

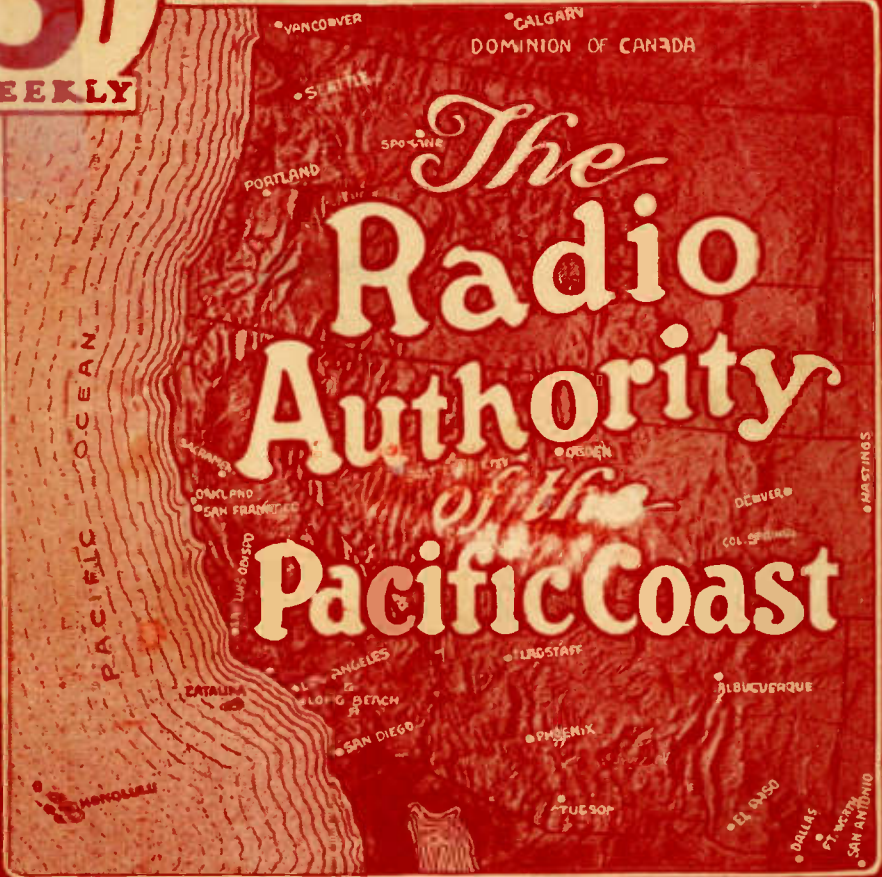
RADIO DOINGS

THE RED BOOK OF RADIO

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LEADING BROADCAST STATIONS · DETAILED
DAILY PROGRAMS · LATEST RADIO NEWS

5¢

WEEKLY



Vol. VII

NOVEMBER 1-7, 1925

No. 18

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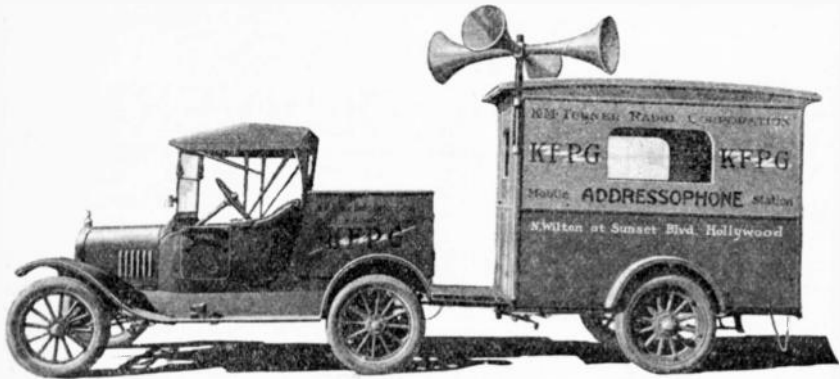
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Vol. VII Los Angeles OCTOBER 31, 1925 San Francisco No. 18

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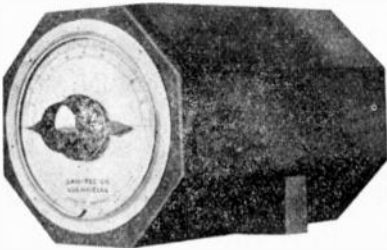
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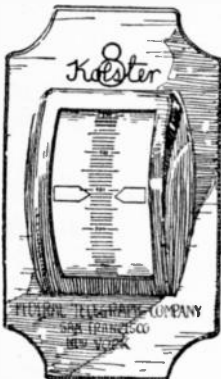
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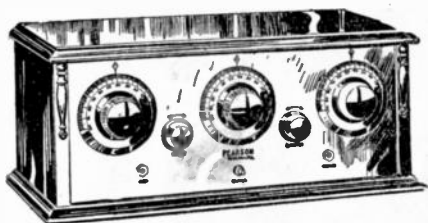
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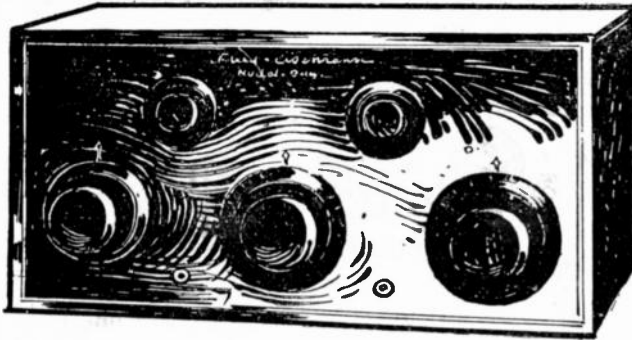
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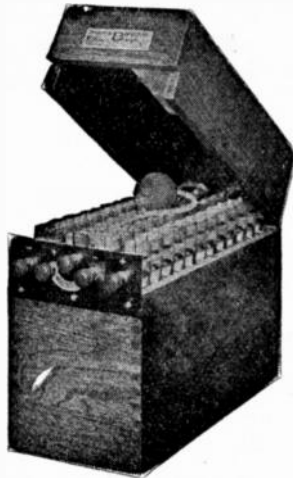


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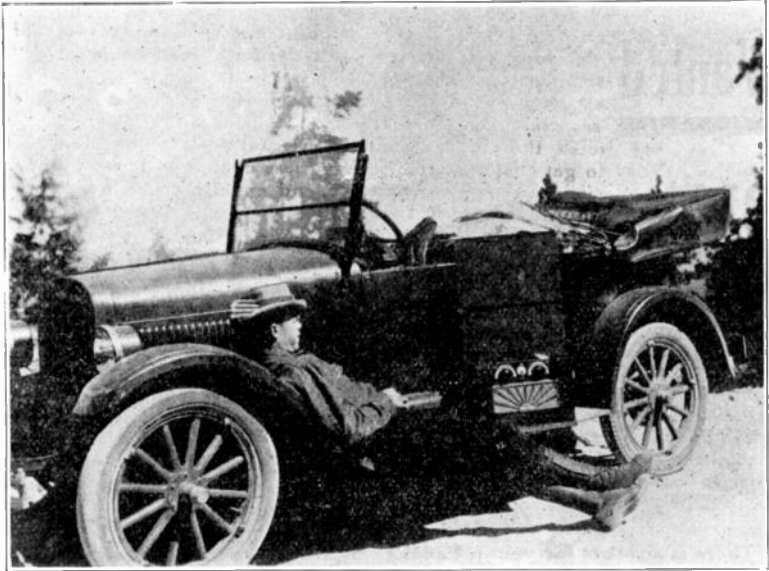
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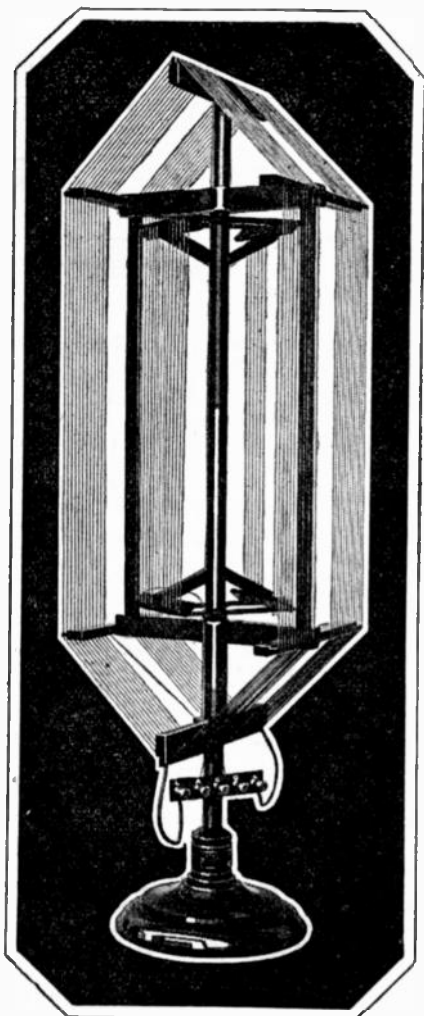
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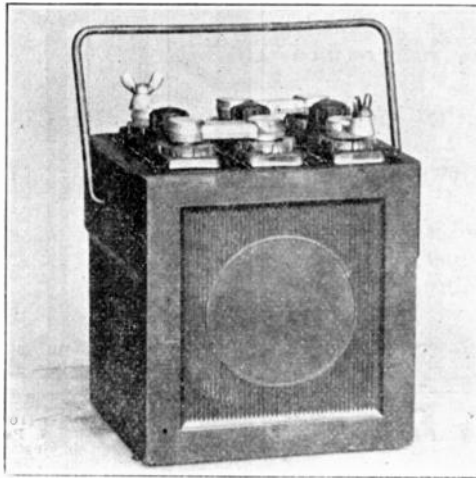
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The Editor's Opinion

The Family Gee-Gaws!

It is a funny thing how easy it is for most of us to go all wrong on our sense of proportion and comparison. We'll stint on one thing and squander on another and half the time don't even know why. Thousands upon thousands of us will mortgage our last belonging or pawn the wife's gee-gaws to be able to sit at the steering wheel of any old thing that has a gasoline odor and four wheels to spin. We'll skimp and save for months to acquire a bit of junk that goes out of fashion over night and loses ninety per cent of its value. We'll sign a contract, closely printed in tiny type, purposely made difficult to read, binding ourselves to pay ruinous rates of interest for something we know we are paying three times too much for. We'll squander and waste and shout "Hurrah!" without end.

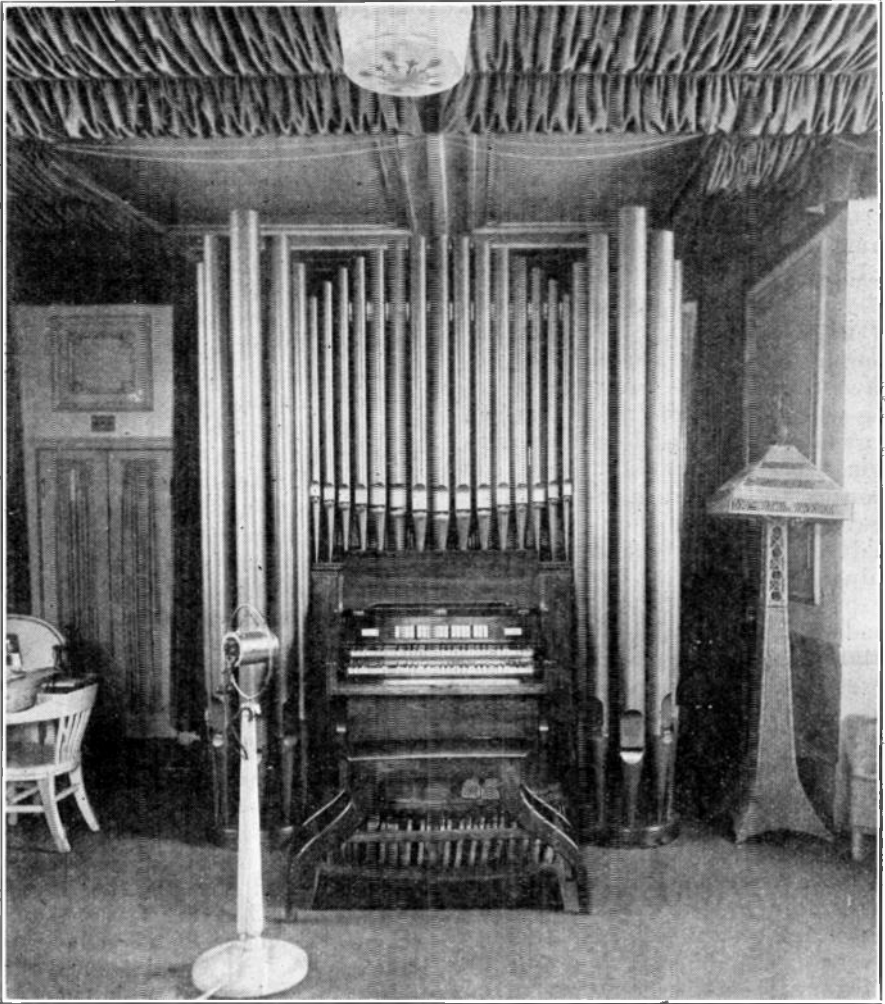
Yet when it comes to buying a radio we'll sit down and write to Radio Doings to try to find out how we are going to get the very best radio on the market for the very least amount of money. Every day the appeals come in for information as to how to make combinations of junk gathered here and there perform like the finished product of factories that employ the best scientific brains on earth.

The fact of the matter is that Radio Doings considers it akin to sacrilege to advise anyone to indulge in economies in equipping

the home with the proper kind of a radio set. Your automobile, your phonograph and everything else you have accumulated during the past twenty years has its place and its value and we must not underestimate what we owe them, what they have done to help make life worth living, but when you talk of your radio receiving set you want to think of it as your family altar, as your holy of holies, because just as sure as you're able to sit up and read these lines, radio is going to do more to revolutionize life, to open the paths to higher learning, to bring about real civilization than any other factor that has entered our lives since time began. Radio is the heritage that we of this decade are bestowing upon posterity and it is the richest one yet given to the sons of man.

Please, do not ask Radio Doings how to save money on your radio. If you must save money do it somewhere else. Cut out the hundred little foolishnesses that take all your small change, economize in other fields but do not rob yourself of your place in the march of progress. With radio in your home you're in tune with time to an extent that has never before been possible to you. You're among the living. For ages the great mass of us haven't even had a chance to be spectators as we passed on our way to eternity. Radio links you to space and time as you've never before been linked. It makes you belong. You're part of the world!

Built Especially for Radio



The famous studio Casavant electric pipe organ of Station CKAC, Montreal, Canada. The curtains above the organ, are drawn open and show how the elaborate curtain system can be worked. No instrument reproduces more faithfully over radio than the organ. The peals of this instrument are said to be heard with remarkable clarity.

The Why of Radio

By K. G. ORMISTON, A. M. I. R. E.
Technical Editor Radio Doings
Broadcast Engineer, KFSG

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

In the last two installments we have been talking about vacuum tubes and very, very gently and gingerly we brushed over one or two of the principles that control the functioning of the brutes. It was like feeding you the chocolate coating on the pill, and trying to make you think the nice candy was the whole pill, but I guess we may as well 'fess up and tell you the worst right now. There would be no use in letting you think I had "learned" you all about vacuum tubes, and then to have you suddenly start some real thinking rather than take my line for granted, and find there were a lot of questions you couldn't answer. So everybody that has enough nerve, hold everything and stick with it. Here goes!

For example the ordinary reader who has been following these outbursts of mine, would probably think, "Well, that sounds OK, I guess I savy this tube thing pretty well." Yes? Let me ask you one simple question. "Without any radio signals coming in, we have a steady direct current in the plate circuit. Now, with arriving signals, the variations of radio frequency impressed upon the grid from the tuned oscillating circuit will result in corresponding variations in the plate current. But these variations are of radio frequency, and so rapid that no telephone diaphragm could possible vibrate that fast. The diaphragm will be influenced by the AVERAGE value of the plate current, 'tis true, but if the plate current increases as much as decreases in each cycle, the average would still be just the normal steady B battery

current and the effect on the diaphragm zero. How, then, does the vacuum tube operate as a "detector," so that the headphones will produce audible sound?"

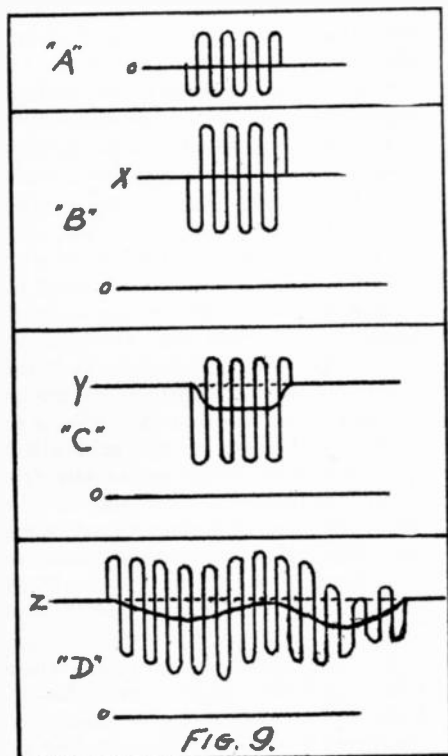
The lowly grid-condenser does the trick. Look at Figure 8 of last week for a moment. Take out the grid condenser and the leak. Now as we have the steady oscillating back-and-forth current in circuit L2-C2, the condenser C2 will discharge a part of it's energy into the filament-grid circuit, and the grid will be charged first positively and then negatively, in step with the charging and discharging of condenser C2. These variations in voltage on the grid will be equal naturally, reversing rapidly from positive to negative but equal in value. They will then also quite naturally produce EQUAL variations in the plate current, because one moment the grid will assist the electron stream and the next oppose it, the force being equal in each case. The variations in plate current will be greatly amplified over the grid variations, of course, and we have both rectification and amplification but we lack DETECTION, or the ability to reproduce audible sound because the AVERAGE plate current will be the average between the two equal but opposite impulses in each cycle, or zero.

The secret of detection then may be stated like this—Equal variations impressed upon the grid must produce unequal variations in the plate current. In other words the impulses on one side of the normal plate current value must be greater than the impulses in the reverse direction, and then we will have

The Why of Radio

an average value which is not zero but on the side of the heavier impulses, and audio variations in this average plate current due to the radio frequency variations will cause diaphragm movement.

This is graphically illustrated in Figure 9. At "A" we have the curve repre-



sented the oscillations in the tuned circuit L2-C2. Without the grid condenser, we will find this same wave train, amplified, as variations in the normal plate current. (Illustrated at "B"). The average value, is of course, the straight line X. Now for detection we must cause the tuned circuit current "A" to so effect the grid that the effect in the plate current will be like "C," where the variations are unequal, that is greater in one direction than in the other. Our aver-

age then becomes "Y," and our radio frequency variations are effecting the diaphragm in weakening the pull of the normal plate current.

All that is necessary to accomplish this effect, namely to have the equal variations of the received energy, produce unequal variations in the plate current, is to operate the tube under certain definite conditions. These conditions are obtained by the use of the correct negative normal grid potential, a condition maintained by the use of the grid condenser. It is the presence of the grid condenser that always indicates the detector tube, because it is the grid condenser that makes that tube "detect," or establishes an average plate current which follows the audio frequency variations. In the multi-tube radio set, tubes ahead of the detector amplify the radio frequency oscillations, the detector tube has in its plate circuit the slow moving average value with the audible variations, which are then amplified in the following tubes. The tubes following the detector are called audio-amplifiers, because of the nature of the energy which is passed through them, due to the change which has taken place in the received energy due to the detector action.

At "D" in the diagram we illustrate the plate current of the detector tube when a carrier wave with audible modulation such as a radio program is being received. The average line "Z" represents the audio variations. As long as we use tubes without grid-condenser we are amplifying the radio frequency carrier wave, then the detector tube brings about the effect shown at "D," and the tubes following behind the detector amplify this "Z" value (audio frequency) and finally deliver it to the loud-speaker.

(To be continued)

Give the set a weekly sun bath to keep out the moisture.

An Easy Way to Pick Up Short Waves

There are many occasions when the listener wishes to use a separate tuning device—either for shorter wave signals, or longer wave signals, or for carry-on experiments with a new type of broadcast receiver, covering the normal frequencies, etc., etc.

When such is the case, the usual procedure is to disconnect the "A" and "B" batteries, antenna, and ground, and hook them up to the other set. Also, much time and expense is often given to adding an amplifier, changing connections, etc., and occasionally a flock of burned-out tubes results from hasty changing.

It is the object of this article to explain a simple way of avoiding 95% of this trouble, thereby making it only a moment's work to connect any desired set of any wave-length to your present set, with practically no trouble at all.

Materials required are:

Nine feet of lamp cord; 6 feet of which should be of 1 color, and 3 feet of another color.

One burned out tube with standard base.

Small amount of sealing wax.

The six-foot length of lamp cord is cut in half, thus giving three lengths of lamp cord, each 3 feet long; two being, say, black, and the other, say green.

Making these wires fast to the terminals in the old tube base. Use the two lengths of same color to go to the filament prongs, and the other one to the plate prong. No wire goes to the grid prong—leave it alone.

After securely soldering wires to prongs, stuff a little scrap paper around them to protect the insulation; then pour in melted wax. This will hold wires firmly in place.

Now, for using this "adapter."

The detector tube is removed from the standard set, and the "adapter" plugged into its socket. The two filament wires are connected to the "A" Battery posts, and the Plate lead to the Positive

"B" Battery post. The aerial lead is removed from the standard set, and connected as usual to the set being tried out. The telephone binding posts of the latter are also shorted with a short length of wire.

This will automatically connect the extra set to the regular set, and permit the latter's amplifier to be used with the new set.

A few words of explanation will perhaps be in order here. The ground wire and negative "B" Battery lead are nearly always automatically connected through one of the filament leads of the standard set. If your set does not happen to be so connected, remove the ground lead from the standard set and connect it on to the ground binding post of the experimental set.

If your broadcast receiver uses WD-11 or 199 tubes, use a burned out tube of the same style for making the adapter.

The auxiliary set, if of one tube only, can have its filament current controlled by the rheostat on the standard set which handles the detector filament; or, if the standard set has a separate rheostat for its detector, this may be opened wide—that is, turned on as far as possible, and the auxiliary set may have two or more tubes (such as one radio in front of the detector, or one audio after the detector, etc.) and have its own filament rheostats.

This method cannot be too strongly recommended to anyone who wishes to explore other frequencies than the limited band covered by the commercial broadcast receiver, as it keeps the latter intact and in shape to put back into use for receiving broadcasts at a moment's notice.

Also, there is a surprising amount of music on extremely short waves. KDKA, Pittsburgh; WGY, Schenectady; KFKX, Hartsings, and others, will greet you on waves far shorter than any broadcast receiver can tune; and the sharp tuning, absence of static and interference, etc., will be a welcome change occasionally.

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Questions and Answers

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By K. G. ORMISTON
Technical Editor, Radio Doings

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

QUESTION—I desire to install in my set, which is a Radiola Superhetrodyne, the new straight line frequency condensers. I have been given to understand that the condensers now in the set are .00075 mf., a size not obtainable, the most ideally-lighted and the most to my knowledge, in S. L. F. form. Can you suggest a method of using .0005 mf. condensers, or would you advise using two pair of double condensers, the total capacity of each double unit being .0007 mf. If you advise the use of the latter, should the two halves of the double unit be connected stator to stator and rotor to rotor, in order to get a maximum of the sum of capacities in each half.

EMILE GORDON, San Francisco, Cal.

ANSWER—Would advise substituting the same capacity, as using .0005 mf. condensers would so reduce your upper wave-length limit as to clip off KLX, for example. If you try the double condenser idea, connect stator to stator and rotor to rotor to add capacities.

