"You're There With a Crosley!"

The National Radio Hit!

NEW CROSLEY BANDBOX

6-Tube Receiver de Luxe, $60.50

Its amazing performance is the result of its remarkable construction—the introduction of features found in the most expensive radios and possible at $60.50 only through mass production. Check the Bandbox with any radio at any price and you’ll agree as to the Bandbox’s superiority.

THE NEW CROSLEY MUSICONES

The World’s Fastest Selling Speakers

12-Inch Ultra $10.75  16-Inch Super $14.00

Incorporating marked improvements over previous models and fitting companions to the new Bandbox.

Ask Your Dealer for a Demonstration

Wholesale Distributors

KIERULFF & RAVENSCROFT

RADIO EQUIPMENT

Wholesale Distributors

1630-32 S. Los Angeles St.  121-131 Ninth Street
LOS ANGELES          SAN FRANCISCO
If You Doubt that “You’re There” with a

CROSLEY

RECEIVER

Just remove that doubt by asking one of these Authorized Dealers for a demonstration in your own home TONIGHT:

**LOS ANGELES**

**South**

Davis Radio Co.
2817 S. Main St.
WEastmore 6948

De Hoog Brothers
6120 S. Broadway
THornwall 0224

**Downtown**

Standard Radio Co.
417 West Pico St.
WEastmore 1560

Frank Radio Co.
715½ S. Main St.
TUcker 3347

**Hollywood**

Doran’s Electric Shop
7515 Sunset Blvd.
GRanite 6903

Also

8030 Santa Monica Blvd.
GLadstone 4954

H. D. Hatfield & Son
1762 N. Vermont Ave.
OLympia 5220

Southeast

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

Wesenberg Radio Music Co.
3819 S. Western Ave.
VErmont 7929

**Westlake**

Arcade Radio Studio
743½ S. Alvarado
DRexel 6859

**Wilshire**

Bimini Electric & Radio Co.
109 S. Vermont Ave.
DRexel 2990

**CULVER CITY**

**PALMS**

Palms Radio Elec., Inc.
10333 Venice Blvd.
Culver City 2962

**GLENDALE**

Budwig Radio Co.
201 N. Brand Blvd.
Glendale 1801

**LONG BEACH**

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

Reliable Radio Shop
208 E. Fourth St.
Long Beach 636-450

**MONTEREY PARK**

Monterey Park Music Co.
102 E. Garvey Ave.
Alhambra 1182-M

**NORTH HOLLYWOOD**

Langlands & Schade
No. Hollywood Music Co.
5317 Lankershim Blvd.
Lankershim 174

**PASADENA**

Radio Doc
1581 E. Walnut St.
Colorado 1671

**VENICE**

Venice Electric Co.
72 Market St.
Santa Monica 62261

CROSLEY RADIOS

“For Complete Satisfaction”
NOW! Build the
TYRMAN ONE SPOT TEN

Fully described in Radio Doings and other leading Radio Publications.

Selectivity
Distance
Tone Quality
Elegance

Tyrman Shielded
Socket—Assures
proper functioning
of tubes under
static and mag-
netic fields.

Tyrman Vernier Drum—
For all fine receivers. A
precision tuning device
assuring efficiency, accu-
curacy and simplicity.
Single or double control.

Tyrman Audio Transformers—The combi-
nation of three units
is recommended for
greatest volume and
most faithful repro-
duction.

Tyrman T R F
Transformers—Recommended for
more amplifica-
tion, better selec-
tivity, stable op-
eration.

Western Representative
HENGERSLTZER CO.
711 East 14th St., Los Angeles
377 Brannan St., San Francisco.

Literature sent upon request

TYRMAN ELECTRIC CORPORATION
147 West Austin Avenue, CHICAGO, ILL.
IN THIS ISSUE

Efficiency in Tuned R. F. .................................................. 15
Questions and Answers Department .................................. 17
Tuning the "Maggie" .......................................................... 20
Studio News ........................................................................ 22
“DX” Club Letters .............................................................. 24
Meter and Kilocycle List of Stations ............................ 30
Schedule of DX Stations ..................................................... 32
Daily Time Tables ............................................................... 33-39
Detailed Programs .............................................................. 42-73
Major Mott’s Tribute to Col Dillon ................................. 74
Timely Trade Topics ......................................................... 76

SPECIAL OFFER

Again this special offer is being brought to your attention. It is something of great value, particularly to those who, with little trouble, would like to be acquainted with some of the more interesting fundamentals of that fascinating subject—radio science. Keep this complete and highly instructive series of technical manuals being presented in RADIO DOINGS each week. The only way to keep them permanently and conveniently is in book form. For each subscription ordered on a coupon similar to the one below will be given an attractive leatherette binder in which this series can be safely kept. Send in your subscription now and receive this specially imprinted binder. You will always be happy to have such a technical manual of the latest 1927 radio circuits and data. This offer is good for only three more weeks!

