebraska, Oklahoma, New York, Pennsylvania, Iowa, Florida, Ohio and California. On the other side of the balance sheet, Texas, Michigan and Utah each lost a station. There are 328 new stations contemplated.

Of five wave pirates, reporting changes to ether channels of their own selection, three increased their wave lengths and two dropped slightly, apparently to decrease local interference.

The new stations and the changes follow:

### TEN MORE SMALL STATIONS

Call	Owner	Wave Length Meters	Frequency Kcys.	Power Watts
KROX	N. D. Brown & W. J. Calsamalia, Seattle, Wash. ....	265.3	1130	100
WLBM	Browning Drake Corp., Boston, Mass. ....	480	624.5	50
KGEO	Raymond D. Chamberlain, Grand Island, Neb. ....	271	1106	50
KGFG	Full Gospel Church, Oklahoma City, Okla. ....	384	780.8	50
WMBQ	Paul J. Gollhofer, Brooklyn, N. Y. ....	210	1428	100
WMBU	Paul J. Miller, Pittsburgh, Pa. ....	236.1	1270	50
KSCJ	The Sioux City Journal, Sioux City, Iowa. ....	444	675.3	10
WMBR	Premier Electric Co., Tampa, Fla. ....	250	1199	100
WMBW	The Youngstown Broadcasting Co., Inc., Youngstown, Ohio . . . . .	279	1075	50
KGFH	Frederick Robinson, La Crescenta, Calif. . .	218.8	1370	100

### SEVERAL CHANGES IN WAVES AND NAMES

KGCN, Concordia Broadcasting Co., Concordia, Kan., name changed from Alva E. Smith. Wave length changed from 210 meters, 1428 kilocycles, to 235 meters, 1276 kilocycles.

WMPC, First Methodist Protestant Church, Lapoor, Mich., from 222 meters, 1351 kilocycles, 30 watts, to 202 meters, 1484 kilocycles, 15 watts.

WFHH, Fort Harrison Hotel, Clearwater, Fla., call letters changed from WGHB. Wave length changed from 265.3 meters, 1130 kilocycles, to 355.4 meters, 843.6 kilocycles.

KDYL, Intermountain Broadcasting Corp., Salt Lake City, Utah, from 245.8 meters, 1220 kilocycles, 100 watts, to 246.8 meters, 1215 kilocycles, 250 watts.

KGCG, Moore Motor Co., Newark, Ark., from 239.9 meters, 1250 kilocycles, to 234.2 meters, 1280 kilocycles.

WTAS, Richmond Harris & Co., Batavia, Ill., call letters changed from WSWs.

WJR-WCX, Station WJR, Inc., and the Detroit Free Press, Pontiac, Mich., name changed from Jewett Radio & Phonograph Co. and the Detroit Free Press.

WBAW, Waldrum Drug Co., Nashville, Tenn., name changed from Braid Electric Co. and Waldrum Drug Co.

### THREE DELETED

KFYO, Buchanan-Vaughn Co., Texarkana, Texas.

WWPR, Detroit Police Department, Detroit, Mich.

KFOO, Latter Day Saints University, Salt Lake City, Utah.

# SUNDAY TIME TABLE

ALL TIME TABLES ADJUSTED TO PACIFIC TIME  
(X) Indicates Station is On the Air

10-12 A.M.		12-2 P.M.		2-4 P.M.		4-6 P.M.		STATIONS				6-8 P.M.		8-10 P.M.		10-12 P.M.																
10-00-10-30	10-30-11-00	11-00-11-30	11-30-12-00	12-00-12-30	12-30-1-00	1-00-1-30	1-30-2-00	2-00-2-30	2-30-3-00	3-00-3-30	3-30-4-00	4-00-4-30	4-30-5-00	5-00-5-30	5-30-6-00	CALL	Wave Length Meters	Power in Watts	STATION	6-00-6-30	6-30-7-00	7-00-7-30	7-30-8-00	8-00-8-30	8-30-9-00	9-00-9-30	9-30-10-00	10-00-10-30	10-30-11-00	11-00-11-30	11-30-12-00	
<b>SOUTHERN CALIFORNIA</b>																																
X	X															KGEF	517	1000	Los Angeles				X	X	X							
X	X	X	X						X	X						KFI	407	4000	Los Angeles	X	X	X	X	X	X	X	X	X	X	X	X	
			X	X												KFCR	413	500	Santa Barbara					X	X							
X	X	X	X	X												KHJ	405	500	Los Angeles				X	X	X	X	X	X				
	X	X														KMIC	387	500	Inglwood				X	X	X	X						
																KFBC	380	50	San Diego				X									
																KMTR	370	500	Hollywood	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X					X	X	X	X	X	X			KNX	337	750	Los Angeles				X	X	X	X	X	X	X	X	X	
	X	X														KPSN	316	1000	Pasadena	X	X											
X	X	X	X									X	X			KFWC	298	200	San Bernardino							X	X	X	X	X	X	
	X	X	X	X												KTBI	284	750	Los Angeles	X	X	X	X	X	X	X						
	X	X	X	X						X	X	X	X			KFSG	275	500	Los Angeles	X	X	X	X	X	X	X	X	X	X	X	X	
																KWTC	263	250	Santa Ana	X	X											
																KFWB	252	500	Hollywood						X	X	X	X	X			
										X	X					KFSB	248	1000	San Diego													
X	X	X						X	X				X	X	X	KNRC	238	1000	Santa Monica	X	X	X	X	X	X	X	X	X	X	X		
	X	X	X					X	X	X	X	X	X	X	X	KFON	233	750	Long Beach	X	X	X	X	X	X	X	X	X	X	X	X	X
	X	X	X	X												KPPC	229	50	Pasadena				X	X	X	X						
																KFQZ	228	500	Hollywood	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	
																KFVD	205	500	Venice									X	X	X		
<b>NORTHERN CALIFORNIA</b>																																
X	X								X	X	X	X				KPO	428	1000	San Francisco	X	X	X	X	X	X	X	X	X	X	X	X	X
	X	X														KYA	400	1000	San Francisco				X	X								
	X	X	X						X	X						KGO	381	4000	Oakland	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X												KQW	333	500	San Jose				X	X	X	X						
X	X	X	X	X												KTAB	303	1000	Oakland				X	X	X	X						
														X	X	KFRC	268	500	San Francisco	X	X	X	X	X								
	X	X														KFUS	250	50	Oakland				X	X	X							
X	X															KRE	250	100	Berkeley													
																KFWI	250	500	San Francisco	X	X	X	X	X	X	X	X	X	X	X	X	
<b>NORTHERN AND WESTERN STATES</b>																																
X	X	X	X													KGW	691	1000	Portland				X	X	X	X	X					
X	X	X														CFAC	635	2000	Calgary													
	X	X	X													KJR	384	20M	Seattle				X	X	X	X	X	X	X	X	X	
																KLZ	304	500	Denver	X	X	X	X									
X	X	X	X													KOA	322	5000	Denver	X	X	X										
																KOIN	318	1000	Portland	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X											KOMO	308	1000	Seattle	X	X	X	X	X	X	X	X	X	X	X	X	
X	X															KBL	300	1000	Salt Lake City				X	X	X	X						
	X	X	X													KMO	250	500	Tacoma	X	X	X	X	X	X							

Hours Shown as Submitted by These Stations. For DX Schedule see Page 46

**WILL SACRIFICE** a \$150 a month, well-appointed, two-room office suite in the I. N. Van Nuys Building, Seventh and Spring Streets, Los Angeles, for \$100 per month. Lease has one year to run.

Inquire at  
**RADIO DOINGS**

407 East Pico St.

Westmore 1401

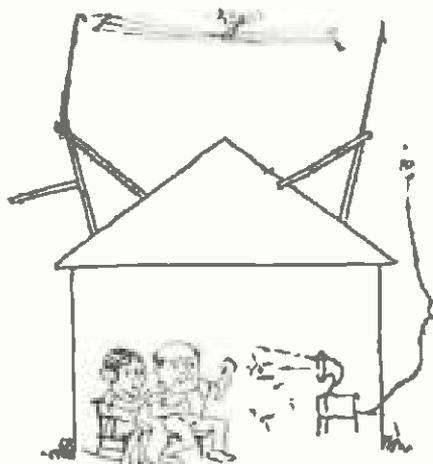
Los Angeles, Calif.

# MONDAY TIME TABLE

ALL TIME TABLES ADJUSTED TO PACIFIC TIME  
(X) indicates Station is On the Air

10-12 A.M.		12-2 P.M.		2-4 P.M.		4-8 P.M.		STATIONS				8-8 P.M.		8-10 P.M.		10-12 P.M.																											
10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-1:00	1:00-1:30	1:30-2:00	2:00-2:30	2:30-3:00	3:00-3:30	3:30-4:00	4:00-4:30	4:30-5:00	5:00-5:30	5:30-6:00	CALL	Wave Length Meters	Power in Watts	STATION	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00												
<b>SOUTHERN CALIFORNIA</b>																																											
X	X	X		X	X											X	KFI	487	4000	Los Angeles	X	X	X	X	X	X	X	X	X	X	X	X	X	X									
				X	X												KFC	413	500	Santa Barbara					X	X																	
																	KHJ	405	500	Los Angeles					X																		
																	X	KMIC	389	500	Inglewood	X	X	X	X	X	X	X	X														
				X	X													KFBC	580	50	San Diego					X	X	X	X														
								X	X	X	X	X	X	X	X	X	X	KMTR	370	500	Hollywood	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
X	X			X													X	KNX	337	750	Los Angeles	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
				X	X													KGER	320	100	Long Beach	X	X	X	X																		
																		KPSN	316	1000	Pasadena	X	X			X	X	X															
																		CYH	311	1000	Monterey, Mex.	X	X	X	X																		
				X	X	X	X	X	X	X	X	X	X	X	X	X		AMB	301	100	Tia Juana, Mex.																						
				X	X													KFWC	295	100	San Bernardino						X	X	X	X	X	X	X	X	X	X	X	X					
								X	X									KTBI	284	750	Los Angeles					X	X	X	X														
																		KSMR	283	100	Santa Maria	X	X	X	X	X	X	X	X														
																		KWTC	253	250	Santa Ana	X	X																				
				X	X													X	KFWB	252	500	Hollywood	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
																		KFSD	246	1000	San Diego	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
																		KHRC	238	1000	Santa Monica	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
X	X	X	X	X	X												X	KFON	233	750	Long Beach	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
				X	X													KFQZ	220	500	Hollywood	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
																		KGFH	219	50	La Crescenta					X	X	X	X														
																		X	KFYF	214	25	Oxnard, Cal.	X																				
																		KFVD	205	500	Vanice						X	X	X	X													
<b>NORTHERN CALIFORNIA</b>																																											
																		KFBK	535	100	Sacramento	X	X	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	X	X			
X				X	X													X	KPO	428	1000	San Francisco	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
				X	X	X												X	KYA	400	1000	San Francisco		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
				X	X	X	X											X	KGO	381	4000	Oakland	X	X	X																		
X																		X	KQW	353	500	San Jose	X	X	X	X	X	X															
																		X	KTAB	300	1000	Oakland	X	X			X	X	X	X													
X	X	X	X	X	X	X	X											X	KFRC	208	500	San Francisco	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
																		X	KRE	256	100	Berkeley					X	X	X	X													
X	X																	X	KFUS	256	50	Oakland																					
X	X			X														X	KFWH	254	100	Eureka						X	X	X	X												
				X	X													X	KFWI	250	500	San Francisco	X	X	X		X	X	X	X													
																		X	KZM	240	100	Oakland		X																			
																		X	KMJ	234	50	Fresno					X	X	X	X													
<b>NORTHERN AND WESTERN STATES</b>																																											
X	X	X		X	X													X	KRW	481	1000	Portland	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
																		X	KFOA	454	1000	Seattle		X	X	X	X	X	X	X													
				X	X													X	OFAC	435	2000	Calgary					X	X															
																		X	KFXF	422	1000	Denver	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
																		X	KHQ	384	1000	Spokane	X	X			X	X															
X	X	X																X	KJR	384	20M	Seattle	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
																		X	KLZ	384	500	Denver	X	X	X																		
X	X	X	X															X	KOA	322	5000	Denver	X	X	X	X	X																
																		X	KOIN	315	1000	Portland	X	X	X		X	X	X	X													
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	KOMO	305	1000	Seattle	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
																		X	KISL	300	1000	Salt Lake City	X	X	X	X	X	X															
																		X	KOWW	285	500	Walla Walla		X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
																		X	KOAC	280	500	Corvallis, Oreg.	X	X	X	X																	
																		X	KFJR	283	50	Portland			X	X																	
X	X																	X	KMO	250	500	Tacoma			X	X	X																

# Anten-A-Liminator



The result of months of experimenting and exhaustive tests. Many times the selectivity of an outside aerial. Will make it possible for you to separate the lower wave length stations.

Small—Compact. Can be put inside or outside of the cabinet. Quickly installed.

Will take the Chaos out of the Air.

Static, extraneous noises, many stations coming in at one time, unsightliness and a fire hazard are some of the disadvantages of an outside aerial.

Why get a jumble of noise from an instrument designed for pleasure?



**\$8.50**

**Unconditionally  
Guaranteed  
If Not Opened**

Manufactured by:  
Geo. E. Browning Co.  
Ogden, Utah

If Your Dealer Can Not  
Supply You

Telephone VAndike 3297  
Or Write

**Scott Sales Co.**

443 S. San Pedro St.  
Los Angeles, Cal.



# TUESDAY TIME TABLE

ALL TIME TABLES ADJUSTED TO PACIFIC TIME  
(X) Indicates Station is On the Air

10-12 A.M.		12-2 P.M.		2-4 P.M.		4-6 P.M.		STATIONS				6-8 P.M.		8-10 P.M.		10-12 P.M.															
10 00-10 30	10 30-11 00	11 00-11 30	11 30-12 00	12 00-12 30	12 30-1 00	1 00-1 30	1 30-2 00	2 00-2 30	2 30-3 00	3 00-3 30	3 30-4 00	4 00-4 30	4 30-5 00	5 00-5 30	5 30-6 00	CALL	Wave Length Meters	Power In Watts	STATION	6 00-6 30	6 30-7 00	7 00-7 30	7 30-8 00	8 00-8 30	8 30-9 00	9 00-9 30	9 30-10 00	10 00-10 30	10 30-11 00	11 00-11 30	11 30-12 00
<b>SOUTHERN CALIFORNIA</b>																															
																X	KFI	467	4000	Los Angeles	X	X	X	X	X	X	X	X	X	X	
		X	X														KFCR	413	500	Santa Barbara					X	X					
								X	X								KHJ	405	500	Los Angeles	X	X	X	X	X	X	X	X	X	X	
																	KMIC	357	500	Inglewood	X	X	X	X	X	X	X	X	X	X	
X	X	X	X				X	X	X	X	X	X	X	X	X	X	KMTR	370	500	Hollywood	X	X	X	X	X	X	X	X	X	X	
X	X		X			X	X	X	X	X	X	X	X	X	X	X	KNX	337	750	Los Angeles	X	X	X	X	X	X	X	X	X	X	
			X	X													KGER	326	100	Long Beach	X	X			X	X	X	X			
		X	X														KPSN	316	1000	Pasadena	X	X			X	X	X	X			
		X	X	X	X	X	X	X	X	X	X	X	X	X	X		JMB	301	100	Tia Juana, Mex.			X	X	X	X	X	X			
X	X	X										X	X				KFWC	296	100	San Bernardino						X	X	X	X		
								X	X								KTBI	294	750	Los Angeles		X	X	X	X						
X	X	X	X					X	X	X	X						KFSQ	275	500	Los Angeles	X	X	X	X	X	X					
																	KWTC	253	250	Santa Ana	X	X			X	X	X	X			
			X	X								X	X	X	X	X	KFWB	252	500	Hollywood	X	X	X	X	X	X	X	X	X	X	
																	KFSD	246	1000	San Diego	X	X	X	X	X	X	X	X	X	X	
								X	X	X	X						KNRC	236	1000	Santa Monica	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	KFON	233	750	Long Beach	X	X	X	X	X	X	X	X	X	X	
			X	X													KFQZ	226	500	Hollywood	X	X	X	X	X	X	X	X	X	X	
			X	X								X	X				KFWO	211	250	Catalina	X	X	X	X							
																	KFVD	205	500	Venice					X	X	X	X			
<b>NORTHERN CALIFORNIA</b>																															
																	KLX	506	500	Oakland					X						
X		X	X	X				X	X	X	X	X	X	X	X	X	KPO	426	1000	San Francisco	X	X	X	X	X	X	X	X	X	X	
			X	X	X												KYA	400	1000	San Francisco	X	X					X	X			
		X	X	X	X							X	X				KGO	301	4000	Oakland	X	X	X		X	X	X	X			
X																	KQW	333	500	San Jose	X	X	X	X	X	X					
												X	X	X	X	X	KTAB	303	1000	Oakland	X	X			X	X	X	X			
																	KSMR	283	100	Santa Maria	X	X	X	X	X	X	X	X			
X	X	X	X	X	X	X					X	X	X	X	X	X	KFRC	258	500	San Francisco	X	X	X		X	X	X	X	X	X	
		X															KRE	256	100	Berkeley							X	X			
							X	X									KFUS	256	50	Oakland											
X	X	X	X				X										KFWH	254	100	Eureka					X	X	X				
					X	X											KFWI	250	500	San Francisco	X	X	X		X	X	X	X			
																	KZM	240	100	Oakland		X									
																	KMJ	234	50	Freese						X	X				
<b>NORTHERN AND WESTERN STATES</b>																															
X	X	X			X	X	X	X									KGW	461	1000	Portland	X	X	X	X	X	X	X	X	X	X	
			X	X	X							X					KFOA	454	1000	Seattle	X	X	X	X	X	X	X	X			
			X	X								X	X				KFAC	435	2000	Calgary											
																	KFFF	422	1000	Denver	X	X	X	X	X	X	X	X	X	X	
						X	X										KHQ	304	1000	Spokane	X	X	X	X	X	X	X	X			
X	X	X															KJR	284	20M	Seattle	X				X	X	X				
																	KLZ	324	500	Denver		X	X	X	X						
X	X	X	X				X	X	X	X		X					KOA	322	5000	Denver		X			X	X					
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	KOIN	319	1000	Portland	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	KOMO	306	1000	Seattle	X	X		X	X	X	X	X	X	X	
																	KSL	306	1000	Salt Lake City	X	X	X	X	X	X					
																	KNRV	291	5000	Vancouver				X			X	X			
																	KOWW	285	500	Walla Walla				X							
																	KFJR	283	50	Portland				X			X				
X	X			X	X	X	X	X	X	X	X						KMO	259	500	Tacoma		X	X								
												X	X				KFEC	248	50	Portland	X										
																	KFOX	233	1000	Seattle			X	X							

# Mohawk Radio

## One Dial

### THE PIONEER ONE-DIAL SET

Any of the following dealers will be glad to demonstrate a set for you. Once demonstrated, you will buy.

#### LOS ANGELES

R. C. Larkin  
4285 Beverly Blvd.  
Mohawk Battery & Radio  
2115 Sunset Blvd.  
L. A. Duncan  
2891 West Pico  
Bob Brown  
4353 South Figueroa St.  
Monarch Radio Company  
2189 W. Washington Blvd.  
L & Y Electric Co.  
8864 West Pico  
Normandie Radio  
5069 Hollywood Blvd.  
Barney Campbell  
8210 Sunset Blvd.  
Top Notch Radio  
747 S. Main St.  
ANAHEIM, Schmidt Music Co.  
217 West Center  
GLENDALE—Alexander Radio  
Shop, 216 North Brand  
WHITTIER, H. D. Squires  
218 South Greenleaf  
LONG BEACH, R. W. Haynes  
137 East Fourth  
CARLSBAD, Standard Garage  
WILMINGTON—Kelm Radio  
SANTA PAULA—Kit Carson  
ONTARIO—Davis Electric Co.

#### SAN DIEGO

Nelson Radio  
Fains Radio Shop

FILLMORE, M. D. Basolo  
SOLANO BEACH, I. E. Connor  
CALEXICO, City Electric Co.  
313 Second St.  
INDEPENDENCE, Sterling Bros.  
Garage  
BISHOP, Exide Battery Shop  
SAN CLEMENTE, San Clemente  
Electric Shop  
LONE PINE, James G. Ducker  
MONROVIA, J. H. Terry  
416 South Myrtle  
SANTA BARBARA, Channel Elec-  
tric Co., 523 Anacapa St.  
SANTA PAULA, Kit Carson  
SANTA MONICA Bay Dist. Dealer,  
Warren Radio Shop, 1548 17th St.  
SEAL BEACH, D. W. Collier  
321 Main St.  
LOMITA, Calkins Hdwe. Co.  
TORRANCE, De Bra Radio Co.  
BELLFLOWER, S. E. Moore  
617 Somerset St.  
SAN PEDRO, Journey Electric Co.  
380 Sixth St.

#### PASADENA

Lee Radio  
922 E. Colorado  
Wilson Music Co.  
180 E. Colorado  
Radio Doc  
1581 Walnut St.