QUESTION—Is there any way of ameliorating this terrible nuisance of the wig-wags? It is nonsense to say that if the notice of the R. R. officials is called to it they will doubtless remedy it. They would laugh in your face. Of course, no one is fool enough to expect them to stop their trains or the wig-wags, but if, without great expense, they could choke off the noise a little, and so earn the gratitude of many listeners, they ought to do so. I live within 100 feet of the Pacific Electric and cannot use three tubes because the noise is so terrible, and for blocks on

either side one can hear them whacking away out of the loud speaker. It seems to me that instead of ramming us millions of listeners down to the short waves, which are so hard to get and where the fading and noise is so aggravating when you do get them, the authorities would do a noble deed if they would boost us up a little. Say, from 300 to 700 meters, and see if they couldn't find something else to put down there. Doubtless it would be good for the dealers to have the band extended to 150 meters, but expensive and unsatisfactory to the listeners, for they will all have to buy new material or sets, whereas all probably over-run the present higher limit.—PORTER BALL, Colton, Calif.

ANSWER—The only way of remedying this trouble is for the railway company to equip their wig-wag system with filters, shielding, or both. And they will not laugh in your face—they will consider all complaints seriously and where sufficient evidence of interference with the enjoyment of a large number of people is brought before them, I believe they will take steps to eliminate the interference. In reply to the second portion of your letter, I can only say that you do not understand the situation. The short waves are by far the most desirable of any, for many reasons. To begin with, between 600 and 700 meters, should the band be extended in that direction, and assuming that stations are kept 20 kilocycles apart, there would be room for only three more stations, because there is only 71 kilocycles difference between 600 and

Questions and Answers—Continued

700. Extending the band down from 200 to 100 meters, however, we add 1500 kilocycles, and room for 75 new stations! Are you familiar with the short wave work of WGY and KDKA and the fact that KDKA has been received with sufficient volume for re-broadcast purposes in Australia, a distance of 10,000 miles, and that he may be received in Los Angeles at 4 o'clock in the daytime on one tube? Increased daylight range, and less static are other attractions. On the other side, however, the broadcast band cannot go up, because of the presence of the commercial land and marine stations on 600 and 700. The radio traffic that is handled in this band is worth millions of dollars per annum to commerce and industry as well as assuring the safety of the many hundreds of thousands of lives constantly upon the sea.

QUESTION—Is it necessary or desirable to ground a pipe mast aerial post, that is placed on top of a building in order to insure lightning protection? What would be the approximate cost of the material for an underground antenna? Just how sharply directional is it? In other words, if I had one pointed in the direction of Los Angeles, would I be able to hear San Francisco and other stations up the coast on the same antenna. What is your opinion of the radio-phonograph combination? Will the phonograph tone chamber when used as a loud speaker give results equal or better than the average loud speaker?—**BERNARD GERMANN**, Ventura, Calif.

ANSWER—Yes, ground the pipe mast by all means. An experimental one should cost but a few dollars. About 75 feet of telephone lead-sheathed cable, buried 2 feet deep. Lead-in of the same cable tapped to the center of the 75 ft.

piece. The joint where tapped and the two open ends sealed so as to be water tight. The lead-in brought to the aerial post of the set, in lead all the way. A separate ground wire to waste-pipe on ground post of set. This arrangement will receive in both directions along the line of the aerial. Some phonograph tone chambers in conjunction with certain attachment units reproduce very satisfactorily, but there are more radios operating through phonograph horns poorly than well.

QUESTION—I have a DeForest D-12 and it is recommended that I use a 40-foot aerial. Now the house that I live in is surrounded by tall trees, and I believe that it is necessary that I get above them, and if I do so my lead-in alone will be over 40 feet long and my tuning will be too broad. If you could help me in any way it will be greatly appreciated.

A. D. PITTMAN, Sugar Pine, Cal.

ANSWER—Would not suggest that you connect an outside aerial to the set, but rather use an antenna tuning unit coupled with your loop. You may then use a fairly large antenna without fear of sacrificing selectivity. Put up a good aerial above those trees, and bring it in through your tuning unit and out to ground. Then couple the box with your loop and you will have the greatly increased signal strength and range afforded by the big antenna without too much loss in selectivity. The advertising columns of Radio Doings will help you in selecting the antenna tuner.

Two new radio classes are starting at the University of California extension division. One began Friday, October 30, and the other starts Wednesday, November 4, both meeting from 7 to 9 in the evening. Registration is taken at 815 South Hill Street, Los Angeles, Calif.

Radio Topics of the Day

A Weekly Review of Radio News, Thought and Opinion

RADIO vs. MOB THINKING

Since broadcasting has been developed the world has taken to itself new ears, writes Dr. Frank W. Elliott, vice-president of the National Association of Broadcasters. It no longer listens on a single party line, but brings the world to its drawing room. The whole world is now on speaking terms, and the human ear is now so sensitized that a watch-tick in San Francisco may be heard in New York. Enough has been said already to indicate the place and power of radio—now just a hint of what it may become in politics.

For over two years the farmer has been getting his weather reports, his grain prices, his stock markets and other useful hints by radio—Why not his politics? He has grown tired of the wife flattering, baby kissing, hand shaking, long winded constitution jammer type of politician. The radio has come to his rescue in this as in other ways. It has given him a chance to hear things new to him. It saves him driving miles on a hot day only to find himself on the fringe of the crowd unable to hear; that too is a thing of the past. He tunes in, and it matters not where the speaker is, a hundred or a thousand miles away, he always has a front seat. He can finish his chores, work up to the last minute, and when the speaker concludes he is still at home with his family.

And what is true of the farmer is also true of every other citizen. He can weigh thoughts in his arm chair better than if jostled or influenced by a crowd. He can measure the idea and be him-

self all the time he is doing it, which in mob psychology is more or less impossible. Then, too, he can hear all sides, all parties are at his ear; and when a man sits by his own fireside, listening, and in a meditative mood, the future of American politics is far safer than when under the spell of arms, legs and words, hypnotically arranged and thoroughly organized by some spell-binder. While it is true radio has not yet been universally adopted, yet its very usefulness makes it a greater necessity, and in the near future one need scarcely be a prophet to forecast that almost every-up-to-date home in America will have its built-in radio which will be demanded by all who either rent or buy a home.

A SOUVENIR PARADISE!

Found! A souvenir hunter's paradise! For instance, if your hobby is nick-nacks such as toy balloons, pin-cushions, foreign coins, pencils, pictures of bathing beauties or blotters, get a job at a broadcasting station.

On the other hand, yours may be an Annie Oakley complex—complimentary tickets to dog shows, picnic resorts, theatres, cafes, dances, rodeos and county fairs. Still, however, the answer is simple—get a job at a broadcasting station.

Finally, if your souvenir hoarding fancy runs to metalurgy—gold nuggets, tin whistles, brass paper weights or galena crystals such as are employed in crystal radio sets, then, according to the School of Experience at Denver—KOA—get a job at a broadcasting station.

Radio Topics of the Day

A Weekly Review of Radio News, Thought and Opinion

After ten months on the air, the Rocky Mountain broadcasting station of the General Electric Company now boasts a trunk full of listeners' tokens. Most valuable of these, it is said, is a gold nugget, believed to be the first souvenir of its kind ever sent to a large broadcasting institution. Accompanied by an unsigned California letter, this nugget was extended "as a token of appreciation for KOA'S fine programs."

"AIR COLLEGE" IS NOW OPEN

New York University, pioneer in radio education, has opened the third year of its "Air College," broadcasting directly from classrooms in Washington Square, through station WJZ, New York, Radio Corporation of America, every Monday night from 6:30 to 7. The course ends January 22, 1926.

The curriculum will include philosophy, psychology, physics, the classics and their influence, and economic organization in the United States. Emphasis has been placed on these subjects, fundamental to a liberal education, because of the great interest in cultural subjects on the part of last year's radio students, according to Professor Hathaway.

For the first time, the "Air College" will present to its students series of lectures running throughout the semester. The program will consist of one lecture each week on each of the five courses, corresponding to classroom routine.

Members of the faculty will speak to radio classes at the same time they are presenting their subject to a group of students in a classroom in the Wash-

ington Square Building of the University. A room in this building has been especially prepared for broadcasting, in order to create as much as possible of the class room atmosphere for the students outside the University walls.

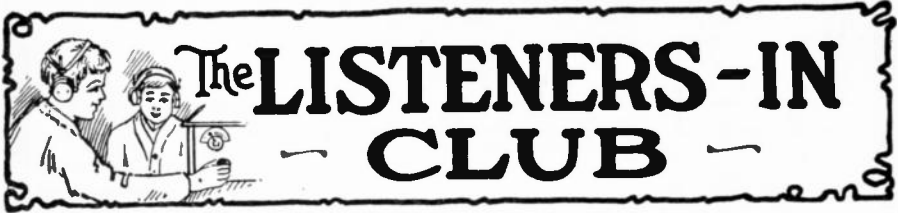
PLAY BRIDGE BY RADIO

Learn to play bridge by radio—or if you already play—learn to play better. This is the latest broadcast feature.

Arrangements have just been completed, it was announced today, for KGO to broadcast bridge games on every Tuesday night for 24 weeks, beginning November 3, between 9:30 and 10:00 o'clock. Each bid and play will be explained in detail so that listeners can play the game while listening in to the experts.

Each game will be prepared by Milton C. Work and Wilbur C. Whitehead, internationally known bridge authorities of New York City.

Games played will illustrate "the original bid," "the secondary bid," "the take out," "the informatory double," "the denial," "the assist," "the business double," "the four-card suit bid," "how to gain the best bid for the combined hands of partners," "the correct opening lead," "partner's response," "the come-on signal," "the down and out signal," "the proper discard," "when to take a finesse and when not to," "the obligatory finesse," "the obligatory duck," "the "squeeze play," "the strip play," "how to plan the play," "deduction," "the doctrine of chances," "exit cards," "throwing the lead," "and practically all the other conventions and principles of the game."



October 23, 1925.

Editor Radio Doings,

I am very much interested in letter from H. G. Hamilton, Long Beach, in your No. 17, October 25-31.

I have a Radiola Super Het. with R. C. A. loud speaker, dry cell batteries and indoor headset. What I cannot get on loud speaker I do not make an effort for.

With above equipment I have heard with good volume and clarity between 6:30 and 10:30 p. m. Pacific Coast time the following stations outside of Los Angeles:

KFWO Catalina, KFON Long Beach, KPO San Francisco, KGO Oakland, KLX Oakland, KGW Portland, KLS Salt Lake, KOA Denver, KFK Hastings, KYW Chicago, WHT Chicago, WOC Davenport, WSAI Cincinnati, WLW Cincinnati, KDKA Pittsburg, WFAA Dallas, WBAP Fort Worth, WOAI San Antonio.

Have not hear WGY, Schenectady, either on its regular power or on Saturday or Sunday nights when I tried repeatedly during August when they used the 50 K. W. power for testing. I failed to get that station, who did, and is getting it now with loud speaker volume? If it is being heard, what make of set, with what equipment, and what hours, our time and on what days of the week can the station be heard?

The stations I name have all been heard within past week. I did hear WGY last winter during February and March. Also WBZ Springfield, but not since. Thanking you I am,

G. F. WARREN,
811 Fifth Street,
Santa Monica, Calif.

Dear Editor:

I can't tell you how glad I was to see "Letters to the Editor" back, and as interesting as ever. Let's keep it now. It is a dandy thing, sort of a melting pot for Radio grievances, hard luck and good news.

Much has been said about a silent night in Los Angeles. I am heartily in favor of it. I don't think it is going to hurt the pride or traditions of any station to close down one night each week. I think it would be best to have all the stations in L. A. close at 8 p. m. on the dot one night each week. It ought to be a code of honor among the broadcasters to do so. Portland and its fans have been getting along fine, following this rule. Why can't Los Angeles do the same?

I wonder if the "Radio Doings" or any of its readers can tell me what Pacific Coast stations use the strictly commercial plan of broadcasting similar to that of WEA? Report has it that KGW will soon join the ranks with the commercial broadcasters.

How are the D. X. hounds this summer? They don't seem to be radioating this summer. I feel extremely proud of my one tube set. During July and August I received WHT Chicago, WAHA Richmond Hill, N. Y., and WCCO Minneapolis. How's that for summer D. X.? Last winter I received 115 different stations on my one tube. These stations were in 24 states and took in 61 cities. Who can beat it on one tube?

Why doesn't the "Little Red Book" sponsor a station popularity contest? Let's get up the enthusiasm of the coast listener and have a little competition besides.

Long live "Radio Doings" and especially "Letters to the Editor."

Sincerely yours,

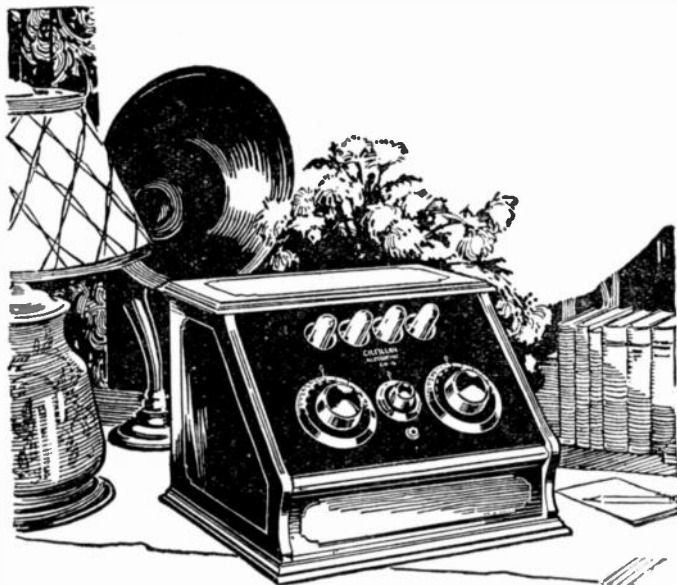
NOLAN T. HOLT.

FAR AND NEAR



EQUALLY CLEAR

GILFILLAN RADIO



THIS is the ideal set for family use. Beautiful Tone, Fine Selectivity, Easy Tuning, Reasonable Distance. Operates with dry batteries and without aerials on locals. A carefully made, correctly designed Neutrodyne which eliminates disturbing noises and interference. Price \$70. We also make the Gilfillan 5-tube model at \$110, and a handsome Console at \$350.

Ask a Gilfillan Dealer to demonstrate a Gilfillan Set in your home or in his store without obligation.

GILFILLAN BROS. INC.

1815 W. 16th St., LOS ANGELES, CAL.

KANSAS CITY

THE SUPERFINE



NEW YORK CITY

IN NEUTRODYNE

Thirteen New Broadcasters and Two Transfers

The Department of Commerce has licensed thirteen new Class A stations, and transferred two to Class B status.

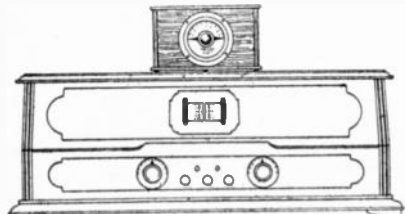
Call	OWNER—Location	Power	Meters	K-cs.
KFYD	N. Baker, Muscatine, Iowa.....	250	256	1170
KSO	A. A. Berry Seed Co., Clarinda, Ia.....	500	242	1240
KFOJ	Moberly High School, Moberly, Mo.....	10	242	1240
WGBH	The Geo. H. Bowls Developments, Clearwater, Ia...500		266	1130
WBT	Charlotte Chamber of Commerce, Charlotte, N. C. 250		275	1090
WABI	First Universalist Church, Bangor, Me.....	100	240	1250
WMAL	M. A. Leese Optical Co., Wash., D. C.....	15	212.6	1410
WWAO	Michigan College of Mines, Houghton, Mich.....	250	263	1140
KFXV	Mary M. Costigan, Flagstaff, Arizona.....	50	205.4	1460
WJBK	Ernest F. Godwin, Ypsilanti, Mich.....	10	233	1290
WJBN	St. John's Ev. Lutheran Church, Sycamore, Ill.....	10	256	1170
KFJZ	Southwestern Baptist Theological Seminary, Forth Wrth, Texas	50	254	1180
WTAG	Worcester Telegram Publishing Co., Worcester, Mass.	500	268	1120
TRANSFERRED FROM CLASS "A" TO CLASS "B"				
WOQ	Unity School of Christianity, Kansas City, Mo.....	1000	278	1080
WGHP	George Harrison Phelps, Inc., 110 Rowena St., Detroit, Mich.....	1500	270	1110

Stations WJR and WCX Detroit, the combined stations, have been authorized to broadcast with 5000 watts power.

WLS, the Sears-Roebuck station at Chicago is to increase its power from 550 to 1500 watts.

WGBP is the new call assigned to the proposed Tampa station of the M. L. Price Music Co.

<p>NO MORE BATTERIES—A FACT!</p> <p>BENHAM ELECTRIC & RADIO SHOP</p> <p>7915 Santa Monica Blvd.</p>	<p>Allow us to show you what has been promised so long—</p> <p>ELIMINATION OF ALL BATTERIES. Hook your Radio</p> <p>direct to light circuit. We build receiving sets and</p> <p>equipment.</p>
	<p>Phone HO1ly 2012</p>
	<p>Los Angeles</p>

	<p>For More Distance!</p> <p>TALLY'S BOOSTER BOX</p> <p>For Semi-Portable SUPER-HETERODYNE \$10.00</p> <p>E. J. TALLY Los Angeles</p>
	<p>For Radiola 25 \$12.00</p> <p>3867 W. 6th St. WA. 8873</p>

Important to Radio Fans



COL. JOHN F. DILLON, United States Radio Supervisor, for the Sixth District, which embraces the territory covered by Radio Doings, left last week to attend the National Radio Conference, which opens in Washington on November 9.

PRIOR to the opening of the conference there is to be a series of meetings of all the Federal Supervisors. **IMPORTANT AND VITAL CHANGES ARE REPORTED TO BE IN PROSPECT IN THE ALLOCATION OF WAVE LENGTHS.**

UNITED STATES RADIO INSPECTOR EDWIN W. LOVEJOY has informed Radio Doings that present Call Book data is likely to be rendered more or less undependable as the result of the changes that are in contemplation.

ON the strong recommendation of Inspector Lovejoy, Radio Doings will postpone the issuance of its new Call Book until after the Washington Conference. This will mean a delay of several weeks, but will be well worth waiting for. The present confusion in schedules and other data will be done away with by the conference.

THE Radio Doings Call Book will be the only reliable one published and will be based on the new data furnished by the United States Government after the conference.

—RADIO DOINGS.

DeForest R. F. Circuit

This week we are illustrating the 5-tube circuit developed by Roy Weagant of the deForest Company. It is of the standard arrangement of two stages of radio frequency amplification, detector, and two audio stages. The method of preventing oscillation of the R. F. stages is novel, being accomplished by the use of two variable resistance units (R3 and R4) in series with the grid circuits of the amplifier tubes.

The antenna coupling coil is tapped in two places providing three possible antenna connections for different size antennae. A small indoor aerial or a large outdoor fellow can be readily accommodated by using the right post. The three tuning condensers are of .0005 mf capacity, shunting the secondaries of the three grid inductances, and tune in unison.

Two rheostats are used for filament control one controlling the two R. F. tubes, and the other handling the detector and audio stages. The metal panel of the set is grounded, as are also the cores of the A. F. transformers. The radio frequency transformers are of the astatic type, confining stray magnetic fields to a minimum, and thereby reducing inductive feed-back between stages.

U. S. Radio Inspector in L. A.

U. S. Radio Inspector Edwin W. Lovejoy was in Los Angeles this week on a regular tour of inspection. He reports that the national conference in Washington will be the most important yet held and that vital changes in wave length allocations will be made. Col. Dillon is now in Washington.

You **MAGNAVOX** Set Owners!

Trade your Old
Set in on a
New Improved
Magnavox.



The balance
can be paid in
easy monthly
installments.

Headquarters for the Magnavox

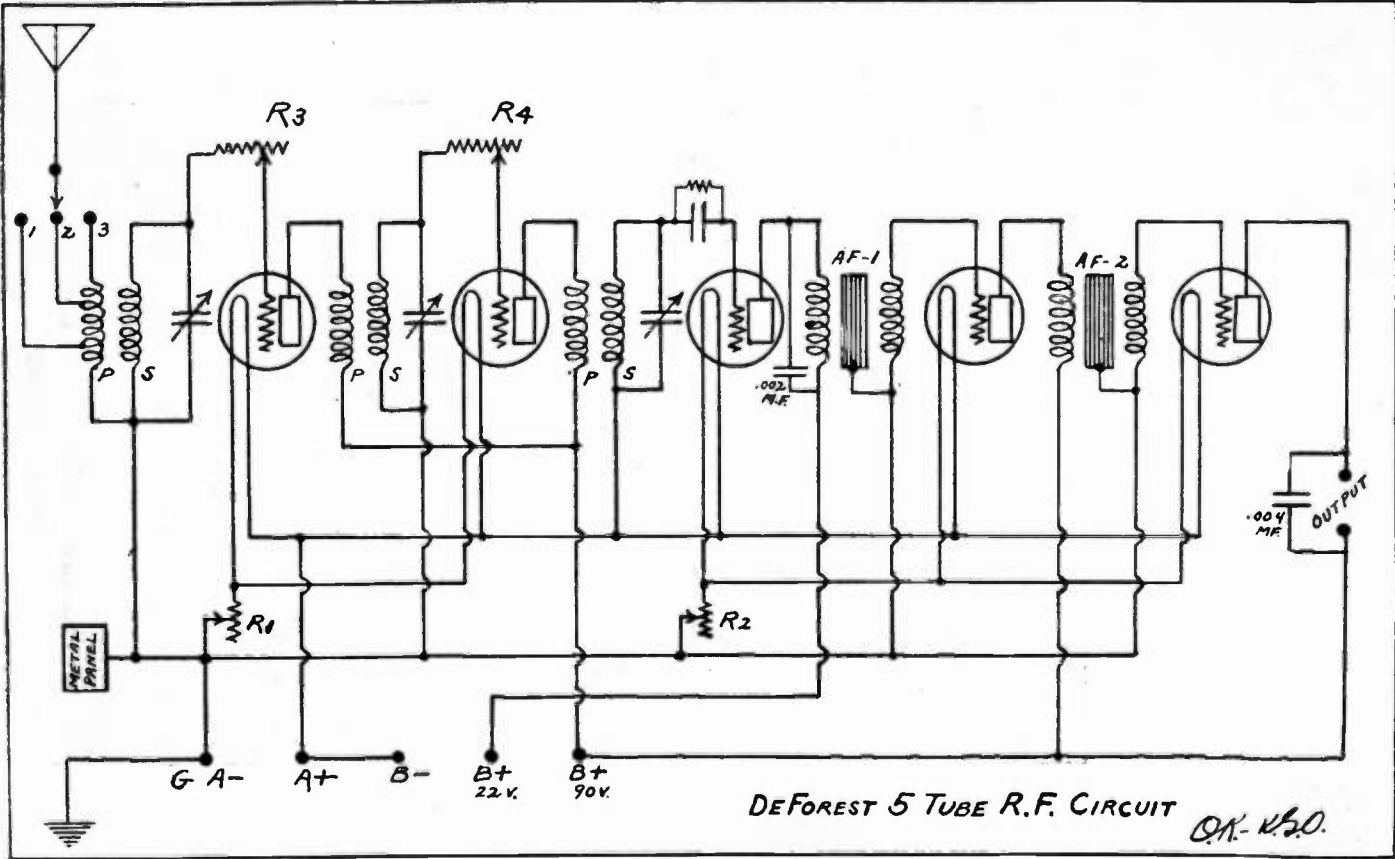
O. K. SMITH CO.

834 South Broadway

LOS ANGELES

"Largest Exclusive Radio Dealer in Los Angeles"

OPEN EVENINGS



DEFOREST 5 TUBE R.F. CIRCUIT O.K. K.S.O.