THE PACIFIC COAST’S GREAT RADIO WEEKLY
and a Specially Imprinted Leatherette Binder
FOR ONLY $3.00

RADIO DOINGS, 407 East Pico St.,
Los Angeles, California.
Enclosed is $3.00. Please mail RADIO DOINGS each week for one year to my address, and also send me one of the attractive Manual Binders at once.

Name .................................................................
Address .........................................................
They all want THIS Radio!

Because the Falck is the one moderate-priced receiving set that operates perfectly from the house lighting circuit, without batteries or chargers of any kind.

Because of the Falck's simplified single dial control and fool-proof construction. Impossible to burn out tubes.

Because of the Falck's tone qualities — unsurpassed by the highest-priced sets.

Because of the Falck's expensive-looking console cabinet enclosing all parts, including built-in cone speaker.

See and hear it!

ADVANCE ELECTRIC COMPANY
1260 West Second St.
Los Angeles

$150
Complete
At any authorized dealer
Is beyond all doubt the leading All-Electric Set in its price class. To convince yourself of its superiority, call on or telephone one of these Franchised Dealers. Any one of them will gladly arrange a free demonstration in your own home:

**LOS ANGELES**

**Hollywood**  
H. D. Hatfield & Son  
1762 N. Vermont Ave.  
OLymnia 5220

**Lincoln Heights**  
Brown's Radio Shop  
2616½ N. Broadway  
CApitol 1349

**Northwest**  
Atwater Radio & Electric Co.  
3208 Glendale Blvd.  
OLymnia 6417

**South-Southwest**  
West States Electric Co.  
4751 S. Broadway  
AXridge 2786

**Southwest**  
Electric Radio Sales Co.  
2761 W. Pico  
BEacon 0826

Monarch Radio Co.  
2189 W. Washington  
EMpire 3268

A. W. Cooper  
1315½ W. 39th  
at Normandie  
VErmont 0767

**HUNTINGTON PARK**

Bevan Electric Co.  
216 S. Pacific Blvd.  
DElaware 1936

H. L. "Radio" King  
116 E. Irvington  
DElaware 4325

**LONG BEACH**

Rialto Radio  
430 American Ave.  
Long Beach 653-171

**SAWTELETTE**

Sawtelle Auto Electric  
1606 Sawtelle Blvd.  
Santa Monica 328-98

**LOS ANGELES**

**South Western Avenue District**  
Woods Hardware  
8215 S. Western  
THornwall 2895

**West Adams District**  
H. H. Walker  
1323 Venice Blvd.  
BEacon 1311

"Tone Range - Simplicity - Tone Quality"
SM

The 1928 S-M Laboratory Model Super-Heterodyne

Laboratory matched long-wave transformers accurately peaked, balanced and assembled in a shielded container. Solves the problem of highly efficient long-wave amplification.

Type 440 Long-Wave Amplifier Unit........ $35.00

The audio frequency transformers which are conceded by leading authorities to give the finest tone quality.

Type 220 Audio Frequency Transformers........ $8.00

The completed Receiver. Metal panel, pressed steel chassis. An 8-tube set which duplicates the original laboratory model. Silver-Marshall quality throughout and a real performer.

Kit, complete................ $93.45

COMPLETE LINE OF SILVER-MARSHALL PARTS IN STOCK

C. C. LAWTON CO.

1125 Wall St. WEstmore 3960 LOS ANGELES
The Choice of Experts Makes A Good Receiver Better

CeCo Tubes are specified and endorsed by nationally known Radio Authorities, such as
Arthur H. Lynch    Kenneth Harkness    Lawrence M. Cockaday    Herman Bernard
Glenn H. Browning    Volney Hurd    Gerald M. Best    Keith Henney

CeCo Tubes are specified in the National Radio press for all leading new Circuits.

Those who KNOW specify CeCo

Factory Representatives
B. KRUGER & CO.
500 N. Huntley Drive, West Hollywood

Sherman P. O.
BUILD IT YOURSELF!

Parts for the Finest Receivers Are Now Available in Kit Form

We Can Supply You With Kits or Parts for These Famous Sets

INFRADYNE - MAGNAFORMER 9-8
HFL NINE-IN-LINE
SILVER-MARSHALL LAB. SUPER
WORLD RECORD SUPER
HAMMARLUND HI-Q SIX
STROBODYNE - AERO SEVEN
SILVER-MARSHALL AC SHIELDED SIX
TYRMAN TEN - CAMFIELD NINE

These sets are all leaders and can out-perform most of the factory-built receivers on the market. Get the dope on them from your dealer or write to us for information.

Dealers—Park Next Door at Our Expense

RADIO SUPPLY CO.
WHOLESALE
912-914 S. Broadway VA. 6063 Los Angeles

New 1928 Catalogue Now Ready—Send for It

LARGEST RADIO PARTS JOBBER WEST OF CHICAGO
### The RADIO SUPPLY CO.

"The Parts Warehouse of the West"

Is ready to fill your requirements for parts. Our stock is complete and adequate at all times.