## COOK-NICHOLS CO.

411 S. San Pedro St.  
Los Angeles, Cal.

482 S. Fair Oaks Ave.  
Pasadena, Cal.

# WEDNESDAY TIME TABLE

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

10-12 A.M.		12-2 P.M.		2-4 P.M.		4-6 P.M.		STATIONS		6-8 P.M.		8-10 P.M.		10-12 P.M.																		
10-10-30	10-30-11-00	11-00-11-30	11-30-12-00	12-00-12-30	12-30-1-00	1-00-1-30	1-30-2-00	2-00-2-30	2-30-3-00	3-00-3-30	3-30-4-00	4-00-4-30	4-30-5-00	5-00-5-30	5-30-6-00	CALL	Wave Length Meters	Power In Watts	STATION	6-00-6-30	6-30-7-00	7-00-7-30	7-30-8-00	8-00-8-30	8-30-9-00	9-00-9-30	9-30-10-00	10-00-10-30	10-30-11-00	11-00-11-30	11-30-12-00	
<b>SOUTHERN CALIFORNIA</b>																																
																	KGEF	517	1000	Los Angeles	X	X	X	X	X							
X	X	X														X	KFI	457	4000	Los Angeles	X	X	X	X	X	X	X	X	X	X	X	
			X	X													KFCR	413	500	Santa Barbara				X	X							
								X	X								KHJ	480	800	Los Angeles		X	X	X	X	X	X	X	X	X	X	
			X	X												X	KMIC	307	500	Inglewood	X	X	X	X	X	X	X	X	X	X	X	
					X	X											KFBC	280	500	San Diego		X	X	X	X	X	X	X	X	X	X	
X	X					X	X	X	X	X	X	X	X	X	X	X	KMTR	370	500	Hollywood	X	X	X	X	X	X	X	X	X	X	X	
X	X		X			X	X	X	X			X	X			X	KNX	337	750	Los Angeles	X	X	X	X	X	X	X	X	X	X	X	
			X	X				X	X								KGER	328	100	Long Beach	X	X										
			X														KPSN	316	1000	Pasadena	X	X										
			X	X	X	X	X	X	X	X	X	X	X	X	X	X	AMB	301	100	Tia Juana, Mex.												
X	X	X										X	X	X	X	X	KFWC	295	100	San Bernardino						X	X	X	X	X	X	
								X	X								KTBI	294	750	Los Angeles		X	X	X	X							
								X	X								KSMR	283	100	Santa Maria		X	X	X	X	X	X	X	X	X	X	
X	X	X	X					X	X	X	X	X	X	X	X	X	KFSG	276	500	Los Angeles	X	X	X	X	X	X	X	X	X	X	X	
												X	X				KWTC	263	250	San ta Ana		X	X									
			X	X								X	X			X	KFWB	252	500	Hollywood	X	X	X	X	X	X	X	X	X	X	X	
										X	X						KFSD	246	1000	San Diego	X	X	X	X	X	X	X	X	X	X	X	
								X	X	X	X						KNRC	232	1000	Santa Monica	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	KFON	233	750	Long Beach	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X														KPPC	229	50	Pasadena	X	X	X	X	X							
			X	X													KFQZ	226	500	Hollywood	X	X	X	X	X	X	X	X	X	X	X	
																	KGFH	219	50	La Crescenta					X	X	X	X				
			X	X													KFWD	211	250	Catalina	X	X	X	X	X	X						
																	KFVD	205	500	Venice					X	X	X	X				
<b>NORTHERN CALIFORNIA</b>																																
																	KLX	508	500	Oakland		X	X		X	X	X	X				
X			X		X	X			X	X	X	X	X	X	X	X	KPO	428	1000	San Francisco	X	X	X	X	X	X	X	X	X	X	X	
			X	X	X												KYA	400	1000	San Francisco		X	X		X	X	X	X	X	X	X	
			X	X	X												KGO	381	4000	Oakland	X	X	X		X	X	X	X				
X																X	KQW	333	500	San Jose	X	X	X	X	X	X						
X	X	X	X	X	X	X	X					X	X	X	X	X	KTAB	303	1000	Oakland		X	X		X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X					X	X	X	X	X	KFRC	268	500	San Francisco	X	X	X		X	X	X	X	X	X	X	
X	X																KFUS	256	50	Oakland					X	X						
			X													X	KRE	250	100	Berkeley												
			X	X													KFWI	250	500	San Francisco	X	X	X		X	X	X	X				
																	KZM	240	100	Oakland		X										
																	KM	234	50	Fresno					X	X	X	X				
<b>NORTHERN AND WESTERN STATES</b>																																
X	X	X															WOW	526	1000	Omaha												
X	X	X		X	X												KGW	491	1000	Portland	X	X	X	X	X	X	X	X	X	X	X	
X	X		X									X					WBAP	476	1500	Fort Worth												
			X	X													KFOA	464	1000	Seattle		X										
			X	X													CPAC	435	2000	Calgary		X	X	X								
																	KFFF	422	1000	Denver	X	X	X	X	X	X	X	X	X	X	X	
X	X	X						X	X								XKJR	384	20M	Seattle		X					X	X	X	X	X	
																X	KLZ	384	500	Denver	X	X	X	X								
X			X	X	X											X	KVOO	376	1000	Bristow, Okla.	X	X							X	X	X	
X	X	X	X													X	KOA	322	5000	Denver		X	X	X	X	X						
			X	X								X	X				KOIN	319	1000	Portland	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	KOMO	308	1000	Seattle	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	X	
																	KOWW	280	500	Walla Walla		X				X	X	X	X	X	X	
X	X		X														KOAC	280	500	Corvallis, Ore.		X	X	X	X							
X	X		X														KFWH	254	100	Eureka					X	X	X	X				
X	X																KMO	250	500	Tacoma					X	X	X	X				

Hours shown as submitted by their stations. For DX Schedules see Page 86

WHEN YOU BUY THAT NEW SET, INSIST  
THAT YOUR DEALER INCLUDE

# WESTINGHOUSE



## Radio "A" Autopower

A combination of "A" battery and charger in one convenient unit, both four and six volt sizes. Just plug it into a light socket. Works automatically. Gives wonderfully smooth even flow of current. Noiseless — non-pulsating — absolutely without hum.

A Westinghouse invention — entirely new. Practically indestructible. No tubes. No replacements. No liquids in charger. No special wiring.

*Ask Your Dealer for Demonstration*

Southern California Distributors

## Harry W. Harrison, Inc.

848 South Flower St.

Phone TRinity 9777

ILLINOIS ELECTRIC CO.

ALSO

SHERMAN, CLAY & CO.

315 S. San Pedro St.

944 Santee St.

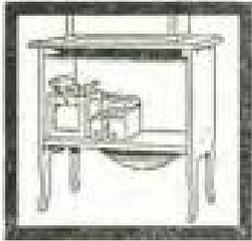
LOS ANGELES, CALIFORNIA

# THURSDAY TIME TABLE

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

10-12 A.M.		12-2 P.M.		2-4 P.M.		4-6 P.M.		STATIONS				6-8 P.M.		8-10 P.M.		10-12 P.M.																										
10-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-1:00	1:00-1:30	1:30-2:00	2:00-2:30	2:30-3:00	3:00-3:30	3:30-4:00	4:00-4:30	4:30-5:00	5:00-5:30	5:30-6:00	CALL	Wave Length Meters	Power in Watts	STATION	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00											
<b>SOUTHERN CALIFORNIA</b>																																										
										X	X	KFI	687	4000	Los Angeles				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
		X	X													X	X	KFCR	413	500	Santa Barbara					X	X															
																		X	X	KHJ	605	500	Los Angeles			X	X	X	X	X	X	X	X	X	X	X	X					
																		X	X	KMIC	387	500	Inglewood			X	X	X	X	X	X	X	X	X	X	X	X					
		X	X															X	X	KFBC	288	50	San Diego				X	X	X	X	X	X	X	X	X	X	X					
X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	KMTR	370	500	Hollywood			X	X	X	X	X	X	X	X	X	X	X	X	X	X			
X	X	X		X		X	X	X										X	X	KNX	337	750	Los Angeles			X	X	X	X	X	X	X	X	X	X	X	X	X	X			
		X	X					X	X									X	X	KGER	325	100	Long Beach			X	X															
						X												X	X	KPSN	316	1000	Pasadena			X	X			X	X	X										
		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	JAMB	301	100	Tia Juana, Mex.																			
		X	X															X	X	KFWC	295	100	San Bernardino							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	X							X	X	KFSG	275	500	Los Angeles			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
																		X	X	KWTC	253	250	Santa Ana			X	X		X	X	X	X										
				X	X													X	X	KFWB	252	500	Hollywood			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
										X	X							X	X	KFSD	245	1000	San Diego			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
								X	X		X							X	X	KNRC	238	1000	Santa Monica			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X		X			X	X	X	X	X	X	X	X	X	X	X	X	KFOM	228	750	Long Beach			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
				X	X													X	X	KFQZ	225	500	Hollywood			X	X	X	X	X	X	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	X	X		
																		X	X	KFVD	205	500	Venice					X	X	X	X	X	X	X	X	X	X	X	X	X		
<b>NORTHERN CALIFORNIA</b>																																										
																		X	X	KFBK	625	100	Sacramento			X	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	X	X	X	X	X	KKPD	425	1000	San Francisco			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
		X	X	X														X	X	KYA	400	1000	San Francisco			X	X							X	X							
		X	X	X	X	X												X	X	KKGO	381	4500	Oakland			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
X																		X	X	KOW	333	500	San Jose			X	X	X	X	X	X											
																		X	X	KYAB	303	1000	Oakland			X	X															
																		X	X	KSMR	283	100	San Marin			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	KKFR	259	500	San Francisco			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		X																X	X	KRE	258	100	Berkeley					X	X	X	X											
X	X		X			X												X	X	KFWH	254	100	Eureka					X														
				X	X													X	X	KFWI	250	500	San Francisco			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
																		X	X	KZM	240	100	Oakland			X																
																		X	X	KMJ	234	50	Freese							X	X											
																		X	X	KFQU	231	250	Holy City Calif					X	X													
<b>NORTHERN AND WESTERN STATES</b>																																										
X	X	X		X	X												X	X	KOW	481	1000	Portland			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
X			X	X													X	X	XWBAP	678	1500	Fort Worth			X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
			X	X	X												X	X	KFOA	454	1000	Seattle			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
		X	X															X	X	CFAC	438	2000	Calgary			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	
						X	X											X	X	KHO	384	1000	Spokane			X	X			X	X											
X	X	X																X	X	KJR	384	20M	Seattle			X			X	X	X	X	X	X	X	X	X	X	X	X	X	
	X	X						X	X									X	X	KOIN	318	1000	Portland			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	XKOMO	308	1000	Seattle			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	X	X	X	X				X	X	X	X							X	X	KOA	322	5000	Denver																			
																		X	X	KSL	300	1000	Salt Lake City			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
																		X	X	KOWW	283	500	Walla Walla			X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
																		X	X	KFJR	283	50	Portland					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X					X	X	X	X									X	X	KMO	250	500	Tacoma			X	X															

Hours Shown as Submitted by These Stations. For DX Schedule see Page 46



Rear view above shows large compartment with ample space for batteries, battery charger, or battery eliminator, which are entirely concealed from view. Back is open for ventilation of batteries.



(Pat. Applied For)

Model 200, with 22-inch Cone Loudspeaker

This Windsor Cone Loudspeaker Console is equipped with a 22-inch Windsor Cone Loudspeaker. Its top is 28 in. x 17 in. and is 29 in. high. The battery shelf provides ample space for batteries, charger, battery eliminator and other equipment. Beautifully finished in either Mahogany or Walnut color.



Above is shown the Cone Loudspeaker, with its Panel, which is quickly and easily removable, allowing access to all batteries, battery charger, battery eliminator, or other equipment and wiring.

Model 200

\$35

Console with Cone Loudspeaker Ready for Set and Batteries

# A Revelation in Radio Reproduction

Model 210  
22-inch Cone Loudspeaker with Panel and easel back

\$18<sup>00</sup>



(Pat. applied for)

beauty, just as it entered the microphone.

...

This 22-inch Windsor Cone Loudspeaker will reproduce the softest crooning lullaby in a softly lighted room, or the full throated march music of a band in an auditorium—both with perfect fidelity of sound and tone. The Windsor Cone Loudspeaker Console is the greatest value in the world of radio. When compared with the average cost of cone-type loudspeakers of even similar size, the cost of the complete Windsor—cone loudspeaker and console—is amazingly low.

...

The Windsor Cone and Horn Loudspeakers, combined with attractive pieces of furniture in many models, are being demonstrated by recognized dealers everywhere. Go to your dealer today and examine this astonishing new Cone Loudspeaker Console. If he happens not to have one, write to us and we will tell you the name of the nearest store at which you can see and hear one.

...

## NOTE TO DEALERS

Write or wire today for details of the highly profitable Windsor selling line.

At last—a cone loudspeaker that reproduces all the tones as they are broadcast. From the deep voiced tuba of an orchestra to the softest note of a vocal solo—every tone—every sound is reproduced in all its

As a piece of furniture, the Windsor Cone Loudspeaker Console is of such manifest high quality and attractive design as to be a welcome addition to any home. Finished in Mahogany or Walnut color.

## WINDSOR FURNITURE CO.

World's Largest Manufacturers and Originators of Loudspeaker Consoles

1420 Carroll Avenue, Chicago, Illinois

Los Angeles Branch: 917 Maple Avenue

R. D. 23

WINDSOR FURNITURE COMPANY,  
Electrical Department,  
917 Maple Ave., Los Angeles.

Send me FREE and without obligation circulars of the Windsor line of Cone and Horn Loudspeakers combined with pieces of furniture, and name of nearest dealer.

Name.....  
Address.....  
Dealer's Name.....  
City.....State.....





*The Original*

# Nathaniel Baldwin CONSOLE GRAND REPRODUCER



This reproducer, employing the new scientific long air column principle, for true reproduction of the full tone range, is the latest development of the combined laboratory efforts of the Nathaniel Baldwin Co. of Salt Lake City and Newcomb-Hawley Co. of Chicago.

It is said by musical critics to be the best they have ever heard. Baldwin Dealers will find their prestige increased still further by the addition of this wonderful speaker to their present Baldwin stock.

Deliveries can now be obtained through regular jobbers and dealers.

*Southern California Distributors:*

**MYERS ELECTRIC CO.**  
1727 S. Los Angeles St.  
Los Angeles, Calif.  
Westmore 5411

**DANIEL SPECIALTY CO.**  
5234 Melrose Avenue  
Los Angeles, Calif.  
HEmpstead 3491

*Pacific Coast Representatives:*

## KEELER WHITE CO.

LOS ANGELES    SAN FRANCISCO    SEATTLE  
211 S. San Pedro    509 Mission    409 Occidental



# SATURDAY TIME TABLE

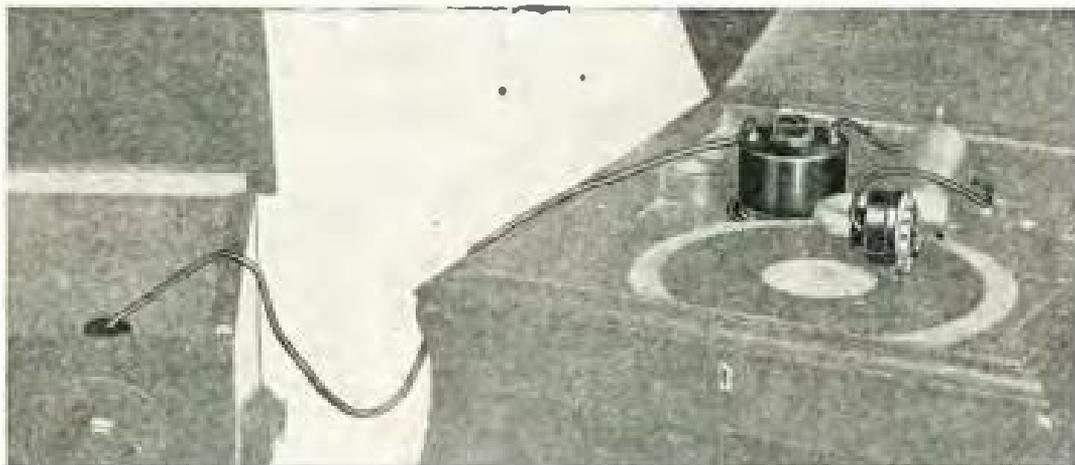
ALL TIME TABLES ADJUSTED TO PACIFIC TIME  
(X) Indicates Station is On the Air

10-12 A.M.		12-2 P.M.		2-4 P.M.		4-6 P.M.		STATIONS				6-8 P.M.		8-10 P.M.		10-12 P.M.																																			
10 00-10 30	10 30-11 00	11 00-11 30	11 30-12 00	12 00-12 30	12 30-1 00	1 00-1 30	1 30-2 00	2 00-2 30	2 30-3 00	3 00-3 30	3 30-4 00	4 00-4 30	4 30-5 00	5 00-5 30	5 30-6 00	CALL	Wave Length Meters	Power in Watts	STATION	6 00-6 30	6 30-7 00	7 00-7 30	7 30-8 00	8 00-8 30	8 30-9 00	9 00-9 30	9 30-10 00	10 00-10 30	10 30-11 00	11 00-11 30	11 30-12 00																				
<b>SOUTHERN CALIFORNIA</b>																																																			
																X KFI	467 4000	Los Angeles	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X														
		X	X													X KFCR	413 500	Santa Barbara							X	X																									
																X KHJ	405 500	Los Angeles		X	X			X	X	X	X																								
																X KMIC	387 500	Inglewood	X	X	X	X	X	X	X	X	X	X																							
X	X	X														X KFBC	389 50	San Diego						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X												
X																X KMTR	370 500	Hollywood	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X												
X																X KNX	337 750	Los Angeles	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X												
																X KPSN	316 1000	Pasadena	X	X				X	X	X																									
																X JAMB	301 100	Tia Juana, Mex.																																	
																X KSMR	283 100	Santa Maria						X																											
X	X	X	X													X KFSG	275 500	Los Angeles		X	X			X	X	X	X	X	X																						
																X KWTC	263 250	Santa Ana	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
																X KFWB	252 600	Hollywood	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X									
																X KFSD	249 1000	San Diego	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X									
																X KNRC	228 1000	Santa Monica	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
X	X	X	X													X KFON	223 750	Long Beach	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X									
																X KFQZ	226 800	Hollywood	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
																X KFYF	214 25	Oxnard, Calif.	X																																
																X KFWO	211 250	Catalina	X	X	X	X																													
																X KFVD	205 500	Venice							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
<b>NORTHERN CALIFORNIA</b>																																																			
																X KFBK	535 100	Sacramento						X	X	X	X	X																							
																X KLX	508 500	Oakland					X																												
X																X KPO	428 1000	San Francisco	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
																X KYA	400 1000	San Francisco		X	X																														
																X KGO	361 4000	Oakland							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
X																X KQW	333 500	San Jose	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
																X KTAB	303 1000	Oakland						X																											
																X KFRC	268 500	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					
																X KRE	258 100	Berkeley																																	
																X KFUS	256 50	Oakland						X	X																										
																X KZM	240 100	Oakland						X																											
																X KMJ	234 50	Fresno																																	
																X KFQU	231 250	Holy City, Calif.																																	
X	X															X KFWH	225 100	Eureka																																	
<b>NORTHERN AND WESTERN STATES</b>																																																			
X	X	X														X KGW	491 1000	Portland	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
																X KFOA	484 1000	Seattle						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
																X KF XF	422 1000	Denver						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
																X CKCD	419 2000	Vancouver, B. C.																																	
X																X KHQ	394 1000	Spokane	X	X																															
X	X	X														X KJR	384 20M	Seattle	X																																
																X KLZ	384 500	Denver																																	
X	X	X	X													X KOA	322 2000	Denver																																	
X	X	X														X KOIN	319 1000	Portland	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X KOMO	306 1000	Seattle	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
																X KSL	300 1000	Salt Lake City	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
																X KFR	283 50	Portland																																	
X	X															X KMD	250 500	Tacoma	X	X																															

Hours Shown as Submitted by These Stations. For DX Schedule see Page 46

# ELEC-TRU-TONE

## THE PHONOGRAPH MODERNIZER



### YOUR RADIO SET

All the new Victor, Columbia and Brunswick records are recorded electrically. Every note of every instrument is recorded in its proper volume. Fortunes were spent in perfecting the methods.

But the old phonographs will not reproduce all that is recorded. Most of the charm is lost.

To get the full benefit of the new records, electric reproducing phonographs already contain most of the parts embodied in these new electric machines. The ELEC-TRU-TONE supplies all the rest in readily attachable form.

But your radio set and old phonograph already contain most of the parts embodied in these new electric machines. The Elec-tru-tone supplies all the rest in readily attachable form.