The BROADCASTERS
 AT HOME

From the Land of the Mormon



"UNCLE BEN" of KSL has a legion of nephews scattered all over Radioland.

Screen Star Announces

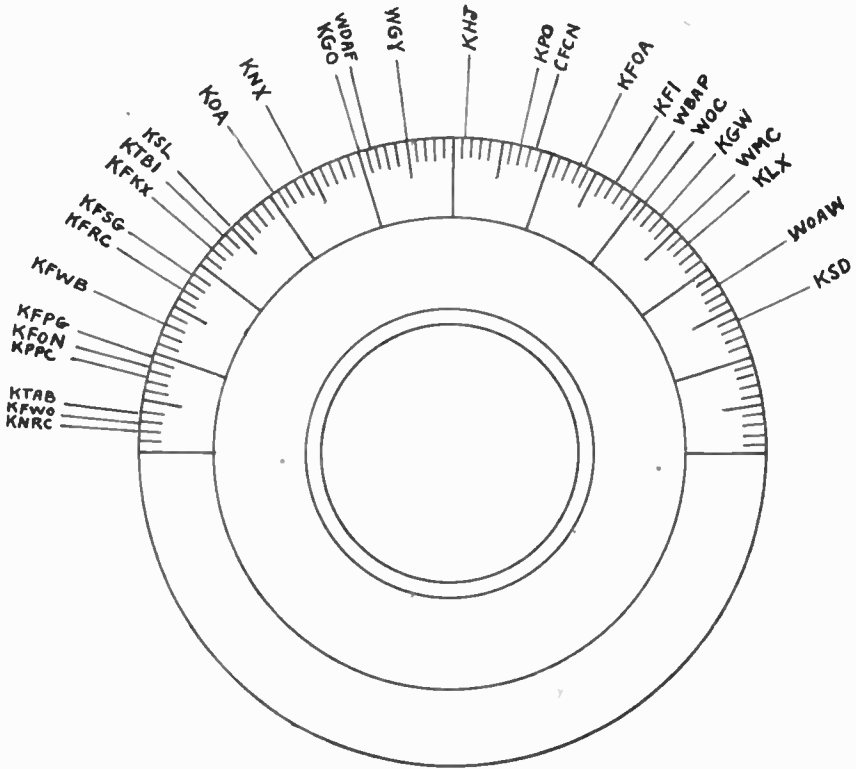


PATSY RUTH MILLER, Motion Picture Star

One of a group of famous guest announcers who will be heard this winter over Warner Brothers' KFW Broadcasting station

Where to Find Them

Radio Doings Dialogram



COPYRIGHT HORWOOD PUB. CO. 1925.

REVERSE THE ORDER OF DIALING IF YOUR SET DIALS IN OPPOSITE DIRECTION TO ABOVE DIALOGRAM

Dial numerals, wave lengths, kilocycles, etc., mean so little to many fans, especially new beginners in radio, that the above dial showing the relative positions of stations on the ordinary type of condenser has been prepared for Radio Doings by K. G. Ormiston, broadcast engineer and technical writer.

This diagram does not apply to straight line frequency condenser dial settings, a separate diagram of which will be published next week.

SUNDAY TIME TABLE

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

STATIONS			10-12 A.M.	12-2 P.M.	2-4 P.M.	4-6 P.M.	6-8 P.M.	6-10 P.M.	10-12 P.M.																								
CALL	Wave Length Meters	Power in Watts	STATION	10.00-10.30	10.30-11.00	11.00-11.30	11.30-12.00	12.00-12.30	12.30-1.00	1.00-1.30	1.30-2.00	2.00-2.30	2.30-3.00	3.00-3.30	3.30-4.00	4.00-4.30	4.30-5.00	5.00-5.30	5.30-6.00	6.00-6.30	6.30-7.00	7.00-7.30	7.30-8.00	8.00-8.30	8.30-9.00	9.00-9.30	9.30-10.00	10.00-10.30	10.30-11.00	11.00-11.30	11.30-12.00		
K H J	405	500	Los Angeles.....	X	X	X	X	X								X	X					X	X	X	X	X	X	X	X				
K F I	467	3000	Los Angeles.....	X	X	X	X									X						X	X	X	X	X	X	X					
K T B I	294	250	Los Angeles.....			X	X	X													X	X	X	X	X	X	X	X					
K F S G	275	500	Los Angeles.....		X	X	X	X					X	X	X	X						X	X	X	X	X	X	X	X	X	X		
K N X	337	500	Los Angeles.....	X	X	X	X					X	X	X	X							X	X	X	X	X	X	X	X	X	X		
K F W B	252	500	Los Angeles.....																									X	X	X	X	X	
K F P G	238	250	Hollywood.....																							X	X						
K P P C	229	50	Pasadena.....		X	X	X	X														X	X	X	X	X	X	X					
K F W O	211	250	Catalina.....													X	X					X	X	X	X	X	X						
K F O N	233	100	Long Beach.....										X	X	X	X									X	X							
K F V D	205	50	San Pedro.....		X	X	X	X																	X	X	X	X	X	X	X		
K J R	384	1000	Seattle.....			X	X	X														X	X	X	X	X	X	X	X	X	X		
K P O	428	1030	San Francisco.....	X	X	X											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
K F R C	268	50	San Francisco.....																			X	X	X	X	X	X	X	X	X	X	X	
K J B S	220	5	San Francisco.....													X	X	X															
K T A B	240	1000	Oakland.....	X	X	X	X	X																	X	X	X	X	X	X	X	X	
K G O	361	3000	Oakland.....			X	X								X	X								X	X	X	X	X	X	X	X		
K F U S	23	50	Oakland.....												X	X																	
K L S	250	250	Oakland.....																														
K R E	25c	100	Berkeley.....																			X	X		X	X	X	X	X	X	X		
K F U U	220	50	Oakland.....																														
K F Q U	222	100	Hoty City, Calif.....			X	X																					X	X				
K G U	370	500	Honolulu.....																											X	X	X	
K T C L	30	1000	Seattle.....																							X	X	X	X	X	X	X	
K T W	272	750	Seattle.....			X	X								X	X									X	X	X	X	X	X	X	X	
K F E C	248	50	Portland.....													X	X				X												
K G W	491	500	Portland.....		X	X	X																			X	X	X	X	X	X	X	
C F A C	430	2000	Calgary.....																								X	X					
K O A	322	2300	Denver.....	X	X								X	X										X	X	X	X	X	X	X	X	X	
K S L	300	000	Salt Lake City.....																							X	X	X	X	X	X	X	
K T H S	375	500	Hot Springs.....	X	X	X	X	X																		X	X	X	X	X	X	X	
K O B	349	1000	State Col., N. M.....	X	X	X	X	X																		X	X	X	X	X	X	X	
W G Y	379	3000	Schnectady.....													X	X	X	X	X													
W O A I	394	1500	San Antonio.....																						X	X	X	X	X	X	X	X	
W B A P	47	1000	Fort Worth.....										X	X	X	X											X	X					
W F A A	478	500	Dallas.....													X	X	X	X					X	X	X	X	X	X	X	X		
W O C	484	5000	Davenport.....				X	X																	X	X	X	X	X	X	X	X	
K S D	545	750	St. Louis.....																						X	X							
W G R	319	750	Buffalo.....				X	X	X	X																							
K D K A	309	1000	Pittsburgh.....													X	X																
W P G	00	500	Atlantic City.....							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
W M B F	384	500	Miami, Fla.....													X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

Please mention Radio Doings when answering advertisements.

RCA or Cunningham Tubes in exchange for burnt out tubes.....\$ 2.35
5-Tube Premier Ensemble..... 35.00
Wired and tested, free.
2-Tube Thor-o-dyne with A. C. Attachment, complete..... 40.00

Thor-o-dyne Masterpiece, 5-tube, complete.....\$75.00
National Refilled Tubes..... 1.25
Tubes Revived..... .50
Battery Charging..... .50

Authorized Dealers for Fada and Crosley Sets—HUMBOLT 0212

Time payments, if desired

DAVIS RADIO CO.

Open Evenings and Sundays

2722-24 South Main St., Los Angeles

Day-Fan RADIO



Daygrand

Less Accessories

\$195.00

Five-Tube—One Dial Control
Remarkable Tone Quality

Ten Different Models—\$75.00 to \$300.00

Ask Your Day-Fan Dealer for a Demonstration

Distributed by

GRAHAM-REYNOLDS ELECTRIC COMPANY

WHOLESALE ELECTRIC & RADIO SUPPLIES

300 EAST THIRD STREET

LOS ANGELES



The High Place of
MAGNAVOX
in Radio

The name Magnavox looms large in radio accomplishment. Long before the days of broadcasting, Magnavox was developing the science of sound amplification—preparing for the great public interest that was to follow.

Magnavox engineers have made notable contributions to radio, which are incorporated in the present models of Magnavox Receiving Sets, Loud Speakers and Tubes.

Chief among these contributions is Single Dial Control—the greatest improvement in radio in three years.

MUNSON RAYNER
Corporation

Exclusive Distributors for the Pacific Coast

643 S. Olive St.
LOS ANGELES

86 Third Street
SAN FRANCISCO

63 Sixth Street
PORTLAND

Our Great Offer!

SAVE \$2.00

*Get the Two Greatest Radio Magazines
For Almost the Price of One!*

RADIO NEWS—The National Radio Monthly with the largest circulation and following of any Radio publication in the world—

Regular Price \$2.50

RADIO DOINGS—The Leading Pacific Coast Radio Weekly—the Radio authority of the Pacific Coast—Largest Coast Circulation—

Regular Price \$2.00

These two leaders in their respective fields—the great National Monthly and the great Pacific Coast Weekly—

BOTH NOW FOR \$2.50

This Offer Is Good for Thirty Days Only

Attach Money Order, Check or Currency to the Coupon and Mail to Us Right Now.

RADIO DOINGS,
527.529 Van Nuys Bldg.,
Los Angeles, Calif.

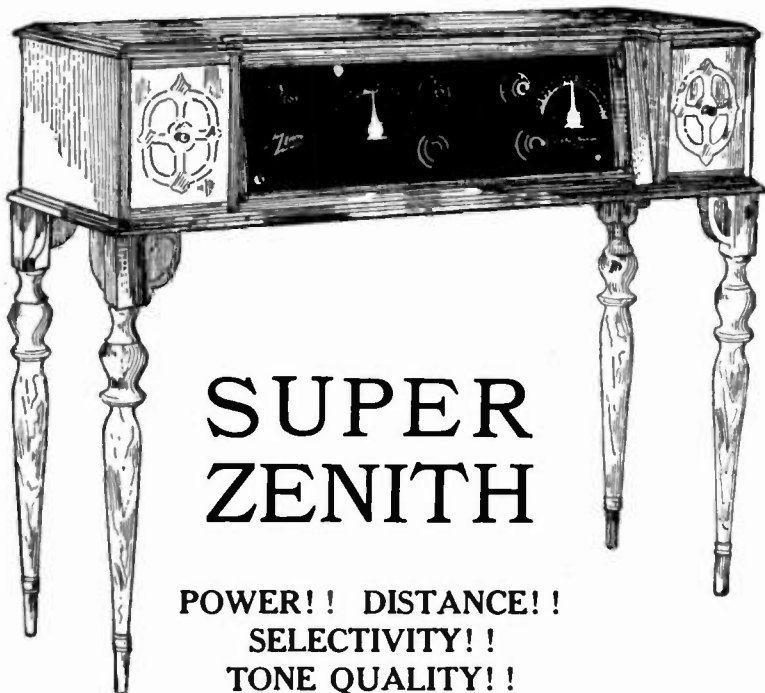
*Or, 406 New Call Bldg.,
San Francisco, Cal.*

Send me RADIO DOINGS and "RADIO NEWS" for one year. I enclose \$2.50.

Name

Address

City and State



SUPER ZENITH

**POWER!! DISTANCE!!
SELECTIVITY!!
TONE QUALITY!!**

If you want to experience the thrill of fine radio reception—listen in with a Super-Zenith. Note how quickly you can tune in dozens of different stations, and how clearly they come in. All the volume you could ask for—and without interference.

Our staff of expert engineers is especially trained in Zenith installation. They will teach you how to get the best results from ZENITH.

Phone EMpire 1141
For Home Demonstration

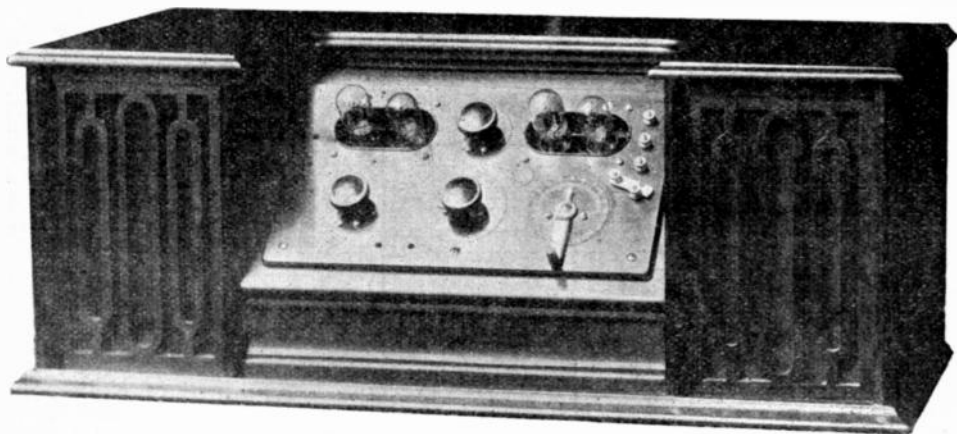
L. A. DUNCAN

RADIO ELECTRICIANS

2889-99 West Pico Street

(Corner of Pico and Kingsley)

LOS ANGELES



“A Radiola for Every Purse”



4-TUBE RADIOLA

IN FINE MAHOGANY CABINET

\$5.00—Puts One in Your Home—\$5.00

PAYMENTS \$2.50 PER WEEK

Don't overlook the fact that it's a
RADIOLA, and carries their guar-
antee as well as ours.

**A DEMONSTRATION IN YOUR HOME IS THE
BEST PROOF WE CAN OFFER**



ALBIN BROS.

RADIO SALES AND SERVICE

OPERATING 3 STORES

2135 W. Pico
BEacon 7438

1246 S. Lake
BEacon 7439

414 W. 8th
TUcker 8150

Los Angeles

FADA Radio



FADA QUEEN ANNE DESK
SF30-70.....\$300.00

THE FADA Neutroceiver is a five tube Neutrodyne receiver with an inclined panel fitted on a beautiful mahogany cabinet, allowing ample space for batteries. The selectivity, range, and clear, faithful reproduction exceeds the customary performance expected for loud speaker volume.

Adapted for either dry cell or storage battery type tubes



FADA CONSOLE
SF40-70.....\$275.00



FADA BEETHOVEN GRANDE
SF20-70.....\$250.00



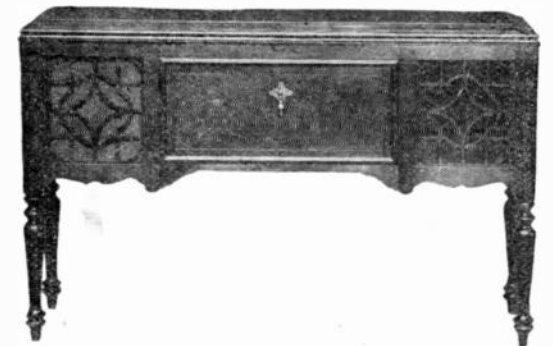
Price.....\$125.00

8 Models.....\$85.00 to \$300.00

Exclusive Distributors for Southern California

THE ELECTRIC CORPORATION

1050 Santee St. LOS ANGELES TRinity 5811



FADA DAVENPORT TABLES
SF10-70.....\$225.00

K F I—Radio Central Super-Station—467 Meters Earle C. Anthony, Inc.

640 KILOCYCLES—3000 WATTS
1000 SOUTH HOPE ST., LOS ANGELES, CALIFORNIA. Phone TR. 5141
Class "B" 5000-Watt Western Electric Station Operating on 3000 Watts
GLEN RICE, Program Manager

DAILY EXCEPT SUNDAY—

5:30 to 6:00 p. m.—L. A. Examiner matinee program.
6:00 p. m.—KFI Nightly Doings and Amusement Information Service.
6:45 p. m.—KFI Radiatorial Period.

WEEK COMMENCING SUNDAY, NOVEMBER 1, 1925

SUNDAY, NOVEMBER 1—

10:00 a. m.—Morning Services under the direction of the Los Angeles Church Federation.
11:00 a. m.—Services of the Third Church of Christ, Scientist.
4:00 p. m.—Vesper Services arranged by Federated Musicians.
6:30 p. m.—KFI Nightly Doings and Amusement Information Service.
6:45 p. m.—Father Ricard's Sun Spot Weather Forecast. Music Appreciation Chat.
7:00 p. m.—Aeolian Organ Recital. Dan L. MacFarland at the console
8:00 p. m.—Classic Hour. Nellie Frizzelle, pianist, arranging with Marie Millar, soprano;
Bernard Walther, violinist, and Stephen Gombos, baritone.
9:00 p. m.—Program presented by L. A. Examiner. Rose Room Orchestra.

MONDAY, NOVEMBER 2—

10:45 a. m.—Betty Crocker Gold Medal Flour Home Service Talk;
6:15 p. m.—Radio Motorlogue Resort Service, courtesy of Mr. Hewitt.
7:00 p. m.—Joe Martin's Studio Six Orchestra, with soloists.
8:00 p. m.—Margaret Hughes, soprano, arranging with Elizabeth Wondries, contralto; Jean Howard, pianist; Lillian Althouse, saxophonist.
9:00 p. m.—Weekly program presented by the Walter M. Murphy Motors Company.
10:00 p. m.—Program presented by L. A. Examiner. Ray West's Alexandria Hotel Orchestra.

TUESDAY, NOVEMBER 3—

6:15 p. m.—Radio Motorlogue Resort Service, courtesy of Mr. Hewitt.
7:00 p. m.—Sanger-Moore-House Trio, with Mr. and Mrs. De Vere Nicholson, composer and violinist, and Charles Carey Rumsey, baritone.
8:00 p. m.—Program presented by L. A. Examiner. Pantages Theatre vaudeville artists.
9:00 p. m.—Arranged by Helen Hoffman, soprano, with the El Patien Trio and Georgia Williams, whistling violinist.
10:00 p. m.—Packard Ballad Hour, featuring Billy Hall, Pally Grant Hall, Bobbie Gross, Tommy McLaughlin, Nick Barabie, Joe Ray, Ashley Sisters, Marion Boogar, Bud Jamieson and others.

WEDNESDAY, NOVEMBER 4—

10:45 to 11:05 a. m.—Betty Crocker Gold Medal Flour Home Service Talk;
6:15 p. m.—Radio Motorlogue Resort Service, courtesy of Mr. Hewitt.
7:00 p. m.—Nick Harris, famous detective, author and lecturer.
7:20 p. m.—A varied program with the Angel City Quartet and others.
8:00 p. m.—Weekly program of the Ventura Refining Company.
9:00 p. m.—Program presented by L. A. Examiner. Wampus Club program.
10:00 p. m.—Patrick-Marsh Orchestra. Betty Patrick, soloist.

THURSDAY, NOVEMBER 5—

6:15 p. m.—Radio Motorlogue Resort Service, courtesy of Mr. Hewitt.
7:00 p. m.—Program presented by the Mary Albin Trio with Florence Kitzmiller, soprano.
8:00 p. m.—Program presented by the Revall Stores of Southern California and Arizona.
9:00 p. m.—Program presented by the Southern California Music Company.
10:00 p. m.—Program presented by L. A. Examiner. Loew's State Baby Grand Orchestra.


FRIDAY, NOVEMBER 6—

10:45 to 11:05 a. m.—Betty Crocker Gold Medal Flour Home Service Talk;
6:15 p. m.—Radio Motorlogue Resort Service, courtesy of Mr. Hewitt.
7:00 p. m.—Program presented by L. A. Examiner. Gae Imlah and Leonard Zellers.
8:00 p. m.—Organ Recital. Dan L. MacFarland at the console
9:00 p. m.—Jazz program specially arranged by KFI artists.
9:30 p. m.—Program presented by Mutual Motors, Incorporated.
10:00 p. m.—Program presented by John Smallman, baritone, and assisting artists.


SATURDAY, NOVEMBER 7—

6:15 p. m.—Radio Motorlogue Resort Service, courtesy of Mr. Hewitt.
7:00 p. m.—Jack Smith and his orchestra with soloists.
8:00 p. m.—Program presented by L. A. Examiner. Ruth Patterson Miller, soprano;
Charles Johnson, tenor, and Mary Patterson, pianist.
9:00 p. m.—Mabel Hine and her Bluebird Band.
9:30 p. m.—Program arranged by May Sellen Ely, soprano, with assisting artists.
10:00 p. m.—Packard Radio Club, featuring Dick Barton, Bud Hoff, Jerry Gamble.
11:00 p. m.—KFI Midnite Frolic. Don Meaney presenting stars of screen and stage.

Copyright Earl C. Anthony, Inc.





EDWARD F. PHILLIPS
ALLAN F. DORRIS





215 So. Pacific Blvd.
HUNTINGTON PARK, CALIFORNIA

October 12, 1925









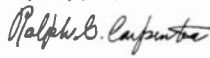
Manchester Radio Electric Shop
1522 E. Manchester Ave.
Los Angeles


Gentlemen:

 Having been a DX hound for several years and tried numerous sets on the market, I decided to give the Stewart-Warner a trial.

 I found it to be O.K. in every way and find it very good for distance, clarity of signals, selectivity and volume. I had no trouble in separating local stations and picking up such distant stations as KGV, GPOB, KPO, etc. KPWC, KOA, KGO, KPBO, KPWC, besides, getting all locals to fine shape.

 As I have only had the set two nights I consider this a pretty good demonstration of its ability. Best time I hope to be able to give a more complete log.

Very truly yours,




A two days log!

Owners of Stewart-Warner radio, hundreds of them, are so enthusiastic about the performance of their sets that letters like the one reproduced above are being received every day.

Matched Unit radio fans tell us that the thrill they experience in hearing stations, both local and distant, literally "pop" in on movement of the dials, is something to tell the neighbors about.

[Ask us for the name of the Stewart-Warner dealer in your neighborhood. He will be glad to demonstrate Matched Unit Radio for you.]

Stewart-Warner Products Service Station
 { Wholesale Distributors Stewart-Warner Radio }
 1366 South Figueroa Street ~ LOS ANGELES



EDWARD F. PHILLIPS

ALLAN F. DISBKE

Phillips & Dibble
FURNITURE

118 So. Pacific Blvd.
HUNTINGTON PARK,

Phone 29094
CALIFORNIA

October 12, 1925

Manchester Radio Electric Shop
1522 E. Manchester Ave.
Los Angeles

Gentlemen:

Having been a D.I. hound for several years and tried numerous sets on the market, I decided to give the Stewart-Warner a trial.

I found it to be O.K. in every way and find it very good for distance, clarity of signals, selectivity and volume. I had no trouble in separating local stations and picking up such distant stations as KGW, KPOB, KPO, KIX, KFSH, KCA, KOC, KPMO, KPHO, besides, getting all locals in fine shape.

As I have only had the set two nights I consider this a pretty good demonstration of its ability. Next time I hope to be able to give a more complete log.

Very truly yours,

Ralph B. Carpenter



A two days log!

Owners of Stewart-Warner radio, hundreds of them, are so enthusiastic about the performance of their sets that letters like the one reproduced above are being received every day.