Watch This List of Parts for Changes

<table>
<thead>
<tr>
<th>Alco Loops</th>
<th>Dunham Loops</th>
<th>Polymet Mfg. Co. Condensers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acme Apparatus</td>
<td>Eby Binding Posts</td>
<td>Preston DX Ground</td>
</tr>
<tr>
<td>Acme Wire</td>
<td>Ekko Ground Clamps</td>
<td>QRS Tubes</td>
</tr>
<tr>
<td>Advance Crystals</td>
<td>Electrad Products</td>
<td>Racon Horns</td>
</tr>
<tr>
<td>Aero Products</td>
<td>Elkon Chargers</td>
<td>Radiall Co. Amperites</td>
</tr>
<tr>
<td>Aerovox Wireless Products</td>
<td>Essenbee Ball Aerial</td>
<td>Rauland Lyric Transformers</td>
</tr>
<tr>
<td>Alden Mfg. Co. Parts</td>
<td>Formica Insulation Co.</td>
<td>Raytheon Tubes</td>
</tr>
<tr>
<td>All-American Products</td>
<td>Franco B Batteries</td>
<td>REL Apparatus</td>
</tr>
<tr>
<td>Amertran Products</td>
<td>Frost Products</td>
<td>Remler Products</td>
</tr>
<tr>
<td>Amperites</td>
<td>General Radio Parts</td>
<td>Samson Transformers</td>
</tr>
<tr>
<td>Amaco Condensers</td>
<td>Genwyn Coils</td>
<td>Sangamo Condensers</td>
</tr>
<tr>
<td>Artco Coils</td>
<td>Goodrich Rubber Panels</td>
<td>Scranton Transformers</td>
</tr>
<tr>
<td>Baldwin Units</td>
<td>Gosilco Wire</td>
<td>Selectone Transformers</td>
</tr>
<tr>
<td>Balkite Chargers, Etc.</td>
<td>HFL Transformers</td>
<td>Sensory Insulators</td>
</tr>
<tr>
<td>Balsa Wood Speakers</td>
<td>Hammarlund Products</td>
<td>Silver Marshall Products</td>
</tr>
<tr>
<td>Benjamin Elec. Mfg. Products</td>
<td>Handy Chargers</td>
<td>Sovereign AC Tubes</td>
</tr>
<tr>
<td>Bodine Loops &amp; Coils</td>
<td>Harkness Kits</td>
<td>Spaulding Bakelite</td>
</tr>
<tr>
<td>Brandes Phones</td>
<td>Hedgehog Transformers</td>
<td>Steinite Eliminators</td>
</tr>
<tr>
<td>Bremer-Tully Products</td>
<td>H-K Sodderdipt Lugs</td>
<td>Steindelexiators</td>
</tr>
<tr>
<td>Bretwood Leaks</td>
<td>Hoosick Parts</td>
<td>Sterling Meters and Testers</td>
</tr>
<tr>
<td>Bruno Coils</td>
<td>Infradyne Parts</td>
<td>Stevens Tools</td>
</tr>
<tr>
<td>Camfield Coils</td>
<td>Jefferson Products</td>
<td>Thordarson Transformers</td>
</tr>
<tr>
<td>Carbonundum Products</td>
<td>Jones Cables</td>
<td>Tobe Condensers</td>
</tr>
<tr>
<td>Cardwell Condensers</td>
<td>Kanas Products</td>
<td>Tom Mack Products</td>
</tr>
<tr>
<td>Carter Products</td>
<td>Kelbrackets</td>
<td>Tower Speakers</td>
</tr>
<tr>
<td>CeCo Tubes</td>
<td>Kellogg Parts</td>
<td>Trimm Cone Speakers</td>
</tr>
<tr>
<td>Celeron Panels</td>
<td>Kodel Products</td>
<td>Tyrman Parts</td>
</tr>
<tr>
<td>C R L Var High Resistance</td>
<td>Kurz-Kasch Dials and Knobs</td>
<td>Universal Battery Clips</td>
</tr>
<tr>
<td>Chicago Kester Solder</td>
<td>Kuprox Chargers</td>
<td>Utah Units</td>
</tr>
<tr>
<td>Clarostat</td>
<td>Lynch Leaks</td>
<td>Vesta Power Units</td>
</tr>
<tr>
<td>Corning Pyrex</td>
<td>Madison Moore Units</td>
<td>Victoreen Parts</td>
</tr>
<tr>
<td>Crescent Transformers</td>
<td>Magnaformer Units</td>
<td>Ward Leonard Products</td>
</tr>
<tr>
<td>Daven Radio Parts</td>
<td>Marco Products</td>
<td>Weston Products</td>
</tr>
<tr>
<td>DeJur Rheostats</td>
<td>Mignon S. L. F. Condensers</td>
<td>Webco Power Units</td>
</tr>
<tr>
<td>DeLuxe Products</td>
<td>Mueller Universal Clips</td>
<td>Willard Batteries</td>
</tr>
<tr>
<td>Dictogrand Speakers</td>
<td>Mountford Resistances</td>
<td>X. L. Variodensers</td>
</tr>
<tr>
<td>Dubilier Condenser Corp.</td>
<td>Naald Parts</td>
<td>Yaxley Products</td>
</tr>
<tr>
<td>Dudlo Mfg. Co. Wire</td>
<td>National Soldering Irons</td>
<td></td>
</tr>
<tr>
<td></td>
<td>National Co. Parts</td>
<td></td>
</tr>
</tbody>
</table>