### YOUR PHONOGRAPH

**TONE**—so life-like it will thrill you

**BASS**—full and resonant

**PLENTY VOLUME**—controllable to a whisper

*Sold by dealers that want you to get double use from your radio set.*

*Manufactured by*

**The Elec-tru-tone Corp., Hibernian Bldg., Los Angeles**  
Phone MAin 3843

*Distributed Nationally by*

**Baker-Smith Co., Inc., Call Bldg., San Francisco**

*California Jobbers*

**THE ELECTRIC CORP.**  
1050 Santa Street  
Los Angeles

**YALE RADIO ELEC. CO.**  
1111 Wall Street  
Los Angeles

**ELECTRIC SUPPLY CO.**  
370 Eleventh Street  
Oakland

**KIERULFF & RAVENSCROFT**  
645 Howard Street  
San Francisco

**COAST ELECTRIC CO.**  
744 G Street  
San Diego

# Schedule of DX Stations

Call Letters	Location	W. L. Meters	Power Watts	Schedule of Concert and Dance Music
WBBM	Chicago	226	1500	Daily except Mon. and Fri., 6 to 10 p. m.
WIBO	Chicago, Ill.	226	1000	Mon., 4 to 6 p. m.; Fri., 10 to 12 p. m.
WOWO	Ft. Wayne, Ind.	227	1000	Wed., 5:15 to 10 p. m.
KUT	Austin, Texas	231	500	Mon., Wed., 6 p.m.; Sun., 9 a.m.-1:30 p.m.
WHT	Chicago	238-400	3500	Daily except Sun. and Mon., 8 to 10 p. m.
WWAE	Plainfield, Ill.	242	5000	Daily except Sun., 7 to 10 p. m.
WOOD	Grand Rapids	242	1000	Fri. and Sat., 7 to 10 p. m.
WBAL	Baltimore	246	1000	Mon., Tues., Thurs., Fri., 5 to 9 p. m.
WRVA	Richmond, Va.	256	1000	5:30 to 8 p. m.
WKAF	Millwaukee, Wis.	261	5000	Mon., Wed., and Fri., 8 to 9 p. m.
WCAR	San Antonio, Texas	263	6000	Daily except Sun., 6 to 8 p. m.
WENR	Chicago, Ill.	266	1000	Daily except Sun. and Mon., 6 to 7 p. m.
WQHB	Clearwater, Fla.	266	500	Daily except Sun., 5:30 to 7 p. m.
WGHP	Detroit	270	1500	Wed., 6 to 7 p. m. Thurs. and Fri., 7-9 p.m.
KGU	Honolulu	270	500	Thurs., Fri., Sun., 10 to 11:30 p. m.
WHK	Cleveland, Ohio	273	1000	Daily except Sun., 3:30 to 4:30 p. m.
WORD	Chicago, Ill.	275	5000	Thurs. and Sat., 6 to 8 to p. m.
WGBU	Tulford, Fla.	278	500	Daily except Sun., 5 to 10 p. m.
KFAU	Boise, Idaho	280	750	Thurs., 8 to 10 p. m.
KMOX	St. Louis	280	5000	Daily except Thurs., 1 to 9 p. m.
W8M	Nashville, Tenn.	282	1000	Mon., Wed., Sat., studio concert 8-10 p. m.
WMBF	Miami Beach, Fla.	284	5000	Daily, 4 to 5:30 p. m.; 7 to 11 p. m.
WAIU	Columbus, Ohio	294	750	Fri., 4 to 7 p. m. Mon., 6 to 8 p. m.
KPRC	Houston	297	500	Sat. and Wed., 8 to 10 p. m.
WPG	Atlantic City	300	500	Daily, 6 to 8 p. m.
WGN	Chicago	303	1000	Daily except Sun., 8 to 9 p. m.
WLIB	Chicago	303	4000	Daily except Sun., Mon., Wed., 9 to 11 p.m.
KOIL	Council Bluffs	306	500	Daily except Sun. and Wed., 4 to 9 p. m.
KDKA	Pittsburgh	309	1000	Daily ex. Sun. 3 to 8:30 p.m. Sun. 3 to 6 p.m.
WGR	Buffalo	319	750	Mon. and Fri., 6 to 10 p. m.
WKRC	Cincinnati	326	1000	Sun., Tues., Thurs., Sat., 8 to 10 p. m.
WSAI	Cincinnati, Ohio	326	5000	Tues., 3:30 to 8 p. m.; Sat., 5 to 8 p. m.
WJAZ	Chicago, Ill.	330	1500	Sun., 4 to 6 p.m.; Tues., Fri., Wed., 6-9 p.m.
WBZ	E. Springfield, Mass.	333	2000	Daily except Sun., 5:30 to 7:30 p. m.
KFAB	Lincoln, Neb.	341	1000	Mon., Tues. and Wed., 6:10 to 8:30 p. m.
WCBD	Zion, Ill.	345	5000	Tues., Thurs., 6 to 8:30 p. m.
WLS	Chicago	345	5000	Wed., Fri., Tues., 4 to 10 p. m.
WWJ	Detroit	353	1000	Daily except Sat. and Sun., 4 to 5 p. m.
CFCA	Toronto	356	2000	Wed., 8 to 9 p. m.
WHB	Kansas City	366	500	Sun., 8 to 11 p. m. Tues., 5 to 8 p. m.
WDAF	Kansas City	366	1000	Daily except Sunday., 9:30 to 11 p. m.
WJJD	Mooseheart, Ill.	370	1000	Daily except Sun., Mon., 6 to 7, 8 to 9 p.m.
KFBU	Laramie, Wyo.	375	500	Mon., Wed., Fri., 8 to 10 p. m.
KVOO	Briston, Okla.	375	1000	Daily except Sun., 9 to 11 p. m.
KTHS	Hot Springs, Ark.	375	1000	Daily 7 to 9:30 p. m.
WHAZ	Troy, N. Y.	379	1000	Mon., 5 to 7:30 p. m.
WYG	Schenectady	380	5000	Daily except Sun., 3 to 9 p. m.
WEAR	Cleveland, Ohio	389	1000	Tues., Thurs. and Fri., 4 to 8 p. m.
WTAM	Cleveland, Ohio	389	1000	Daily except Sun., 3 to 9 p. m.
PWX	Havana	400	1000	Daily except Thurs., 5 to 8 p. m.
WJY	New York, N. Y.	405	5000	Fri., 4:30 to 8:30 p.m.; Sun., 5 to 7:30 p.m.
CYJ	Mexico City, Mexico	410	1000	Daily except Sun., 7 to 8 p. m.
CFCF	Montreal	411	2000	Mon. and Fri., 6:30 to 8:30 p. m.
CKAC	Montreal	411	1500	Tues. and Thurs., 6 to 9 p. m.
KFQB	Ft. Worth, Texas	412	2500	Daily except Sun. and Wed., 6 to 10 p. m.
WCCO	St. Paul, Minn.	416	5000	Wed., 12:30 to 9:30 p. m.
KFXF	Denver	422	500	Mon., Tues., Sat., 7:30 to 9:30 p. m.
WLW	Cincinnati	422	5000	Sat., 5 to 6 p. m. Mon., 6 to 8 p. m.
WSB	Atlanta, Ga.	428	1000	Dly. ex. Sun., 6-7 p.m.; ex. Wed., 8:45-10 p.m.
AT9	Fort Bragg, N. C.	434	750	Tues., Thurs., Sat., 5 to 7 p. m.
NAA	Arlington, Va.	435	1000	Wed., 4:45-5 p. m.; Fri. 5:45-6:20 p. m.
WQJ	Chicago	447	500	Daily except Sun. and Mon., 9 to 12 p. m.
WMAQ	Chicago, Ill.	448	1000	Daily except Sun. and Mon., 6 to 8 p. m.
WJZ	Boundbrook, N. J.	454	5000	Daily except Sun., 1 to 3 p. m.
WBAP	Ft. Worth, Texas	476	5000	Mon., Wed. and Fri., 9 p. m. Popular prog.
CYL	Mexico City	480	1000	Sun., Tues., Fri., 8 to 9 p. m.
WEAF	New York City	491	5000	Daily except Sun., 3 to 9 p. m.
WOO	Philadelphia	508	500	Daily, 4:30 to 5:30 p. m.
WCX	Detroit	517	5000	Daily except Sat. and Sun., 4 to 8 p.m.
WOW	Omaha	526	1000	Tues. and Thurs., 4 to 9 p. m.
WNYC	New York, N. Y.	526	1000	Daily except Sun., 3 to 8 p. m.
WHO	Des Moines	526	5000	Daily except Sat. and Wed., 9 to 10 p. m.
KYW	Chicago	536	3500	Daily except Sun. and Mon., 8 to 9:30 p. m.
KSD	St. Louis	546	500	Thurs., Fri. and Sat., 7 to 9 p. m.

Hours Shown as Submitted by These Stations Adjusted to Pacific Standard Time

Crosley's 6-Tube Batteryless Radios—Childs Lab., 1187 W. 24th

# BOSCH RADIO

## Imperial Cruiser

The Bosch Cruiser chassis in a new decorative creation of full walnut. Its plain, rich beauty of design and workmanship is in perfect taste in any surrounding.



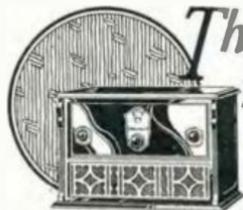
**Reiman Wholesale Electric Co.**

218 to 228 East Third St.

Los Angeles

MEtropolitan 4280

WHOLESALE ONLY



Model 350—\$115.00  
with built-in Reproducer—

# The New Stewart-Warner 6-Tube receiver

with separate or enclosed reproducer

This six-tube, single-dial-control receiver is, we believe, one of the best "dollar-for-dollar" radio values ever manufactured. The cabinet work beautifully "fits in" as a part of the furnishings of even the most tastefully furnished rooms. The performance of both the receiver and reproducer leaves absolutely nothing to be desired. . . . tone, volume, and selectivity are remarkably present to the highest degree.

This noteworthy radio value can be purchased from any of the Stewart-Warner dealers listed in this advertisement on very easy terms. Ask your dealer to also demonstrate the National Home

### Los Angeles Dealers

ATWATER RADIO & ELEC. CO.  
3236 Glendale Blvd.  
DEAN K. BARRIS  
2016 R. Vermont Ave.  
BENSON HARDWARE COMPANY  
418 South Broadway.  
BIRDS & BUSHARD  
1171 W. Adams St.  
HOLLYWOOD RADIO SHOP  
107 South Figueroa St.  
DRAPMAN HOUSE SALES CO.  
3714-15, Figueroa St.  
CLIFF'S RADIO SERVICE  
2628 Durkin Ave.  
DOD FISHLE  
2391 West Jefferson  
A. W. COOPER  
1213 W. 2nd St.  
FRANK W. HANBROUCK  
831 R. Vermont  
HARRY SAVOY  
828 W. Jefferson St.  
HOLLAND ELECTRIC SHOP  
3622 Broadway Ave.  
HIDLEY RADIO & BIKE HOUSE  
817 South Main St.  
HINES RADIO  
782 South Broadway  
INTERPHONE ELECTRIC CO.  
5519 North Vero St.  
LEVINSON'S BELGRADE RADIO  
SHOP, 6126 Melrose Ave.  
MANHESTER RADIO CO.  
1832 E. Manchester Ave.  
MONAWK BAY & RAD. CO.  
3112 Sunset Blvd.  
MILBURN & NELSON  
1250 Avalon Blvd.  
NORTON & NORTON  
2211 W. Broadway  
POTTER RADIO SALES CO.  
1817 W. 5th St.

CHAS. A. ROBINSON  
4908 S. Normandie  
RADIO ELECTRIC SHOP  
170 R. Vermont Ave.  
C. DUBBER  
4137 Pasadena Ave.  
SOUTHWEST ELECTRIC &  
RADIO CO., 267 W. Vermont Ave.  
THAYER ELECTRIC CO.  
2206 Whittier Blvd.  
ARROYO GRANDE, J. B. TRUITT  
Avery Grade Plumbing and  
Refriger Shop  
VISAGE RADIO AND ELEC. CO.  
4745 Whittier Blvd.  
WEST STATES ELECT. CO.  
1151 South Broadway

### Hollywood Dealers

BARRON & CONKRIGHT  
2424 Sunset Blvd.  
DORAN'S ELECTRIC SHOP  
715 Sunset Blvd.  
DORAN'S ELECTRIC SHOP  
940 Santa Monica Blvd.  
SLOW ELECTRIC CO.  
2018 Hollywood Blvd.  
H. D. NATFIELD & SON  
1783 N. Vermont Ave.  
MELROSE RADIO SHOP  
2606 Melrose Ave.

### Southern California Dealers

ALABAMA, Lokey & Franklin  
94 W. Main.  
ANAKIN, Bennett's Radio Shop  
220 E. Union St.  
ARTER & Wm. S. Hayes  
226 W. Main St.  
BARTON, Barton Radio Shop

BELFLOWER, Stewart-Warner  
Radio Shop  
Pacific and Marine Sts.  
BEEB, Bennett's Radio Shop  
130 E. Pomona Ave.  
CALEXICO, City Electric Co.  
212 Second St.  
CHATEAUVILLE, C. H. Proctor & Son  
CRIBB, Woods Radio Company  
412 North  
CHULA VISTA, Imboco & Proctor  
517 Third Ave.  
COLTON, H. C. Bibe  
528 S. Seventh St.  
COBPTON, Model Electric Co.  
132 E. Main St.  
CORONADO, Coronado Radio Shop  
1011 Grand Ave.  
COWLEY, Harold R. Houser  
112 Colton St.  
CULVER CITY, Outer City Radio &  
Elec. Co.  
8715 Washington Blvd.  
EAGLE ROCK, Warner & King  
615 Eagle Rock Blvd.  
EL CENTRO, Shurts & Son  
Berwitts and Main St.  
EL VERDE, B. W. McArthur  
110 Grand Ave.  
EL MONTE, Warner & King  
1111 Monte Etna Co.  
ENCINITAS, Leo & Rocco

ESCONDIDO, District's Electric Shop  
112 E. Main  
GARDENA, Don Sowers  
725 W. 180th St.  
GLENDALE, Alexander Radio Shops  
Alexander Theatre Arcade  
2102 N. Grand Blvd.  
GLENDALE, Wilford Holman  
(Broadway Etna.)  
302 E. Broadway  
GLENORA, James H. Reed  
HERNDON BEACH, Ross Radio Store  
200 Cumber Road  
HUNTINGTON PARK, H. L. (Radio)  
112 E. Irvington St.  
LYNDHURST, Van & Jackson  
"MELROSE, R. D. Aylesworth  
111 W. Market St.  
LA JOLLA, Redding & White  
7425 La Jolla Blvd.  
LA MECA, La Meca Radio Studio  
LANGASTER, E. A. Kauf  
RIMPOF, Griffith Bros.  
LINE PINE, Griffith Bros.  
LONG BEACH, Alday & Cressall  
1119 American Ave.  
LONG BEACH, The Electric  
Shop  
1719 E. Anaheim  
LONG BEACH, Harold A. Nichols  
116 1/2 State St.

LONG BEACH, W. L. Harrell  
740 Pico St.  
LYNWOOD, Lynwood Elec. Co.  
204 N. Long Beach Blvd.  
NEWARK, G. E. Graham  
OCEAN PARK, Crescent Tire and  
Supply Co.  
Ray and Main Sts.  
OCEANVIEW, Dudley L. Aze  
Seventh St.  
OBERLIN, Sam Das Lomas  
112 N. Diamond St.  
PACIFIC BEACH, James R. Ramsey  
PALME, Brugh Radio Elec. Co.  
1294 Washington Blvd.  
PASADENA, Wroblek & Verrinder  
1417 North Lake St.  
PASADENA, Premier Radio  
11 California St.  
PASADENA, Premier Radio Co.  
Alhambra City Bldg.  
PARADISE, DeVille Radio  
Laboratory  
3641 Broadway  
944 North Colorado Ave.  
PASO ROBLES, R. C. Houston  
PICO, Pop Radio Shop  
POMONA, George W. Sietz  
183 E. Third St.  
REDWOOD, L. & L. Sells Co.  
210 Diamond St.  
REDLANDS, J. L. Young  
166 W. Citrus Ave.

RIVERSIDE, Frank W. Chaney  
592 Market St.  
SAN BERNARDINO, Gurr, Smith  
& Co. Buys  
430 Fourth St.  
SAN DIEGO  
"Radio Radio"  
1241 25th St.  
"Radio Radio"  
2222 University Ave.  
Blair St., Dutton  
San Diego  
Boy N. Parsoner  
2720 Main Street Ave.  
SAN FERNANDO, White Bros  
SAN LUIS OBISPO, Chas. Etna, Co.  
900 Monterey St.  
SAN PEDRO, San Pedro Ferry Co.  
222 W. State St.  
SANTA ANA, Shaler's West Store  
410 N. Main St.  
SANTA BARBARA, Val Felger  
733 State St.  
SANTA MARIA, Ford & Smart  
112 E. Main St.  
SANTA MONICA, J. S. Sells  
232 1/2 Whittier  
SANTA PAULA, The Music Shop  
101 W. Main St.  
SATCOW, N. H. Wright  
North and D Sts.  
TAFT, L. H. Bird  
616 Center St.  
TONGAH, NEVADA  
Tombach Electric Company  
UPLAND, Jay M. Ross  
VENICE, Stewart-Warner Radio  
Shop  
1628 Washburn Ave.  
WALNUT PARK, Terminal Electric  
1404 Santa St.  
WESTMINSTER, Harlow Engel  
WHITTIER, H. O. Okham  
120 S. Goodwood  
WILMINGTON, S. P. Channing  
712 W. Anaheim St.



Model 345—\$82.50 with the  
New Model 415 Reproducer—\$31.50

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### DAILY EXCEPT SUNDAY—

5:30 p. m.—Musical Program

6:15 p. m.—Radiotorial

6:30 p. m.—Vest Pocket

### MONDAY, WEDNESDAY AND FRIDAY—

KFI Women's Interest Dept. Under the Direction of Agnes White.

10:00 to 10:20 a. m.—Talk on Face and Scalp Hygiene by Georgia O. George.

10:20 to 10:40 a. m.—Furnishings for the home by Agnes White, director of the Dept.

10:40 to 11:00 a. m.—Betty Crocker—Gold Medal Flour Home Service Talks.

11:10 to 11:30 a. m.—Food talks by Agnes White.

### WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

#### SUNDAY, FEBRUARY 20—

10:00 a. m.—Morning service under direction of Los Angeles Church Federation.

2:45 p. m.—San Francisco Symphony Orchestra, Alfred Hertz conductor, broadcast simultaneously by KFI, Los Angeles; KFO, San Francisco, and KGO, Oakland. Given by the Standard Oil Company of California.

6:00 p. m.—Program by Russian Academy of Musical Art Trio—Beris Myronoff, piano; Misch Spiegel, violin; Alex Barrioff, cello.

6:30 p. m.—Father Ricard's sunspot weather forecast.

7:00 p. m.—Aeolian Organ recital, Alex Kelly at the console; Mrs. Edward C. Crossman.

8:00 p. m.—Packard Classic Hour, featuring Sylvia Zeltion Rosenthal, concert pianist; Kitty Short, soprano, and Lilyan Ariel, accompanist.

9:00 p. m.—Bob Hottger and his Venetian Dance Orchestra; Lois Whittemon and Winnie Parker, harmony singers.

10:00 p. m.—Packard Star Orchestra, Bill Hennessy director; Dolly MacDonald, blues singers, and Esther Walker, pianist.

#### MONDAY, FEBRUARY 21—

7:00 p. m.—Harmony Twins, uke and guitar, and the Starke Sisters (Minnie and Maude)

8:00 p. m.—Brahms Quartet—Ferenz Steiner, Paul R. Kepner, Matilda Pizant, and La Verne Beal, pianist.

9:00 p. m.—Song recital by William Pucher, tenor, with Lilyan Ariel, pianist.

10:00 p. m.—Program by Melikjohn Bros.

#### TUESDAY, FEBRUARY 22—

9:30 to 10:30 a. m.—Address by President Calvin Coolidge by the National Broadcasting Company, over the National network.

9:30 p. m.—Emil Edwards, violinist; Ruth Raynor, ballads and pianist.

7:00 p. m.—Jack Martin's Hawaiian Trio; Clark Sisters (Ruth and Lillian)

8:00 p. m.—Cattone String Quartet; Gretchen Garrett, soprano.

9:00 p. m.—Mrs. Edward C. Crossman, contralto; Thomas Wallace, baritone

10:00 p. m.—Agave Music Book; Edna Cook

#### WEDNESDAY, FEBRUARY 23—

7:00 p. m.—Ray Fisher's Original Victorians

7:30 p. m.—Nick Harris, Detective stories.

7:45 p. m.—Eugenia Whisenant.

8:00 p. m.—Calpet Male Quartet, Paul Roberts, tenor, and the Calpet Orchestra, Chico De Verde, director, on the California Petroleum Corporation program.

9:00 p. m.—Orline Burrow, violinist; Cleaner Quartet; J. Maurice Woods, baritone

10:00 p. m.—Sunset Instrumental Quartet; Dorothy Hath Miller, concert pianist; Virginia McCoy, contra-contralto.

#### THURSDAY, FEBRUARY 24—

7:00 p. m.—Program by University of Southern California.

8:00 p. m.—KFI Drama Hour; Grace Mead, soprano, and Virginia McCoy

9:00 p. m.—Monrovia High School Girls Little Symphony.

10:00 p. m.—Johnston and Farrells Music Box Hour, direction of Gene Johnston, with Jim Jack, and Gene Trio and soloists.

#### FRIDAY, FEBRUARY 25—

7:00 p. m.—Aeolian Organ recital, Alex Kelly at the console.

8:00 p. m.—Program by Paul Roberts and Leslie Adams in their weekly request program

9:00 p. m.—Program by Alma Frances Gordon, contralto, and Lilyan Ariel, pianist.

10:00 p. m.—Packard Ballad Hour; Harry Rowa, baritone; Ruth and Dolores Palethorpe

#### SATURDAY, FEBRUARY 26—

7:30 p. m.—Scott Blakeley, Scotch comedian.

8:00 p. m.—Mission Bell O Orchestra, Roger Moore director; Will Garroway, concert pianist; James Burroughs, in a program by the Los Angeles Soap Company, broadcast simultaneously by KFI, Los Angeles, and KFO, San Francisco.

9:00 p. m.—Emma Kimmel, soprano; Marco Lanera, tenor; Frank Heller, baritone.