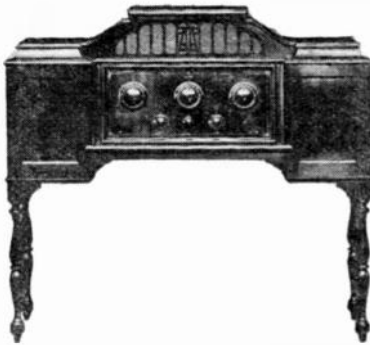
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Stewart-Warner Products Service Station
{ Wholesale Distributors Stewart-Warner Radio }
1366 South Figueroa Street ~ LOS ANGELES



FADA QUEEN ANNE DESK
 SF30-70 \$300.00



FADA BEETHOVEN GRANDE
 SF20-70 \$250.00

FADA
Radio

THE FADA Neutrodyne receiver panel fitted on a beautiful cabinet allowing ample space for selectivity, range, and definition exceeds the custom expected for loud speaker

Adapted for either dry cell



Price

8 Models

Exclusive Distributors for

THE ELECTRIC

1050 Santee St.

LOS ANGELES

FADA radio

receiver is a five tube
receiver with an inclined
beautiful mahogany cabinet,
for batteries. The se-
clear, faithful reproduc-
primary performance ex-
volume.

for storage battery type tubes



FADA CONSOLE

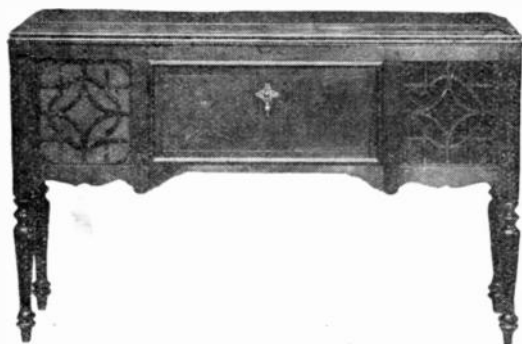
SF40-70 \$275.00



..... \$125.00

..... \$85.00 to \$300.00

for Southern California



FADA DAVENPORT TABLES

SF10-70 \$225.00

CORPORATION

ANGELES

TRinity 5811

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- 9:00 p. m.—Program presented by the Southern California Music Company.
- 10:00 p. m.—Program presented by L. A. Examiner. Loew's State Baby Grand Orchestra.

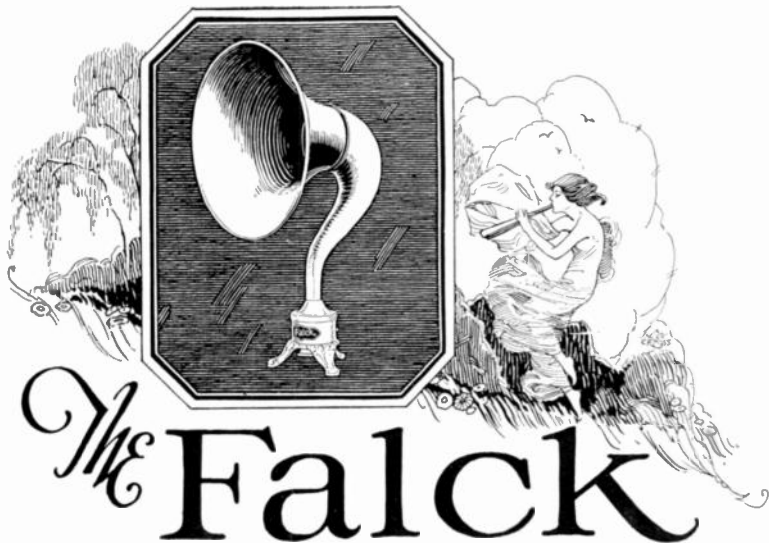
FRIDAY, NOVEMBER 6—

- 10:45 to 11:05 a. m.—Betty Crocker Gold Medal Flour Home Service Talk:
- 6:15 p. m.—Radio Motorlogue Resort Service, courtesy of Mr. Hewitt.
- 7:00 p. m.—Program presented by L. A. Examiner. Gae Imlah and Leonard Zellers.
- 8:00 p. m.—Organ Recital. Dan L. MacFarland at the console
- 9:00 p. m.—Jazz program specially arranged by KFI artists.
- 9:30 p. m.—Program presented by Mutual Motors, Incorporated.
- 10:00 p. m.—Program presented by John Smallman, baritone, and assisting artists.

SATURDAY, NOVEMBER 7—

- 6:15 p. m.—Radio Motorlogue Resort Service, courtesy of Mr. Hewitt.
- 7:00 p. m.—Jack Smith and his orchestra with soloists.
- 8:00 p. m.—Program presented by L. A. Examiner. Ruth Patterson Miller, soprano; Charles Johnson, tenor, and Mary Patterson, pianist.
- 9:00 p. m.—Mabel Hine and her Bluebird Band.
- 9:30 p. m.—Program arranged by May Sellen Ely, soprano, with assisting artists.
- 10:00 p. m.—Packard Radio Club, featuring Dick Barton, Bud Hoff, Jerry Gamble.
- 11:00 p. m.—KFI Midnite Frolic. Don Meaney presenting stars of screen and stage.

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DAILY EXCEPT SUNDAY—

- 7:00 to 7:15 a. m.—"Setting-up Exercises" conducted by Prof. Barclay L. Severns.
 12:00 to 12:30 p. m.—Leighton's Arcade Cafeteria Orchestra, directed by Jack Cronshaw.
 6:00 to 6:30 p. m.—Leighton's Arcade Cafeteria Orchestra.

WEEK COMMENCING SUNDAY, NOVEMBER 1, 1925

SUNDAY, NOVEMBER 1—

- 10:00 a. m.—Sermon from KHJ studio by Dr. H. C. Culbertson, pastor of Mesa Congregational Church.
 10:30 a. m. to 12:30 p. m.—Organ recital and entire religious service from the First Methodist Episcopal Church; Arthur Blakeley, organist, and Rev. Elmer E. Helms, pastor.
 4:00 to 5:00 p. m.—Afternoon musicale through the courtesy of the Western Auto Supply Company.
 6:30 to 7:00 p. m.—Leighton's Arcade Cafeteria Orchestra, directed by Jack Cronshaw.
 7:00 to 7:30 p. m.—Church services from the First Methodist Episcopal Church.
 8:00 to 10:00 p. m.—De luxe program arranged by J. Howard Johnson.

MONDAY, NOVEMBER 2—

- 12:30 to 1:30 p. m.—Program presenting the Piggly Wiggly Girls, courtesy of the Piggly Wiggly Stores.
 Silent rest of day.

TUESDAY, NOVEMBER 3—

- 12:30 to 1:30 p. m.—An hour of dance music.
 2:30 to 3:30 p. m.—Matinee program sponsored by the Pacific States Electric Company.
 3:30 to 4:00 p. m.—Bridge game, courtesy of the W.S.A.I. U. S. Playing Card Company.
 6:30 to 7:30 p. m.—Children's program presenting Prof. Walter Sylvester Hertzog, Radio Historian; weekly visit of the Radio Fairies, Queen Titania and her Sandman; Charles Leslie Hill, 4-year-old reader; Louis F. Klein, harmonica and autoharp, and Lenore Killian, contralto.
 7:30 p. m.—H. M. Robertson will talk on "Dogs."
 7:45 p. m.—O. G. Pirie, associate editor of the Radio Bulletin, will talk on the cruise of the Radio Ship "Wireless."
 8:00 to 10:00 p. m.—Program sponsored by the Peerless Laundry Company, arranged by J. Howard Johnson.
 10:00 to 11:00 p. m.—Art Hickman and his Biltmore Dance Orchestra.

WEDNESDAY, NOVEMBER 4—

- 12:30 to 1:30 p. m.—LeRoy Parry and his Elite Orchestra, in an hour of dance music.
 1:30 p. m.—Weekly talk on "Gardens" by Fred C. McNabb of Aggeler & Musser Seed Co.
 2:30 to 3:30 p. m.—Matinee program courtesy of the Pacific States Electric Company.
 6:30 to 7:30 p. m.—Children's program presenting Prof. Walter Sylvester Hertzog, Radio Historian; Dick Winslow, screen juvenile reporter; Mickey McBan, screen juvenile; Vivian Marple, "Blue Bell of KHJ," and David Rosenthal, 14 years, and Harold Marshall, 12 years of age, saxophonists, pupils of Lewis D'ippolito.
 8:00 to 8:30 p. m.—Dr. Mars Baumgardt, weekly talk on "Astronomy."
 8:30 to 10:00 p. m.—De luxe program.
 10:00 to 11:00 p. m.—Art Hickman and his Biltmore Dance Orchestra.

THURSDAY, NOVEMBER 5—

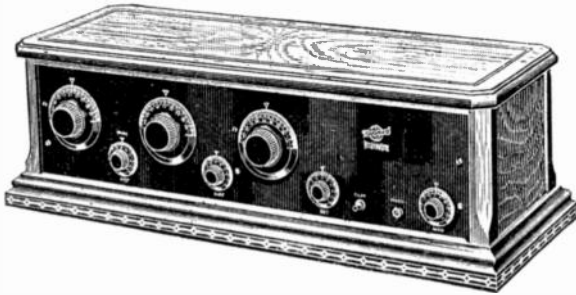
- 12:30 to 1:30 p. m.—Program of dance music.
 2:30 to 3:30 p. m.—Program sponsored by the Pacific States Electric Company.
 6:30 to 7:30 p. m.—Children's program presenting Prof. Walter Sylvester Hertzog, Radio Historian; Dickie Brandon, screen juvenile; Joyce Coad, "Little Red Riding Hood."
 7:45 p. m.—Dr. Phillip M. Lovell will talk on "Dropsy."
 8:00 to 10:00 p. m.—Program sponsored by the Pacific Electric Railway Company, arranged by J. Howard Johnson.
 10:00 to 11:00 p. m.—Art Hickman and his Biltmore Dance Orchestra.

FRIDAY, NOVEMBER 6—

- 12:30 to 1:30 p. m.—Program of dance music by Rod Loring's Oaks Tavern Orchestra and Betty Abbott, girl baritone, courtesy of Oaks Tavern Cafe.
 2:30 to 3:30 p. m.—Matinee program sponsored by the Pacific States Electric Company.
 6:30 to 7:30 p. m.—Children's program presenting Prof. Walter Sylvester Hertzog, Radio Historian; Richard Headrick, screen juvenile; Vyola Von, "Wild Rose of KHJ"; "Sunny" Jane Hughes; Bettiemae Pfefferkorn, singer and reader.
 7:30 p. m.—Gladys De Witt will talk on "Romance of the Santa Fe Trail."
 8:00 to 10:00 p. m.—Program sponsored by the Western Auto Supply Company.
 10:00 to 10:30 p. m.—Short program by the Piggly Wiggly Girls, courtesy of Piggly Wiggly Stores.
 10:30 to 11:30 p. m.—Art Hickman and his Biltmore Dance Orchestra.

SATURDAY, NOVEMBER 7—

- 12:30 to 1:30 p. m.—Program presenting the Egyptian Ballroom Dance Orchestra.
 2:30 to 3:30 p. m.—Matinee musicale through the courtesy of the Pacific States Electric Company.
 6:30 to 7:30 p. m.—Children's program presenting Prof. Walter Sylvester Hertzog, Radio Historian; Eugenia Caldwell, "Topsy Primrose"; Dollie Wright, "Dolly of Radioland," and Henrietta Poland, "Little Forget-Me-Not."
 8:00 to 10:00 p. m.—Program through the courtesy of Fred H. Schreiner, "Hudson-Essex Motor Cars."
 10:00 to 11:00 p. m.—Art Hickman and his Biltmore Dance Orchestra.



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NAYLOR ROGERS, Manager CARRIE P. RITTMESTER, Program Manager**DAILY EXCEPT SUNDAY—**

- 7:30 a. m.—K N X Morning Gym, directed by J. C. Casey, physiotherapist.
8:00 a. m.—Inspirational talk and morning prayer.
9:00 a. m.—Time signals from Washington, D. C., followed by birthday notices.
10:00 a. m.—Town Crier of the day's morning message.
10:30 a. m.—Kate Brew Vaughn, director Household Economics, Evening Express.
12:00 noon to 1:00 p. m.—Wurlitzer organ recital from Wurlitzer Studio (except Sunday and Monday).
1:30 p. m.—The Book Worm.
2:00 to 5:00 p. m.—Radio matinee. Market reports.
5:30 to 6:15 p. m.—Wurlitzer organ concert, Wurlitzer Studio.
5:55 p. m.—The Town Tattler.
6:15 p. m.—W. F. Alder, travelogue.
6:30 to 7:00 p. m.—Atwater-Kent Orchestra, Ray Thomas, Inc., successors to Electric Equipment Co., distributors of Atwater-Kent radio receiving sets.

WEEK COMMENCING SUNDAY, NOVEMBER 1, 1925**SUNDAY, NOVEMBER 1—**

- 10:00 a. m. to 12:00 noon—First Presbyterian Church of Hollywood, Rev. Stewart P. MacLennan.
2:00 to 4:00 p. m.—City Park Board musical program.
7:00 to 8:00 p. m.—First Presbyterian Church of Hollywood, Rev. Stewart P. MacLennan.
8:00 to 9:00 p. m.—Ambassador Concert Orchestra, Josef Rosenfeld, leader.
9:00 to 10:00 p. m.—Feature program.

MONDAY, NOVEMBER 2—

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

TUESDAY, NOVEMBER 3—

- 1:00 p. m.—Garden Talk, by Mr. Chenowith of Beverly Hills Nurseries.
2:00 to 3:00 p. m.—Mother's Hour. An hour of music and educational talks in the interests of children.
7:00 to 7:45 p. m.—Don Clark and his La Monica Ball Room Orchestra.
7:45 p. m.—Talk on Health, by Dr. Robert T. Williams.
8:00 to 9:00 p. m.—Zinke Re-Bottoming Shoe Company, courtesy program.
9:00 to 10:00 p. m.—Feature program.
10:00 to 12:00 p. m.—(Movie Night) Ambassador Hotel. Ray West's Cocomanut Grove Orchestra and Town Crier of the Night Watch.

WEDNESDAY, NOVEMBER 4—

- 8:45 a. m.—Wesley Beans, baritone.
1:00 p. m.—Dr. Wayne B. Burr, Care of Children.
7:00 to 8:00 p. m.—Ambassador Concert Orchestra, Josef Rosenfeld, leader.
8:00 to 9:00 p. m.—Security Trust & Savings Bank, courtesy program.
9:00 to 10:00 p. m.—Hercules Gasoline Company courtesy program.
10:00 to 11:00 p. m.—Dance orchestra.

THURSDAY, NOVEMBER 5—

- 11:00 a. m.—Nature Talk, courtesy of Marvel Ant Gelatin Co.
7:00 to 8:00 p. m.—H. L. Crockett, courtesy program. Town Crier of the Day Watch.
8:00 to 9:00 p. m.—Broadway Dept. Store Toytown program.
9:00 to 10:00 p. m.—Feature program.
10:00 to 11:00 p. m.—Hotel Ambassador, Ray West's Cocomanut Grove Orchestra.

FRIDAY, NOVEMBER 6—

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

SATURDAY, NOVEMBER 7—

- 8:15 a. m.—Art Pabst in songs, accompanying himself on the banjo.
3:00 p. m.—Town Crier of the Day Watch and his pals.
7:00 p. m.—H. W. McSpadden, talk on Insect Life.
7:15 p. m.—Announcing Sunday services in the leading Los Angeles Churches.
7:30 to 8:00 p. m.—Wurlitzer organ concert, from Wurlitzer Studio.
8:00 to 10:00 p. m.—Feature program. Town Crier of the Night Watch.
10:00 to 11:00 p. m.—Walter G. Scheck, Inc., Hudson-Essex Dealers, Metropolitan Seven Band.
11:00 p. m. to 2:00 a. m.—Hollywood Nite. Town Crier of the Night Watch.

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CHARLIE WELLMAN, Manager and Announcer Phone GL. 9461**WEEK COMMENCING SUNDAY, NOVEMBER 1, 1925****SUNDAY, NOVEMBER 1—**

9:00 p. m.—We come on the air with Warner Bros. Frolic. Several movie stars participate in this evening's entertainment and there will be several surprise features.

MONDAY, NOVEMBER 2—

5:00 to 8:00 p. m.—Children's hour conducted by Big Brother of KFWB, with stories, educational subjects and answers to children's questions taken from The Book of Knowledge.

6:30 to 7:00 p. m.—An Altadena program sponsored by E. P. Janes, Builder of Fine Homes, Altadena, featuring Ray Kellogg and Bill Hatch.

7:00 to 8:00 p. m.—Microphone Brevities.

8:00 to 9:00 p. m.—Program presented by the courtesy of The Star Motor Car Company, featuring the Million Dollar Four Orchestra; LeRoy Kulberg and his ukulele, and others.

9:00 to 11:00 p. m.—"The Eskimo Review," presented by courtesy of the Globe Ice Cream Company and the Weber Baking Company, featuring the Five Little Eskimos and entertainers.

TUESDAY, NOVEMBER 3—

5:00 to 6:00 p. m.—Children's hour conducted by Big Brother of KFWB, with stories, educational subjects and answers to children's questions taken from The Book of Knowledge.

6:30 to 7:00 p. m.—An Altadena program sponsored by E. P. Janes, Builder of Fine Homes, 7:15 p. m.—Microphone Brevities.

7:30 to 8:00 p. m.—Program presented by courtesy of Elmer R. Sly Co.

8:00 to 9:00 p. m.—Program presented by courtesy of W. K. Kellogg, Maker of PEP

9:00 to 10:00 p. m.—Program presented by courtesy of H. L. Crockett, Hudson-Essex dealer, featuring the H. L. Crockett Elite Trio composed of Louise Sullivan, violin; Florence Sullivan, cornet, and Georgia Booth, piano; Way Watts and his ukulele, and others.

10:00 to 11:00 p. m.—Warner Bros. Frolic.

WEDNESDAY, NOVEMBER 4—

5:00 to 6:00 p. m.—Children's hour conducted by Big Brother of KFWB, with stories, educational subjects and answers to children's questions taken from The Book of Knowledge.

6:30 to 7:00 p. m.—An Altadena program sponsored by E. P. Janes, Builder of Fine Homes.

7:00 to 7:30 p. m.—A half hour of fun presented by courtesy of Mutual Motors, Inc.

7:30 p. m.—Microphone Brevities.

8:00 to 9:00 p. m.—Program presented by courtesy of the Cheek Neal Coffee Company, featuring the Maxwell House Coffee String Quartet under direction of Harry Jackson; Vernan Kloss, concert pianist; Ashley Sisters, and others.

9:00 to 10:00 p. m.—Program presented by courtesy of the Western Pacific Securities Company, Santa Monica.

10:00 to 11:00 p. m.—Warner Bros. Frolic.

THURSDAY, NOVEMBER 5—

6:30 to 7:00 p. m.—An Altadena program sponsored by E. P. Janes, Builder of Fine Homes.

7:00 to 7:15 p. m.—Dr. T. Lloyd Brown, Plastic and Facial Surgeon.

7:15 p. m.—Microphone Brevities.

7:30 to 8:00 p. m.—Program presented by courtesy of the Elmer R. Sly Co.

8:00 to 9:00 p. m.—Program presented by courtesy of the Starr Piano Co., featuring the Hollywood Rhythm Kings; Ina Mitchell Butler, soprano; Estelle Shake, blue singer, and others.

9:00 to 10:00 p. m.—Program presented by courtesy of Don P. Smith, Inc., featuring the Diana-Moon Orchestra; the Ashley Sisters, vocal duets; Sol Hoopii's Hawaiian Trio, and Charlie Wellman.

10:00 to 11:00 p. m.—Warner Bros. Frolic.

FRIDAY, NOVEMBER 6—

6:30 to 7:00 p. m.—An Altadena program sponsored by E. P. Janes, Builder of Fine Homes, Altadena, featuring Ray Kellogg and Bill Hatch.

7:30 p. m.—A short Eye-o-logue by Dr. Marshutz of the Marschutz Optical Company, Los Angeles.

7:45 p. m.—Microphone Brevities.

8:00 to 9:00 p. m.—Program presented by courtesy of John Wright, the Right Tailor, featuring the John Wright Orchestra and entertainers.

9:00 to 10:00 p. m.—Program presented by courtesy of the Paralta Studios, featuring Ray Bailey's String Trio, composed of "Heddie" Sharkey, violin; George Cox, cello, and Ray Bailey, organ, among others.

10:00 to 11:00 p. m.—Warner Bros. Frolic.

SATURDAY, NOVEMBER 7—

6:30 to 7:00 p. m.—An Altadena program sponsored by E. P. Janes, Builder of Fine Homes, Altadena, featuring Ray Kellogg and Bill Hatch.

7:15 p. m.—Microphone Brevities.

7:30 to 8:00 p. m.—Program presented by courtesy of the Elmer R. Sly Company.

8:00 to 10:00 p. m.—Program presented by courtesy of the Radio Doings Magazine—"RADIO DOINGS' REVELS." Besides musical selections by the best artists available, Radio Doings will have some technical matter for you. They will tell you just how to dial your sets to obtain the best results and, in fact, they will talk to you about everything interesting in radio.

10:00 to 11:00 p. m.—Warner Bros. Frolic.

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GLADWYN N. NICHOLS, Musical Director and Announcer.

500 WATTS—1090 KILOCYCLES

WEEK COMMENCING SUNDAY, NOVEMBER 1, 1925

SUNDAY, NOVEMBER 1—

- 10:30 a. m. to 12:30 p. m.—Complete Church Service with sermon by Aimee Semple McPherson. Charlotte Tyson Foljombe, soprano. John Kennedy, baritone. Angelus Temple Male Quartet. Temple Choir under the direction of Gladwyn N. Nichols. Great Temple organ and chimes played by Esther Fricke Greene.
- 2:30 to 4:30 p. m.—Afternoon service with dispensational message by Aimee Semple McPherson. Special numbers rendered by the Temple Band of 40 members, directed by Gladwyn N. Nichols. Mrs. C. D. Smith, fancy drummer and xylophone player. W. J. Stitt, baritone. Ladies' quartet.
- 7:00 p. m.—Musical Hour. Agnes Pearson's Flute Quartet. Sarah Karcher, violinist. Mrs. C. D. Smith, fancy drummer and xylophone player. Angelus Temple Silver Band, direction of Gladwyn Nichols.
- 8:00 p. m.—Revival Service, conducted by Aimee Semple McPherson. Altar call and after service.
- 10:00 p. m.—Organ recital by Esther Fricke Greene. Fanny Ashby, radio girl. Gladwyn N. Nichols, trumpet soloist. Organ numbers: 1. Sing, Smile, Slumber, by Gounod. 2. Jerusalem, the Golden, variations by Dr. Wm. Spark. 3. March from Queen of Sheba, by Gounod, arranged by Eddy.

TUESDAY, NOVEMBER 3—

- 10:30 a. m.—Sunshine Hour. Sermon by Rev. Gladwyn N. Nichols. Prayers for the sick and afflicted. Fanny Ashby, radio girl. Helen Stanhope, soprano and accompanist.
- 11:30 p. m.—Organ numbers by Ruth Frances Thomas. Mabel Fay, contralto. LaMot Stelzer, baritone. Mattie Duckett, colored soprano.
- 3:30 p. m.—Organ recital by Esther Fricke Greene. Isabelle Wilson Corning, soprano. Sarah Karcher, violinist. Organ numbers: 1. The Answer, by Wolstenholme. 2. Prelude in C Minor, by Rachmaninoff. 3. Nocturne Op. 9, No. 2, by Chopin.
- 6:30 to 7:30 p. m.—Gray Studio program by James Beardslye (Cousin Jim) and Eugene Lamb, pianist. Tune in for Angelus Hour.

WEDNESDAY, NOVEMBER 4—

- 10:30 a. m.—Sunshine Hour. Sermon and prayers for the sick by Anita Hopper. Fanny Ashby, radio girl. Helen Stanhope, soprano and accompanist.
- 11:30 a. m. to 12:30 p. m.—Organ recital by B. Earnest Ballard. Amanda Garden, reader. Felicia Lavender Black, soprano. Eleanor Maegle, violinist. Mr. and Mrs. Sidney Correll, vocal duets. John Kennedy, baritone.
- 2:30 to 5:30 p. m.—Regular Divine Healing Service by Aimee Semple McPherson. Testimonies. Fanny Ashby, radio girl. Ladies' chorus.
- 6:30 to 7:30 p. m.—Angelus Hour. Program given by the Ukelele Band of 35 members, directed by Essie Binkley.