DEALERS: Park Next Door at Our Expense

**RADIO SUPPLY CO.**

**WHOLESALE**

912-914 S. Broadway VA. 6063 Los Angeles

New 1928 Catalogue Now Ready—Send for It

**LARGEST RADIO PARTS JOBBER WEST OF CHICAGO**
Have you heard an up-to-date radio set?

It's a wonderful improvement over the old time reception—in tone, volume, range, and quality.

Install a full set of the new Gold Seal super tubes and enjoy this improvement yourself. You can easily make the few changes needed. Our new booklet tells you how—copy free on request.

Distributors
UNION HARDWARE & METAL COMPANY
411 East First Street
Los Angeles, Cal.
KAY MOTOR SUPPLY CO.
341 West 18th Street, Los Angeles
WESTERN LIGHT & FIXTURE CO.
301 South Los Angeles Street, Los Angeles

GOLD SEAL
ELECTRICAL CO.
Incorporated
250 Park Ave. New York

Type GSX 201a
The popular general purpose type, for amplifier and detector. Long life and high efficiency.
List Price $1.75

Type GSX 213
Rectifier tube, designed to accomplish full wave rectification of alternating current (a. c.) to direct (d. c.).
List Price $5.00

All Standard Types
Pacific Coast radio listeners are enthusiastic over the remarkable distance-getting record of the NEW Karas 2-Dial Equamatic. With this marvelously sensitive and tremendously powerful receiver Coast stations come in with great volume—Eastern stations are heard with clarity and purity of tone rare in any 5-tube set.

Completely Balanced and Neutralized

The Karas 2-Dial Equamatic is the perfected product of the Karas engineering department, who have brought to a high degree of development the Equamatic principle, which gives great selectivity, wonderful tone, tremendous volume and simplicity of tuning. There are but two dials to use in tuning. These are fitted with Karas Micrometric Vernier Dials, insuring split-second control of tuning.

Uses the NEW Karas Parts

The Karas 2-Dial Equamatic uses the NEW Karas Type 28 Impregnated Audio Transformers, NEW Karas S. F. L. Removable Shaft Variable Condensers, the NEW Karas Output Filter, also Karas Equamatic Inductance Coils, Karas Dials, and Karas Sub-Panel Bracket and 2-Dial Control System. These parts are revolutionary in their design, give finer results than any others you could possibly use, and insure a receiver of superb quality. You can secure these Karas Parts and other standard parts needed to build this receiver—also write for complete wiring diagram and full information about the NEW KNICKERBOCKER 4. Be sure to mail the coupon today.

KARAS ELECTRIC CO.
4035-1 North Rockwell Street, Chicago

KARAS ELECTRIC CO.,
4035-1 North Rockwell Street, Chicago.

Send me complete information about the NEW Karas Equamatic 5-Tube Receiver—and wiring diagram and data on the Karas Knickerbocker 4.

Name: ________________________________
Address: ________________________________
City: __________________ State: __________
A New Era in Tone Reproduction

The TEMPLE SPEAKER ushers in a new era in tone reproduction that is today the sensation of the radio world. Its long air column principle has been developed by one of the foremost radio engineers—a man with a national reputation.

Radio fans and dealers by the thousands are switching to TEMPLE SPEAKERS. Without an equal for richness and purity of tone. Ask your nearest dealer for a convincing demonstration on a TEMPLE COMPARATOR. You will agree that TEMPLE has brought you something finer in speakers.

Temple Models Priced at
$32.00—$55.00—$75.00

Temple, Inc., 213 S. Pearls St., Chicago

Distributors
HERBERT H. HORN
1029 S. Hill St., Los Angeles
KIERULFF & RAVENSCROFT
1630-32 S. Los Angeles St., Los Angeles

Modernize your Receiver with Daven AC Tubes—the proper tube for every socket. Four prongs—fit any standard socket. Standardize on Daven AC Tubes—no hum, non-microphonic. Insist on the round tubes with the Platinum Filament.

DAVEN AC-1 RADIO and AUDIO AMPLIFIER
Made for use in all radio frequency sockets and for the first audio stage where transformers are used.
1¼ volt—1.0 Ampere Platinum Filament.

DAVEN AC-15 HIGH MU AUDIO AMPLIFIER
The AC-15 should be used in the first two audio stages when resistance or impedance audio is used. Amplification factor 15.
1¼ volt—1.0 Ampere Platinum Filament.

DAVEN AC-D1 SPECIAL DETECTOR
For use in all circuits. Due to special construction filament currents are distributed in such a way as to reduce AC hum to a minimum.
1 volt—1 ampere Platinum Filament.