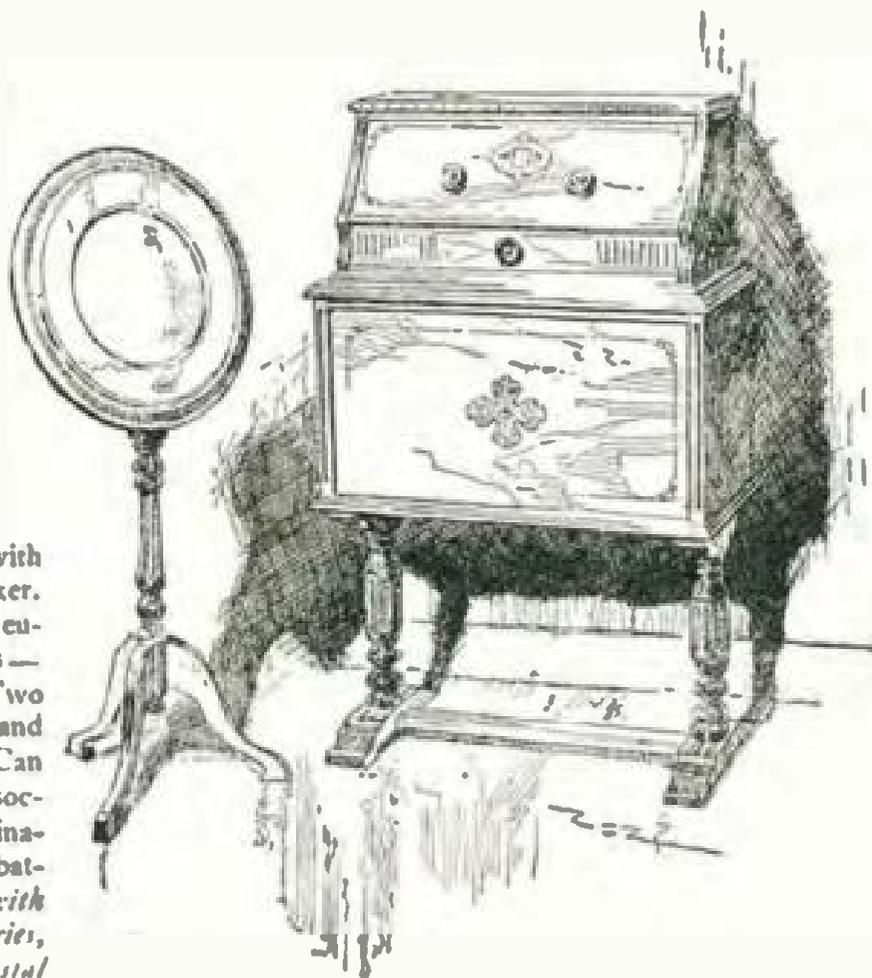
10:00 p. m.—Packard Radio Club; Esther Walker, pianist; Red Wyatt and his uke; LeRoy

11:00 p. m.—KFI Midnight Frolic; Virgil Roy's Winter Garden Orchestra, Mosby's Dixieland Blue Blowers, and soloists.

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WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

### SUNDAY, FEBRUARY 20—

- 10:00 a. m.—Sermon from KHJ studio by Dr. S. D. Hutainpillar, resident minister of Wilshire M. E. Church.
- 10:30 a. m.—Morning service from the First M. E. Church. Sibley Pease, organist.
- 7:00 to 8:00 p. m.—Evening services from the First M. E. Church.
- 8:00 to 10:00 p. m.—News items. Program presenting Frederick MacMurray, viola. Burr McIntosh. "Cheerful Philosopher"; Louise Miller, pianist, and others

### MONDAY, FEBRUARY 21—

Silent all day except for weather report and news items at 8 00 p. m.

### TUESDAY, FEBRUARY 22—

- 2:30 p. m.—Bridge game.
- 6:00 to 6:30 p. m.—KHJ Trio and J. Walter Leopold.
- 6:30 to 7:30 p. m.—Children's program, presenting Queen Titania and her Sandman. Charles D. McRoy's Playground Harmonica Band. Charles Leslie Hill. "Honey Boy"; Baby Jeanette James, 3-year-old reader.
- 7:40 p. m.—H. M. Robertson. "Dogs."
- 8:00 to 9:00 p. m.—Women's Press Club of Southern California
- 9:00 to 10:00 p. m.—Musical program

### WEDNESDAY, FEBRUARY 23—

- 2:30 p. m.—Fred McNabb. "Garden Talk."
- 6:00 to 6:30 p. m.—KHJ Trio and J. Walter Leopold.
- 6:30 to 7:30 p. m.—Children's program: Lots Jane Campbell. "Brown Eyes". Patrick Eccleston. "Little Daffodil"; Vivian Marple. "Blue Bell"; Dick Winslow. Juvenile Reporter; Glenn Fitz. "Optimistic Mascot"; Viola Eaten. "B. B." and others.
- 7:40 p. m.—Dr. Max Baumgardt
- 8:00 to 10:00 p. m.—Studio program.
- 9:00 p. m.—George B. Chase will talk on "The Public Library"
- 9:00 to 10:00 p. m.—Program by Selwyn Harris Studio.
- 10:00 to 11:00 p. m.—Jinnistan Vale Orchestra.

### THURSDAY, FEBRUARY 24—

- 6:00 to 6:30 p. m.—KHJ Trio and J. Walter Leopold.
- 6:30 to 7:30 p. m.—Children's program: Dickie Brandon, reader, June Brandon, contralto. Jeanne DeVaril. "Bonnie Jeanne"; Joyce Cond. "Little Red Riding Hood"; Rosetta Lewis. "Curly Locks"; Billie Moore, 11-year-old reader, and Doris Short, songs.
- 7:40 p. m.—Dr. Philip M. Lovell.
- 8:00 to 10:00 p. m.—News items. Zoellner Quartet; Leo H. Sensiper, Russian baritone; Louise Miller, pianist, talk by Arthur Edwin Wake
- 10:00 to 11:00 p. m.—Glenn Edmunds and his Variety Orchestra.

### FRIDAY, FEBRUARY 25—

- 6:00 to 6:30 p. m.—KHJ Trio and J. Walter Leopold.
- 6:30 to 7:30 p. m.—Children's program: Roberta Bush. "Firefly"; Collins Twins, vocal duets. David Durand. "Little Blue Boy"; Henrietta Poland. "Little Forget-Me-Not"; Richard Headrick. "Little Minister." and Nathan Kleinberger, violinist, and others.
- 8:00 to 9:00 p. m.—Dot Street, soprano; Grace Currey, harpist.
- 9:00 p. m.—International talk.
- 9:00 to 10:00 p. m.—Program by Bob Garrett's Harmony Boys.

### SATURDAY, FEBRUARY 26—

- 6:00 to 6:30 p. m.—KHJ Trio and J. Walter Leopold.
- 6:30 to 7:30 p. m.—Children's program: Nona Clapp. "Sunshine Fairy"; Dolly Wright. "Daisy of Radioland"; Arthur Stevens. "King Arthur"; Marjorie Genevieve Lowe. "June Bug". Clark Paschal, saxophone solo; Bernice Goldman, piano; Garnet Goldman, violinist.
- 8:00 to 9:00 p. m.—News items. Los Angeles Hawaiian Quartet; Mr. and Mrs. Benjamin Sears, old-time fiddler; E. A. Mulford. "Dixie Dan."
- 9:00 to 10:00 p. m.—Popular program.

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### DAILY EXCEPT SUNDAY—

- 8:00 a. m.—Inspirational talk and morning prayer  
8:15 a. m.—Time signals from Washington, D. C. followed by  
Birthday notices.  
9:00 a. m.—Radio Shopping News conducted by Larey Preston  
Rittenmeister.  
10:00 a. m.—Town Crier of the Day and his pals.  
10:30 a. m.—Kate Brew Vaughn, Director Household Economics Dept. Evening Express.  
except Friday and Saturday.  
12:00 noon—Magnavox Radio Orchestra. George Redman, director  
12:30 p. m.—W. F. Alder Travelogue.  
1:30 p. m.—The Book Worm.  
2:00 p. m.—George Redman's Concert Orchestra playing from Leighton's Arcade Cafeteria  
4:00 p. m.—Lost and Found Column.  
4:55 p. m.—Market reports.  
5:00 to 5:45—"Optimist Daily Message."  
5:45 p. m.—The Town Tattler.  
6:00 to 8:30 p. m.—Biltmore Concert Orchestra  
8:30 p. m.—Dinner hour concert, presenting the Yale Radio Battery Orchestra

### WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

#### SUNDAY, FEBRUARY 20—

- 10:00 a. m.—First Presbyterian Church of Hollywood, Rev. Stewart P. MacLennan  
2:00 to 4:00 p. m.—City Park Board musical program.  
4:00 p. m.—Roberts' Golden State Band.  
5:15 p. m.—Wiltshire All-Souls Church.  
6:30 p. m.—Hollywood Unitarian Church.  
7:00 p. m.—First Presbyterian Church of Hollywood, Rev. Stewart P. MacLennan.  
8:00 p. m.—Circle Theater Concert Orchestra and organ recital.  
9:00 to 10:30 p. m.—Los Angeles Flute Club Program.

#### MONDAY, FEBRUARY 21—

- 3:00 p. m.—First Presbyterian Church of Hollywood.  
7:00 p. m.—Birkel Music Company, courtesy program.  
7:30 p. m.—Playlet, courtesy Overall Furniture Company.  
8:00 p. m.—L. W. Stockwell Company, courtesy program.  
9:00 p. m.—B. F. Goodrich Rubber Company of Akron, Ohio.  
10:00 p. m.—KNX Feature program.  
11:00 p. m.—Hotel Ambassador, Gus Arnheim's Coconut Grove Orchestra

#### TUESDAY, FEBRUARY 22—

- 3:00 p. m.—Combined program of Police and Fire Department.  
4:00 p. m.—Radio Matinee, with Louise Howatt, contralto.  
7:00 to 9:00 p. m.—Feature program.  
9:00 p. m.—Western Auto Supply Company, courtesy program.  
10:00 p. m.—Hotel Ambassador, Gus Arnheim's Coconut Grove Orchestra

#### WEDNESDAY, FEBRUARY 23—

- 3:00 p. m.—Paul Hugon.  
4:00 p. m.—Edward Murphy in "What Have you?"  
7:00 p. m.—Birkel Music Company, courtesy program  
7:30 p. m.—Feature program.  
8:00 p. m.—Security Trust & Savings Bank.  
9:00 p. m.—Broadway Department Store program.  
11:00 p. m.—Hotel Ambassador, Gus Arnheim's Coconut Grove Orchestra

#### THURSDAY, FEBRUARY 24—

- 11:00 a. m.—Nature talk, courtesy Marvel Ant Gelatine Company.  
7:00 p. m.—Organ recital, courtesy of the Overall Furniture Company.  
9:00 to 11:00 p. m.—Feature program.  
11:00 p. m.—Hotel Ambassador, Gus Arnheim's Coconut Grove Orchestra.

#### FRIDAY, FEBRUARY 25—

- 3:00 p. m.—Los Angeles District Federation of Women's Clubs musical program  
4:00 p. m.—Boy Scouts' musical program.  
7:00 p. m.—Feature program.  
8:00 p. m.—Davis Perfection Bread Company, courtesy program  
10:00 p. m.—Main event, American Legion Stadium.  
11:00 p. m.—Hotel Ambassador, Gus Arnheim's Coconut Grove Orchestra

#### SATURDAY, FEBRUARY 26—

- 3:00 p. m.—Town Crier of the Day and his Pals.  
7:00 p. m.—Stories of insect life by Harry W. McSpadden.  
7:30 to 10:00 p. m.—Feature program.  
10:00 p. m.—Hotel Ambassador, Gus Arnheim's Coconut Grove Orchestra.  
11:00 p. m.—KNX Frolic from the main studio.

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### DAILY EXCEPT SUNDAY—

12:30 to 1:30 p. m.—Classified Hour.  
 5:40 to 6:00 p. m.—Beauty talk.  
 6:00 to 7:00 p. m.—Pontiac Six Dinner Hour  
 10:00 to 11:00 p. m.—Musical program from Mayfair Hotel.  
 11:00 to 12:00 p. m.—Dance music from El Patio Ballroom.

### MONDAY, TUESDAY AND WEDNESDAY—

5:00 to 5:40 p. m.—Children's Hour.

### WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

#### SUNDAY, FEBRUARY 20—

2:00 to 3:00 p. m.—Organ recital, world's mightiest organ, located in Roosevelt Memorial Park.  
 8:30 to 9:00 p. m.—Program by courtesy of the Southern California Music Company.  
 9:00 to 11:00 p. m.—Warner Bros.' Frolic: Frances St. George, Albert Keglovich, Harmony Girls, Edwin Sonntag, Jackie Lucas, LeRoy Kullberg, Harry G. Kelper and his Mavieland Orchestra.

#### MONDAY, FEBRUARY 21—

7:00 to 8:00 p. m.—Program by courtesy of the J. N. Pyles National Detective Service.  
 8:00 to 9:00 p. m.—Bill Henry, popular songs; Ruth Michelson, blues songs.  
 9:00 to 10:00 p. m.—Charles Beauchamp, tenor; Warner Bros.' European Novelty Orchestra.

#### TUESDAY, FEBRUARY 22—

4:45 to 5:00 p. m.—Dr. L. P. Clark, on "Diet."  
 7:00 to 7:30 p. m.—Program by courtesy of the Southern California Music Company.  
 7:30 to 8:00 p. m.—Warner Bros.' Orchestra.  
 8:00 to 9:00 p. m.—Johnny Harrison, popular songs; Helen Waltenberg, ballads; Dan Santos' Hawaiian Trio.  
 9:00 to 10:00 p. m.—Bryle Colby, Geo. Goodkins, Warner Bros.' String Trio.

#### WEDNESDAY, FEBRUARY 23—

7:00 to 7:30 p. m.—Thirty Minutes of Sunshine, by Charles W. Hamp, for the Iona Company  
 7:30 to 8:00 p. m.—Warner Bros.' Orchestra.  
 8:00 to 9:00 p. m.—LeRoy Kullberg and his ukulele, Virginia King.  
 9:00 to 10:00 p. m.—Inez Mitchell Butler, ballads; Elmer Bramel, tenor.

#### THURSDAY, FEBRUARY 24—

7:00 to 7:30 p. m.—Program by courtesy of the Southern California Music Company.  
 7:30 to 8:00 p. m.—Warner Bros.' Orchestra.  
 8:00 to 9:00 p. m.—Adolph Treusch, popular songs; Ruth Michelson, blues songs.  
 9:00 to 10:00 p. m.—Evalyn Little Shearill, John Rumbles, Warner Bros.' String Trio.

#### FRIDAY, FEBRUARY 25—

7:00 to 7:30 p. m.—Warner Bros.' Orchestra; Inez King, popular songs.  
 7:30 to 8:00 p. m.—Program by courtesy of the La Vina Investment Company.  
 8:00 to 9:00 p. m.—Miss Eddie Graham and her ukulele, Perry Epperson.  
 9:00 to 9:45 p. m.—Melody Makers' period.  
 9:45 to 10:00 p. m.—Studio chatter, followed by daily news.

#### SATURDAY, FEBRUARY 26—

7:00 to 8:00 p. m.—Carl Dye and his Melody Makers; Harry Monahan, popular songs.  
 8:00 to 9:00 p. m.—Program by courtesy of the Mona Motor Oil Company.  
 9:00 to 10:00 p. m.—Leanore Colton, soprano; Charles Beauchamp, tenor.

Program Published as Submitted by the Station

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### DAILY EXCEPT SUNDAY—

- 7:30 to 8:00 a. m.—J. C. Casey in Setting-up Exercises.  
12:00 to 12:30 p. m.—Leighton's Arcade Cafeteria Orchestra.  
1:30 to 2:30 p. m.—Radio Press Hour.  
2:30 to 4:00 p. m.—Palais de Danse.  
4:00 to 4:15 p. m.—Vacation Days.  
5:00 to 5:30 p. m.—Home Hour.  
5:30 to 8:00 p. m.—Leighton's Arcade Orchestra.  
6:00 to 6:15 p. m.—Nightly Doings.  
6:15 to 7:00 p. m.—Duro System Dinner Hour Concert.  
7:00 to 7:30 p. m.—Musical Program.

### WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

#### SUNDAY, FEBRUARY 20—

- 5:30 to 6:15 p. m.—White King Male Quartet, courtesy Los Angeles Soap Co.  
6:00 to 6:15 p. m.—Nightly Doings.  
6:30 to 7:00 p. m.—Lella Castberg's Half Hour, "Enlightened Selfishness"  
7:00 to 8:00 p. m.—Miller's Lafayette Cafe Concert Orchestra  
8:00 to 9:30 p. m.—Concert Period. Jack Cronshaw's Orchestra.

#### MONDAY, FEBRUARY 21—

- 7:30 to 8:00 p. m.—Lavine Investment Company, courtesy program  
8:00 to 9:00 p. m.—Eureka Vacuum Cleaner Company program.  
9:00 to 10:00 p. m.—Precision Electric Company, courtesy program.  
10:00 to 11:00 p. m.—Miller's Lafayette Cafe Dance Orchestra.  
11:00 to 12:00 p. m.—Palais de Danse, with Ralph Markey and his Musical Keys.

#### TUESDAY, FEBRUARY 22—

- 10:00 to 10:15 a. m.—Fifteen Minutes of Sunshine by Charles Hamp.  
10:15 to 10:45 a. m.—Dr. T. J. Coulter, "Dogs and Cats."  
10:45 to 11:00 a. m.—Georgia O. George, "Physiology and Psychology of Beauty"  
11:00 to 12:00 noon—Mme. Alene's Talk.  
7:30 to 8:00 p. m.—Campbell and Ginder courtesy program.  
8:00 to 9:00 p. m.—Maxwell House Coffee Orchestra and assisting artists  
9:00 to 10:00 p. m.—Precision Electric Company, courtesy program.

#### WEDNESDAY, FEBRUARY 23—

- 10:00 to 10:30 a. m.—Dr. Charles Watson, acting pastor of the Hollywood Christian Church  
4:30 to 5:00 p. m.—Dr. Wesley M. Barrett, "Perfect Eye Sight without Glasses"  
8:00 to 9:00 p. m.—Safeway Stores courtesy program.  
9:00 to 10:00 p. m.—Sponsored program.

#### THURSDAY, FEBRUARY 24—

- 10:00 to 10:15 a. m.—Fifteen Minutes of Sunshine by Charles Hamp  
10:15 to 10:45 a. m.—Dr. Paul J. Dorosh, the Diet Question Box.  
7:30 to 8:00 p. m.—Winslow B. Feltz, Chevrolet courtesy program  
8:00 to 10:00 p. m.—Ruth Roland night.

#### FRIDAY, FEBRUARY 25—

- 1:00 to 1:30 p. m.—H. L. Copson Body and Top Works courtesy program  
7:30 to 8:00 p. m.—Thirty Minutes of Sunshine by Charles Hamp.  
8:00 to 9:00 p. m.—Alta Club Ginger Ale program.  
9:00 to 10:00 p. m.—Income Realty and Construction Company courtesy program.

#### SATURDAY, FEBRUARY 26—

- 10:00 to 10:15 a. m.—Charles Hamp, director of Radio activities for the Iona Company  
7:30 to 7:40 p. m.—Sheriff's Office, Bureau of Public Relations  
7:40 to 8:00 p. m.—KMTR Movie Club program.  
8:00 to 10:00 p. m.—Movieland night.

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Los Angeles, Calif.



M. E. CARRIER  
Announcer

## Los Angeles, California—294 Meters

# KTBI

750 WATTS—1020 KILOCYCLES  
BIBLE INSTITUTE OF LOS ANGELES  
MR. M. E. CARRIER, Manager  
PROF. H. G. TOVEY, Director of Programs  
Phone ME. 6701

### DAILY EXCEPT SUNDAY—

8:00 to 8:30 a. m.—Devotional Hour.  
2:00 to 3:00 p. m.—Inspirational Hour.

### DAILY EXCEPT FRIDAY AND SUNDAY—

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

### WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

#### SUNDAY, FEBRUARY 20—

10:30 a. m. to 12:30 p. m.—Regular service of the Church of the Open Door.  
6:00 to 7:00 p. m.—Radio Vesper service. Sermon by Rev. A. S. Reitz.  
7:15 to 8:30 p. m.—Regular evening service of the Church of the Open Door. Sermon by Dr. John McNeill.

#### MONDAY, FEBRUARY 21—

8:00 to 9:00 p. m.—Rev. James H. Hutchins will lecture.

#### TUESDAY, FEBRUARY 22—

8:30 to 9:00 p. m.—Dr. W. E. McCullough will lecture.

#### WEDNESDAY, FEBRUARY 23—

9:00 to 9:30 a. m.—Sylvia's Rainbow Hour.  
8:00 to 9:00 p. m.—Dr. John McNeill will lecture.

#### THURSDAY, FEBRUARY 24—

8:00 to 9:00 p. m.—Rev. A. S. Reitz will lecture.

#### FRIDAY, FEBRUARY 25—

9:00 to 9:30 a. m.—Sylvia's Rainbow Hour.  
8:00 to 9:00 p. m.—Dr. John McNeill will lecture.

*Program Published as Submitted by the Station.*

## Los Angeles, California—275.1 Meters

# KFSG

800 WATTS—1000 KILOCYCLES  
ANGELUS TEMPLE, ECHO PARK. Phone DR. 2560  
AIMEE SEMPLE McPHERSON, Founder, President  
ESSIE BINKLEY, Program Manager  
ESTHER FRICKE GREENE, Organist  
GLADWYN N. NICHOLS, Musical Director & Announcer  
"Four Square Gospel"

### DAILY EXCEPT SUNDAY AND MONDAY—

10:30 to 11:30 a. m.—Sunshine Hour.  
11:30 a. m. to 12:30 p. m.—Noonday Musical.  
8:30 to 7:30 p. m.—Angelus Hour.

### DAILY EXCEPT SUNDAY, MONDAY, WEDNESDAY, SATURDAY—

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

### WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

#### SUNDAY, FEBRUARY 20—

10:30 to 12:30 p. m.—Sunday morning worship. Evangelist A. G. Garr.  
2:30 to 4:30 p. m.—Afternoon Dispensational service by A. G. Garr.  
6:30 to 8:00 p. m.—Musical Hour. Angelus Temple Band and Choir.  
8:00 to 9:00 p. m.—Revival service by A. G. Garr.  
10:00 to 11:00 p. m.—Organ recital by Esther Fricke Greene.

#### TUESDAY, FEBRUARY 22—

3:30 to 4:30 p. m.—Vesper Hour. Organ recital by B. Earnest Ballard.  
7:30 to 9:30 p. m.—Evangelistic service by student evangelists.

#### WEDNESDAY, FEBRUARY 23—

2:30 to 3:30 p. m.—Divine Healing Service by A. G. Garr.  
7:30 to 9:30 p. m.—Regular mid-week prayer service by A. G. Garr.