THURSDAY, NOVEMBER 5—

- 10:30 a. m.—Sunshine Hour. Sermon by Anita Hopper. Prayer for the sick by Rev. Bert Bruffett. Fanny Ashby, soprano. Helen Stanhope, soprano and accompanist. Essie Binkley, cornetist. V. Stanley Dodge, tenor.
- 11:30 a. m. to 12:30 p. m.—Organ recital by B. Earnest Ballard. Eunice Hogan Craigin, soprano. Vocal duets by Viola Pederson and Ruth King.
- 3:30 to 4:30 p. m.—Organ recital by B. Earnest Ballard, assisted by vocal artists.
- 7:30 to 9:15 p. m.—Regular water baptismal service, conducted by Aimee Semple McPherson. Ladies' quartet.
- 9:15 p. m.—Gray Studio program by Ruth Frances Thomas, with assisting artists.
- 10:00 to 11:00 p. m.—Organ recital by Esther Fricke Greene, assisted by Alfred Greene, lyric tenor, singing "Great Peace Have They." Organ numbers: 1. Slumber Song, by Ethelbert Nevin. 2. Caprice, by Ralph Kinder. 3. Andante in G, by Alexander Guilmont.

FRIDAY, NOVEMBER 6—

- 10:30 to 11:30 a. m.—Sunshine Hour. Sermon and prayers for the sick by Anita Hopper. Fanny Ashby, soprano. Helen Stanhope, soprano and accompanist. Essie Binkley, cornetist.
- 11:30 a. m. to 12:30 p. m.—Organ recital, by B. Earnest Ballard. Margaret McNeil and Ruth Winter Hanna, sopranos. Ernest Hardwick, tenor.
- 3:30 to 4:30 p. m.—Organ recital by B. Earnest Ballard.
- 7:30 to 9:30 p. m.—Crusaders' Rally. Address by Aimee Semple McPherson. Special program arranged for the young people by the young people.
- 9:30 to 10:30 p. m.—Gray Studio program, presented by the Temple Silver Band, directed by Gladwyn N. Nichols. Fanny Ashby, radio girl. Frank Brown, evangelistic singer. Ada Lantz, soprano.

SATURDAY, NOVEMBER 7—

- 10:30 a. m.—Sunshine Hour. Sermon and prayers for the sick, by Rev. Gladwyn N. Nichols. Fanny Ashby, radio girl. Helen Stanhope, soprano and accompanist.
- 11:30 a. m. to 12:30 p. m.—Organ recital, by Esther Fricke Greene. Clyde Umhey, baritone. Howard Murphy and Herbert Rodgers, harmonicas.
- 3:30 to 4:30 p. m.—Girls' Ukelele Trio. Inglewood String Trio. Children's Orchestra, under the direction of Helen McNaughton. Bessie Lincoln, pianist. Blanche Clay, soprano.
- 7:30 to 9:30 p. m.—Divine Healing Service, conducted by Aimee Semple McPherson. Testimonies. Prayers for the sick.

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WEEK COMMENCING NOVEMBER 1, 1925

SUNDAY, NOVEMBER 1—

10:45 a. m. to 12:30 p. m.—Regular services of the Church of the Open Door, including sermon by Rev. Keith L. Brooks. Musical program under the direction of Prof. J. B. Trowbridge, assisted by Prof. Alfred A. Butler, organist, and the Chorus Choir.
 6:00 to 8:45 p. m.—Radio Vesper Service. Sermon by Dr. W. E. McCollough of First United Presbyterian Church of Los Angeles. Miss Ruth Lilyquist, contralto, soloist;
 7:15 to 9:30 p. m.—Regular services of the Church of the Open Door, including sermon by Rev. William H. Pike. Musical program in charge of Prof. J. B. Trowbridge, assisted by large Chorus Choir, and Prof. Alfred A. Butler, organist.

MONDAY, NOVEMBER 2—

8:00 to 9:00 p. m.—The Sunshine Four of the Bible Institute will have charge of the program. There will be numbers sung with ukeleles and guitar. The personnel of the Sunshine Four is Miss Mildred Bridge, first soprano; Miss Agatha Toevs, second soprano; Miss Pearl Johnson, first alto; Miss Helen Yeths, second alto. Miss Bridge and Miss Toevs will sing soprano solos. Miss Helen Yeths, pianist and accompanist.

TUESDAY, NOVEMBER 3—

8:00 to 9:00 p. m.—Musical program given by the Citadel Band.

WEDNESDAY, NOVEMBER 4—

8:00 to 9:00 p. m.—The Tovey-Shively Mixed Quartet will give a varied musical program.

THURSDAY, NOVEMBER 5—

8:00 to 9:00 p. m.—Exposition of the whole Bible Sunday school lesson by Mr. R. H. Richards.

FRIDAY, NOVEMBER 6—

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

K F W O—The Island Station—211.1 Meters

"Katalina for Wonderful Outings"
 AVALON, SANTA CATALINA ISLAND, CALIFORNIA

MAJOR LAWRENCE MOTT Owner-Operator MISS FRANCES HEWITT Studio and Program Director
 Power 250 Watts—Western Electric Equipment

MONDAYS—

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

TUESDAYS—

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

WEDNESDAYS—

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

THURSDAYS—

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

FRIDAYS—

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

SATURDAYS—

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

SUNDAYS—

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

KPPC—Pasadena Presbyterian Church—229 Meters

PASADENA, CALIF.
 50 WATT—1310 KILOCYCLES

REV. ROBERT FREEMAN, D.D., Pastor G. ANTON POHLMAN, Announcer
 PROGRAM COMMENCING SUNDAY, NOVEMBER 1, 1925

SUNDAY, NOVEMBER 1—

10:30 a. m.—Tower chimes by Samuel L. Allen, and announcements.
 11:00 a. m.—Sermon by Rev. Robert Freeman, D.D. Music by church quartet and Mr. James Sherer, concert organist.
 6:45 p. m.—Tower chimes by Mr. Allen, and announcements.
 7:30 p. m.—Dr. Freeman on "The Acropolis at Athens—Forerunners of Christianity."
 7:00 p. m.—Organ recital by Mr. James Sherer.

WEDNESDAY, NOVEMBER 4—

6:45 p. m.—Dr. Freeman's lecture on "The Religion of the Exile and Reconstruction."
 7:30 p. m.—Tower chimes by Samuel L. Allen, and announcements.
 7:45 p. m.—Prayer meeting led by Dr. Freeman. Devotional lesson in Mark. Discus- sional question, "What poems and hymns have been most helpful to you?" Radio listeners are invited to send in their choices.

K N R C—Kierulff & Ravenscroft Co.—208 Meters

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 CLARENCE JUNEAU, Technician. LINNIE LEE GUESS, Hostess and Accompanist
 "HASTINGS," Manager and Director of Programs
 R. E. COWLEY, Assistant Program Arranger

WEEK COMMENCING MONDAY, NOVEMBER 2, 1925

MONDAY, NOVEMBER 2—

11:00 to Noon—Studio hour.
 1:30 p. m.—"Happy" Dodge of Pasadena.
 Silent nite.

TUESDAY, NOVEMBER 3—

11:00 to Noon—Studio hour.
 7:00 to 10:00 p. m.—Dance music by Prudence Bros.' Orchestra.

WEDNESDAY, NOVEMBER 4—

11:00 to Noon—Studio hour. Virginia Tappan's cooking talks.
 7:00 to 10:00 p. m.—Dance music by Jack Smith's KNRC Orchestra. Joseph Mertz, lyric tenor. Accompanist, Linnie Lee Guess.

THURSDAY, NOVEMBER 5—

11:00 to Noon—Studio hour.
 7:00 to 10:00 p. m.—Dance music by Jack Smith's KNRC Orchestra. Chester Waldron, tenor. Accompanist, Frank Metheny.

FRIDAY, NOVEMBER 6—

11:00 to Noon—Studio hour.
 7:00 to 10:00 p. m.—Dance music by Abe Hallman's Orchestra. The Zachary Bros.' trio.

SATURDAY, NOVEMBER 7—

11:00 to Noon—Studio hour. Jack Schaffer, vocalist, with banjo and ukulele. Paul W. Ford, baritone. Accompanist, Linnie Lee Guess.
 6:00 to 7:00 p. m.—Dance music by Anton Lada and his Louisiana Five.
 7:00 to 10:00 p. m.—Dance music by Leroy Parry's Elite Orchestra and Prudence Bros.' Orchestra.

SUNDAY, NOVEMBER 8—

10:00 to 11:00 p. m.—Dance music by Anton Lada and his Louisiana Five.

K F P G—238 Meters

100 WATTS—1260 KILOCYCLES

Owned and Operated by K. M. TURNER RADIO CORPORATION
 1517 North Wilton Place—Telephone HOLLY 3026—Hollywood, California
 "DAD" KING, Announcer FREEMAN LANG, Technical Engineer

9:00 a. m.—Postal Telegraph Time Signal.

DAILY EXCEPT SUNDAY—

10:30 a. m.—Shopping notes.
 11:00 a. m.—Reserve Hour.
 12:00 noon—Luncheon program
 1:00 p. m.—Farm and Suburban Hour. Chester Baake will talk on Gardening and Lawns.
 1:30 p. m.—E. Wayne Boyden will talk on "Bees."
 2:00 p. m.—Turner Radio Publicity.
 2:30 to 3:30 p. m.—Easy Chair Program.
 3:30 p. m.—Stock closings.
 5:00 to 8:00 p. m.—Home Hour, conducted by Georgia Simmons.
 8:00 to 7:00 p. m.—Dinner music.
 7:30 p. m.—History, Astronomy, Science, etc.

SUNDAY, NOVEMBER 1—

8:00 to 9:00 p. m.—K F P G Concert Orchestra, with the Turner Orchestra.

MONDAY, NOVEMBER 2—

9:00 to 9:30 a. m.—"Dad's Hour," by Dad King.
 10:00 a. m.—Dr. J. D. Dunshee of the City Board of Health and Child Welfare League will talk.
 8:00 to 10:00 p. m.—K F P G Concert Hour, with the Turner Orchestra.
 10:00 p. m.—Dance music, by remote control.

TUESDAY, NOVEMBER 3—

8:00 to 10:00 p. m.—K F P G Concert Hour, with the Turner Orchestra.
 10:00 to 11:00 p. m.—Dance music by remote control.

WEDNESDAY, NOVEMBER 4—

8:00 to 10:00 p. m.—K F P G Concert Hour, with the Turner Orchestra.
 10:00 to 11:00 p. m.—Dance music by remote control.

THURSDAY, NOVEMBER 5—

9:30 to 10:00 a. m.—Sylvia Szymanski, "The Blind Cook."
 10:00 a. m.—Dr. A. E. Hoare of the Optometrist Society will talk.
 8:00 to 10:00 p. m.—Formal opening of K F P G.

FRIDAY, NOVEMBER 6—

10:00 a. m.—Dr. Comstock of the Southwest Museum will talk.
 8:00 to 10:00 p. m.—K F P G Concert Hour, with the Turner Orchestra.
 10:00 to 11:00 p. m.—Dance music by remote control.

SATURDAY, NOVEMBER 7—

8:00 to 9:00 p. m.—Maggie O'Shea's Hour, "The Blarney Girl of K F P G."
 9:00 to 11:00 p. m.—Rambler's Hour, through the courtesy of the Bingo Water

K F O N—Echophone Radio Co.—232-4 Meters

100 WATTS—1290 KILOCYCLES

LONG BEACH, CALIFORNIA

"Where Your Ship Comes In"

FRANK P. GOSS, Program Arranger and Studio Director

HAL G. NICHOLS, Manager

DAILY EXCEPT SUNDAY—

10:00 a. m.—Daily shopping tour.

DAILY EXCEPT THURSDAY AND SUNDAY—

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

WEEK COMMENCING MONDAY, NOVEMBER 2, 1925**MONDAY, NOVEMBER 2—**

10:00 to 11:00 a. m.—Morning shopping tour.

4:00 to 4:30 p. m.—Press-Telegram late news reports.

4:30 to 5:00 p. m.—Amusement bulletin.

8:00 to 9:00 p. m.—Press-Telegram program presenting Community Service Entertainment at Municipal Auditorium.

9:00 to 10:00 p. m.—Ar dys Anderson musical hour.

TUESDAY, NOVEMBER 3—

10:00 to 11:00 a. m.—Morning shopping tour.

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

4:00 to 4:30 p. m.—Press Telegram late news reports and James H. Harvey, deep sea fishing news.

4:30 to 5:00 p. m.—Amusement bulletin.

8:00 to 9:00 p. m.—Press-Telegram program directed by William Conrad Mills.

11:00 p. m. to 1:00 a. m.—Long Beach Aero Club Midnight Hi-Jinks.

WEDNESDAY, NOVEMBER 4—

10:00 to 11:00 a. m.—Morning shopping tour.

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

4:00 to 4:30 p. m.—Press-Telegram late news reports and Peggy of the Press-Telegram in a talk to women.

4:30 to 5:00 p. m.—Amusement bulletin.

8:00 to 9:00 p. m.—Press-Telegram program directed by L. D. Frey.

THURSDAY, NOVEMBER 5—

10:00 to 11:00 a. m.—Morning shopping tour.

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

4:00 to 4:30 p. m.—Press-Telegram late news reports.

4:30 to 5:00 p. m.—Amusement bulletin.

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

FRIDAY, NOVEMBER 6—

10:00 to 11:00 a. m.—Morning shopping tour.

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

4:00 to 4:30 p. m.—Press-Telegram late news reports and James H. Harvey, deep sea fishing news.

4:30 to 5:00 p. m.—Amusement bulletin.

8:00 to 9:00 p. m.—Press-Telegram program presented by Cecelia Rose Kading, violinist.

11:00 p. m. to 1:00 a. m.—Long Beach Elks No. 888 Midnight Frolic.

SATURDAY, NOVEMBER 7—

10:00 to 11:00 a. m.—Morning shopping tour.

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

4:00 to 4:30 p. m.—Press-Telegram late news reports.

4:30 to 5:00 p. m.—Amusement bulletin.

7:30 to 9:00 p. m.—Long Beach Municipal Band and "Daddy" Matteson in a nature story for young folks.

9:00 to 11:00 p. m.—Echophone Entertainers' Frolic.

SUNDAY, NOVEMBER 8—

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

4:00 to 4:30 p. m.—Amusement bulletin.

8:00 to 9:00 p. m.—Services from First Church of Christ, Scientist.

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1000 WATTS—700 KILOCYCLES

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

WEEK COMMENCING SUNDAY, NOVEMBER 1, 1925**SUNDAY, NOVEMBER 1—**

- 9:45 to 10:45 a. m.—Undenominational and non-sectarian church service. Talk. "The Law of Opposites," by Dr. Frank Boyd, a noted Australian.
10:45 a. m.—"Ye Towne Cryer" and amusement information service. U. S. weather forecast.
5:00 to 6:00 p. m.—Organ recital by Marshall W. Gieselman
6:00 to 6:30 p. m.—Waldemar Lind and the States Restaurant Orchestra.
6:35 to 7:30 p. m.—Palace Hotel Concert Orchestra, Cyrus Trobbe, director.
8:00 to 8:30 p. m.—Palace Hotel Concert Orchestra, Cyrus Trobbe, director.
8:30 to 10:00 p. m.—Rudy Seiger's Fairmont Hotel Orchestra.

MONDAY, NOVEMBER 2—

- 12:30 p. m.—U. S. special weather forecast.
1:00 to 2:00 p. m.—Rudy Seiger's Fairmont Hotel Orchestra.
2:30 p. m.—Program of Hawaiian and popular music by a trio from the Truett-George Studio.
5:30 to 6:15 p. m.—Children's hour stories by Big Brother
6:40 to 7:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.
7:00 to 7:30 p. m.—Rudy Seiger's Fairmont Hotel Orchestra.
8:00 to 8:45 p. m.—Program of organ music by Uda Waldrop,
9:00 to 10:00 p. m.—Studio program.
10:00 to 11:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.

TUESDAY, NOVEMBER 3—

- 10:35 a. m.—Market report on butter, eggs, cheese and poultry.
12:30 p. m.—Special weather forecast.
1:00 to 2:00 p. m.—Rudy Seiger's Fairmont Hotel Orchestra.
2:30 to 3:30 p. m.—Matinee program at the studio.
3:30 to 4:30 p. m.—Cyrus Trobbe's Palace Hotel Concert Orchestra.
5:30 to 6:15 p. m.—Children's hour stories by Big Brother
6:40 p. m.—Waldemar Lind and the States Restaurant Orchestra.
7:00 to 7:30 p. m.—Rudy Seiger's Fairmont Hotel Orchestra.
8:00 to 9:00 p. m.—Program by the United States 30th Infantry Band;
9:00 to 10:00 p. m.—Program given through the courtesy of the Mona Motor Oil Trio
10:00 to 11:00 p. m.—Jack Coakley's Cabirians playing at Cabiria Cafe.

WEDNESDAY, NOVEMBER 4—

- 12:00 Noon—Time signals. Reading of the Scripture.
12:30 p. m.—Special weather forecast.
1:00 to 2:00 p. m.—Rudy Seiger's Fairmont Hotel Orchestra.
2:30 p. m.—Program of Hawaiian music by Duke Kamoku and his Royal Hawaiians.
5:30 to 6:15 p. m.—Children's hour stories by Big Brother
6:40 to 7:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.
7:00 to 7:30 p. m.—Rudy Seiger's Fairmont Hotel Orchestra.
8:00 to 9:00 p. m.—Orchestral selections with vocal numbers by the Atwater Kent artists.
9:00 to 10:00 p. m.—Program of dance music by the Goodrich Silvertown Cord Orchestra.
10:00 to 11:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.

THURSDAY, NOVEMBER 5—

- 12:00 Noon—Time signals. Reading of the Scripture.
12:30 p. m.—Special U. S. weather forecast.
1:00 to 2:00 p. m.—Rudy Seiger's Fairmont Hotel Orchestra.
2:30 p. m.—Studio program.
3:30 to 4:30 p. m.—Cyrus Trobbe's Palace Hotel Concert Orchestra.
5:30 to 6:15 p. m.—Children's hour stories by Big Brother of KPO.
6:40 to 7:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.
7:00 to 7:30 p. m.—Rudy Seiger's Fairmont Hotel Orchestra.
8:00 to 9:00 p. m.—Program given through the courtesy of the Geo. W. Caswell Coffee Company.
9:00 to 10:00 p. m.—Studio program.
10:00 to 11:00 p. m.—Jack Coakley's Cabirians playing at the Cabiria Cafe.

FRIDAY, NOVEMBER 6—

- 12:00 Noon—Time signals. Reading of the Scripture.
12:45 p. m.—Talk from the Commonwealth Club luncheon at the Palace Hotel
1:30 to 2:00 p. m.—Rudy Seiger's Fairmont Hotel Orchestra.
5:30 to 6:00 p. m.—Entertainment for the kiddies.
6:00 to 6:10 p. m.—"Ye Towne Cryer" and amusement information service.
6:30 to 7:00 p. m.—Program of popular music by Reg. Code's Orchestra.
7:00 to 7:30 p. m.—S. B. Dickson in limerick chats,
8:00 to 11:00 p. m.—Dance orchestra, Gene James director.

SATURDAY, NOVEMBER 7—

- 12:00 Noon—Time signals. Reading of the Scripture.
12:30 p. m.—Special U. S. weather forecast.
1:00 to 2:00 p. m.—Rudy Seiger's Fairmont Hotel Orchestra.
2:30 p. m.—Studio program.
3:30 p. m.—Palace Hotel Concert Orchestra, Cyrus Trobbe director.
6:30 p. m.—"Ye Towne Cryer" and amusement information service.
6:35 to 7:30 p. m.—Waldemar Lind and the States Restaurant Orchestra.
8:00 to 12:00 p. m.—Cabiria Cafe Orchestra, Jack Coakley director.

K F R C—City of Paris Dry Goods Co.—268 Meters50 WATTS—1120 KILOCYCLES
SAN FRANCISCO, CALIFORNIA

LANSING TEVIS, Manager

HARRISON HOLLIWAY, Station Master

WEEK BEGINNING SUNDAY, NOVEMBER 1, 1925

SUNDAY, NOVEMBER 1—

6:30 to 7:30 p. m.—Concert in Drury Lane, Hotel Whitcomb, by Stanislaus Bem's Little Symphony.

7:30 to 8:00 p. m.—K F R C silent for distance period.

8:00 to 10:00 p. m.—Concert by Bem's Little Symphony.

10:00 to 12:00 p. m.—Dance music broadcast from Il Trovatore Cafe by Paul Kelli's Orchestra. Mort Harris, intermission soloist.

MONDAY, NOVEMBER 2—

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

6:30 to 7:30 p. m.—Jo Mendel and his Pep Band, Lido's Cafe.

8:00 to 9:00 p. m.—"Mac" Round the Campfire.

9:20 p. m.—"Theatre Arts Club" Players, direction of Talma-Zetta Wilbur.

TUESDAY, NOVEMBER 3—

6:30, 7:00, 7:30, 8:00 a. m.—Physical Culture Course, Bernard Drury.

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

6:30 to 7:30 p. m.—Fred McKinley of Bijin's, popular songs.

7:30 to 8:00 p. m.—K F R C silent for distance period.

8:00 to 9:00 p. m.—Studio program, courtesy of "Yellow Cab Company."

9:00 to 11:00 p. m.—Dance music by Paul Kelli's Orchestra, Il Trovatore Roof Garden Cafe. Intermission solos, Genevieve Chinn.

WEDNESDAY, NOVEMBER 4—

6:30, 7:00, 7:30, 8:00 a. m.—Physical Culture Course, Bernard Drury.

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

6:30 to 7:30 p. m.—Concert from Drury Lane, Hotel Whitcomb, by Stanislaus Bem's Little Orchestra.

8:00 to 9:00 p. m.—La Fete De Seville, Marchetti. Intermission, Health Talk, by Bernard Drury.

9:00 to 9:30 p. m.—Studio program.

10:00 to 11:00 p. m.—Meeting of K F R C Cuckoo Club.

11:00 p. m. to 1:00 a. m.—Dance music by Paul Kelli's Orchestra. Intermission solos, Clarence Gabriel and Vincent Taylor.

THURSDAY, NOVEMBER 5—

6:30, 7:00, 7:30, 8:00 a. m.—Physical Culture Course, Bernard Drury.

9:30 a. m.—"The Major." Queries and answers.

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

6:30 to 7:00 p. m.—Dance music, Norman Woodside's Metropolitan Orchestra, from Roberts-at-the-Beach.

8:00 to 10:00 p. m.—Paul Kelli's Orchestra, Il Trovatore Cafe. Intermission solos, Gladys La Mar, Perry Leibman and Ed Smith.

10:00 to 10:20 p. m.—Program by "Marvel Ant Gelatin Company."

FRIDAY, NOVEMBER 6—

6:30, 7:00, 7:30, 8:00 a. m.—Physical Culture Course, Bernard Drury.

9:30 a. m.—"The Major." Queries and answers.

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

6:30 to 7:30 p. m.—Concert in Drury Lane, Hotel Whitcomb, by Stanislaus Bem's Little Symphony Orchestra.

8:00 to 9:00 p. m.—Concert by Bem's Little Symphony Orchestra, Whitcomb Hotel, Drury Lane.

9:00 to 10:00 p. m.—Studio program.

10:00 to 11:00 p. m.—Paul Kelli's Orchestra.

11:00 to 12:00 p. m.—Soloist, Paul George.

SATURDAY, NOVEMBER 7—

6:30, 7:00, 7:30, 8:00 a. m.—Physical Culture Course, Bernard Drury.