DAVEN AC-10 POWER TUBE
Should only be used in last audio socket. It delivers 2.5 watts of undistorted power output.
7½ volt—1.25 Ampere Platinum Filament.

DAVEN AC-R1 RECTIFIER TUBE
A single wave rectifier which delivers 65 milliamperes at 400 volts. Silent, perfect power from your "B" Eliminator. Exceptionally long life.
7½ volt—1.25 Ampere Platinum Filament.

FREE CATALOG containing full description of these and other new Daven Products on request.

DAVEN RADIO CORPORATION
191 Summit Street Newark, N. J.
Efficiency in Tuned R. F.

By K. G. ORMISTON

While poking around among the assortment of radio sets which manufacturers ship to technical editors, we unearthed several of the five-tube tuned RF variety and put 'em through their paces. All of which turned out to be anything but a waste of time, for we discovered an "outstanding" job—one which is not "just another radio set."

Ever since the development of the tuned RF set, two serious drawbacks have long been recognized. The first is the fact that coupling between stages—(electrostatic and electromagnetic)—results in feed-back, or regeneration, to the extent of making oscillation of the tubes difficult to control, and secondly, having successfully established stability and prevented oscillation on the shorter wave-lengths, efficiency was greatly sacrificed on the higher wave-lengths.

Means of "neutralizing," or otherwise balancing the RF circuits to offset the undesirable excessive feed-back were developed and embodied in many sets, thereby overcoming the first difficulty. But the second disadvantage remained. The RF circuits have a far greater tendency to go into oscillation at the low wave-lengths (corresponding to the high frequencies) than they have at the low frequencies. Hence, if a set is properly balanced so that we are just under the point of oscillation and hence, at the point of maximum efficiency for the short waves, it naturally follows that as the higher wave-lengths are tuned in we get further and further from the oscillation point until at the upper end of the dial the efficiency is quite low.

The characteristic of the usual tuned RF set is, therefore, a condition of maximum selectivity and sensitivity over the lower portion of the scale, but with both of these vital properties decreasing as we progress up the dial.

This very important defect was first solved by Karas of Chicago in the development of their Equamatic receiver. The usual RF transformer has a primary winding, which bears a fixed relationship to the secondary. Karas very ingeniously made the primary movable and mounted it on an extension of the tuning condenser shaft, with the result that the degree of coupling, and hence, the energy transfer increased as the wave-length increased.

By proper design a condition is established whereby the RF amplifier is just below the oscillation point over the full tuning range. The secondary coils are adjustable with respect to the primaries, both as to distance between them and angular relationship at any setting. These adjustments permit of attaining the utmost in efficiency in RF amplification uniformly over the tuning range. It is a pleasant surprise in operating a tuned RF set to find the same snap and life up on the KLX wave-length as we have down on KSL.

The new Karas Equamatic is a two-dial set, 5 tubes, and employing the new Type 28 audio transformers and output filter has tremendous volume and quality equivalent to that obtained from sets using more than 5 tubes.

Next week we will give the circuit diagram which incorporates several novel features, constructional data, and a report on actual performance under varying conditions.

Official Magnaformer Service Station for Huntington Park

For Real DISTANCE Use the Magnaformer

9-8. Wonderful tone and volume. Sets built to order by S. E. Cummins, 708 Mortimer Avenue, Huntington Park. Call for demonstration. VA. 4257
The Howard

Electrically Operated Radio Receiver and Musical Instrument

A SINGLE SWITCH A SINGLE CONTROL

Not merely a lamp socket set, but one that embodies the latest development in radio—the alternating current tube.

These new Howard Electric Radio Receivers have a tube arrangement which is a distinct departure from the common practice. A design, which makes possible the use of that fine Power Tube, the 210—a tube that will easily give undistorted output to the loud speaker of more than two times that of the 171 Power Tube.

The owner of a Howard Radio Receiver possesses not only an instrument of the finest mechanical construction and workmanship, but one which is rich, mellow and amazingly wonderful in tone reproduction. It becomes at once the proud possession of all music lovers, and the eye as well as the ear is charmed by its marvelous performance and beauty.

Model 135 AC
$290.00

With Built-in Power Amplifier

Manufactured By HOWARD RADIO COMPANY Chicago, Ill.

Distributors

HOWARD RADIO DISTRIBUTING CO., Inc.
6229 Banner Place GLadstone 0807 Los Angeles, Cal.
QUESTION—I wish to install a receiver in a mining camp, but am a little puzzled as to the program I should follow to get best results. The mine is located 3 miles from Ivanpoh, near Victorville. The soil is very sandy and there is no water near the mine. The only water available is in the shaft, which is about 250 feet down. I am under the impression that 250 feet is too great a distance to run a ground wire. The shaft cannot be filled up and the wire would not make contact until it reached water level. What would you suggest in this case? There are no stations located within 200 miles of the mine.

H. J. MATHEWS.

ANSWER—You're sitting pretty. Just run a nice fat copper wire down those 250 feet, solder it to a copper plate and drop it into the water. Then up at the business end I would suggest connecting this wire to the antenna post of your set. I have an idea the results will give you a shock. You remember reading last week about the chap we met in San Diego, who listens to the wide, wide world? It's a secret, but just between you and I, his ground wire goes down 100 feet. And with his ground on the antenna post Japan and Australia are easy.