#### THURSDAY, FEBRUARY 24—

3:30 to 4:30 p. m.—Vesper Hour. Organ recital by B. Earnest Ballard.  
7:30 to 9:30 p. m.—Regular Water Baptismal service. A. G. Garr.  
9:15 to 10:00 p. m.—Gray Studio Program.  
10:00 to 11:00 p. m.—Organ recital by Esther Fricke Greene.

#### FRIDAY, FEBRUARY 25—

3:30 to 4:30 p. m.—Vesper Hour. Organ recital by Esther Fricke Greene.  
7:30 to 9:30 p. m.—Crusader Rally. Sermon by A. G. Garr.  
10:00 to 11:00 p. m.—Back Home Hour.

#### SATURDAY, FEBRUARY 26—

3:30 to 4:30 p. m.—The Children's Happy Hour.  
7:30 to 9:30 p. m.—Divine Healing Service conducted by A. G. Garr.  
*Program Published as Submitted by the Station.*



*This is the Heavy-Duty battery in which the new Layerbilt construction provides greater economy*

THERE'S an important discovery in radio economy awaiting all users of loud-speaker sets who have been buying the smaller Light-Duty "B" batteries instead of the large Heavy-Duty size required by such sets. Because the Light-Duty batteries cost somewhat less to buy they seem like an economy, but the surprising fact is that the Eveready Layerbilt No. 486 lasts more than twice as long though it does not cost anywhere near twice as much. It is, therefore, much more economical—we believe it to be the most economical "B" battery ever built.

Eveready Layerbilt's remarkable life is due to its unique construction. All other dry cell "B" batteries are assembled of cylindrical cells, with much waste space between them.

Several years ago we struck holdly out, away from this tradition, seeking a better method. We wanted to avoid waste space, minimize soldering, and get more current and longer life. The Eveready Layerbilt is the result.

This patented, exclusive battery is built in layers of flat current-producing elements, making automatic connection with each other. Every available inch inside the battery is occupied usefully.

Remember this about "B" batteries: All loud-speaker sets require Heavy-Duty batteries, and the Eveready Layerbilt has proved time and again to be the longest lasting and most economical Heavy-Duty "B" battery.

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New York                      San Francisco  
Unit of Union Carbide and Carbon Corporation



Dave Ward

## Hollywood, California—226 Meters

# KFOZ

1641 North Argyle Ave., Hollywood, California  
 Gladstone 3197; GLadstone 3198  
 DAVE WARD, Program Director and Announcer  
 L. E. TAFT, Technical Engineer  
 "The Palace-Bungalow Studio"

### DAILY EXCEPT SUNDAY—

12:00 to 1:00 p. m.—Los Angeles Merchants' and Manufacturers' Hour.

8:00 to 7:00 p. m.—Decker, Diamond and Decker, Hawaiian Trio

7:00 to 8:00 p. m.—Musical Hour.

### WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

#### SUNDAY, FEBRUARY 20—

8:00 p. m.—Aram Galanian's Orchestra and Al Flanigan, soloist

9:00 p. m.—Dave Ward and his Yellow Jackets.

#### MONDAY, FEBRUARY 21—

7:00 p. m.—Questions and answers by L. E. Taft

7:30 p. m.—Joe Kalih'i's Hawaiian Trio, and Kathrine Williamson

8:00 p. m.—Semi-classical hour conducted by Myra Belle Vickers.

9:00 p. m.—Dave Ward and his Yellow Jackets, L. A. Railway Quartet, Wendel Smith and Virginia King, accompanied by Mable King.

#### TUESDAY, FEBRUARY 22—

7:30 p. m.—Wiltshire Ionico lecture.

8:00 p. m.—Re broadcast of Eastern Station.

9:00 p. m.—Police and Firemen, joint program, Officer Robt E. Tracy

#### WEDNESDAY, FEBRUARY 23—

8:00 p. m.—Redel's Orchestra and Art Goodstein

9:00 p. m.—Kitty and the Boys; Honeywell Twins, and Helen McColl

10:00 p. m.—Dave Ward and his Yellow Jackets, and Virginia King

#### THURSDAY, FEBRUARY 24—

7:30 p. m.—Hoot Gibson's Trio, Ed Pose and Ruth Rayon

8:00 p. m.—Paramount Dance Orchestra, Ned Miller and Mary Chappel.

9:00 p. m.—Dave Ward and his Yellow Jackets, Ruth Michelson and Royal Wallace

#### FRIDAY, FEBRUARY 25—

7:30 p. m.—Wiltshire Ionico lecture.

8:00 p. m.—Alexander Drankoff program.

9:00 p. m.—Dave Ward and his Yellow Jackets, Pat Lee and Helen McColl

#### SATURDAY, FEBRUARY 26—

8:00 p. m.—Silver String Glendallians, and Ruth Dunigan, soloist

9:00 p. m.—Los Angeles Railway Orchestra, and Don Stevens.

Signing off nightly at 11 p. m.



R. C. Bushaker  
Announcer

## Los Angeles, Calif.—517 Meters

# KGEF

1000 WATTS—560 KILOCYCLES  
 TRINITY METHODIST CHURCH  
 BOB SHULER, Pastor  
 Phone BRoadway 1000  
 C. C. HOOPER, Manager  
 M. J. HANKINS, Technician

### SUNDAYS—

10:30 a. m. to 12:15 p. m.—Morning services.

5:00 to 6:00 p. m.—Vesper hour.

7:15 to 9:00 p. m.—Evening services.

9:00 to 10:00 p. m.—Old Hymns Songfest

10:00 p. m.—Family Altar service.

### WEDNESDAYS—

6:00 to 7:00 p. m.—Children's hour.

7:00 to 7:45 p. m.—Conroy's Bible Class.

7:45 to 8:45 p. m.—Studio musical program

8:45 to 9:15 p. m.—Question hour.

### FRIDAYS—

7:00 to 7:30 p. m.—Radio Bible Class.

7:30 to 8:00 p. m.—Studio musical program.

8:00 to 8:30 p. m.—Civic half hour.

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

Program published as submitted by the station

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Service*



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LOS ANGELES



GEORGE FRENGER  
Announcer

# Pasadena, California—315.6 Meters

## KPSN

PASADENA STAR-NEWS  
1000 WATTS—950 KILOCYCLES  
GEORGE CECIL COWING, Managing Director  
GEORGE FRENGER, Program Manager  
HERSHEL SATTERFIELD, Engineer-in-Charge  
PERCY C. PRYOR, Studio Office  
Phone, Wakefield 3111

DAILY EXCEPT SUNDAY—

12:00 to 12:15 p. m.—News Bulletin.

6:00 to 7:00 p. m.—Dinner-time news report.

WEEK COMMENCING SUNDAY, FEBRUARY 13, 1927

### SUNDAY, FEBRUARY 13—

10:30 a. m.—Family Altar Service by the United Church Brotherhoods.

11:00 a. m.—Services from the Pasadena Presbyterian Church.

6:00 to 7:00 p. m.—Star-News concert, with Adolf Tandler and the Ensemble.

### MONDAY, FEBRUARY 14—

8:00 to 9:15 p. m.—Star-News concert, with Adolf Tandler and the Ensemble.

### TUESDAY, FEBRUARY 15—

8:00 to 9:15 p. m.—Star-News concert, with Adolf Tandler and the Ensemble.

### THURSDAY, FEBRUARY 17—

8:00 to 9:15 p. m.—Star-News concert, with Adolf Tandler and the Ensemble.

### FRIDAY, FEBRUARY 18—

8:00 to 9:15 p. m.—Star-News concert, with Adolf Tandler and the Ensemble.

### SATURDAY, FEBRUARY 19—

8:00 to 9:15 p. m.—Star-News concert, with Adolf Tandler and the Ensemble.

Program Published as Submitted by the Station.

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Will Place a  
**MAJESTIC "B"**  
Current Supply in  
Your Home  
then \$1 a week

# \$5 Down—

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**PHILCO "A and B"**  
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Home  
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\$10 Brandes Phonograph Unit \$4.95

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TRinity 4281  
Los Angeles

OPEN EVENINGS

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MAIL ORDERS



**JACK DUCKWORTH**  
Announcer

## Inglewood, California—387 Meters

# KMIC

500 WATTS—775 KILOCYCLES

Owned and Operated by JAMES R. FOUCH  
Chamber of Commerce Building, Inglewood, Cal.

JACK DUCKWORTH, Announcer

DAILY EXCEPT SUNDAY—

6:00 to 6:30 p. m.—Shoppings news, with Victor Electrola Review

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

11:00 a. m. to 12:15 p. m.—Centinela Baptist Church;

MONDAY, FEBRUARY 21—

6:30 to 7:00 p. m.—Donald Miner, tenor; Bob Wallace, Scotch tenor; Carrol Agnue, pianist.

7:00 to 8:00 p. m.—Program through the courtesy of the Lambert Sales Company.

8:00 to 8:30 p. m.—Program through the courtesy of Geo. M. Sutton, Ford dealer, with Evie and Peggy, Harmony; Donald Miner, tenor; Martin Wallace Orchestra.

8:00 to 10:00 p. m.—Studio program, with Neva Negus, whistler; Madeline Lux, soprano; Evie and Peggy, harmony; Don Miner, tenor; Geraldine Gordon, female baritone.

TUESDAY, FEBRUARY 22—

6:30 to 6:45 p. m.—California Health Chautauqua, Care of the Body.

6:45 to 7:00 p. m.—Program through the courtesy of Will McMahon, factory representative of the Skinner Mfg. Co. of Omaha, Neb.

7:00 to 8:00 p. m.—Program through the courtesy of the Reiman Electric Co., with the KMIC Trio; Francis Forster, violin; Emerson Johnston, 'cello; Nell Larson, piano; Gordon Garrett, pianist; Don Miner, tenor.

8:00 to 10:00 p. m.—Studio program with Bill Hatch and his orchestra; Peggy Mathews, Blues; June Parker, Blues; Abe Jacobson, Bed Time stories

WEDNESDAY, FEBRUARY 23—

6:30 to 7:00 p. m.—Program through the courtesy of the Kroehler Mfg. Co., with Martin Wallace Orchestra; Geraldine Gordon, baritone; Sherman Hunter, tenor; Edna Cook, Blues.

7:30 to 8:00 p. m.—Program through the courtesy of the Reliable Radio Sales & Service Co.

8:00 to 10:00 p. m.—Studio program with either the L. A. Railway String Quartet or Orchestra; Louise White, soprano; Fredric Johnston, tenor; Baker Sisters, harmony numbers.

THURSDAY, FEBRUARY 24—

6:30 to 7:00 p. m.—Studio program with Walter Smith, Tenor of the Oil Fields; Ethyl Smith, uke and songs; Carroll Ognue, pianist.

7:00 to 7:30 p. m.—Program through the courtesy of the Pardee Electric Co., with the Six Syncopeths; Robert King, tenor; Ethyl Smith, uke and songs; Carroll Agnue, pianist.

7:30 to 8:00 p. m.—Program through the courtesy of the Inglewood Furniture Company, with the Six Syncopeths; Robert King, Ethyl Smith, uke and songs; Walter Smith, tenor.

8:00 to 10:00 p. m.—Studio program with Wes Woodford and his Bachelor Four; Evie and Peggy, harmony.

FRIDAY, FEBRUARY 25—

6:30 to 7:00 p. m.—Malloy-Clint Pharmacy courtesy program; with Edna Cook, Blues; Geraldine Gordon, baritone; Sherman Hunter, tenor; Carrol Agnue, pianist.

7:00 to 7:30 p. m.—Studio program with Don Miner, tenor; Geraldine Gordon, baritone; Edna Cook, Blues.

7:30 to 8:00 p. m.—Skinner Mfg. Co. courtesy program.

8:00 to 10:00 p. m.—Studio program with Lembke's Radio Boys; Baker Sisters, harmony; Sherman Hunter, tenor; Florence Warren, soprano.

10:00 p. m.—American Legion Frolic. Fun for all.

SATURDAY, FEBRUARY 26—

6:30 to 8:00 p. m.—Studio program with Martin Wallace Orchestra; Bud Riley, tenor guitar; Ethyl Smith, uke and songs; Moriss Sisters, harmony.

8:00 to 10:00 p. m.—Studio program with Bill Livingston and his orchestra; Neva Negus, whistler; Robert King, tenor; Earl Dowding, Evie and Peggy, harmony.

*Program Published as Submitted by the Station.*



24

Years In  
Business

## FREE APPLAUSE CARDS

For Radio Service Call TR. 2914  
**NEWBERY ELECTRIC CORP.**

726 South Olive Street  
Los Angeles, California



**TOM MITCHELL**  
Announcer

## Santa Monica, California — 238 Meters

# KNRC

1000 WATTS CAPACITY  
Owned and Operated by KEIRULFF & RAVENS-  
CROFT COMPANY.  
Municipal Auditorium, Ocean Park, Santa Monica,  
Calif. Phone Santa Monica 63-101.  
TOM MITCHELL, Studio Manager and Announcer.  
C. B. JUNEAU, Transmission Engineer.  
"The Station with a Smile"

### DAILY EXCEPT SUNDAY—

8:00 p. m.—Merchants Review.

8:30 to 7:30 p. m.—Club Casa Del Mar organ recital. Remote control.

7:30 p. m.—Merchants Review.

10:00 to 11:00 p. m.—Club Casa Del Mar Orchestra. Remote control.

### DAILY EXCEPT MONDAY—

8:00 to 9:00 p. m.—Band Concert.

8:30 p. m.—Band Concert.

WEEK COMMENCING MONDAY, FEBRUARY 21, 1927

#### MONDAY, FEBRUARY 21—

4:15 p. m.—Brother Tom and Smiling Circle.

8:00 to 10:00 p. m.—Lee Young Jr. and his Gables Club Orchestra, Smiling Harvey Porter, Dorothy and Dawn Smith.

#### TUESDAY, FEBRUARY 22—

4:15 p. m.—Brother Tom and his Smiling Circle.

9:00 p. m.—Sherman Hunter, tenor; Georgia Williams Trio.

#### WEDNESDAY, FEBRUARY 23—

4:15 p. m.—Smiling Circle with Brother Tom.

9:00 p. m.—Pirate Band, Albert Broad, tenor

#### THURSDAY, FEBRUARY 24—

4:00 p. m.—Brother Tom and his Smiling Circle.

9:00 p. m.—Red Wyatt, Golda Anderson Trio, Margaret Bechtel, Erma Reed.

10:00 p. m.—Club Casa del Mar Orchestra, by remote control, through KNRC.

#### FRIDAY, FEBRUARY 25—

4:00 p. m.—Brother Tom and his Smiling Circle.

9:00 p. m.—Los Angeles Railway String Quartet and Band.

#### SATURDAY, FEBRUARY 26—

4:15 p. m.—Brother Tom and his Smiling Circle.

9:00 p. m.—K and R Program.

11:00 p. m.—Gables Club Orchestra by remote control.

#### SUNDAY, FEBRUARY 27—

10:45 p. m.—Pilgrim Lutheran Church services by remote control through KNRC.

5:15 p. m.—The Pirate Band.

6:15 p. m.—Pilgrim Lutheran Church service.

7:00 p. m.—Club Casa del Mar Organ Recital.

8:00 p. m.—Municipal Band Concert.

9:00 p. m.—Club Casa del Mar Recital.

*Program Published as Submitted by the Station.*

SEE PAGE 15 FOR ANNOUNCEMENT OF PRIZE CONTEST

## PALMER RADIO LABORATORY

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*J. P. GOOLEY,  
Ninth and Burlington Sts.*

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## **PALMER RADIO LABORATORY**

**4529 S. Vermont Ave.**

**VERmont 7883**

**Los Angeles**



Leo T. Cleary  
Announcer

## Venice, California—205 Meters

# KFVD

500 WATTS

McWHINNIE ELECTRIC CO., Venice Ballroom,  
Venice Calif. Phone 65959 or 65950  
Station Manager, W. H. WHITE.

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

10:00 to 12:00 midnight—Venice Ballroom Orchestra.

MONDAY, FEBRUARY 21—

8:30 to 9:00 p. m.—Harry Dinowitzer, violinist; George Thiroux, ukulele artist.

9:00 to 10:00 p. m.—Melba Lyon, KFDV girl, and others.

10:00 to 12:00 p. m.—The Venice Ballroom Orchestra, followed by The Ship Cafe Frolic.

8:00 to 10:00 p. m.—Studio Program, featuring Dale Fulton, violinist; Lila Fulton, piano; Gee Thiroux, popular songster; Roy Davis, whistler; Fred Wesley, tenor, and others.

TUESDAY, FEBRUARY 22—

8:00 to 10:00 p. m.—Studio Program; Harry Dinowitzer, violinist; Virginia Reese, Pianist; the Zerich Family Orchestra; Mr. Henning Banjo Orchestra.

WEDNESDAY, FEBRUARY 23—

8:00 to 10:00 p. m.—Jack Pope's Californians; Gee Thiroux, tenor; Elizabeth Swan, piano; Eddie Mills, 14 strings of Harmony; Bob Davis, baritone.

THURSDAY, FEBRUARY 24—

8:00 to 10:00 p. m.—Miss Usher, astrologer; The Ancient Trio, their combined ages, 243 years; Geraldine Gordon, female baritone; Art Forbes and his Black Cat Syncopaters.

FRIDAY, FEBRUARY 25—

8:00 to 10:00 p. m.—Claude Bond, piano and accordian; Morris Lenkey, Russian baritone; Dr. Deltvante, pianist; Louis Lucich, Slavonian tenor; Beanie Fletcher, soprano, and the Californian Colonials Band.

SATURDAY, FEBRUARY 26—

8:00 to 10:00 p. m.—Eddie Mills' 14 Strings of Harmony; St. Elmo Russell, piano accordian. Program by the Bureau of Public Safety of the Los Angeles Police Department.

1:00 to 2:00 a. m.—Harry Judson Entertainers' Hour.

Program Published as Submitted by the Station.

SEE PAGE 15 FOR ANNOUNCEMENT OF PRIZE CONTEST



Major Lawrence Mott  
Announcer

## Avalon, California—211.1 Meters

# KFWO

THE ISLAND STATION  
Power 250 Watts—Western Electric Equipment  
"Katalina for Wonderful Outings"  
MAJOR LAWRENCE MOTT, Owner-Operator  
MISS FRANCES HEWITT, Studio & Program Dir.  
"The Isle With a Smile"

WINTER SCHEDULES AT KFWO

The Mott Station at Catalina Island, California  
(In Effect Week of Sept. 20th)

DAILY EXCEPT MONDAY—

12:30 to 1:30—Hotel St. Catherine Orchestra.

6:30 to 8:00—St. Catherine Orchestra.

DAILY EXCEPT MONDAY, THURSDAY AND SUNDAY—

6:00 to 6:30—Studio.

MONDAYS: Silent.

TUESDAYS: 5:00 to 6:00—Miss Hewitt's Golden Hour.  
6:00 to 8:00—Studio.

WEDNESDAYS: 8:00 to 9:00—Studio Program.  
9:00 to 12:00 Midnight—Overseas.

THURSDAYS: 8:00 to 9:00—Studio Program.

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

SATURDAYS: 3:00 to 4:30—Rebroadcast of KNX.  
9:15 to 10:00—Studio.

SUNDAYS: 5:00 to 6:00—Miss Hewitt's Golden Hour.  
6:00 to 6:30—Wrigley Chimes.  
8:00 to 9:15—Lobby Concert.

Victor Electrode used during all programs.

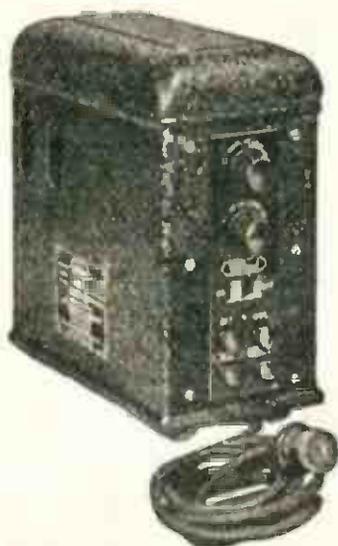
Program Published as Submitted by the Station.

# You Can Have Up to 160 Volts "B" Power With This Unit

*No Tubes to  
Replace*

*Will Operate Sets  
Using Power  
Tubes*

*Plug Can Be Left  
Permanently in  
Socket*



*Full Regulation  
for Amplifier  
Voltages*

*Full Regulation  
For Detector  
Voltages*

*There Are Only  
Four Connections  
to Make*

WILLARD "B" POWER UNIT

Your house lighting current is transformed into your "B" power with this Willard Unit. Not only does it supply ample power for the set but it does it free from hum or distortion.

Pleasing in appearance and with all connections plainly marked, this unit will appeal to those who want quality reception combined with ease of operation.

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*\*90 Service Stations in Los Angeles—and one or more in other towns and cities. There is one near you.*



"HAL" C. NICHOLS  
Announcer

# Long Beach, California—233 Meters

## KFON

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Studio 211 Jergins Trust Bldg. Phones 617-19, 614-00

Business Office, 212 Jergins Trust Bldg.

Phones: 617-19, 614-80

HAL C. NICHOLS, Manager and Studio Director

"Where Your Ship Comes In"

### DAILY EXCEPT SUNDAY—

- 10:15 to 10:30 a. m.—"Devotion Period."
- 11:30 a. m. to 12:30 p. m.—Prizma Hour.
- 4:00 to 4:30 p. m.—Press-Telegram Late News.
- 5:00 to 8:00 p. m.—KFON Concert Orchestra.
- 6:00 to 6:50 p. m.—Organ Recital from State Theater.
- 6:50 to 7:00 p. m.—Pacific Land Co.'s Travelogue.
- 9:00 to 10:00 p. m.—"The Hour De Luxe."