2:30 p. m.—Play by Play description, Stanword V. Washington.

4:00 to 5:00 p. m.—Tea hour music, Stanislaus Bem's Little Symphony, Hotel Whitcomb, Drury Lane.

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

6:30 to 6:35 p. m.—Football flashes, complete gridiron results.

6:35 to 7:30 p. m.—Wilt Gunzendorfor's Band, playing in Drury Lane, Whitcomb Hotel.

8:00 p. m. to 1:00 a. m.—Wilt Gunzendorfor's Band.

K J B S—Julius Brunton & Sons—220 Meters

5 WATTS—1363 KILOCYCLES

Miss Lottie Cress, Concert Director, Phone Graystone 456. Edw. Ludes, Announcer
WEEK BEGINNING SUNDAY, NOVEMBER 1, 1925**SUNDAY, NOVEMBER 1—**

5:00 to 6:30 p. m.—Piano selections, Ozella Bostick; vocal solos, Dorothy Burke (female baritone), accompanied by Ozella Bostick; tenor solos, Rudy Swall, accompanied by Lottie Cress; soprano solos, Genevieve Silliman, accompanied by Lottie Cress; bass solos, George Black, accompanied by Lottie Cress; piano solos, Vera Adelstein; vocal solos, Adele Leahy, accompanied by Ozella Bostick; tenor solos, Ray MacDonald, accompanied by Mary Ryan Kellogg; mezzo soprano solos, Edna Bicknell Smith, accompanied by Mary Ryan Kellogg; piano solos, Mary Ryan Kellogg; tenor solos, Clarence Gabriel, accompanied by Vincent Taylor; piano solos, selected, Vincent Taylor; tenor solos, Clarence Gabriel, accompanied by Vincent Taylor; vocal duets, Dorothy

TUESDAY, NOVEMBER 3—

9:00 to 10:15 a. m.—Vocal and instrumental selections.
10:45 to 11:30 a. m.—Vocal and instrumental selections.
2:00 to 2:30 p. m.—Vocal and instrumental selections.
8:00 to 10:00 p. m.—H. B. Pasmore and artist pupils.

THURSDAY, NOVEMBER 5—

9:00 to 10:00 a. m.—Vocal and instrumental selections.
10:20 to 11:30 a. m.—Vocal and instrumental selections.
2:00 to 2:30 p. m.—Vocal instrumental selections.
8:00 to 10:00 p. m.—Studio program by Jimmy Raymond.

FRIDAY, NOVEMBER 6—

9:00 to 10:00 a. m.—Vocal and instrumental selections.
10:45 to 11:30 a. m.—Vocal and instrumental selections by Harvey's Entertainers.
2:00 to 2:30 p. m.—Vocal instrumental selections.
8:00 to 9:00 p. m.—Piano solos, popular selections, Ozella Bostick; baritone solos, Edward Florine, accompanied by Lottie Cress; soprano solos, Edna Bicknell Smith, accompanied by Mary Ryan Kellogg; tenor solos, Ray MacDonald, accompanied by Mary Ryan Kellogg; piano solos, Mary Ryan Kellogg; soprano solos, Edna Bicknell Smith, accompanied by Mary Ryan Kellogg; bass solos, George Black, accompanied by Ozella Bostick; soprano solos, June McKelvey, accompanied on ukulele; baritone solos, Edward Florine, accompanied by Lottie Cress; songs with ukulele accompaniment, June McKelvey; tenor solos, Ray MacDonald, accompanied by Mary Ryan Kellogg; bass solos, George Black, accompanied by Ozella Bostick.
9:00 to 9:45 p. m.—Royal Order of Smoked Herrings.
9:45 to 10:45 p. m.—Harvey's Entertainers and Gladys La Marr.
10:45 to 11:00 p. m.—Herrings' fun.

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OAKLAND, CALIFORNIA
1000 WATTS—1250 KILOCYCLES
ADA MORGAN O'BRIEN, Director

WEEK COMMENCING SUNDAY, NOVEMBER 1, 1925

SUNDAY, NOVEMBER 1—

9:45 to 10:45 a. m.—Bible lecture by Prof. Linsly.
11:00 a. m. to 12:30 p. m.—Church service.
7:45 to 9:00 p. m.—Church service.
9:30 to 11:00 p. m.—After-service concert.

MONDAY, NOVEMBER 2—

9:00 to 9:30 a. m.—Prayer service by Rev. Spaulding.
4:00 to 5:00 p. m.—Women's Club Notes.
8:00 to 10:00 p. m.—Program by Western States Life Insurance Co.

TUESDAY, NOVEMBER 3—

9:00 to 9:30 a. m.—Prayer service by Rev. Phillips.
8:00 to 10:00 p. m.—Program by Mutual Stores.

WEDNESDAY, NOVEMBER 4—

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

THURSDAY, NOVEMBER 5—

9:00 to 9:30 a. m.—Prayer service by Rev. Phillips.
8:00 to 9:00 p. m.—Program by Olympic Club.
9:00 to 10:00 p. m.—Program by California Transit Co.

FRIDAY, NOVEMBER 6—

9:00 to 9:30 a. m.—Prayer service by Rev. Spaulding.
8:00 to 10:00 p. m.—Program by Breuner's.

SATURDAY, NOVEMBER 7—

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

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PROGRAM COMMENCING SUNDAY, NOVEMBER 1, 1925

SUNDAY, NOVEMBER 1—

7:00 to 9:30 a. m.—Half hour of Sunday School Lesson program under the auspices of the magazine "Today." Male Trio: Showers of Blessing; The Fight Is On; Grace Enough for Me. Sunday School Lesson Exposition by Gilbert F. Hoff.

3:30 to 4:30 p. m.—Studio program of sacred music by the chorus of the Oakland Temple Baptist Church, Charles Eugene Ross, pastor. Message by the pastor. Chorus numbers: Open Your Heart to Jesus; Precious Promises; Showers of Blessing; Praise Ye the Lord; Saved by Grace; I Know That My Redeemer Liveth; Go and Tell; The King's Business; Win the One Next to You; The Way of the Cross; Stepping in the Light; The Sweet Bye and Bye.

TUESDAY, NOVEMBER 3—

2:30 to 3:30 p. m.—Usual studio program of questions and answers by Louis L. Sherman, M.D.

6:30 to 7:30 p. m.—Studio program of sacred music by the Glad Tidings Revival Chorus, with brief message by Rev. A. Axup, pastor.

WEDNESDAY, NOVEMBER 4—

8:00 to 9:00 p. m.—Sacred song program by the Melrose Baptist Church, Rev. D. M. Dawson, pastor. Scripture, prayer, and message by D. M. Dawson. Soprano solo, My Wonderful Dream, Mrs. Katherine Roe. Baritone solo, My Lord and I, by Mr. Earl C. Wilson. Chorus numbers: I Love to Tell the Story; He Ransomed Me; Never Give Up; Lead Me, Saviour; If Jesus Goes With Me.

THURSDAY, NOVEMBER 5—

4:30 to 5:00 p. m.—Questions and answers by Louis L. Sherman, M.D.

5:00 to 5:30 p. m.—Children's Novelty Program by boys and girls, with musical toys, program courtesy of "Ford's Toy Fair," Oakland, Calif.

FRIDAY, NOVEMBER 6—

8:00 to 9:00 p. m.—Studio program of sacred music by the Gospel Tabernacle Chorus of the Christian and Missionary Alliance, with brief message by Rev. Hardy W. Mitchell, pastor. Male quartet selection. Violin solo by Alfred Zelout. Vocal solo by Mrs. Paul Johnson. Chorus numbers: Redeemed and Saved; Jesus Only; I Would Be Like Thee; Jesus Is Calling.

SATURDAY, NOVEMBER 7—

6:15 to 6:45 p. m.—Studio program by the choir of the First Church of the Nazarene, Fred M. Weatherford, pastor. Special feature, several selections by Earle F. Wilde, Gospel tenor solo artist.

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OAKLAND, CALIFORNIA

WEEK BEGINNING MONDAY, NOVEMBER 2, 1925

MONDAY, NOVEMBER 2—

- 6:00 to 7:00 p. m.—Aunt Elsie's Irate Pirate for the children.
- 7:00 to 7:30 p. m.—News broadcast.
- 8:00 to 9:00 p. m.—Program through the courtesy of Piggly Wiggly Stores of Oakland.
- 9:00 to 10:30 p. m.—Special Protective Order of Lake Merritt Ducks' program, featuring first of a series of "lodge evenings," the guests being the Knights of Columbus.

TUESDAY, NOVEMBER 3—

- 6:00 to 7:00 p. m.—Aunt Elsie's Irate Pirate for the children.
- 7:00 to 7:30 p. m.—News broadcast.
- Silent after 7:30 p. m.

WEDNESDAY, NOVEMBER 4—

- 6:00 to 7:00 p. m.—Aunt Elsie's Irate Pirate for the children.
- 7:00 to 7:30 p. m.—News broadcast.
- 8:00 to 9:00 p. m.—Sweet's ball room. Harry Davis and his ball room entertainers.

THURSDAY, NOVEMBER 5—

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

FRIDAY, NOVEMBER 6—

- 6:00 to 7:00 p. m.—Aunt Elsie's Irate Pirate for the children.
- 7:00 to 7:30 p. m.—News broadcast.
- 8:00 to 9:45 p. m.—"Modesto Night," featuring bands and solo artists from Modesto, California.
- 9:45 to 10:30 p. m.—Sweet's ball room. Harry Davis and his ball room entertainers.

SATURDAY, NOVEMBER 7—

- 3:15 p. m.—Football.
- 7:00 to 7:30 p. m.—News broadcast.
- Silent after 7:30 p. m.

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GENERAL ELECTRIC COMPANY, OAKLAND, CALIFORNIA

DAILY EXCEPT SUNDAY—

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

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

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

8:30 a. m.—"Daily Strength," Cheerio.

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

DAILY EXCEPT SATURDAY AND SUNDAY—

1:30 p. m.—New York and San Francisco stock reports and weather.

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

WEEK COMMENCING SUNDAY, NOVEMBER 1, 1925**SUNDAY, NOVEMBER 1—**

11:00 a. m.—Service of the First Presbyterian Church, Oakland; Rev. Frank M. Silsley.

3:30 p. m.—Concert by KGO Little Symphony Orchestra, Carl Rhodehamel conducting.

7:30 p. m.—Service and organ recital from the First Presbyterian Church of Oakland; Rev. Frank M. Silsley, D.D., pastor; Walter B. Kennedy, organist.

MONDAY, NOVEMBER 2—

10:40 a. m.—Classroom instruction by Oakland Public Schools, sixth grade.

3:00 to 4:00 p. m.—Musical program.

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

6:00 to 7:00 p. m.—Dinner concert, courtesy Baldwin Piano Co.

8:00 p. m.—Education program. Health talk, California State Board of Health: "Physical Culture for the Family," Hugh Barrett Dobbs; "Government," Better Citizenship League; "Talks on Constructive Selling," Neville Rich; "Chats About New Books," Joseph Henry Jackson; "It Pays to Analyze Character," Roscoe D. Wyatt; "National Farm Radio Council."

TUESDAY, NOVEMBER 3—

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

6:00 to 7:00 p. m.—Dinner concert, courtesy Baldwin Piano Co.

8:00 p. m.—"Radio Breezes" by K. C. B., famous newspaper columnist.

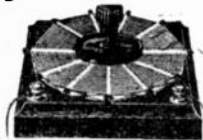
8:10 p. m.—Concert by KGO Little Symphony Orchestra, Carl Rhodehamel conducting;

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K G O—Pacific Coast Station—361.2 Meters**WEDNESDAY, NOVEMBER 4—**

- 8:45 a. m.—Mme. Elfrieda Wynne, inspirational songs.
 3:00 to 4:00 p. m.—Kenneth Seibak, boy soprano; Mrs. Tyson A. Pearson, mezzo-contralto;
 4:00 to 5:30 p. m.—Concert Orchestra, Hotel St. Francis, San Francisco,
 5:30 p. m.—Mr. Fix-It.
 6:00 to 7:00 p. m.—Dinner concert, courtesy Baldwin Piano Co.
 SILENT NIGHT.

THURSDAY, NOVEMBER 5—

- 10:40 a. m.—Classroom instruction by Oakland Public Schools, ninth grade.
 4:00 to 5:30 p. m.—Concert Orchestra, Hotel St. Francis, San Francisco,
 5:30 to 6:30 p. m.—George W. Ludlow, "Friend to Boys."
 8:00 p. m.—Part One: Musical Program furnished by Sherman, Clay & Co., in honor of Dr. James L. Gordon, minister, First Congregational Church, San Francisco, and celebration. "Family Gathering." Artists scheduled: Margaret Raas Waldrop, soprano; Uda Waldrop, pianist; Josephine Holum, violinist; Margaret Avery, cellist; Joyce Barthelson, pianist. Part Two: Recital by Helen O'Neal, soprano; Allan Wilson, tenor.
 10:00 p. m. to 12 midnight—Dance music program by Ben Black's Orchestra

FRIDAY, NOVEMBER 6—

- 11:10 a. m.—Prudence Penny home-making talks.
 3:00 to 4:00 p. m.—Concert, auspices Baldwin Piano Company: Mary Pasmore, violin; Dora Erlmann, piano.
 4:00 to 5:30 p. m.—Concert Orchestra, Hotel St. Francis, San Francisco, Vinton La Ferrara, conducting.
 5:30 to 6:00 p. m.—Girls' Half Hour.
 6:00 to 7:00 p. m.—Dinner concert, courtesy Baldwin Piano Co.
 SILENT NIGHT.

SATURDAY, NOVEMBER 7—

- 12:30 noon—Final reading, stock reports and weather.
 4:00 to 5:30 p. m.—Concert Orchestra, Hotel St. Francis, San Francisco, Vinton La Ferrara conducting.
 8:00 p. m.—Weekly "Sport Review" by Al Santoro.
 8:10 p. m.—National Carbon Company program. Part One: "The Serenade," a comic opera by Victor Herbert, with orchestral accompaniment by Vinton La Ferrara and his Concert Orchestra. Part Two: Instrumental selections by Vinton La Ferrara and his Concert Orchestra. Part Three: "The Recruiting Office," a comedy with music, by Harry L. Newton.
 10:00 p. m. to 12 midnight—Dance music program from the Hotel St. Francis, San Francisco.

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K R E—Berkeley Daily Gazette—259 MetersBroadcasting Station and Studio, Hotel Claremont
BERKELEY, CALIFORNIA

WEEK COMMENCING SUNDAY, NOVEMBER 1, 1925

SUNDAY, NOVEMBER 1—

10:00 to 11:00 a. m.—Church Service (radiocast from K R E Studios) conducted by St. Michaels Evangelical Lutheran Church of Berkeley, Calif., Rev. Earnest Anton Trabert.
 6:30 to 7:30 p. m.—Dinner
 8:15 to 9:00 p. m.—Instrumental Concert
 9:00 to 10:00 p. m.—Hour of Sacred Music

MONDAY, NOVEMBER 2—(Play Night)

8:00 to 10:00 p. m.—Studio program.
 10:30 p. m.—Current news of the day by direct wire.

TUESDAY, NOVEMBER 3—(Educational)—

PART I
 9:00 p. m.—Studio program Travelogue Talk, "A Trip to South Africa."
 PART II
 9:15 to 10:15 p. m.—Studio program by artist pupils of Josephine Wilson-Jones.
 PART III
 10:15 to 11:00 p. m.—Dance program by the Melody Players' Dance Orchestra.

WEDNESDAY, NOVEMBER 4—

5:00 to 6:00 p. m.—Kiddies' Hour with Big Brother. Stories and reading of letters.
 5:30 p. m.—Kiddies' entertainment by pupils from the Cora L. Williams Institute
 9:00 to 12:00 p. m.—Dance program, The Hotel Claremont Dance Orchestra
 9:30 p. m.—Studio program.
 10:00 p. m.—Studio program.
 10:30 p. m.—Current news of the day by direct wire.

THURSDAY, NOVEMBER 5—

8:00 to 10:00 p. m.—(Community Night).
 10:15 to 11:00 p. m.—Dance program by "The Columbians"

FRIDAY, NOVEMBER 6—

9:00 to 12:00 p. m.—Dance program.
 9:30 p. m.—Studio program. Intermission solos by members of the orchestra.

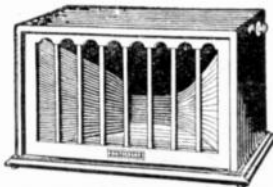
SATURDAY, NOVEMBER 7—

8:00 to 12:00 p. m.—Dance program,
 of the West Coast Theaters, Inc. (courtesy of the management).
 9:30 p. m.—Studio program.
 10:30 p. m.—Current news of the day by direct wire

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WEEK COMMENCING MONDAY, OCTOBER 26, 1925

MONDAY, NOVEMBER 2—

8:00 p. m.—Vocal program.
8:30 p. m.—Pantages Hippodrome Vaudeville acts.
9:00 p. m.—Dance music.

THURSDAY, NOVEMBER 5—

8:00 p. m.—Vocal program.
8:20 p. m.—Orchestra from Pantages Hippodrome Theater.
8:30 p. m.—Musical program.
9:00 p. m.—Dance music.

SATURDAY, NOVEMBER 7—

8:00 p. m.—Vocal program.
8:10 p. m.—Max Bradford's Band from the Senator Theater.
9:00 p. m.—Dance music.

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WEEK COMMENCING MONDAY, NOVEMBER 2, 1925

MONDAY, NOVEMBER 2—

9:30 to 11:00 a. m.—Concert.
8:00 to 9:30 p. m.—Great Western Power Co. Orchestra.

WEDNESDAY, NOVEMBER 4—

9:30 to 11:00 a. m.—Concert.
6:45 to 7:30 p. m.—Mammy Cloe, Children's Hour, under the direction of Miss Mayme LaRue and Howard Eastwood.
8:00 to 9:00 p. m.—Flint Order of Phillyloobirds, under the direction of James H. MacLafferty, Jr. and Miss Teddy Jerome.
9:00 to 11:00 p. m.—Instrumental program by Fruitvale Camp No. 431, W. O. W. 1. Fruitvale Camp Orchestra. 2. Fruitvale Camp Orchestra. 3. Accordeon Solo, Leo Downey. 4. Accordeon Solo, Leo Downey. 5. Orchestra. 6. Address, by Arthur L. Schaffer. 7. Piano Solo, Miss Mary McEvoy. 8. Banjo Solo, Ralph Ericksen. 9. Banjo Solo, Ralph Ericksen. 10. Orchestra. 11. Saxophone Solo, John Hendon. 12. Saxophone Solo, John Hendon. 13. Harmonica Solo, Charles Lewis. 14. Harmonica Solo, Charles Lewis. 15. Orchestra. 16. Violin Solo, Miss Victoria Hartmann. 17. Violin Solo, Miss Victoria Hartmann. 18. Guitar Solo, Joseph Lario. 19. Guitar Solo, Joseph Lario. 20. Orchestra. 21. Trumpet Duet, Edward Perry and Heinie Dierksen. 22. Piano Solo, Jack Ehrenfried. 23. Piano Solo, Jack Ehrenfried. 24. Accordeon Solo, Leo Downey. 25. Orchestra. Personnel of Fruitvale Camp Orchestra: Owen Dyer, piano; George Brown, saxophone; Henry Dierksen, trumpet; John Hendon, saxophone; Edward Perry, trumpet; Ralph Ericksen, banjo; Leo Vargas (leader), drums. Entire program arranged by J. B. Steere.

SATURDAY, NOVEMBER 7—

7:30 to 9:00 p. m.—Special concert, direction Melvin Hall.

KWSC—State College of Washington—348.6 Meters

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WEEK COMMENCING MONDAY, NOVEMBER 2, 1925

MONDAY, NOVEMBER 2—

7:30 to 9:00 p. m.—Vocal solos. Glow Williamson, Spokane. Cougar Co-eds: Piano, Ruth Faulkner, Sumner; violin, Gladys Wiren, Aberdeen; saxophone, Dorothy Sturgis, Seattle; banjo, Fay Morris, Dayton; drums, Edna Daw, Seattle. New Developments in Industrial Chemistry, Prof. J. L. Culbertson, Chemical Engineering Dept., W. S. C. Readings by the Dramatic Dept.

WEDNESDAY, NOVEMBER 4—

7:30 to 9:00 p. m.—Piano, Beryl Squires, Pullman; voice, Harry Bohlke, Grandview. Production vs. Marketing, F. J. Sievers, Professor of Soils, W. S. C. Small Gargaes, Prof. F. G. Rounds, Department of Architecture. Book Reviews, Alice Lindsey Webb.

K F O A—Pacific Northwest Station—454.3 Meters

500 WATTS—860 KILOCYCLES

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

CARL E. HAYMOND, Station Director

WEEK COMMENCING MONDAY, NOVEMBER 2, 1925

MONDAY, NOVEMBER 2—

- 12:45 to 1:30 p. m.—The Lions' Club luncheon program from the Italian Room of the Olympic Hotel.
 4:00 to 4:15 p. m.—The Times "Afternoon at Home" program.
 6:00 to 6:45 p. m.—Pacific States Electric Co., presenting the Hoffman Orchestra by remote control from the Olympic Hotel. Baseball scores.
 6:45 to 8:15 p. m.—Sherman, Clay & Company Studio program.
 8:15 p. m.—Weather report and special announcements.
 8:30 to 10:00 p. m.—The Times Studio program by Goodrich Silvertown Cord Orchestra.

TUESDAY, NOVEMBER 3—

- 12:30 to 1:30 p. m.—Kiwanis Club luncheon program from the Italian Room of the Olympic Hotel.
 6:00 to 6:45 p. m.—Pacific States Electric Co., presenting the Hoffman Orchestra by remote control from the Olympic Hotel. Baseball scores.
 6:45 to 8:15 p. m.—Metropolitan Building program.
 8:15 p. m.—Weather report and special announcements.
 9:30 to 11:30 p. m.—Eddie Harkness and his orchestra playing from the Marine Room of the Olympic Hotel.

WEDNESDAY, NOVEMBER 4—

- 12:30 to 1:30 p. m.—The Rotary Club luncheon program from the Spanish Room of the Olympic Hotel.
 4:00 to 5:15 p. m.—The Times, Wm. F. Hoffman's Olympic Hotel Concert Orchestra.
 6:00 to 6:45 p. m.—Pacific States Electric Co., presenting the Hoffman Orchestra by remote control from the Olympic Hotel. Baseball scores.
 6:45 to 8:15 p. m.—Hopper Kelly Company Studio program.
 8:15 p. m.—Weather report and special announcements.
 8:30 to 10:00 p. m.—The Times, organ recital from the Elks' Club.

THURSDAY, NOVEMBER 5—

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

FRIDAY, NOVEMBER 6—

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

SATURDAY, NOVEMBER 7—

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

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DAILY EXCEPT SUNDAY—

1:00 p. m.—Pacific Standard Time Signals by Western Union
1:15 to 2:00 p. m.—Organ recital played on the Wurlitzer organ of the Columbia Theatre.
6:00 p. m.—Pacific Standard Time Signals by Western Union
6:00 to 6:30 p. m.—"Whats' Doing at the Theatres," baseball scores and weather report.

SUNDAY, NOVEMBER 1—

11:00 a. m. to 12:30 p. m.—Church services from First M. E. Church. Dr. J. Ralph Magee,
7:15 to 7:30 p. m.—Organ recital played by Mrs. Montgomery Lynch.
7:30 to 9:00 p. m.—Evening services of First M. E. Church. Dr. J. Ralph Magee, pastor.
9:00 to 10:30 p. m.—Puget Sound Savings & Loan Ass'n Orchestra.

MONDAY, NOVEMBER 2—

7:00 to 8:30 p. m.—Sears, Roebuck & Co. studio program.
8:30 to 10:00 p. m.—Post Intelligencer studio program.
10:00 p. m.—Pacific Standard Time Signals by Western Union wire
10:00 to 11:00 p. m.—Dance program by Gordon Kilbourne and his orchestra.