QUESTION—I have a home-made three-dial 5-tube radio frequency set. I have some trouble getting stations in the daytime around noon. This is one thing that baffles me, and I believe there is something wrong and, another thing is, that when I tune in a station and then take my hands away the volume changes nearly 100 per cent.

P. W. POLENZ,
Fallbrook, Calif.

ANSWER—You are apparently a newcomer in radio, and have not yet discovered the fact that the ether waves kicked up by broadcasting stations have a hard time getting very far in the daytime. This is due to the ionization of the atmosphere by the rays of the sun, or maybe the strained condition of the ether, due to the fact that it is already being mussed up by the light energy. Anyway, don't worry about it, because at high noon you may expect to get poorer signals than at any other time. They should improve rapidly at sunset.

Your second trouble is caused by the capacity effect of your body changing the tuning of your circuits when your hand approaches the dials. This can be eliminated by changing the wiring to the condensers, so that the rotors are grounded. If you will send in a sketch of your circuit, I will gladly mark the changes to be made and return it to you.

CROSLEY SPECIALISTS

REPARIING — BALANCING — SERVICE
CHILDS’ LAB., 2310 S. UNION AV., L. A.
Magnaformer 9-8
Commander-in-chief of the Air

Magnaformer 9-8 Sets Built and Guaranteed by the Following

**Authorized Magnaformer Service Stations**

**EL CAMINO ELEC. CORP.**
6111 Hollywood Blvd.
Hollywood, Calif.

**HOLLYWOOD ELEC. SHOP**
6656 Hollywood Blvd.
Hollywood, Calif.

**H. A. EVEREST**
1032 N. Ogden Drive
Hollywood, Calif.

**ACME RADIO STORES**
709 S. Main St.
Los Angeles, Calif.

**TOM LAMBERT**
407 E. Pico St.
Los Angeles, Calif.

**HOLTECH RADIO CO.**
4709 Santa Monica Blvd.
Hollywood, Calif.

**SAM. E. CUMMINS**
708 Mortimer Ave.
Huntington Park, Calif.

**E. K. HAYES**
2408 W. Vernon Ave.
Los Angeles, Calif.

**WILMINGTON RADIO LABORATORY**
817 Lakme Ave.
Wilmington, Calif.

**COLUMBIA STORE**
741 Broadway
San Diego, Calif.

**HOLCOMB RADIO CO.**
730 F St.
San Diego, Calif.

Any of the above Service Stations will demonstrate the unequaled performance of the Magnaformer 9-8.

**Wholesale Distributors**

**YALE RADIO ELECTRIC CO.**
1111 Wall St.
Los Angeles

**SUNSET ELECTRIC CO.**
1141 First St.
San Diego

**RADIO SUPPLY**
912-14 S. Broadway
Los Angeles

**COAST RADIO SUPPLY CO.**
648 Howard St.
San Francisco

**SCOTT SALES CO.**
Factory Agents

443 S. San Pedro St.  VA 3297  Los Angeles

Manufactured by Radiant Laboratories, 19 S. LaSalle St., Chicago
To insure permanent satisfaction in the operation of your receiver you will use as much care in the selection of such parts as rheostats, high resistance units, jacks, fixed resistances, potentiometers, etc., as in the choice of tubes. Possibly more. For you know that a tube, if unsatisfactory, may be replaced with a reliable one, but an unsatisfactory rheostat or other part will prove a lasting source of annoyance.

Your surest protection, and greatest source of permanent satisfaction in this parts selection matter is to demand Frost Radio Parts by name. These famous parts are designed by radio engineers of long experience. They have built into Frost Parts all of their skill and knowledge of materials. They have conducted thousands of tests to determine the fitness of each item of material. Consequently each Frost Part will stand up during the entire life of the set, giving perfect satisfaction and lasting service.

Your dealer carries Frost Parts. See him today for those parts you will need to build any popular receiver.
Tuning the "Maggie"

By K. G. O.

In response to the many requests from our readers who have built the Magnaformer 9-8, or had the set built for them, we are giving a reproduction of the dial strip of the loop-tuning condenser with fifty or more stations logged thereon. The list includes New York, Pittsburgh, 5 in Chicago, Japan, Australia, etc. All were brought in with volume to spare on our laboratory set.

As explained last week, these actual settings will vary with the position of the regenerative control (midget condenser), and also with the relative position between the leads to the loop, hence, may only be relative on other sets rather than exact. They will, however, afford a good indication of the location of the various stations on the dial with respect to stations already logged.

The directional properties of the loop permits of separating stations which are on the same wave-length. For example, WGN, Chicago, and KOMO, Seattle, can each be received without interference by turning the loop in the proper direction.

A great many of the stations logged are on channels separated by the minimum allowance of 10 kilocycles, such as KGO, WBBM, and KWKB. Also KFRC, KFOA and KFSD.