### DAILY EXCEPT SUNDAY AND MONDAY—

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

### WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

#### SUNDAY, FEBRUARY 20—

- 3:20 to 4:00 p. m.—Long Beach Municipal Band.
- 4:00 to 5:00 p. m.—Vesper Hour.
- 5:00 to 6:00 p. m.—KFON Concert Orchestra, sponsored by Long Beach business men.
- 6:00 to 6:20 p. m.—Birkel Music Company piano recital, featuring Weber Duo-Art.
- 6:20 to 6:55 p. m.—KFON Concert Orchestra.
- 6:55 to 7:00 p. m.—Pacific Land Company's Travelogue, by W. H. Baymiller.
- 7:00 to 7:45 p. m.—Fountain Club Cafe Orchestra.
- 7:45 to 9:00 p. m.—Services from First Church of Christ, Scientist, by remote control.
- 9:00 to 12:00 p. m.—"Everybody's Night," amateurs and professionals.

#### MONDAY, FEBRUARY 21—

- 7:00 to 8:00 p. m.—Thrifty Sandy program, sponsored by Citizens State Bank.
- 8:00 to 8:15 p. m.—Lure of the Sky, by Dr. Lewis Thomas.
- 8:15 to 9:00 p. m.—"The Haymakers," featuring old-time dance music.
- 9:00 to 12:00 p. m.—"Kiwanis Frolic."

#### TUESDAY, FEBRUARY 22—

- 7:00 to 7:30 p. m.—Novelty program.
- 7:30 to 8:00 p. m.—"Chat for Booklovers," presented by Hewitt's Bookstore.
- 8:00 to 8:10 p. m.—Press-Telegram presenting Long Beach Municipal Band.
- 8:10 to 8:20 p. m.—A few minutes with the Announcer.
- 8:20 to 9:00 p. m.—Press-Telegram presenting Long Beach Municipal Band.
- 9:00 to 10:00 p. m.—"The Hour de Luxe."
- 10:00 to 11:00 p. m.—Majestic Ballroom Orchestra, by remote control.
- 11:00 to 12:00 p. m.—Capitol Theatre organ recital, by remote control.

#### WEDNESDAY, FEBRUARY 23—

- 7:00 to 8:00 p. m.—Pacific Coast Club Orchestra, by remote control.
- 8:00 to 8:15 p. m.—"The Woman and the Law," by Herbert Middleditch.
- 8:15 to 9:00 p. m.—Press-Telegram presenting Pacific Coast Club Orchestra.
- 9:00 to 10:00 p. m.—Truck Tire Service program.
- 10:00 to 11:00 p. m.—Pacific Coast Club Orchestra, by remote control.
- 11:00 to 12:00 p. m.—Capitol Theatre organ recital, by remote control.

#### THURSDAY, FEBRUARY 24—

- 7:00 to 8:00 p. m.—Piggly Wiggly Girls.
- 8:00 to 8:10 p. m.—Press-Telegram presenting Long Beach Municipal Band.
- 8:10 to 8:20 p. m.—Poly High Evening School, Dick Carlson.
- 8:00 to 8:10 p. m.—Press-Telegram presenting Long Beach Municipal Band.
- 9:00 to 10:00 p. m.—Shell Oil Company's Orchestra.
- 10:00 to 11:00 p. m.—Majestic Ballroom Orchestra, by remote control.
- 11:00 to 12:00 p. m.—Capitol Theater organ recital, by remote control.

#### FRIDAY, FEBRUARY 25—

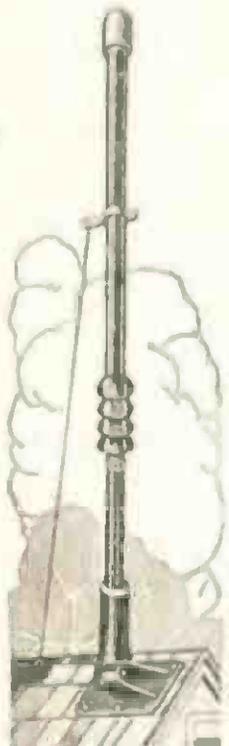
- 7:30 to 7:30 p. m.—Church of Christ, by Rev. Ernest Bean.
- 7:30 to 7:45 p. m.—"A Selma Sizer program."
- 7:45 to 8:00 p. m.—"Lucky Jim" investment chat, by Seaboard Bond & Mortgage Co.
- 8:00 to 8:10 p. m.—Press-Telegram presenting Long Beach Municipal Band.
- 8:10 to 8:20 p. m.—A few minutes with the Announcer.
- 8:20 to 9:00 p. m.—Press-Telegram presenting Long Beach Municipal Band.
- 9:00 to 10:00 p. m.—Caskill Manufacturing Co. and Missman Radio Company program.
- 10:00 to 12:00 p. m.—Elks' Frolic, Lodge No. 888.

#### SATURDAY, FEBRUARY 26—

- 7:00 to 8:00 p. m.—Pacific Coast Club Orchestra, by remote control.
- 8:00 to 8:10 p. m.—Press-Telegram presenting Long Beach Municipal Band.
- 8:10 to 8:20 p. m.—A few minutes with the Announcer.
- 8:20 to 9:00 p. m.—Press-Telegram presenting Long Beach Municipal Band.
- 9:00 to 10:00 p. m.—Studio program.
- 10:00 to 11:00 p. m.—Pacific Coast Club Orchestra, by remote control.
- 11:00 to 12:00 p. m.—Capitol Theatre organ recital, by remote control.

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RAYMUND V. MORRIS, President  
TOM SEXTON, Announcer

*"Kiss From San Diego"*

### DAILY EXCEPT SUNDAY—

6:00 to 7:00 p. m.—Nightly musical review.

10:00 to 11:00 p. m.—Harvey Ball and his U. S. Grant Hotel Orches

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

### SUNDAY, FEBRUARY 20—

3:00 to 4:00 p. m.—Temple service of the Theosophical University

### MONDAY, FEBRUARY 21—

7:00 to 8:00 p. m.—Studio hour.

8:00 to 9:00 p. m.—First Unitarian Church program, Howard B. Bard.

9:00 to 10:00 p. m.—Mixed musical program.

### TUESDAY, FEBRUARY 22—

7:00 to 8:00 p. m.—Studio hour.

8:00 to 9:00 p. m.—Union Title Company "Classic Hour" program.

9:00 to 10:00 p. m.—Mixed musical program.

### WEDNESDAY, FEBRUARY 23—

7:00 to 7:30 p. m.—Courtesy program by Wilshire's Ionaco Company.

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

8:30 to 9:30 p. m.—C. C. C. Tatum, realtor, Bay Hills Orchestra.

9:30 to 10:00 p. m.—"Popular" Orthophonic program.

### THURSDAY, FEBRUARY 24—

7:00 to 8:00 p. m.—Police program, dance music and concert music.

8:00 to 9:00 p. m.—John P. Mills, Inc., Point Loma Orchestra.

### FRIDAY, FEBRUARY 25—

7:00 to 8:00 p. m.—Studio hour.

8:00 to 9:00 p. m.—P. M. Dairy Concert Orchestra. Instrumental Trio.

9:00 to 10:00 p. m.—Mixed musical program.

### SATURDAY, FEBRUARY 26—

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

8:00 to 9:00 p. m.—Mme. de Beauviere, "Franco-American" hour.

9:00 to 10:00 p. m.—"Classic" hour Orthophonic recital.

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CURTIS PECK  
 Announcer

**DAILY EXCEPT SUNDAY—**

- 6:45, 7:15 and 7:45 a.m.—Daily health drill by Hugh Barrett Dobbs.  
 10:10 a.m.—Household Hints.  
 10:30 a.m.—"Ye Towne Cryer."  
 12:00 noon—Time signals and Scripture reading.  
 12:30 to 1:00 p.m.—Clift Hotel Concert Trio.  
 1:00 to 2:00 p.m.—Rudy Seiger's Fairmont Hotel Orchestra.  
 3:30 to 5:30 p.m.—Palace Hotel Concert Orchestra.  
 6:30 to 6:15 p.m.—Children's Hour.  
 6:15 to 6:30 p.m.—"Ye Towne Cryer."  
 6:30 to 7:00 p.m.—States Restaurant Orchestra.  
 7:00 to 7:30 p.m.—Rudy Seiger's Fairmont Hotel Orchestra.  
 7:30 to 8:00 p.m.—DX.

**WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927****SUNDAY, FEBRUARY 20—**

- 9:45 to 10:45 a.m.—Undenominational and non-sectarian church service. Uda Waldrop at the organ.  
 10:45 a.m.—"Ye Towne Cryer," giving the United States weather forecast and general information.  
 2:40 to 4:15 p.m.—Concert of the San Francisco Symphony Orchestra, Alfred Hertz, director, to be broadcast from the New Curran Theatre by KPO, KFI and KGO.  
 6:00 to 6:30 p.m.—States Restaurant Orchestra, Waldemar Lind director.  
 6:30 p.m.—"Ye Towne Cryer," giving general information.  
 6:35 to 8:35 p.m.—Palace Hotel Concert Orchestra, Cyrus Trobbs director.  
 8:35 to 9:15 p.m.—Rudy Seiger's Fairmont Hotel Concert Orchestra.  
 9:15 to 10:15 p.m.—A broadcast by Ernest Ingold, Inc., of a program by John Powell, pianist, and Mildred Epstein, soprano.  
 10:00 to 12:00 p.m.—John Wolohan and his Californians at the Trianon Ballroom.

**MONDAY, FEBRUARY 21—**

- 8:00 to 8:10 p.m.—Chamber of Commerce talk on "Industrial San Francisco," by Capen A. Fleming, director Industrial Department.  
 8:10 to 8:25 p.m.—Book reviews by Harold A. Small of the Chronicle.  
 8:25 to 9:00 p.m.—Bridge lesson No. 18.  
 9:00 to 10:00 p.m.—Program by Neapolitan Quartet.  
 10:00 to 11:00 p.m.—Billy Long's Cabirians.  
 11:00 to 12:00 p.m.—KPO's Variety Hour, presenting the KPO Minstrels and well known artists, including Big Brother, Lloyd Knight and His Radio Robins, William Powers, Fred Dodson, Gypsy and Marta, Edith Orris, Johnny O'Brien, Hugh Barrett Dobbs, William Hancock and others in a Chicago night program.

**TUESDAY, FEBRUARY 22—**

- 8:00 to 9:00 p.m.—"Uda Waldrop Hour," featuring Uda Waldrop, KPO's official organist, at the organ of the First Unitarian Church.  
 9:00 to 10:00 p.m.—Program by KPO Trio and Gypsy and Marta.  
 10:00 to 11:00 p.m.—Palace Hotel Rose Room Dance Orchestra, Gene James director.  
 11:00 to 12:00 p.m.—John Wolohan and his Californians at the Trianon Ballroom.

**WEDNESDAY, FEBRUARY 23—**

- 8:00 to 9:00 p.m.—Program by the Atwater Kent Artists, under the auspices of Ernest Ingold, Inc.  
 9:00 to 10:00 p.m.—Studio program.  
 10:00 to 11:00 p.m.—States Restaurant Orchestra, Waldemar Lind director.  
 11:00 to 12:00 p.m.—Billy Long's Cabirians.

**THURSDAY, FEBRUARY 24—**

- 8:00 to 9:00 p.m.—Program for Geo. W. Caswell Co., National Crest Coffee.  
 9:00 to 10:00 p.m.—Program by Thirtieth Coast Artillery Band.  
 10:00 to 11:00 p.m.—Palace Hotel Rose Room Dance Orchestra, Gene James director.  
 11:00 to 12:00 p.m.—John Wolohan and his Californians at the Trianon Ballroom.

**FRIDAY, FEBRUARY 25—**

- 8:00 to 10:00 p.m.—Walter Krausgrill's Balconades Ballroom Orchestra.  
 10:00 to 11:00 p.m.—States Restaurant Orchestra, Waldemar Lind director.  
 11:00 to 12:00 p.m.—John Wolohan and his Californians at the Trianon Ballroom.

**SATURDAY, FEBRUARY 26—**

- 6:30 to 7:30 p.m.—States Restaurant Orchestra, Waldemar Lind director.  
 8:00 to 9:00 p.m.—Simultaneous broadcast by KPO and KFI of a program presented by the San Francisco branch of the manufacturers of White King and Mission Bell Soap.  
 9:00 to 10:00 p.m.—Palace Hotel Rose Room Dance Orchestra, Gene James director.  
 10:00 p.m. to 1:00 a.m.—Walter Krausgrill's Balconades Ballroom Orchestra.  
 9:00 to 11:00 p.m.—Intermissions by Maurice Gunaky, tenor, and Merton Bories, pianist.

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### DAILY EXCEPT SATURDAY AND SUNDAY—

10:00 to 11:00 a. m.—Sherman Clay & Co. concert.

11:00 a. m. to 12:00 noon—Household Hints.

### DAILY EXCEPT SUNDAY—

12:00 to 2:00 p. m.—Eddie Harkness' Concert Orchestra.

4:00 to 5:30 p. m.—Mark Hopkins Orchestra.

5:30 to 6:30 p. m.—"Mac" and his Gang.

6:30 p. m.—Stage and Screen.

### WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

#### SUNDAY, FEBRUARY 20—

6:00 to 8:00 p. m.—"Twilight Recital." with Dorothy Peamore, 'cellist; Florence McEachren, soprano, and Frank Moss, pianist.

6:30 p. m.—Stage and screen.

6:30 to 8:30 p. m.—Mark Hopkins Concert Orchestra, Vinton La Fererra, conductor.

#### MONDAY, FEBRUARY 21—

6:30 to 7:00 p. m.—Yale Radio Battery Trio dinner program.

7:00 to 7:30 p. m.—KFRC Hawaiians.

8:00 to 9:00 p. m.—Blue Monday Jamboree, with Mac and his Haywire Orchestra. A. J. Kane's detective story, and others.

9:00 to 10:00 p. m.—Goodrich Silvertown Orchestra, Reg. Code directing, courtesy B. F. Goodrich Co. of Akron, Ohio.

10:00 to 12:00 p. m.—Eddie Harkness' Mark Hopkins Dance Orchestra, Ronald Johnson, tenor, and Marjorie Primley, pianist, during intermissions.

#### TUESDAY, FEBRUARY 22—

6:30 to 7:00 p. m.—Yale Radio Battery Trio dinner program.

7:00 to 7:30 p. m.—Russell Colvin Trio, courtesy Russell Colvin Co. Mary Peamore, violinist; Herman Reinberg, 'cellist, and Frank Moss, pianist.

8:00 to 8:30 p. m.—Weekly meeting KFRC Radio Movie Club.

8:30 to 9:30 p. m.—Washington's Birthday special program.

9:30 to 12:00 p. m.—Eddie Harkness' Mark Hopkins Orchestra; William Hart, tenor; Martha Mervin, pianist, during intermissions.

#### WEDNESDAY, FEBRUARY 23—

6:30 to 7:00 p. m.—Yale Radio Battery Trio dinner concert.

7:00 to 7:30 p. m.—"Puss" Donahoo's Orchestra.

8:00 to 9:00 p. m.—KFRC Little Symphony Orchestra; Grace Le Page, soprano, soloist.

8:00 to 9:00 p. m.—Musical Educational Talk, by John C. Vogel of Educational Department of Sherman, Clay & Co. Subject: "Life and Compositions of Schumann," with illustrations on Aeolian organ and Duo-art piano.

9:30 to 10:00 p. m.—Studio program.

10:00 to 12:00 p. m.—Eddie Harkness' Mark Hopkins Dance Orchestra, Juliette Dunn and Glenhall Taylor during intermissions.

#### THURSDAY, FEBRUARY 24—

6:30 to 7:00 p. m.—Yale Radio Battery Trio dinner concert.

7:00 to 7:30 p. m.—Western Motors' courtesy program.

8:00 to 9:00 p. m.—Mona Motor program, with Mona Motor Melody Maids; Mae Thompson, soprano, and others.

9:00 to 10:00 p. m.—Organ recital with Theodore Strong at the console of the Aeolian pipe organ.

10:00 to 12:00 p. m.—Eddie Harkness' Mark Hopkins Dance Orchestra; Ronald Johnson, tenor, and Marjorie Primley, pianist.

#### FRIDAY, FEBRUARY 25—

6:30 to 7:00 p. m.—Yale Radio Battery Trio dinner program.

7:00 to 7:30 p. m.—Studio program.

8:00 to 10:00 p. m.—Gilfillan Bros., manufacturers of Gilfillan Neutrodynes, present KFRC Little Symphony Orchestra; Grace Le Page, soprano; Georges Simondet, tenor, and George Alms, basso.

10:00 to 12:00 p. m.—Eddie Harkness' Mark Hopkins Dance Orchestra, Joe Graham, tenor, during intermissions.

#### SATURDAY, FEBRUARY 26—

6:30 to 7:00 p. m.—Yale Radio Battery Trio dinner program.

7:00 to 7:30 p. m.—Studio program.

8:00 p. m. to 1:00 a. m.—Eddie Harkness' Mark Hopkins Dance Orchestra. 8:00 to 9:00 p. m., intermissions by Joe Benson, pianist; 9:00 to 10:00 p. m., intermissions by Juliette Dunn, soprano; 10:00 to 12:00 p. m., intermissions by Lou Emmel, baritone, with Mildred Doughty, pianist.

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### DAILY EXCEPT SUNDAY—

- 11:30 a. m. to 1:00 p. m.—Hotel Leamington concert.  
1:30 and 6:00 p. m.—Stock and weather reports. Baseball score.  
8:00 to 8:55 p. m.—Bem's Little Symphony Orchestra  
6:55 to 7:30 p. m.—Weather and stock reports.

### WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

#### SUNDAY, FEBRUARY 20—

- 11:00 a. m.—Calvary Presbyterian Church service.  
2:40 p. m.—San Francisco Symphony Orchestra concert.  
4:00 p. m.—Vesper service, Grace Cathedral.  
6:30 to 7:30 p. m.—Concert by Bem's Little Symphony Orchestra.  
7:30 p. m.—Weather Bureau report.  
7:35 p. m.—First Congregational Church service, San Francisco.  
9:00 to 10:00 p. m.—Concert by Bem's Little Symphony Orchestra.

#### MONDAY, FEBRUARY 21—

- 4:00 to 5:00 p. m.—California Federation of Women's Clubs.  
5:30 to 6:00 p. m.—KGO Kiddies' Klub.

#### TUESDAY, FEBRUARY 22—

- 5:00 p. m.—Lectures by Dr. Virgil E. Dickson.  
8:00 to 9:00 p. m.—The Pilgrims. Eveready program by National Carbon Company.  
9:00 p. m.—Joseph Henry Jackson. "Chats About New Books."  
9:20 p. m.—Surprise broadcast.

#### WEDNESDAY, FEBRUARY 23—

- 5:30 p. m.—"For Instance," by General Jackson.  
8:00 p. m.—Oakland Real Estate Board banquet.

#### THURSDAY, FEBRUARY 24—

- 5:00 to 6:00 p. m.—George W. Ludlow. "Friend to Boys."  
8:00 to 9:00 p. m.—Program by KGO Little Symphony.  
9:00 to 12:00 p. m.—John Philpott's Midshipmen.

#### FRIDAY, FEBRUARY 25—

- 8:00 p. m.—Studio program. "The Arcadians."

#### SATURDAY, FEBRUARY 26—

- 8:00 p. m.—"Weekly Sport Review," by Al Santoro.  
8:15 to 9:15 p. m.—Program from Hotel Leamington, Oakland.  
9:15 p. m. to 1:00 a. m.—Dance music, Wilt Gunzendorfer's Hotel Whitcomb Band.  
*Program Published as Submitted by the Station.*



Chas. E. Gabrielle, Jr.  
Announcer

## Oakland, California—508.2 Meters

# KLX

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"Oakland, Where Rail and Water Meet"

### DAILY EXCEPT SUNDAY—

- 3:00 p. m.—Baseball.  
7:00 to 7:30 p. m.—News broadcast.

### WEEK COMMENCING MONDAY, FEBRUARY 21, 1927

#### MONDAY, FEBRUARY 21—

- 10:30 a. m.—Martha Lee.  
8:00 to 9:00 p. m.—Piggly Wiggly Hawaiian program.  
9:00 to 10:00 p. m.—Weekly meeting of Lake Merritt Ducks.

#### WEDNESDAY, FEBRUARY 23—

- 10:30 a. m.—Martha Lee.  
6:30 to 7:00 p. m.—Athens Athletic Club dinner concert.  
8:00 to 9:00 p. m.—Educational program.  
9:00 to 10:00 p. m.—Second program by Oakland Symphonic Ensemble.

#### FRIDAY, FEBRUARY 25—

- 10:30 a. m.—Martha Lee.  
8:00 to 9:45 p. m.—Special gala program.  
9:45 to 10:30 p. m.—Athens Athletic Club orchestra.

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**DAILY EXCEPT SUNDAY—**

- 11:00 a. m.—Juanita's Shopping News.
- 12 noon—U. S. Farm flashes.
- 12:15 p. m.—Totem soloists.
- 1:00 p. m.—Organ recital.
- 2:00 p. m.—Totem soloists.
- 5:30 p. m.—Children's entertainment.
- 10:00 p. m.—Totem Dance Orchestra.

**WEEK COMMENCING MONDAY, FEBRUARY 21, 1927****MONDAY, FEBRUARY 21—**

- 10:15 a. m.—Y. M. C. A. health exercises.
- 6:00 p. m.—Ye Towne Topics.
- 6:15 p. m.—Totem Chorus.
- 6:30 p. m.—U. S. Farm School. "Livestock."
- 7:30 p. m.—Totem Philippine String Orchestra.
- 8:00 p. m.—First Church of Christ, Scientist, lectures.
- 9:00 p. m.—Totem Concert Orchestra and soloists.
- 10:30 p. m.—Totem Dance Orchestra and soloists.

**TUESDAY, FEBRUARY 22—**

- 9:30 a. m.—Broadcast of Washington Day Message by President Coolidge to the United States Congress, through National Broadcasting Company's network.
- 6:30 p. m.—Totem Philippine String Orchestra.
- 7:45 p. m.—Silent period.
- 7:30 p. m.—Totem Concert Orchestra.
- 9:30 p. m.—Totem Dance Orchestra.