TUESDAY, NOVEMBER 3—

10:30 to 11:30 a. m.—Jessie Emerick and Minnie Osberg will feature Songs of Washington, written by Miss Emerick. Talk, "Rodent Control," by Mr. Leo Couch
2:15 to 2:30 p. m.—Produce report compiled by Chas. E. Hunt,
7:30 to 8:00 p. m.—Anne Heetderks, the Bon Marche story lady with children's stories.
8:30 to 10:00 p. m.—Puget Sound Savings & Loan Ass'n Concert Orchestra.
10:00 p. m.—Pacific Standard Time Signals by Western Union wire

WEDNESDAY, NOVEMBER 4—

2:15 to 2:30 p. m.—Produce report compiled by Chas. E. Hunt.

THURSDAY, NOVEMBER 5—

2:15 to 2:30 p. m.—Produce report compiled by Chas. E. Hunt,
7:30 to 8:00 p. m.—Anne Heetdirks, the Bon Marche story lady with children's stories.
8:30 to 10:00 p. m.—Puget Sound Savings & Loan Ass'n Concert Orchestra,
10:30 to 12:00 p. m.—Post Intelligencer presenting weekly meeting of the "Keep Joy Radiating Order of Bats."

FRIDAY, NOVEMBER 6—

10:30 to 11:30 a. m.—The musical program and talks will be arranged by the Seattle Campfire Girls and their leader.
2:15 to 2:30 p. m.—Produce report compiled by Chas. E. Hunt,
8:30 to 10:00 p. m.—Dance program by remote control from Down's Ballroom

SATURDAY, NOVEMBER 7—

2:15 to 2:30 p. m.—Produce report compiled by Chas. E. Hunt,
8:30 to 10:00 p. m.—L. C. Warner Co. studio program.

K G W—Morning Oregonian—491.5 Meters

PORTLAND, OREGON
500 WATTS—610 KILOCYCLES

SUNDAY, NOVEMBER 1—

10:55 a. m. to 12:00 M.—Services by wire telephony from Church of Our Father
7:25 to 9:00 p. m.—Services by wire telephony from First Presbyterian Church.

MONDAY, NOVEMBER 2—

7:15 a. m.—Y. M. C. A. physical culture exercises.
12:30 to 1:30 p. m.—Rose City Trio, courtesy Pacific States Electric Company.
8:00 to 9:00 p. m.—Concert.
9:00 to 10:00 p. m.—Hudson and Essex Orchestra and soloists, 1

TUESDAY, NOVEMBER 3—

12:30 to 1:30 p. m.—Rose City Trio, courtesy Pacific States Electric Company.
7:45 to 8:00 p. m.—Talk, Oregon Bankers' Association.
8:00 to 9:00 p. m.—Educational hour. Talk, "Sound Investments," courtesy George H. Burr, Conrad & Broom, and Style Talk by the Sage of Yamhill County,
9:00 to 10:00 p. m.—General Cord Orchestra, courtesy Woolach & Powell.
10:00 to 12:00 p. m.—Dance music by wire telephony from Indian Grill of Multnomah Hotel.

WEDNESDAY, NOVEMBER 4—

7:15 a. m.—Y. M. C. A. physical culture exercises.
12:30 to 1:30 p. m.—Rose City Trio, courtesy Pacific States Electric Company.
8:00 to 9:00 p. m.—Concert, courtesy Western Auto Supply Co.
10:00 to 11:00 p. m.—Concert from Sherman, Clay & Co. studio.

THURSDAY, NOVEMBER 5—

12:30 to 1:30 p. m.—Rose City Trio, courtesy Pacific States Electric Company.
7:45 to 8:00 p. m.—Lecture, Catholic Truth Society. Silent after 8 p. m.

FRIDAY, NOVEMBER 6—

12:30 to 1:30 p. m.—Rose City Trio, courtesy Pacific States Electric Company.
9:00 to 10:30 p. m.—Concert from Sherman, Clay & Co. studio.
10:30 to Midnight—Hoot Owls, featuring Rose City Trio and Pantages Acts.

SATURDAY, NOVEMBER 7—

12:30 to 1:30 p. m.—Football game by direct wire from Multnomah field—St. Mary's College of Oakland vs. Multnomah Amateur Athletic Club. Rose City Trio,
10:00 to 12:00 p. m.—Dance music by wire telephony from Indian Grill of Multnomah Hotel.

K F J R—Ashley C. Dixon & Son—263 Meters

PORTLAND, OREGON

MONDAY—

- 7:30 to 8:00—Boy Scout program.
 8:00 to 8:15—Better Business Bureau talk, courtesy of Ralph Schneeloch Company.
 8:15 to 8:30—Radio Talk, courtesy of Hallock & Watson Radio Corp.

TUESDAY—

- 7:30 to 8:00—Boy Scout program.
 9:00 to 10:30—First, Third and Fourth Tuesday—"Music of the Masters," courtesy of Ralph Schneeloch Company.
 9:00 to 10:30—Second Tuesday—Portland Kiwanis Club program, courtesy of Henry W. Hughes, vice-president and treasurer of Ralph Schneeloch Company.

WEDNESDAY—

- 7:30 to 8:00—Boy Scout program.
 8:00 to 8:30—Piano Recital, courtesy of Ralph Schneeloch Company.

THURSDAY—

- 7:30 to 8:15—Boy Scout program.
 8:15 to 8:30—Better Business Bureau talk, courtesy of Ralph Schneeloch Company.
 9:00 to 10:30—"Songs and Melodies of Yesterday," courtesy of Sherman Clay & Co.

SATURDAY—

- 1:30 to 3:00—Piano Recital, courtesy of Ralph Schneeloch Company.

C F A C—The Calgary Herald—435.8 Meters

2000 WATTS—CALGARY, CANADA—688 KILOCYCLES

PACIFIC STANDARD TIME

FRED CARLETON, Announcer

DAILY EXCEPT SUNDAY—

- 12:00 p. m.—United Grain Growers' program.
 12:15 p. m.—Cattle and grain markets and weather reports.

WEEK COMMENCING SUNDAY, NOVEMBER 1, 1925**SUNDAY, NOVEMBER 1—**

- 6:00 p. m.—First Baptist Church, Rev. Dr. H. H. Bingham.

MONDAY, NOVEMBER 2—

- 3:00 to 4:00 p. m.—Musical program.
 7:00 to 8:00 p. m.—Studio program by the Dean Brothers.

TUESDAY, NOVEMBER 3—

- 3:00 to 4:00 p. m.—Musical program.

WEDNESDAY, NOVEMBER 4—

- 3:00 to 4:00 p. m.—Red Cross address and musical program.
 7:00 to 8:00 p. m.—Studio program given by Mrs. Chas. Barker and party.

THURSDAY, NOVEMBER 5—

- 3:00 to 4:00 p. m.—Musical program.
 6:00 p. m.—Bedtime story by the "Radio Lady."
 8:00 to 10:00 p. m.—Canadian National Railways program, Haydn Male Quartette, assisted by the C. N. R.'s Orchestra.

FRIDAY, NOVEMBER 6—

- 3:00 to 4:00 p. m.—Musical program.
 6:00 to 7:00 p. m.—Dinner program under the direction of Gladys Foster.

SATURDAY, NOVEMBER 7—

- 11:00 a. m.—United Grain Growers' program.
 12:00 noon—Cattle and grain markets and Old Country football results.

We Fix 'Em Or No Charge**SUPER-HETERODYNE, NEUTRODYNE and MAGNAVOX*****Repairing and Rebuilding Exclusively***

We will guarantee you Iowa, Illinois and Canadian stations on your Super-Heterodyne. We guarantee Pacific Coast Stations and Denver, Colorado, on Neutrodyne and Magnavox through Local Broadcast. Our guarantee means that we will play them on your set for you or No Labor Charge. If you live out of town, ship set to us by express.

PALMER RADIO LABORATORY

Open Evenings Till 9 O'clock Excepting Saturday and Sunday
 4529 South Vermont Ave. VERMONT 7883 LOS ANGELES, CALIF.

K O A—Rocky Mountain Broadcasting Station

322.4 METERS—930 KILOCYCLES—2000 WATTS
 GENERAL ELECTRIC COMPANY, DENVER, COLORADO
 Pacific Standard Time

WEEK COMMENCING SUNDAY, NOVEMBER 1, 1925

SUNDAY, NOVEMBER 1—

- 10:00 a. m.—Service of Trinity Methodist Episcopal Church, Denver.
 3:00 p. m.—Sunday afternoon music hour: Trinity Methodist Episcopal Church orchestra and organ.
 6:45 p. m.—Service of Trinity Methodist Episcopal Church, Denver.

MONDAY, NOVEMBER 2—

- 10:45 a. m.—Weather; road reports; stocks; markets; livestock and produce.
 11:15 p. m.—Rialto Theater musicale.
 5:00 p. m.—Stocks; markets; livestock; produce; sports and news.
 5:30 p. m.—Dinner concert, Herbert White and his Silver State Orchestra, Brown Palace Hotel, Denver.
 6:30 p. m.—Sandman's hour.
 7:00 p. m.—Studio program, courtesy Mu Rho chapter (Denver College of Music) of Mu Phi Epsilon, national honorary musical sorority. Features include all four movements in Moszkowski's "Suite for Two Violins and Piano," and a variety of vocal and instrumental selections from works of Chopin, Cavalli, Grieg, Massenet, Saint-Saens and other masters. As a concluding number the KOA orchestra will play the first movement from Beethoven's famous "Fifth Symphony." Artists taking part will be Rosie Rosenblum, Faye Roswell, Iliif Garrison and LaVeta Bertschy-Krohn, piano; Frankie Nast and Julian C. Riley, violin, and Katherine Morrell, soprano.

TUESDAY, NOVEMBER 3—

- 10:45 a. m.—Weather; road reports; stocks; markets; livestock and produce.
 11:15 p. m.—Rialto Theater musicale.
 2:15 p. m.—Relaxing and corrective exercises.
 2:30 p. m.—Matinee for housewives.
 3:00 p. m.—Culinary hints.
 5:00 p. m.—Stocks; markets; livestock; produce; sports and news.
 5:30 p. m.—Dinner concert, Herbert White and his Silver State Orchestra.
 6:30 p. m.—News-Times concert. SILENT NIGHT.

WEDNESDAY, NOVEMBER 4—

- 10:45 a. m.—Weather; road reports; stocks; markets; livestock and produce.
 11:15 p. m.—Rialto Theater musicale.
 5:00 p. m.—Stocks; markets; livestock; produce; sports and news.
 5:30 p. m.—Dinner concert, Herbert White and his Silver State Orchestra, Brown Palace Hotel, Denver.
 6:30 p. m.—Book of Knowledge.
 7:00 p. m.—Studio program, courtesy E. J. Remley studios of Denver, E. J. Remley, director; Lucy Friend Remley, assistant. Presentations consist of orchestra selections; piano and violin solos; tenor, soprano and bass solos; ladies' choral selections; vocal duet, trio and quartet selections and male chorus numbers.

THURSDAY, NOVEMBER 5—

- 10:45 a. m.—Weather; road reports; stocks; markets; livestock and produce.
 11:15 p. m.—Rialto Theater musicale.
 2:15 p. m.—Relaxing and corrective exercises.
 2:30 p. m.—Matinee for housewives.
 3:00 p. m.—Culinary hints.
 5:00 p. m.—Stocks; markets; livestock; produce; sports and news.
 5:30 p. m.—Dinner concert, Herbert White and his Silver State Orchestra.
 6:30 p. m.—Farm question box. SILENT NIGHT.

FRIDAY, NOVEMBER 6—

- 10:45 a. m.—Weather; road reports; stocks; markets; livestock and produce.
 11:15 p. m.—Rialto Theater musicale.
 1:00 p. m.—Colorado Education Association program from municipal auditorium, Denver.
 2:15 p. m.—Relaxing and corrective exercises.
 2:30 p. m.—Matinee for housewives.
 3:00 p. m.—Culinary hints.
 5:00 p. m.—Stocks; markets; livestock; produce; sports and news.
 5:30 p. m.—Dinner concert, Herbert White and his Silver State Orchestra.
 6:30 p. m.—Preview of International Sunday school lesson.
 7:00 p. m.—Special musical competition between exponents of jazz and the classical, in

which opposing schools are to appear alternately before the microphones. Broadcast listeners from coast to coast are to judge this novel musical struggle, a two-hour feature, and votes are to be compiled by states and sexes. Returns will be announced as opening features of succeeding studio programs. Artists taking part are Dr. Lindsey B. Long-acre, professor in Iliif School of Theology and music critic, Rocky Mountain News, in a talk; Denver Concert quartet members; Barbara Loomis, piano; and the KOA orchestra, for the classical, and Dr. Edwin J. Stringham, dean, Denver College of Music and music critic, Denver Post, in a talk; Harmony Peerless orchestra; and Jim Sill, banjo; Louette Milton, soprano, and Bernie Clements, pianist and accompanist—Rivoli Theater artists—

SATURDAY, NOVEMBER 7—

- 10:45 a. m.—Weather; road reports; stocks; markets; livestock and produce.
 11:15 p. m.—Rialto Theater musicale.
 6:00 p. m.—Football finals.
 8:00 p. m.—Orchestra music program.

K F W A—Browning Bros. Co.—261 Meters

OGDEN, UTAH
500 WATTS—1150 KILOCYCLES
"Keeping Friends With All."

WEEK COMMENCING NOVEMBER 1, 1925

DAILY EXCEPT SUNDAY—

4:45 p. m.—Market reports.

MONDAY, NOVEMBER 2—

4:00 to 5:00 p. m.—Ogden radio dealers program.

8:00 to 9:00 p. m.—Musical program presented by the Fashion Shop.

TUESDAY, NOVEMBER 3—

4:00 to 5:00 p. m.—Ogden radio dealers program.

WEDNESDAY, NOVEMBER 4—

4:00 to 5:00 p. m.—Ogden radio dealers program.

8:00 to 9:00 p. m.—Musical program presented by the Globe Mills.

9:00 to 10:00 p. m.—Musical program presented by the Lion Coal Co. and Ellis Fuel Co.

10:00 to 11:00 p. m.—Dance music by Olie Reeves and his orchestra, playing at the Berthana ballroom.

THURSDAY, NOVEMBER 5—

4:00 to 5:00 p. m.—Ogden radio dealers program.

FRIDAY, NOVEMBER 6—

4:00 to 5:00 p. m.—Ogden radio dealers program.

8:00 to 9:00 p. m.—Studio program.

SATURDAY, NOVEMBER 7—

4:00 to 5:00 p. m.—Ogden radio dealers program.

8:00 to 11:00 p. m.—Dance music by Olie Reeves and his orchestra playing at the Berthana ballroom.

K O B—State College, New Mexico—348.6 Meters

1000 WATTS—860 KILOCYCLES

DAILY—

10:55 to 11:00 a. m.—Standard mountain time signals.

11:00 to 11:02 a. m.—United States Weather Bureau reports.

11:02 to 11:10 a. m.—New Mexico road reports.

11:10 to 11:30 a. m.—News briefs.

8:55 to 9:00 p. m.—Standard mountain time signals.

9:00 to 9:02 p. m.—United States Weather Bureau reports.

9:02 to 9:10 p. m.—New Mexico road reports.

SPECIAL PROGRAM**MONDAY, NOVEMBER 2—**

6:30 to 7:30 p. m.—Radio talks. Results of an Attempt to Grow Tobacco. Mr. Overpeck. Electric Power as an Aid to Farming. President Kent.

PANELS**NOTHING ELSE BUT**

Tubes
Sheets
Rods

CELORON

Factory
Prices

**ENGRAVING CUTTING
DRILLING**

SERVICE WHEN YOU WANT IT

RADIOLAB
1125 Wall Street
WE. 4277

Unique Prizes From KFWO For Radio Doings Readers

Major Mott, owner of KFWO at beautiful Catalina Island, sends us this wail from across the bounding Pacific: Did you ever hear of two people, almost single-handed, running a popular broadcasting station? Miss Hewitt and I, with her blessed mother as chief correspondence officer, are staggering along happily, 'neath a huge mail—every day—plus the getting up of musical programmes, plus all the etceteras. But the scores of most wonderful friends that we have made—under sunny skies, day, and 'neath the cheery star faces, by night, MORE than repay us for the hard work entailed. We wish to earnestly thank them all—via the far-flung pages of RADIO DOINGS."

The Major then proceeds to give us the following, revised, list of prizes, given at KFWO, through the generous courtesies of friends of the widely-known station, at Avalon.

Perhaps the most unique of all the prizes offered is that given by The Santa Catalina Island Company, through the kindness of President J. H. Patrick and vice president and resident general manager, D. M. Renton. Vast silver mines, running so rich in ore that it averages from \$150 to \$350 per tone, have been located by Gen. Mgr. D. Renton, and one of them, the famous Black Jack mine, on Black Jack mountain, is being heavily worked, with resultant yields of almost incredible riches in ore. KFWO wishes it known that, hereafter, to every person sending in a correct report of hearing the station at more than 100 miles dis-

tance there will be sent, postpaid, a little souvenir bag of silver ore from the Wrigley mines on the Island. The many other prizes are herewith listed:

The Catalina Hardware Co. offers a beautiful, highly polished abalone shell, every 15 days, for the farthest report of KFWO.

Mr. Joe Fishel, the "pro," and Gen. Mgr. of the splendid rebuilt Catalina Island Golf Club and Course, offers 6 of the best golf balls made, for the farthest report, East of Denver.

Mr. Harry Diffin, whose delectable candies are widely known, offers 2 lbs. of his melt-in-the-mouth "Kisses" for the farthest report, each 15 days.

Mr. Percy Mackey, owner of Catalina's two Chemist Shops, offers the first lady's prize (until Nov. 20th): a very neat Elmo Set, consisting of a bottle of delightful toilet water, a lip stick, and a powder box and puff. This for the lady sending in the most distant report of the Island Station.

Judge Ernest Windle, editor and owner of "The Catalina Islander," published each Wednesday, at Avalon, and containing all the Island news of the mines, the fishing, and so forth, offers a year's subscription to the paper for the best letter written in, each month, about KFWO. The winning letter will be published, as well as the more interesting of the others received.

Mr. Alexander, of the Avalon Radio Shop, offers a 2-tube Radiola, for the greatest distance report for the month of October.

In the issue of RADIO DOINGS for the first week in November, KFWO will have other interesting announcements to make. The station is reaching out with splendid volume, according to the mass of reports.

Yes G&S □ SILK CORE □ DETECTOR

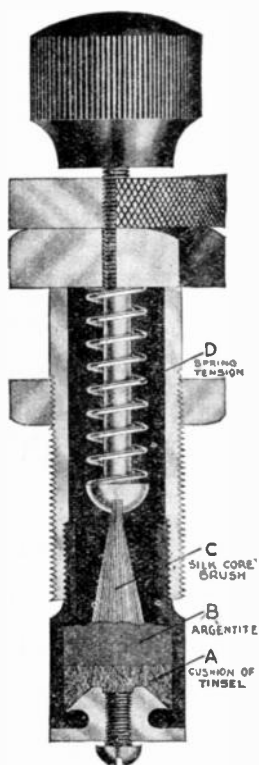
gives remarkable results with

Harkness Reflex Sets
Acme 4-tube sets-Premier sets
 and *all* other sets where
 crystal detector can
 possibly be used.

**Try it. Your money will
 be refunded if you are
 not thoroughly satisfied.**

The secret of the G & S Silk Core
 Crystal Detector lies in the fact that
 it has forty points of contact on the
 Argentite, is positively adjustable and
 is constructed so that burn-out of
 crystal is impossible.

*Try one - Remember it is
 unconditionally guaranteed.*



Manufactured by

G. & S. RADIO RESEARCH LABORATORY
 1269 Cochran Avenue, Los Angeles

Marketed Nationally through Jobbers by

BAKER-SMITH CO. Inc.
 NEW CALL BUILDING . SAN FRANCISCO

Branch Office Addresses

New York, 1270 Broadway Chicago, 30 N. Dearborn Street
 Los Angeles, 443 S. San Pedro Street
 Denver, McClintock Bldg. Salt Lake City, Atlas Bldg.
 Vancouver, B. C., 179 Pender Street, West
 Portland, Ore., Henry Bldg. Seattle, I. C. Smith Bldg.

\$1.50 at your dealers!

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

Trade Notes

Major Nathan Levinson, so well known to the trade as the representative of The Western Electric Co. in charge of all their radio activities on the Pacific Coast, has been appointed manager of the Radio Department for Hale Brothers, San Francisco, the owners of KPO. This firm has recently opened large stores at San Jose and Sacramento with a radio department in each. During the World War, Major Levinson was in command of laboratories for the Signal Corps.

The Manual Arts Radio Shop, which has recently been completely remodeled and enlarged, will hold its formal opening on Saturday night, Nov. 7th. The evening celebration will take place during the hours of six and midnight. To close the evening the Lucky key contest winners will be awarded their prizes, the first being a Radiola 25, and the second an Angelus receiver complete. The Manual Arts Radio Shop is owned by Sam Scott, president of the Pacific Retail Dealers Association.

Mr. C. W. Smith, the well-known Southern California wholesale distributor, is leaving for the East on Saturday in connection with some new exclusive lines he is planning to take over for this territory. Mr. Smith will spend some time both in Chicago and New York.

The "Service Policy Card" worked out by the executive committee of the Pacific Retail Radio Dealers Association can hardly fail to prove of interest and benefit to radio dealers everywhere.

More than 200 dealers contribute suggestions as to how best to render the set buyer the fullest measure of service and at the same time not lose all the profits of the transaction.

The new set owner is to be taught fully the rudiments of reception and by this co-operation loss of time and money is to be avoided. A letter to Secretary Glass, 318 Union Oil Bldg., Los Angeles, will bring a copy of the form.

Exceptionally fine returns from their full page announcement appearing in Radio Doings last issue is reported by the American Radio Co., 108 E. Eighth St., Los Angeles.

Very nearly 300 replies from five states is ample proof that the inducements offered were timely.

In the page advertisement of the American Radio Co., 108 E. 8th St., Los Angeles, appearing in Radio Doings, the word "one" was unintentionally omitted, and doubt on the part of readers resulted.

The offending line should have read, "Another improvement on our set since the Radio Show employs ONE "C" Battery only and improves the set 100%.

BURNT OUT TUBES WANTED

We are in the market for UV-201A and C-301A burnt out radio tubes — 12½¢ for Bakelite Bases — 7½¢ for Brass Base. Mail parcel post. Insuring unnecessary.

NATIONAL RADIO TUBE CO.

748 14th St.

San Francisco, Calif.

Out of the Air

Engineers of KFPG went over the ground for the Santa Maria Railroad to lay out the first part of the installation for their new 100 watt station to be installed at the new Railroad Terminal Building, Santa Maria. This station expects to be on the air in about six weeks. The studio and reception room are being decorated by the same firm that did such an artistic job for KFPG.

The schedule for KFWH, Chico, is as follows: Daily, except Sunday, 6:00 to 6:15 p. m. News Bulletins, 6:30 to 7:15 p. m. Dinner Concert. Monday, Wednesday and Friday, 8 to 10 p. m. Studio Program. This station also features midnight programs whenever possible. They broadcast on 254 meters, 100 watts.

The Esthonian radio committee has removed all wave length limitations in broadcasting, which, it is believed by American experts, will permit the admittance of all types of radio receivers. Formerly only certain wave lengths could be used in broadcasting, and consequently the scope of reception in receivers was restricted.

The Chief Radio Supervisor of the United States, W. D. Terroll, returned to Washington from the Paris Telegraph Conference early this week. Together

with Hon. Wallace White of Maine, U. S. Delegate and Lieut. Webster of the Coast Guard, he landed from the S. S. Leviathan Monday.