When the loop is tuned to the incoming frequency, the oscillator is then adjusted to one of the two points where the locally generated oscillations differ from the incoming oscillations by 72 kilocycles. It is always advisable to try both oscillator settings, as one is usually better than the other. One oscillator setting is within 5 or 10 degrees of the loop condenser setting, and the other is considerably lower on the dial.

When the two dials are in the proper relation to each other, there is a "live" sound in the loud-speaker, which is otherwise absent. By following up the scale, keeping step with the dials so that the "live" sound is always there, you will strike a carrier (sometimes a flock of 'em), in practically every channel (every 10 kilocycles), and then by turning the loop and tuning carefully the signal is brought out.
Magnaformer 9-8
Commander-in-chief of the Air

Magnaformer

Unlimited Range
Tremendous Volume
Unsurpassed Quality
Assembled, Tested, Guaranteed
$150.00

RADIO RECEIVER
SERVICE
407 East Pico St., Los Angeles
WESTmore 3989

Official
MAGNAFORMER
LABORATORY

Local Radio Authorities can verify the fact that the
Laboratory of Radio Standards
builds the finest "Supers" offered to the public.
Tested Magnaformer Kits in Stock

E. K. HAYES
2408 W. Vernon VE. 6543
Los Angeles, Calif.

Selectivity and Stability
The "bypass" condenser plays an important role in every tuned radio frequency amplifier—because it governs the selectivity and stability.—An individual "bypass" condenser should be employed for each radio frequency amplifying tube.

AEROVOX "bypass" condensers, sealed in Bakelite, are particularly effective in radio frequency amplifiers because of their construction.
They are non-inductive—impervious to moisture and are available in all capacities up to 1 mfd. and rated at 200 volts D.C.

AERVOX
"Built Better"
70 Washington St., Brooklyn, N. Y.
“MY FAVORITE STATION, AND WHY”—PRIZE LETTER

I, being an Angeleno, one would readily consider its cause enough for my selection of my favorite radio broadcasting station. However, sentiment for “Los Angeles' Own” would hardly prompt me to be other than frank in my opinion.

In summing up the qualifications of stations I have logged on the Pacific coast and in the middle-west, my decision was given to the station I considered top-notch in their choice of entertainment, instructful lectures, and last but not least, the reception of the announcer's clearity of tone in which he announced.

The station to which I refer and which I shall term “my favorite,” is none other than KFI.

Last fall, while visiting in the east, my cousin, at whose home we were guests, picked up KFI with apparently remarkable ease. It was convincing without verification, that they had had it times before, as they knew on just what wave to pick it up.

They remarked that the only difference in KFI and other Pacific coast stations, was that they could understand what the announcer was saying from KFI, but the other stations were blurred, being able to grasp a word only occasionally.

It was, to my surprise, that after hearing several other stations from this coast, that what they said was very true.

As for difference in opinion, in our family, there is none. Due to the fact that KFI broadcasts programs that are interesting to all, regardless of age or sobriety.

Many will agree with me, I'm sure, when I say “Tune in on KFI for the most entertainment.”

PEARL JOHNSON,
674 W. 36th Place,
Los Angeles, Calif.

Last week we stated that Evelyn Kemp was now accompanying Calmon Luboviski, over KNX, but this arrangement was only a temporary substitution one Sunday evening and is not to be a future combination.

It is interesting to know how much consternation the announcement caused. The station and artists were literally besieged with calls and letters of inquiry, but to the dear and cautious public KNX wishes to announce that Claire Mellonino will appear in future concerts as before with our well-known Mr. Luboviski.

On my rounds from studio to studio I can't help but notice the enthusiasm the personnel has for its particular station. Some note should be made of Gerald King, who has managed KFWB since the first of the year. He has raised the standard of the programs and imparted a novelty into them resulting in Warner Bros.' station pushing forward rapidly in western popularity.

DETECTIVE STORIES  “In the Shadows.” Send $2 to 272 Cham. Com. Bld
By Nick Harris.  $1 Police Whistle Free.
We Are Sole Distributors for
FLECHTHEIM
Quality Condensers
Complete stock in 500, 750, 1000 and 2000 flash test. Also buffer condensers tested at 1500 volts and 14 mfd. blocks.
We specialize on complete parts for the popular-priced
three-tube
A-C REFLEX SETS
A Complete Line of Parts and Accessories
GREEN SPECIALTY CO.
1315 W. Jefferson, Los Angeles, Cal.
Phone BEacon 1264

The Aerial That Plays No Favorites
The Super-Ball Antenna is one aerial that gives every broadcasting station an equal chance. It brings in all programs with the same relative efficiency—receives all wave lengths from all directions. Its 346 square inches of conductive surface provides a "bunched capacity" equal to that of a 75-ft. wire aerial with the added advantage of all-directional reception.
Enjoy the best reception of which your radio is capable by equipping it with a Super-Ball Antenna. Your radio dealer can supply you.

Warning:
Be sure that you get a genuine Super-Ball Antenna. Look for the name "Super-Ball" stamped in the metal on top of the ball.