**WEDNESDAY, FEBRUARY 23—**

- 6:00 p. m.—Ye Towne Topics.
- 6:15 p. m.—Totem Philippine String Orchestra.
- 6:45 p. m.—Silent period.
- 7:30 p. m.—Totem Dance Orchestra and Doug Richardson.
- 8:00 p. m.—National Farm Radio Council talk.
- 8:15 p. m.—"Chimes of Normandy," by Totem Light Opera Company.
- 10:30 p. m.—Totem Dance Orchestra and soloists.

**THURSDAY, FEBRUARY 24—**

- 6:45 p. m.—Silent period.
- 7:30 p. m.—Ye Towne Topics.
- 7:45 p. m.—Totem Philippine String Orchestra.
- 8:00 p. m.—U. S. Farm School. "Poultry."
- 8:15 p. m.—Talk. "Care and Breeding of Baby Chicks."
- 8:30 p. m.—Totem Concert Orchestra and soloists.
- 10:15 p. m.—Totem Dance Orchestra.

**FRIDAY, FEBRUARY 25—**

- 6:45 p. m.—Silent period.
- 7:30 p. m.—Totem Philippine String Orchestra and Jazz Quartets.
- 7:45 p. m.—Talk. "U. S. War Risk Insurance," by Lee Newman.
- 8:00 p. m.—U. S. Farm School. "Dairying."
- 8:15 p. m.—Totem Dance Orchestra and soloists.
- 8:45 p. m.—Ye Towne Topics.
- 9:00 p. m.—Western Giant Cord Orchestra.
- 10:00 p. m.—Totem Dance Orchestra.

**SATURDAY, FEBRUARY 26—**

- 6:45 p. m.—Silent period.
- 7:30 p. m.—Totem Concert Orchestra and soloists.
- 10:00 p. m.—Totem Dance Orchestra and Totem String Philippine Orchestra.

**SUNDAY, FEBRUARY 27—**

- 10:00 a. m.—International Bible Students' Association.
- 11:00 a. m.—Plymouth Congregational Church, Morning Service.
- 12:10 p. m.—St. James Cathedral, Noon Mass.
- 6:00 p. m.—Little Symphony Orchestra, courtesy of Atwater Kent dealers.
- 7:50 p. m.—First Church of Christ, Scientist, complete service.
- 9:15 p. m.—International Bible Students' Association.

*Program Published as Submitted by the Station.***SEE PAGE 15 FOR ANNOUNCEMENT OF PRIZE CONTEST**

**KEX**

**Portland, Oregon—447 Meters**  
4000 WATTS  
THE WESTERN BROADCASTING COMPANY, PORTLAND

PROGRAM COMMENCING MONDAY, FEBRUARY 21, 1927

## DAILY EXCEPT SUNDAY—

- 5:30 to 6:00 p. m.—Radio code practice and daily radio chat by Clarence Clark, technical director of KEX.  
6:00 to 6:30 p. m.—Children's Hour by direct wire from Wremers Chateau.  
6:30 to 8:00 p. m.—Congress Hotel dinner music; Jimmie Davis and his Pompeian Orchestra.  
8:00 to 9:00 p. m.—Studio program.  
9:00 p. m.—Western Union time signals.

## TUESDAY, THURSDAY, SATURDAY

- 9:00 to 10:30 p. m.—Studio program.  
10:30 to 12:00 p. m.—Dance music, direct wire from Kremers Chateau.

## SUNDAY ONLY—

- 3:00 to 5:00 p. m.—Concert Orchestra.  
5:00 to 6:00 p. m.—Church services.  
6:00 to 8:00 p. m.—Congress Hotel dinner music.  
8:00 to 9:00 p. m.—Studio program.  
9:00 p. m.—Time signals, Western Union time signals.  
9:00 to 10:30 p. m.—Studio program.  
10:20 to 12:00 p. m.—KEX Frolic.

SEE PAGE 15 FOR ANNOUNCEMENT OF PRIZE CONTEST

Authorized

*Steward-Warner*  
Matched-Unit Radio

Dealers

FIVE TUBE, MODEL 300, COMPLETE, \$99.00 — TERMS

Ceco Tubes  
Majestic B Units  
Philco A and B Units  
Acme Cone Speakers

National A Socket Power  
Trickle Chargers, \$8.60  
Console Cabinets  
Cannon Ball Speakers

FULL LINE OF PARTS

MAIL ORDERS PROMPTLY FILLED

**ATWATER RADIO & ELECTRIC COMPANY**

3208 Glendale Blvd.

Olympia 6417

Los Angeles, Calif.

**SILVER THE KING**

24 Kt Gold  
Pure Silver  
Soft  
Copper

**Gosilco Super Aerial Wire**  
Gold over Silver on Copper

DX Reception Assured—30% More Volume—Clearer Tone—20% Sharper Tuning—Permanently Efficient.

No. 14 Gauge, 100 ft. \$3.00—75 ft. \$2.50—50 ft. \$1.75.

Soft Round Bus, 10c, 2 ft. length. Flexible Bus and Loop, 5c ft.

Sold by Dealers or direct, prepaid or C. O. D. Checks Accepted.

Endorsed by Best, Coskaday, All-American, Radio Corp., KNX Lab.,

Radio News, Radio Broadcast, Popular Radio.

**GOSILCO RADIO PRODUCTS CO.**

Patent

HUNTINGTON PARK, CALIF.

Applied For

320 Marbrisa Ave., Vicinity Santa Fe and Irvington



STEPHEN I. GAYLORD  
Announcer

## Portland, Oregon—491.5 Meters

# KGW

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

### DAILY EXCEPT SUNDAY—

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

### WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

#### SUNDAY, FEBRUARY 20—

10:55 to 12:30 p. m.—Morning services from the St. Stephens Pro-Cathedral.  
4:00 to 6:00 p. m.—KGW Salon Orchestra.  
7:30 to 9:00 p. m.—Evening services from the Hinson Memorial Baptist Church.  
9:00 to 10:00 p. m.—Concert by the Chevrolet Little Symphony Orchestra.

#### MONDAY, FEBRUARY 21—

7:00 to 7:30 p. m.—Children's program.  
8:00 to 10:00 p. m.—Vaudeville entertainment.  
10:00 to 12:00 p. m.—Dance music by McElroy's Orchestra.

#### TUESDAY, FEBRUARY 22—

2:30 to 3:00 p. m.—Women's matinee.  
10:00 to 12:00 p. m.—Dance music, featuring Herman Kenin and his orchestra.

#### WEDNESDAY, FEBRUARY 23—

7:00 to 7:15 p. m.—Utility service.  
7:30 to 8:00 p. m.—Albers Poultry School.  
8:00 to 9:00 p. m.—Concert, courtesy Western Auto Supply Company.  
9:00 to 10:00 p. m.—Concert, by Maxwell-House-Coffee Orchestra, simultaneously with KFOA and KHQ.

#### THURSDAY, FEBRUARY 24—

7:45 to 8:00 p. m.—Lecture, given under the auspices of the Catholic Truth Society of Oregon.  
8:00 to 10:00 p. m.—Vaudeville entertainment.

#### FRIDAY, FEBRUARY 25—

2:00 to 3:00 p. m.—Women's matinee.  
7:00 to 7:30 p. m.—Children's program.  
7:30 to 8:00 p. m.—Weekly meeting of the KGW Movie Club.  
8:00 to 9:00 p. m.—Concert by the Mission Bell Orchestra, from KGW through KFOA and KHQ.

9:00 to 10:30 p. m.—Dance music by Cole McElroy's orchestra.  
10:30 to 12:00 p. m.—Weekly frolic of the Keep Growing Wiser Order of Hoot Owls broadcast with KMO, KFOA, KHQ.

#### SATURDAY, FEBRUARY 26—

9:00 to 10:00 p. m.—Concert, Calumet Instrument Quartet.  
10:00 to 12:00 p. m.—Dance music, featuring Herman Kenin and his orchestra.

Program Published as Submitted by the Station.

**Y  
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R**

Transmitting and receiving equipment designed and constructed.  
Radio and technical problems correctly solved.

Questions answered accurately.

Receiver and all other equipment carefully tested, repaired and calibrated.

**COMPLETE WORKING DRAWINGS OF AMERICA'S FINEST RECEIVER.  
ADJUSTABLE OUTPUT TRANSFORMERS THAT MATCH TUBES  
AND GOOD SPEAKERS FOR HIGH QUALITY.**

Transformers and Choke Coils to any requirement. Complete Speech Amplifiers and Control Panels for broadcast stations and public address systems or any parts for same. Punchings and design data for any Core, such equipment including that for tungar battery charging transformers of any capacity and voltage. High grade Resistance Wire, special alloy steels.

**FINEST EQUIPPED LABORATORY ON THE COAST  
COME AND INSPECT IT.**

**Technical Laboratory of N. E. Brown**

Tel. THornwal 0270.

6805 S. Western Ave., Los Angeles



LUTHER J. JENSEN  
Announcer

Seattle, Washington—454.3 Meters

**KFOA**

1000 WATTS—660 KILOCYCLES

Owned and Operated by  
RHODES DEPARTMENT STORE

**DAILY EXCEPT SUNDAY—**

2:00 p. m.—Homemakers and Shoppers' Bureau  
4:30 to 5:00 p. m.—The Times "Afternoon at Home"  
6:00 p. m.—Dinner music by KFO Orchestra

**DAILY EXCEPT SUNDAY AND MONDAY—**

2:30 to 4:30 p. m.—Seattle Radio Trade Assn. Concert Orchestra

WEEK COMMENCING MONDAY, FEBRUARY 21, 1927

**MONDAY, FEBRUARY 21—**

7:00 to 7:30 p. m.—Harold Weeks in popular song program  
7:30 to 8:00 p. m.—Cruise of the Sound Ferry Line Buccaneers  
8:15 to 8:30 p. m.—Industrial News by Manufacturers' Association of Washington  
8:30 to 10:00 p. m.—The Times presents A Studio Program

**TUESDAY, FEBRUARY 22—**

12:30 to 1:30 p. m.—Kiwanis Club luncheon program from the Olympic Hotel  
7:30 to 8:00 p. m.—Pitchford Twins.  
8:00 to 8:30 p. m.—KFOA Radio Bridge Game.  
8:30 to 9:30 p. m.—Cheasty's Inc. presenting Cheasty's Male Quartet  
9:30 to 10:30 p. m.—Mona Motor Oil Company Entertainers presented by P. J. Cronin & Company

**WEDNESDAY, FEBRUARY 23—**

12:30 to 1:30 p. m.—Rotary Club luncheon program from the Olympic Hotel  
7:00 to 8:00 p. m.—Hugh Baird's Ford O'Crat Entertainers  
8:00 to 9:00 p. m.—Northern Bond & Mortgage Co. Orchestra (alternate Wednesdays)  
9:00 to 10:00 p. m.—Maxwell House Coffee Orchestra and soloists presented by Check-Neal Coffee Company from KGW

**THURSDAY, FEBRUARY 24—**

12:30 to 1:30 p. m.—Shrine Club Luncheon program from the Chamber of Commerce Bldg.  
8:30 to 7:30 p. m.—E. R. Butterworth & Sons Orchestra.  
8:00 to 8:30 p. m.—Doc Proela's "Cross Eyed Family"  
8:30 to 9:30 p. m.—Cheasty's Inc. Telo de Luxe

**FRIDAY, FEBRUARY 25—**

12:00 to 1:30 p. m.—Members Council luncheon program from the Chamber of Commerce Building  
7:00 to 8:00 p. m.—Sherman Clay & Company studio program.  
8:00 to 9:00 p. m.—The Mission Bell Concert Orchestra presented by the Los Angeles Soap Company from KGW  
9:00 to 10:30 p. m.—Burke & Farrar's Kirland Serenaders.  
10:30 to 12:00 p. m.—Weekly Frolic of the "Keep Growing Winner Order of Hunt Owl" broadcast from KGW

**SATURDAY, FEBRUARY 26—**

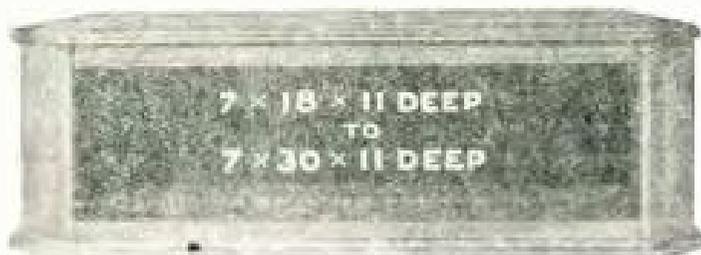
8:00 to 7:00 p. m.—Dinner Music by KFOA Salt and Pepper Boys  
8:30 to 9:30 p. m.—Cheasty's Inc. popular studio program

**SUNDAY, FEBRUARY 27—**

2:00 to 3:00 p. m.—"Red Flying Cloud Concert Orchestra," presented by the Lampink Motor Co.

Program Published as Submitted by the Station

**INFRA DYNE OWNERS!**



Specially constructed to accommodate the Infra-dyne.

Genuine mahogany and walnut finish.

Circular sent on request

**A. & A. FURNITURE CO.**

1117 East 63rd St.

AXridge 7596

Los Angeles, Calif.

# YOUR NEIGHBORHOOD DEALER

FEDERAL AND RADIOLA



and **FEDERAL**  
**Ortho-Sonic**

Two Ways of Saying  
"Radio At Its Best"

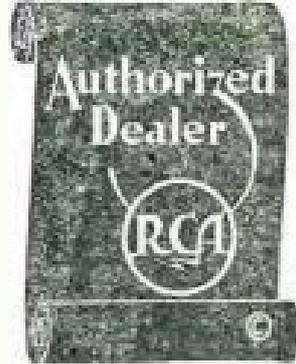
**HETZEL RADIO SERVICE**

"Hetzal Radios Excel"

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Phone GRanite 5874

RADIOLA

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**SCHRADER-ROSS**

3208 West Washington Blvd.  
Open Evenings **EMpire 2966**

SEE PAGE 15 FOR ANNOUNCEMENT OF PRIZE CONTEST

*Your* **ELIMINATE STORAGE 'A' BATTERY**

**BLAX A.C. POLARIZER**

Thousands Throughout the World  
Are Getting Satisfaction from this  
Little "Grief Saver"

Be Sure its a 



Blax Polarizers Are the Standard

It's the Original—Beware of Imitations

**USE BLAX HEAVY DUTY TRANSFORMER**

Especially Designed and Wound  
Furnishes "A" Current for Radio Sets  
**REQUIRED FOR 3 TUBES OR MORE IMPROVES 2 TUBES**

Equip Your Set Now

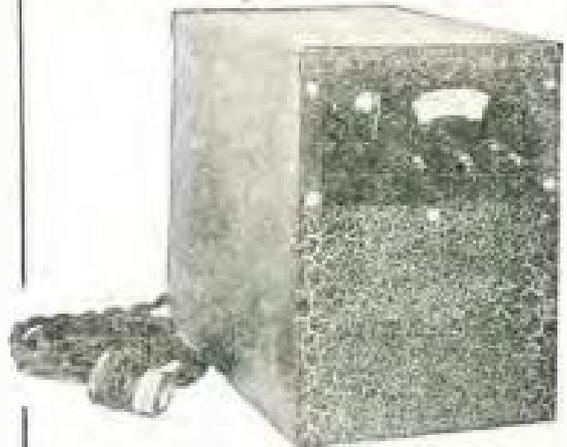
Blax Polarizer (Special).....75c  
Blax Polarizer (Tested in set).....\$1.00  
Blax Heavy Duty Transformer.....\$2.00  
Blax 3-Tube Blue Print.....25c  
If Your Dealer Can't Supply You, Send Now

**BLACK BROS., INC.**

919 Black Bldg.

Los Angeles

**McKinley "B" Power Unit**



**A Perfect "B" Eliminator Giving a Maximum and Constant Power Supply**

Absolutely no hum on local or distant reception.

Designed for the D-X fan

100-Volt Units.....\$20.00  
100-Volt Heavy Duty..... 25.00  
150-Volt..... 35.00

Satisfactory Service Has Made Our Business Grow

Phone York 1828 for Demonstration

**McKinley Radio Mfg. Co.**

10905 S. Main St. Los Angeles  
Excellent Dealer Propnaltion



FREEMAN H. TALBOT  
Announcer

## Denver, Colorado—322.4 Meters

# KOA

930 KILOCYCLES—5000 WATTS  
GENERAL ELECTRIC COMPANY  
Pacific Standard Time  
"Rocky Mountain Broadcasting Station"

DAILY EXCEPT SATURDAY AND SUNDAY—

10:45 a. m.—Weather, Stock and Produce Reports

11:15 a. m.—Organ Recital

5:00 p. m.—Stock and Market Reports

7:00 p. m.—Musical Program.

DAILY EXCEPT SUNDAY—

11:15 a. m.—Organ recital.

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

9:50 a. m.—Service of First Church of Christ, Scientist.

5:30 p. m.—Organ recital from First Church of Christ, Scientist

6:50 p. m.—Service of First Church of Christ, Scientist.

MONDAY, FEBRUARY 21—

5:30 p. m.—Dinner concert, Brown Palace Orchestra.

6:30 p. m.—Children's hour, Denver Public Schools.

7:15 p. m.—Studio program, presented by the Mountain States Tel & Tele Co

TUESDAY, FEBRUARY 22—

2:15 p. m.—Talk, "Gems and Their Romance."

2:30 p. m.—Matinee for housewives.

6:30 p. m.—Farm question box, George C. Wheeler, editor Western Farm Life.

8:00 p. m.—Radio instruction in auction bridge, conducted by studio players.

WEDNESDAY, FEBRUARY 23—

5:30 p. m.—Dinner concert, Brown Palace Orchestra, Howard Tillotson, director.

6:30 p. m.—Wynken, Blynken and Nod time.

7:15 p. m.—Studio program, presented by the Chamber of Commerce, Sterling, Colo

THURSDAY, FEBRUARY 24—

2:15 p. m.—Talk, "Gems and Their Romance"

3:30 p. m.—Culinary hints.

FRIDAY, FEBRUARY 25—

2:30 p. m.—Matinee for housewives.

3:45 p. m.—Fashion review, given by the Gano-Downs Company, Denver.

5:30 p. m.—Dinner concert, Brown Palace Orchestra, Howard Tillotson, director.

6:00 p. m.—"Aggie Kickoffs," Extension service, Colorado Agricultural College, Denver.

8:30 p. m.—Preview of International Sunday School lesson.

7:15 p. m.—Studio program.

SATURDAY, FEBRUARY 26—

9:30 p. m.—Dance program, Scheurman's Colorado Orchestra, from Colorado Club, Denver

Program Published as Submitted by the Station.



JULIAN C. RILEY  
Announcer

## Denver, Colorado—384 Meters

# KLZ

Broadcasting Station of the Reynolds Radio Co., Inc.  
500 WATTS

DAILY EXCEPT SUNDAY—

6:55 p. m.—Weather and DX reception reports

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

5:45 p. m.—Services from Sunshine Rescue Mission.

MONDAY, FEBRUARY 21—

6:00 p. m.—Foster Auto Supply Hour.

8:00 p. m.—"Bobs Hour" from the Rialto Theater.

TUESDAY, FEBRUARY 22—

6:00 p. m.—Denver Powerline Program featuring the Bearcat Trio.

7:00 p. m.—Gold Seal Hour featuring the Gold Seal Concert Orchestra.

WEDNESDAY, FEBRUARY 23—

5:00 p. m.—Darrow Music Company Hour.

6:00 p. m.—Freed-Eisemann Hour from the Denver Dry Goods Studio.

FRIDAY, FEBRUARY 25—

4:30 p. m.—KLZ Movie Club.

8:00 p. m.—Kelllogg Radio Hour featuring the Kelllogg String Ensemble.

SATURDAY, FEBRUARY 26—

6:00 p. m.—Brach Radio Hour or Western Auto Supply Hour (alternate).

7:15 p. m.—Dance Program from Rainbow Lane Shirley, Savoy Hotel.

## Famous Kids

It was perhaps two years ago that little June Giglio first saw an "Our Gang" comedy. From the first she wanted to meet the "Gang" in person.

Meanwhile June, herself, has become famous. She has posed for many nationally used pictures, the best known of which is the poster used by Atwater Kent in his radio advertising through-



out the nation. This poster gave her the nickname of "The Atwater Kent Radio Girl."

Last Friday June's dream to meet the "Gang" was realized. They all had a radio party together, June using her model 32 receiver. The party was declared a huge success. The "Gang" all thoroughly enjoyed the half-hour of radio entertainment, while June was delighted with their antics.

## Sargent to Lecture

E. M. Sargent, the inventor of the famous Infradyne circuit, will give a lecture at the offices of Radio Doings, 400 Allied Crafts Building, corner of Pico and Maple avenue, Los Angeles, at 8 p. m., Thursday, February 24.

All dealers who are building or servicing the Infradyne set, and all fans who own or are contemplating building this well known set, are cordially invited to attend. The lecture will be free and will be illustrated.

*Shows you  
at a glance!*

**WESTON**  
"Pin-Jack" Voltmeter

**BRUNSWICK-BALKE,  
BOSCH, RADIOLA,  
STANDARDYNE, VICTOR**

Saves tubes, trouble, expense; gives better reception and ensures continuous set performance. Shows exact filament voltage.

If you have any other make of set it can readily be adapted to use this helpful instrument by simply installing the pin-jacks provided with each "Pin-Jack" Voltmeter.

**Only \$7.50**

Your Dealer Has Weston Instruments Or Will Get Them Promptly From His Radio Jobber.