The two other delegates, Mr. Beaver White of Philadelphia and Maj. Gen. Saltzmar, signal corps, and the other aides are expected to reach Washington in time for the opening of the National Radio Conference here, November 9.

An indication of the growth in interest in matters radio is gained from the approximation that the combined circulation of all U. S. radio fan magazines today is 669,000, whereas a few years ago it was but a few thousand.

Owing to a recent ruling by the department of commerce, station KJBS will be on the air only Tuesday, Thursday and Friday mornings from 9:00 to 11:30 a. m. and afternoons from 2:00 until 2:30 except when no other station is on, on those afternoons. Tuesday and Thursday evenings a program will be broadcast from 8:00 until 10:00 p. m. and Friday nights from 8:00 until 11:30 p. m.

KFRU, the 500-watt station located at Bristow, Okla., has changed ownership. This broadcaster is now operated by Stephens College, Columbia, Okla. The wave length is 506.

MICRO - TUNER

IS GUARANTEED to Give YOU
SELECTIVITY AND IMPROVED RECEPTION

"Only One Station at a Time"

(LOCAL OR DISTANT)

Ask Your Dealer, Or

KIERULFF & RAVENSCROFT, DISTRIBUTORS

1630 S. Los Angeles Street

LOS ANGELES

MANUFACTURED BY

FORREST MFG. CO. : 5353 LEXINGTON AVE.

Phone HEMstead 4944

HOLLYWOOD, CAL.

ELIMINATORS APPEAL TO FANS

All indications, including reports of heavy advance orders placed with jobbers, point to a big demand this season for "B" current supply devices operating from the ordinary house-lighting current.

Several such devices were marketed last year but not all of them were able to meet the acid test of daily average home use. In fact, many "fans" learned through experience that it is one thing to make a half dozen successful laboratory models of such a device but quite another thing to turn them out of a factory by hundreds with the same success.

Included among the "B" current units which were successfully marketed last season and which seem to be in greater demand than ever is the Timmons B-Liminator for use on alternating current, 110 volts, 60 cycles.

The B-Liminator measures overall only 7x3x8½ inches and weighs only six

and one-half pounds. Externally, it consists of an attractive black metal case with cover and base. Two small adjustable knobs project slightly at the front for the regulation respectively of the detector and amplifying voltage and each instrument comes equipped with cord and plug for connecting to any standard electric socket.

The B-Liminator delivers a maximum of 25 milliamperes of plate current which is sufficient ordinarily to operate any five-tube set and the six-tube sets having dry-cell tubes. Larger sets that are wired to be economical of plate current may, also, be used with the B-Liminator provided, of course, they do not require more than 25 milliamperes. The maximum current consumption is about 17 watts or considerably less than one 25-watt electric bulb. In ordinary operation, the B-Liminator seldom consumes more than ten watts.

A MESSAGE FROM M. A. R. S.

We have finished our remodelling and offer for your inspection one of the most beautiful, complete Radio studios in Los Angeles—Featuring full line of—

RADIOLAS, FADA and ANGELUS SETS

Our formal opening Saturday evening, Nov. 7th, 6 p. m. till midnight. At which time we will hold—

M. A. R. S. RADIO KEY CONTEST

Giving away to the holder of the first lucky key a \$200.00 Radiola Model 25; and the holder of the second lucky key a four-tube Angelus set complete.

Be sure and get your key. Either call or send address and key will be mailed out—

Get Your Key Now!

MANUAL ARTS RADIO SHOP

(Sam Scott, Manager)

4154 S. Vermont

VERMONT 7836

LOS ANGELES

Matched



Sylfan Blue Special Radio Tubes

—are MATCHED Tubes!

packed in cartons of three and five absolutely perfectly matched tubes. Price \$2.75 each.

Each has been carefully hand-picked—individually tested for definite characteristics and carefully marked so there can be no mistake.

Sylfan MATCHED TUBES (501-A) are for storage battery use only and will give you the clarity, volume and reception you have always wanted. End your tube troubles by using Sylfan Blue Specials.

Write our nearest office if your dealer can't supply you

Manufactured and Marketed Nationally and Exclusively Thru Jobbers by

BAKER-SMITH COMPANY, Inc.

715 New Call Building, San Francisco, California

Branch Office Addresses

New York City, 1270 Broadway Chicago, 30 North Dearborn Street Denver, McClintock Building
 Salt Lake City, Atlas Building Portland, Ore., Henry Building Seattle, L. C. Smith Building
 Los Angeles, 443 South San Pedro Street Vancouver, B. C., 179 Pender Street, West

Sylfan Silver Tubes are the equal, in every respect, of Sylfan Blue Specials, except they are not matched in sets. They are made in both storage battery and dry battery types, with peanut or standard base.



Sylfan

BLUE SPECIAL RADIO TUBES

All Sylfan Radio Tubes are absolutely guaranteed. Any tube that lights will be replaced by nearest office. We believe them the best tubes made. We know they contain NO SECONDS—all are A-1 grade.

Weather Broadcasts

- KFI—Los Angeles, Calif
6:45 P. M. (Sunday)
- KHJ—Los Angeles, Calif. 9:00 P. M.
- KPO—San Francisco, Calif.
12:30 P. M.
- KGO—Oakland, Calif.....1:30 P. M.
- KGW—Portland, Ore.
10:30 A. M. to 7:30 P. M.
- KJR—Seattle, Wash...6:00-6:30 P. M.
- KFOA—Seattle, Wash.....8:15 P. M.
- KOA—Denver, Colo.....10:45 A. M.
- WFAA—Dallas, Tex.
8:00 A. M. and 7:30 P. M.
- KOB—State College, N. Mexico.
11:00 A. M.-9:00 P. M.
- KTHS—Hot Springs, Ark.
10:30 to 11:00 A. M.

If you are using a wet-type storage battery, keep a small bottle of ammonia near it. You will find it will check any acid which might be dropped from destroying rugs while reading the hydrometer.

James Side

2 → →

RADIO CRYSTAL

2 CRYSTALS IN 1
Buy it today—for these reasons:

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

PRICE 50c
Buy a James 2-side at your dealer's—today, or let us send you one
C.O.D.—60c

STAR-KING COMPANY
200 Davis Street San Francisco

Southern California Jobber
GLOBE ACCESSORIES COMPANY

307 West Jefferson St Los Angeles



Half the Fun of Radio

is in being able to get the station you want without trouble. The AUTOMATIC RADIO LOG CHART makes every radio night a pleasure. It carries space for logging of 180 Eastern, Western, Canadian and local stations from dial readings on your own set. Turn the revolving disc to get the "dope" on any station. Simple as A B C. A child can operate it. Use the coupon.

Agents Wanted

**Sent Postpaid to
Any Address
on Receipt
of \$1.00**

PACIFIC RADIO MFG. CO.

8-10 Centralia Bank Bldg.
Centralia, Washington

Pacific Radio Mfg. Co. RD
8-10 Centralia Bank Bldg.
Centralia, Wash.

Gentlemen:—Enclosed is \$1.00 Send Automatic Radio Log Chart to

Name

Street

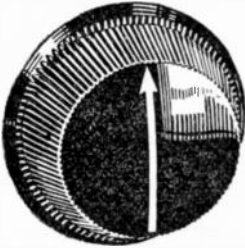
City..... State.....



Kurz-Kasch

Aristocrat

"Aligns rite—Holds tite"



The smooth, even edges, the clear markings of Kurz-Kasch dials and knobs will at once appeal to you.

We make our own moulds—and are thus able to guarantee our products.

Imperfections, no matter how slight, are discovered by rigid inspection. The rejections are destroyed, they never leave the factory under any condition. You can count on perfect workmanship when you buy Kurz-Kasch products.

Kurz-Kasch bear this  Products Trademark. Insist on the genuine.

Ask your dealer for Aristocrat E-Z-Toon, the key to simplified tuning. Aristocrat dials, knobs, potentiometers, rheostats, sockets. Write us for literature.

Pacific Coast Representatives
Atlantic & Pacific Agencies Corp.
 443 San Pedro Street
 Los Angeles
 383 Brannan Street
 San Francisco

The Kurz-Kasch Company
Largest Exclusive Moulders of Bakelite
Dayton, Ohio



"On 500 Watts, What?"

"Radio Doings",
 Los Angeles, Calif.

Mr. Hollie H. Thew of the Thew Radio Company in San Bernardino, under date of October 20th writes as follows:

"You will no doubt be interested in knowing that last night (October 19) at about 10:30 I picked up on the new Kennedy Model XX a 50 watt station KFVR on a rural route out of Denver, Colorado. While listening to them the announcer acknowledged receipt of a communication from KNRC in Los Angeles and thanked that station for its courtesy in acknowledging reception. Please check on this and let us know if the information is correct?"

This is a remarkable coincident. October 8th I was listening to KFVR at 11:37 p. m. and heard this station play "Sweet Georgia Brown" "Collegiate" and "Oh, How I Miss You Tonight" among other selections. I wrote them a letter and enclosed a dime for verification stamp, which no doubt I will receive in a day or two. It is apparent that the announcer at KFVR got a kick out of learning that his 50 watter was heard on the coast and so told his audience. Kind regards,

Sincerely yours,
 HASTINGS, Mgr. KNRC.

Football Broadcasts

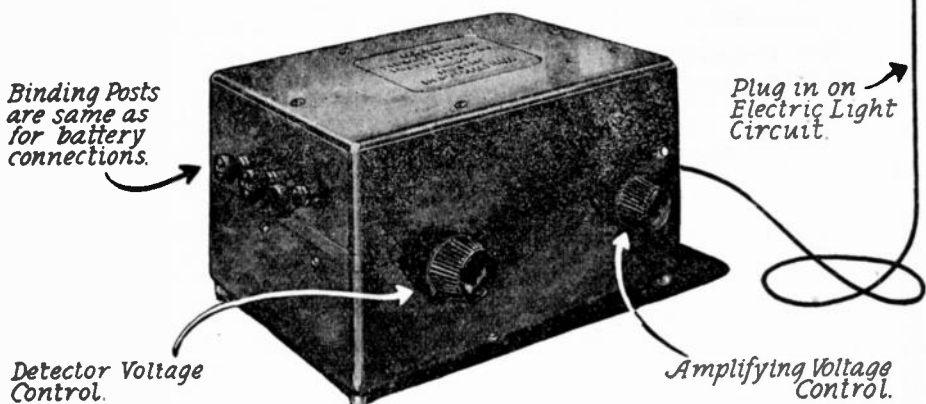
KNX—Los Angeles
 Saturday from 2 to 4 P. M.
 KPO—San Francisco
 Saturday at 6:15 P. M.
 KFRC—San Francisco
 Saturday, 2:30 and 6:30 P. M.
 KLX—Oakland
 Saturday at 3:15 P. M.
 KGW—Portland
 Saturday from 12:30 to 1:30 P. M.
 KOA—Denver .Saturday at 6 P. M.
 KTHS—Hot Springs, Ark.
 Friday and Saturday from 7 to 7:10 P. M.
 WMAQ—Chicago
 Saturday at 7 P. M.

ABSOLUTE PROOF

The way orders are pouring in is proof that even the hardest boiled Radio fans are convinced that the

PRECISION "B" POWER UNIT

is the last word in plate voltage



No More "B" Batteries

THE FIRST COST IS THE LAST COST
\$28.50 COMPLETE

Distributed by

COOK-NICHOLS
MYERS ELECTRIC

PACIFIC MOTOR SUPPLY
RADIO SUPPLY CO.

PRECISION ELECTRIC
MANUFACTURING CORPORATION

717 E. 9th ST.—TUcker 9803

LOS ANGELES, CAL.

Sonora

- Radios
- Phonographs
- Loudspeaker Table
- Loudspeaker

A new era of radio and phonograph perfection opens with the presentation of the new Sonora models. Instruments excelling in tone quality—with period cabinets of entirely new interpretation now ready. Prices, \$90 to \$325.

Music Master

- Radios
- Loudspeaker

A great range of style and price now presented—the new Music Master models a revelation of beauty in design and perfection of performance. Prices range from \$50 to \$460.

*Some territory is open for Dealers
—both for Sonora and Music Master*

Commercial Associates

531 Mateo Street - Los Angeles
Distributors for Southern California

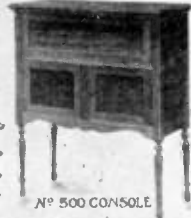
Telephone: BRoadway 3585



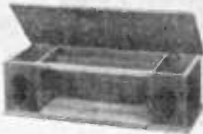
N° 300 SERIES



N° 600 SERIES



N° 500 CONSOLE



N° 200 SERIES



N° 800 SERIES



N° 900 TABLE



N° 1000 TABLE



N° 100 SERIES



N° 700 SERIES

A-1 WOODWORKING CO RADIO PRODUCTS

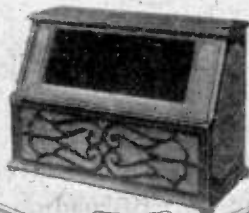
Our stock of styles and sizes is probably the most complete line carried by any manufacturer of Radio Furniture.

SEND FOR FREE ILLUSTRATED BULLETIN AND PRICE LIST.

A-1 WOODWORKING CO.
1338-1342 San Julian St.
LOS ANGELES, CAL.



A-1 REPRODUCER

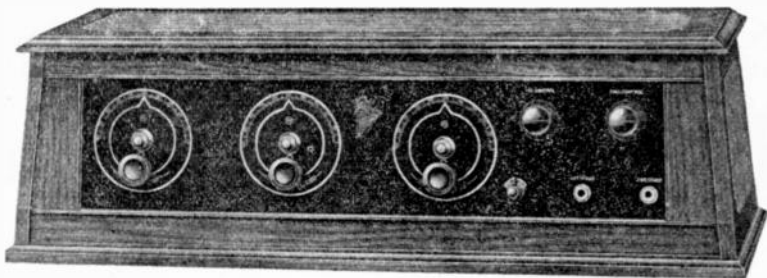


N° 400 SERIES



BUILT-IN TYPE SPEAKER

Radio evenings are complete If you have a Valleytone



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

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

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

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

Get the Valley Radio Book
Write us or ask your dealer for your copy of the *Valley Radio Book*. Contains interesting information on Valley Products and an up-to-date radio log. Free.

You can always count on a full evening's entertainment if you have a Valleytone Radio Receiving Set. Music with your dinner . . . bedtime stories for the children . . . a play, an opera, or a concert . . . jazz, mammy songs, spirituals . . . the whole range of radio broadcasting can be yours.

With the Valleytone, you can choose your programs by the clock and hear them all the evening through. For the Valleytone is selective. It will separate and bring in stations only four or five meters apart and will easily separate local and distant stations.

Valleytone selectivity gives a new meaning and puts a new pleasure in radio.

And with the balanced tone of the Valleytone when you hear a station you marvel that any reproducing mechanism can really achieve such faithfulness and such natural results.

The superiority of the Valleytone can be demonstrated. The Valleytone thrives on comparison. Wherever it is judged by results and performance, it wins a new owner.

Any authorized dealer will be glad to demonstrate the Valleytone for you.

VALLEY ELECTRIC COMPANY, *Radio Division*
ST. LOUIS, U.S.A.

Branches in Principal Cities

Valleytone Valley Valley
Receiving Sets Battery Chargers B-Eliminators

Exclusive Southern California Distributor

C. W. SMITH CO.

The Home of Utah Speakers

WHOLESALE ONLY

1125 Wall Street, Los Angeles

Phone WEStmore 3291



Webster's Only Mistake!

—was his definition of certain radio terms. They should read as follows:

Super-Heterodyne:

—is the Rolls Royce of radio just as Gilmore is to ordinary Gasoline. It is extremely sensitive to weak engines—meaning amplified "power" and "distance."

Rectification:

—the ever increasing "currents" of traffic in one direction, e. g. to the sign of the Lion's Head at all Gilmore Stations.

Watt:

—units of power known to Gilmore customers;—requiring a "cycle" of over 400 stations to supply their demands.

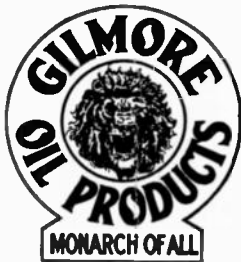
Kilocycle:

—frequency or number of new enthusiasts per day who have learned that Gilmore Gasoline is "consistently better."

GILMORE OIL CO.

2423 E. 28th St.

Los Angeles, Calif.



GILMORE

HIGHER GRAVITY

GASOLINE

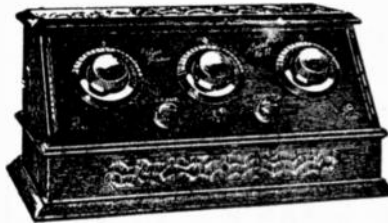
and Motor Oils

Hear The BLAIR RECEIVER

SIX TUBES
Resistance-Coupled Amplification

The Original and Genuine

\$80



Resistance-Coupled Receiver

Just hear it. You will then be convinced that never before have you heard real radio.

The Blair Receiver is sold only by Authorized Dealers whose guarantee is unquestionable. Ask your dealer or write us direct for free booklet, explaining why the Blair is superior to all other receivers, regardless of price.

Console Models with built-in Loud Speakers \$135 and \$160

Distributed by

Union Hardware & Metal Company

411 East First St.

Los Angeles, Cal.

"You Might as Well Have the Best"

Marathon Long Distance Tube

You can pick Marathons from a case at random and you will have a set of Matched Tubes.

Distributed in Los Angeles by

Union Hardware & Metal Co.
Reiman Wholesale Electric Co.
C. W. Smith Co.

California Wholesale Electric Co.
413 E. 11th St., Los Angeles

Northern Mfg. Co., Newark, N. J.
Makers



Both Types



Marwol Jewel—\$39.50

High Quality—Low Price

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

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

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

You can't go wrong with the MARWOL Line!

MARWOL

RADIO CORPORATION

546-548 Broadway, New York

Pacific Coast Representatives

MARSHANK SALES COMPANY

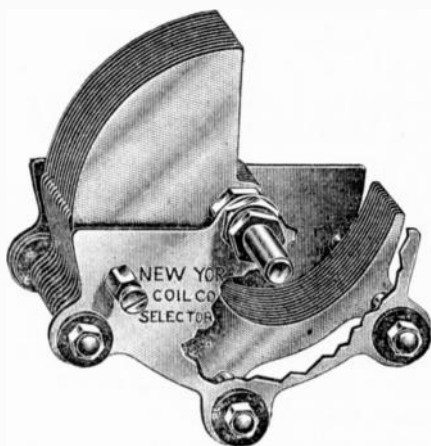
926 Insurance Exchange Bldg.

Los Angeles, Calif.

New York Straight Line Frequency Variable Condensers

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

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



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

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

Furnished in three capacities:

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

Ready for delivery
at your dealers
and jobbers.



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

Manufactured by

NEW YORK COIL CO.,

338 Pearl St., New York, N. Y.

Pacific Coast Representatives:

MARSHANK SALES CO.,

926 Insurance Exchange Bldg.

Los Angeles, Calif.

YOU'LL FIND IT HERE

in the largest "parts" stock on the Coast

—a few of our Representative lines:

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

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

PHENIX—Ultra Low Loss Condensers—Vernier Dials.

DUBILIER PRODUCTS—The full line—Large stock.

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

GENERAL INSTRUMENT—TRF Kits and all parts.

MARCO—Hairline Dials—Switches—Condensers.

DAVEN Resistance Coupled Amplifiers—Tubes and Leaks.

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

KODEL Sets—Microphone Speakers—Also **LEMCO** Reflex Kits.

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

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

HOOSICK FALLS Sockets, Rheostats, Dials, Etc.

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

PACENT Products—SLF Condensers—Pyrex Sockets, Etc.

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

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

FADA, SHAMROCK, BREMER-TULLY, QUADRAFORMER
KITS.

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

N. Y.—GEN'L INST.—U. S. L.—CAMFIELD—SLF CON-
DENSERS.

DEALERS:

Park Your Car Next Door at Our Expense

Radio Supply Co.

920 So. Broadway

VA. 6063

Los Angeles

OPEN EVENINGS TILL 9 O'CLOCK

Send for Our Latest Catalogue

Radio Service Directory

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

RADIO DOINGS.

ALHAMBRA, CALIF.

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

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

BAKERSFIELD, CALIF.

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

BELLINGHAM, WASH.

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

BURBANK, CALIF.

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

COMPTON, CALIF.

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

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

GLENDALE, CALIF.

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

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

HUNTINGTON PARK, CALIF.

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

INGLEWOOD, CALIF.

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

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

LONG BEACH, CALIF.

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

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

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

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

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

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

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

LOS ANGELES, CALIF.

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

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

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

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

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

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

LOS ANGELES, CALIF.—Cont.

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



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

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

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

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

TIVOLI RADIO SHOP, 4204 Cen-
tral Ave. Ph. HUmolt 2449. Open
Nights. Service, Sets, Rebuilding.

HOLLYWOOD DISTRICT

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

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

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

EL SERENO DISTRICT

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

WILSHIRE DISTRICT

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

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

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

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

OAKLAND, CALIF.

ROBERT LAND RADIO CO., 414
15th St. Phone, Lakeside 3784.
Open Evenings. Crosley Dealer.

OCEAN PARK, CALIF.

OCEAN PARK RADIO-ELECTRIC.
122 Marine St. Phone 61407. Ra-
dios and Supplies. Open Nights.

PASADENA, CALIF.

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

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

SAN PEDRO, CALIF.

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

SANTA MONICA, CALIF.

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

SAWTELLE, CALIF.

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

SOUTH PASADENA, CALIF.

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

TORRANCE, CALIF.

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

VENICE, CALIF.

VENICE RADIO SHOP, 1227 Wash-
ington Blvd. Phone 63544. Every
Radio Need. Evenings.

WHITTIER, CALIF.

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

WILMINGTON, CALIF.

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



For EVERY Radio Set

A stunning piece of furniture that restores order in the room where you have your Radio! No more cluttered table-tops, nor litter of equipment under-foot.

No unsightly horn in evidence, either! This console has its own loudspeaker, in-built. It's out of sight, but with very apparent tonal superiorities. For it has the highest-developed type of unit. With horn built of special non-vibrating, extra-hard, ceramic material. Produces clear non-vibrant tone. There's ample room for everything; space for *largest* A and B wet batteries—or battery eliminator—required for any home set; and for a big charging outfit, too.



**Non-Vibrant Ceramic
Horn**

The clearest tone producer on the market. Made of special composition which defeats vibration.

Rear View—Set Hooked Up



Price \$42.50

Finished in mahogany, or walnut color. Dainty design of parqueterie on two front panels. Top, 38 in. x 18 in. Substantially built; the product of a 40-year-old furniture maker.

The price, \$42.50, is for the *complete* console, and includes the loudspeaker horn and unit. Thousands of dealers are showing this artistic addition to home radio equipment.

Write, phone or come in for a demonstration. Phone VAndike 4755.

THE WINDSOR FURNITURE COMPANY

Inc., Chicago, 1885

917 Maple Avenue

LOS ANGELES - - - CALIF.

USE
French
RAY-O-VAC



**RADIO
BATTERIES**
FOR "A" "B" or "C"
CIRCUITS

**FOR LONGER, MORE DEPENDABLE
SERVICE**

*A Standard
Size for
Every
Use*



*Standard
Prices
on Every
Size*

Sold by Good Dealers Everywhere

FRENCH BATTERY CO.

**MADISON
WISCONSIN**

Premier 5 TUBE **Ensemble**

TRADE MARK

Now! More Than 500
Satisfied Owners Have Purchased
the
Premier "Ensemble"
in Southern California

—There is a Reason for
It's Popularity

—Go to your Premier Dealer and ask him to Demonstrate a Premier "Ensemble." You will then understand why it is the fastest selling, moderately priced Radio Receiver on the market.

—A quality product throughout, equal in every way to many sets selling at three times the price.

Price \$35.00

Exclusive Distributors

Yale Radio Electric Co.

Los Angeles—1111 Wall St.

San Diego—1328 First St.