**WESTON ELECTRICAL  
INSTRUMENT CORPORATION**  
Weston Avenue, Newark, N. J.

**STANDARD THE WORLD OVER**  
**WESTON**  
*Pioneers since 1888*

**Want more distance?  
Improved tone quality?  
Tired of changing "B"  
batteries or charging  
them?**



**W**HAT you need first is silent and dependable light socket "B" Power. Buy a Sterling and you can be certain that you are giving your radio the "B" Eliminator that provides just the right adjustment to make your set do its best in tone quality and long distance reception, regardless of the number or kind of tubes used.

The Sterling "B" Eliminator is not on trial. Thousands are operating, giving unquestioned satisfaction. Buy your Sterling now — be insured for quality reception.

Model RT-41 illustrated above is for sets using up to 6 tubes and especially for Radiolas 25 and 28—Price

**\$28<sup>00</sup>**

**ALSO RAYTHEON TUBE TYPES**

R-97 "B" & "C" Power Unit.....\$55.00  
R-99 "B" Power Unit.....\$45.00

**Sterling**

**"B" ELIMINATORS**

**DETSCH & COMPANY**

555 Turk Street  
San Francisco, Cal.

1659 E. 16th St.  
Los Angeles, Cal.



## The Ether

By K. G. ORMISTON

In the days when the first wireless dots and dashes were flying around with no visible or tangible means of transit from here to there, the theory of an "ether wave propagation" was advanced to account for an otherwise unaccountable phenomena.

We accepted the idea that radio was a near kin of light, both using the same highway and traveling at the same speed. Things went along without much argument until the range of radio transmission increased to the point where the receiving station was out of sight of the sending station, a chunk of earth intervening due to its natural curvature. "Aha!" cried the skeptic "A beam of light will not go around a corner of its own accord. You must reflect it with something solid like a mirror. How come your radio waves can go 'round corners?"

A gentleman named Heaviside rose to the occasion and replied that in the upper atmosphere fifty miles or so above the earth's surface there had to be something which acted as a reflector for our radio waves, sending them back to earth. This theory was welcomed into the family because it at least was an answer to an unanswerable question. Everybody was so thankful to Mr. Heaviside that things had been so nicely explained that they named this upper something the "Heaviside Layer." Then along came Mr. Einstein and proved there wasn't any ether! He spilled the beans without giving us anything to take its place. Tesla joined forces with him, and then all that was lacking to give the poor old ether the death blow was a few well chosen remarks from Steinmetz. The ether was buried with honors, and the theorizers got busy all over again to figure out what radio might be.

Now it appears that right up here on  
(Continued on page 88)

## R. M. A. A. Welcomes K. G. Ormiston Home

A most instructive and constructive meeting was held at the Chamber of Commerce on Friday, February 11th, under the auspices of the Radio Manufacturers Agents Association.

Most of the prominent manufacturers, manufacturers agents, jobbers and dealers of Southern California were in attendance.

President Scott of the R. M. A. A. welcomed K. G. Ormiston back to the fold with a very excellent talk. Mr.



"SCOTTY"

Ormiston thanked Mr. Scott for his warm welcome and stated how glad he was to be back with his old friends of the Radio industry.

A very instructive talk was given by Mr. Philip Gough about the new Radio Club which has been formed by the jobbers of Southern California.

Mr. J. A. Hartley, President of the Radio Trades Association, told how the industry was progressing and of the bright outlook for the coming year.

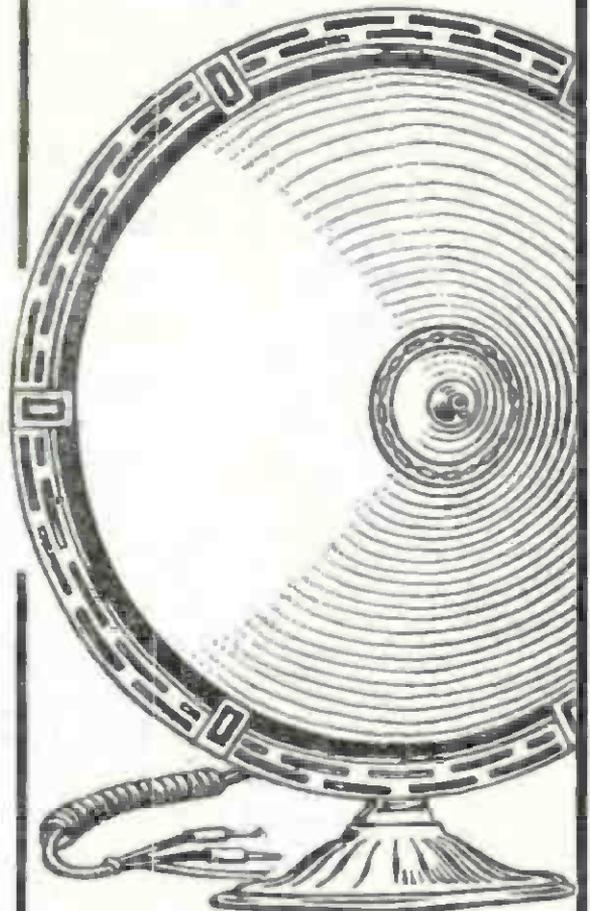
Walter Fagen, Sales Manager of the Electric Corporation, gave some very interesting information about Radio merchandising.

President Scott of the R. M. A. A. cannot be complimented too highly upon bringing together such a representative body of Radio men. There were 61 in attendance.

# Herald

\$13.75

A FREE-EDGED cone speaker, 18 inches high, with protecting metal frame. Compare this handsome new Herald for volume and tone with any higher priced speaker at your dealer's.



**BAKER-SMITH CO., INC.**  
Call Bldg., San Francisco, Cal.  
Selling Representatives for Pacific Coast

## Forbes Van Why to Devote His Entire Time to Broadcasting

Mr. Forbes Van Why, due to the increased demand upon his time as Chief Engineer of KMTR and Chief Consulting Engineer of KGEF, has had to resign as Technical Editor of Radio Doings. Mr. Van Why wishes to express his appreciation of the pleasure



that has been his in the association with the staff of Radio Doings and to the many friends he has made among the readers.

He hopes that by his articles he has been able to give the Radio fans a better understanding of Radio and helped them with some of their problems. Mr. Van Why is one of the outstanding Radio Engineers of the Pacific Coast and it is with extreme regret that we have to announce his resignation.

Mr. Van Why has been in the Radio business since 1912 and has been associated with broadcasting since 1923. He is a member of the Institute of Radio Engineers, Institute of Electrical Engineers and a commissioned officer in the Naval Communication Service.

## Browning Radio Device Arouses Great Interest

John M. Browning invented the Browning Machine Gun. Not to be outdone, Wallace Browning, nephew of the gun inventor and son of Mayor George E. Browning of Ogden, Utah, has invented a wonderful little Radio device called the Antenelimitator.

The simple little device has met with such instantaneous success that orders have been pouring in for them from dealers and jobbers throughout the Intermountain district.

The new device is supposed to entirely eliminate the necessity of having an aerial. It will add to the selectivity and will stop the picking up of all static and extraneous noises.

It is particularly adapted for the use of radio sets in hotels and apartment houses.

The George E. Browning Radio Company is composed of Mayor George E. Browning of Ogden and his sons, Wallace, Harold and Roland.

## Gold Seal Dividend

The Board of Directors of the Gold Seal Electrical Company (manufacturers of Gold Seal Radio Tubes) have declared a special dividend of 15 cents a share on the capital stock of the corporation, payable March 14, 1927, to stockholders of record March 4, 1927.

## The Ether

(Continued from page 86)

our own Mount Wilson some very extensive and very expensive experiments have reinstated the ether. Scientific gentlemen have shown without any doubt that this old solar system of ours is moving through a vast stationary sea of ether, and its "drift" has even been measured!

And now the Bureau of Standards announces that the causes of "fading" exist in the upper atmosphere and not on the earth's surface; that radio transmission, therefore, does not depend upon the so-called ground waves, and that Mr. Heaviside was not all wet.

So we are back where we started from before Mr. Einstein started upsetting things, and now everybody's happy. Long live the ether!

# Radio Broadcasting

By MISS ALLEENE RAVENSCROFT

When we sit down in the evening and tune in our radio, how many of us think of the significance of this marvelous invention? Although we can get comparatively few stations on the average radio set, radio broadcasting has literally run around the world, until there is hardly a port or city on the globe without a transmitting station. The American interests have led in radio developments, particularly in broadcasting, and aided in linking the nations of the world together by the invisible bonds of radio, and yet the other countries are not far behind the lead we have established. There are today fans in every land and broadcasts offered in nearly every language.

While radio has made marvelous strides since the receiving set first came to us, still there are thousands of families who are still without this "necessity" in their homes. In talking to some of those who are denying themselves this modern convenience of bringing pleasure, entertainment and knowledge into their lives, one cannot but be impressed by the reasons advanced. You will always meet the man or woman, even now, who is waiting for the time when radio is going to be revolutionized, some radical changes to be made that will send to the "junk-heap" all present equipment. These people are unfortunate pessimists, and very uncertain just when this marvel is going to happen, but someone they met at a friend's house once told them to refrain from buying a set now. In the meantime these unfortunate people are missing all the wonderful things that are being broadcast daily from our stations.

Radio broadcasting is really a very expensive proposition. First, it costs from \$50,000 to \$250,000 to build, equip and place a broadcast station in operation. Then practically all the music broadcast in the United States is protected by copyrights, which are supported and sustained by decisions of the Supreme Court; which means that the author of the music demands a fee from the broadcaster, in exchange for the pleasure and entertainment his music affords the listener-in. Willingly or unwillingly, the broadcast station pays this fee so that it may give the radio owner the newest and most tuneful music. However, you are always

hearing some person complain about stations being commercialized and programs not being so good; but when you stop and think that the listener-in really pays nothing, and that his entertainment is furnished him absolutely free, you will realize that he has very little reason to complain.

When you know of the enormous expense it takes to build and operate a station you will not be surprised that there is a great deal of advertising or commercializing done through the medium of the radio. However, a station in Los Angeles started out to broadcast nothing but so-called high-class music, with the determination to accept no advertising programs. It was not long before the management found itself compelled to accept paid or advertising programs to meet the high cost of operation.

Although many practical uses have been found for radio, there are many possibilities which only the far-sighted can predict, and only the skilled and expert engineers can carry out.

**famous "Perfect" ONLY**

## "ELIMINATOR 475"

Complete



**FOR ANY SET**  
 Makes "B" Batteries obsolete. Costs much less than a set of cells. Ends plate current troubles forever. Hook it up just as your old batteries were connected. No "frying" noises caused by old cells. Sharper tuning — more power because of steady flow of current through tubes.

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Completely equipped and assembled. Our amazingly low price of \$4.75 covers everything. Just plug in on any light circuit, direct or alternating. Gives power up to 90 volts, using full wave of power supply. Operates any set up to 7 tubes. Thousands of enthusiastic users in all parts of the country.

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Just send \$1.00 now. Pay postman balance of \$3.75 (plus few cents postage) when he delivers your Eliminator. Use it 10 days. If not delighted, return in good condition and we will refund your money. Our guarantee protects you absolutely. Reference—Pearl Market Bank, Cincinnati, Ohio.

**PERFECT ELIMINATOR CO.**  
 5-18 National Theatre Bldg., Cincinnati, Ohio

## Meet William McCabe

Mr. McCabe has been actively associated with the wholesale radio trade here for some years. He is now with



C. W. Smith Company, distributors for Utah Speakers, Walbert and McMillan sets.

## 1927 Radio Show Committee Selected

A meeting was held in the offices of the Radio Trades Association in the Commercial Exchange Building, Monday morning, February 14th.

The following men will serve as the Radio Show Committee for 1927:

J. A. Hartley, Pac. Wholesale Radio, Inc.  
C. W. Griffin, Ray Thomas, Inc.  
Al Meyer, Leo J. Meyberg Co.  
Les Tauffenbach, Western Radio, Inc.  
Lombard J. Smith, Lombard J. Smith Co.  
Clayd Marshall, Jr., Marshall & Co., Inc.  
W. D. Scott, Scott Sales Company.  
C. H. Mansfield, Fitzgerald Music Co.  
John Booth, Barker Bros.  
T. C. Bowles, Western Auto Supply Co.

The 1927 Los Angeles Radio Show will probably be the best and largest Radio exposition ever held in the West.

## I Am False Pride

I have always refused to take the advice of those whom I had every reason to believe loved me.

I would rather "bull" it through myself without understanding, because that gave me a certain satisfaction—negative, I'll admit, and making me and others unhappy, but there was still false pride to be appeased.

I have never had any happiness, and do not expect any, so consequently I must abide in misery.

I have been too stubborn, too false willed to do the thing that I, in my heart, knew was the good thing to do.

I have let petty, unreasoning jealousies creep into my soul and poison me. That thing I call pride would not let me do otherwise for, after all, I would rather have my own way than be right.

Am I not Mr. False Pride?

## I Am Love

I am love, the universal language.

I am the highest pinnacle of your thought, the most essential thing in life.

To possess me is to possess all, for I am the one true foundation of existence.

I am your shroud, to be made visible or invisible, at your will.

You may cover me with sensuality, discord, hypocrisy, dishonesty, or you may refuse to accept these parasites as part of your being.

If you do you will feel a new glow, for I will manifest myself into the innermost fibre of your soul.

If you accept me, I will make you omnipotent for—

I AM LOVE.

(Contributed by—

HEARL LAVERN CROWTHERS, D.D.S.

6630 Sunset Boulevard,

Hollywood, Calif.

(Editor's Note—Many of our good friends express themselves in verse rather than in prose. We hope the two short poems above will be accepted in as enthusiastic a manner as they were written.)

## Timely Trade Topics

W. H. Trimm of the Trimm Manufacturing Co., Chicago, is arriving in Los Angeles on February 19, with his family and will make his future home here. He will be the guest of Carl A. Stone, Pacific coast representative for the Trimm Company for a few days.

F. D. Kinmore, Pacific Coast representative for Bosch Radio, has just returned from San Diego, where he has appointed Gavin & Co. of San Diego as distributors for San Diego and Imperial Counties for the Bosch line.

Goslien Radio Products Co., of Huntington Park, Calif., report an increasing demand for GOSLICO Super Aerial Wire. Foreign trade is being developed due in a large measure to the interest in trans-oceanic reception. The wire is now electro-plated entirely in their own plant.

J. A. Hartley, of the Pacific Wholesale Radio Company and president of the Radio Trades Association of Southern California, has been called for grand jury duty for this year. With men of this caliber serving on the grand jury we can all rest assured that everyone will get a square deal.

In giving a description of the Haddaway Short Wave Set in a recent issue we gave a wrong address for the Haddaway Manufacturing Company. Their correct address is 1806 South Hoover street, Los Angeles.

The Velvetone Radio Corporation, formerly located at 3729 Avalon boulevard, are now located in their new factory at 237 South Figueroa street.

The new factory is of the most modern design and has in the access of 9000 square feet for manufacturing purposes.

Black Bros., Inc., are introducing a heavy duty bell transformer especially designed and wound to operate the radio from electric light socket. The Blax Transformer, a product of a great deal of experimenting and testing, is used in connection with Blax Polarizer on sets having crystal detector. Among other advantages it has double the capacity of the ordinary bell transformer, which is very necessary for three or four tube sets.

Electricians all know that it is dangerous to overload all electrical devices. The ordinary bell transformer is not designed to be operated beyond its capacity for hour after hour, as is the case when it is used to supply current for a radio set.

The new CeCo Radio Frequency Amplifier tube has been anxiously awaited by the fans, and the local jobbers are already swamped with orders which they are unable to fill. The tube is designed especially for amplification at radio frequencies and is the first tube intended to fill the requirements of that single function.

The amazing efficiency of this new CeCo tube when used in the R. F. end of a modern receiving set is a revelation of tube development and will be a great factor in the general advancement of radio. This tube lists at \$3.00 and is a worthy companion of the famous CeCo "H" detector tube that so quickly captured the market.

Mr. Wallace Browning of the George E. Browning Company of Ogden, Utah, has been spending the last week in Los Angeles and Southern California introducing to the trade his new device, the ANTENELIMINATOR.

The Scott Sales Company of 443 South San Pedro street will be the Southern California sales agents.

## Don't Go 'Way!



Charlie Wellman, popular announcer and entertainer, has severed his connection with a suburban station and is back in Hollywood. He will soon be heard on the air in an original and novel idea in program presentation.

### IT SHOULD BE

Customer (to photographer who has been in business only a short time): Well, how's the photography business?"

Photographer: "Oh, it's developing."

## Heavside Theory Is Supported

The Bureau of Standards has concluded a series of tests in connection with the variation in the intensity of radio signals commonly called "fading." The results indicate that these variations are caused in the upper atmosphere at a height of 62 miles or more, and not in the portion of the wave traveling along the ground. Their report indicates that radio transmission over any but a short distance depends upon the waves reflected back to earth from the upper atmosphere, and not upon the so called "ground waves."

## The President Speaks

(Continued from page 23)

tions linked together by a network of telephone lines. The range and location of the stations on the loop is such that the entire country will be blanketed.

The Pacific Coast stations to be included in the chain will be KFI, Los Angeles; KPO, San Francisco; KGO, Oakland; KGW, Portland; KOMO, Seattle; KFOA, Seattle, and KHQ, Spokane.

The date—Tuesday, February 22nd. The hour—9:30 to 10:30 a. m., Pacific Standard time.

**SEE PAGE 15 FOR ANNOUNCEMENT OF PRIZE CONTEST**

## STANDARD RADIO CO.

417 West Pico Street, Los Angeles, Calif.

## FADA, ATWATER KENT AND WESTERN ELECTRIC DEALER

We Carry a Complete Line

Open Model Atwater Kent Wave Length Cut Down to 200 Meters.  
We Are Also Making a Specialty of Sharpening Tuning in Any Radio Set  
2-Tube Harkness Changed to 3-Tube, Guaranteed Perfect Tune-Out on Local Stations

Telephone Westmore 1560

Open Evenings Until 9 o'Clock

## Broadcasters' Digest

A broadcasting station at Chula Vista, Cal., was recently closed down by Col. Dillon, radio supervisor of the Sixth district. The station had come on the air without having first obtained the necessary license from the Department of Commerce. While the government no longer has jurisdiction in the matter of wave-length or hours of operation, the law requiring that both the station and its operators be licensed is still very much in effect, and Col. Dillon has announced that violators will be prosecuted. More power to him!

Fannie Brice made her first appearance before a microphone at KNX recently. She is here with the Music Box Revue and during the opening night the moving picture celebrities and other important personages of Hollywood were introduced over the air, and, later on, Fannie herself and other members of the cast were heard.

Art Mace and his orchestra, playing nightly at the Rendezvous Ball Room, Santa Monica, are now broadcasting over Station KNRC on Tuesdays from 1:30 until 2:30.

This is one of Southern California's most popular dance and radio orchestras, and we know the "fans" will be glad to again hear them on the air.

A long-time series of Community Programs began Monday, the 14th, from Radio Station KMTR. These run daily except Sundays, between 12:30 and 1:30. Radio owners hear programs sponsored by the business men of the various communities. This feature is under the direction of Walter Biddick and is one of several innovations which this experienced program director will present from various local broadcast stations.

The new radio law of 1927 provides a penalty of a jail sentence and a fine of \$1,000 for anyone who knowingly utters a slanderous remark by radio. The public will at last be relieved of having to listen to the person who, in the security and seclusion of a broadcast studio, bravely slanders anyone he happens to have a grudge against.

Another interesting provision is that after the first year, any listener-in may enter a protest against the renewal of a license to any station in the United States.

Warner Brothers' Radio Station KFVB is the only one possessing a lady announcer. She is Miss Louise Sullivan of the trio that bears her name, which nightly plays from 6:00 to 7:00 at KFVB.

James W. Foley, distinguished California poet, will be a welcome addition to the KHJ program hereafter once a month. The well known Pasadena literary critic reads his own creations as well as other numbers.

The Don Lee organization, owners of station KFRC, San Francisco, have placed their order with the Western Electric Company for a new station of 1000 watts power. The new plant will be located on the Don Lee Cadillac Building on Van Ness avenue, the antenna being supported by two steel towers 125 feet high. Formal opening will be about the end of May. The studio will continue in its present location in the Serman, Clay Company building.

*Dumb:* "I don't see them wearing patent leather shoes any more."

*Belle:* "No, the patent must have expired."—*Science and Invention Magazine.*

# The 1930 Radio Receiver

Sounds funny—but it's true. Thousands of them are already in operation and the owners of these sets are hearing stations on the loud speaker which were ordinarily inaudible on the average 10-tube radio set. This new 1930 receiver is the **INFRADYNE**, sponsored by "RADIO" (Magazine), San Francisco. In the March issue of "RADIO," which most news dealers will have on sale in your vicinity on February 25th, the **INFRADYNE** is more fully described and many practical hints are given on its operation with a set of battery eliminators. Get the whole story of the **INFRADYNE** in the **OFFICIAL INFRADYNE MANUAL**, by Sargent and Rayment, the inventors of the circuit. This complete manual sells for twenty-five cents, postpaid. Drop a quarter in coin in an envelope, mail it to us and we will send the booklet to you postpaid. It's a story well worth reading and tells you what the 1930 radio set is like. Only a few hundred copies left. Orders must be received now to insure delivery.

## Pacific Radio Publishing Co.

Pacific Building - - San Francisco

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**Announcing Our Appointment**  
as  
**DISTRIBUTORS**  
for  
**SOUTHERN CALIFORNIA**  
for the Complete Line of



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Prompt attention given Mail Orders. Deliveries  
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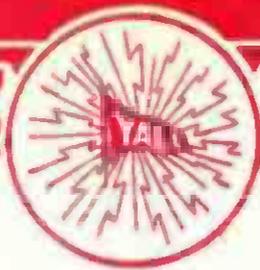
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Housed in the most beautiful furniture on the market today.

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Ten Beautiful Models to Choose From  
Priced from \$100 to \$1000

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RADIO TUBES

Since 1915-  
Standard for all Sets  
In the orange and blue carton

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