ELECTRAD ROYALTY
Variable High Resistances
If you want reception at its best, insist on these resistances of proven performance:
1—Contact made positive by metallic arm on wire wound strip.
2—Resistance element not exposed to mechanical wear.
A range for every purpose—11 in all, designated A to L. Type E, $2.90. All other types, $1.50.
Write for Free Hook-up Circular
Pacific Coast Representatives:
UNIVERSAL AGENCIES
Los Angeles  San Francisco  Seattle
905 Mission St. 905 Mission St.

Yahr-Lange
Milwaukee Incorporated Wisconsin
FIRST PRIZE
Two Gold Seal Tubes

DX Club:
It is with great pleasure that I notice the revival of the “DX Club” in your interesting publication. While most of your readers use the large 5 and 6-tube sets, I am using 3 small tubes with consistent results:

Roberts’ 3-tube set, home-made, 2-CX-299, 1-CX-220; air-wound solenoid coils, 4-volt storage battery with Rector trickle charger built in third compartment, 3-50 volt Mills “Edison type” B storage batteries, with Hawley charger; 22½-volt C battery, Rola speaker, Preston DX ground, 70-ft. inside aerial around picture rail.

I have logged the following stations since the new wave lengths went into effect, all on the loud speaker, as I am unable to use earphones: All locals, from KFVD to KMTR (20): California stations, from KFWM to KLX (15); and KMO, KTBR, KPAU, KSL, KOMO, KOIN, KOA, KJR, KHR, KWKH, KFOA, KGW, WBAP, CNRV, CJOR, CFACN, CFAC, and (last, but not least!), 3XN, in New Jersey (experimental, about 425 meters, 10-2-27). It takes time and patience, but the results are worth it, as I can separate stations 10 kilocycles apart without any difficulty.

Low-wave adaptors open an interesting field, would be glad to hear whether they really are successful out here.

Very sincerely yours,
PAUL H. WILKINSON,
Pasadena, Calif.

SECOND PRIZE
One Gold Seal Tube

DX Club:
I use a Radiola Semi-Portable receiver, which I have had since the 3rd of October. I use a booster with about a 65-foot single wire antenna and water-pipe ground. Although I haven’t a very good showing on the Eastern stations, I have a few good marks for the fellow DX’ers to shoot at. No! Muskovita, I’m not talking to you, for you are somewhat our superior in the dial twisting game. Here are a few of the most important stations palyed on the speaker:

KEX with KFON on the air—less than 2 meters; CNRV, KOMO, KJR, WCCO, KMO, KMMJ, WBBM, KWKH, KMA, WBAP, CFYC, KYA, KPRC, KMOX, KFQU, 2XN, WDAE, Tampa.

And on the mornings of Oct. 14 and 15, got 2BL, Sydney; Monday, Oct. 17, I got eleven numbers from 3LO, Melbourne, between 2:37 and 3:21 a.m. I have verifications on the way from all of these stations.

Let’s hear from the Semi-Portable fans.

Yours for more and better DX,
R. D. COOK,
717 June St.,
Los Angeles, Calif.

“MAGGIE” PERFORMANCE

The DX Club:
Glad to see DX Club back once more. Just a little two-hours’ fishing with the Magnaformer 9-8, from 6:30 to 7:30 p.m., Saturday and Sunday, Oct. 22 and 23, WLW, WFAA, KGW, KFWM, KSL, 2LS, KFBC, KFWI, KLZ, WBBM, KOIN, KOA, WBAP, KFXF, KRLD, WJBT, KOA, WCCO, KPO, KDKA, KMOX, CNRV, KOB, WHT, and a few others on the loud speaker, volume a-plenty, using CECo Tubes. Neighbors heard WJBT of Chicago, Paul Rader’s (the evangelist) station, broadcasting their Back Home Hour, and came over to be sure it was him. Looking for a wonderful DX record this winter.

S. E. CUMMINS,
708 Mortimer Ave.,
Huntington Park, Calif.
(Continued on Page 75)

BT Counterphase 8—World’s Greatest Radio—Sold with a Distance Guarantee. H. A. Everest, 1032 North Ogden Dr. GRanite 9915.
No radio receiver, regardless of its cost or the performance built into it by the manufacturers, can function efficiently unless it is properly grounded.

Probably you have had reasons for complaint about the poor selectivity of your radio receiver . . . . the lack of volume . . . . the static-like noises within the receiver. All of these troubles, and many others, will be remedied as soon as you install a Preston Radio Ground.

A positive and permanent ground connection . . . . the Preston Ground will give you more volume, better selectivity and clearer, sweeter tone.

The Preston Ground is guaranteed to do all we claim for it. It is easily installed. Get one from your dealer TODAY.

UNGAR & WATSON, INC.
Manufacturers
1366 South Figueroa St. Phone WEstmore 2411

THE SEROY COMPANY
Distributors Northern California, Oregon, Washington
122 Broadway, OAKLAND, Calif.
Steinite
(Licensed by R. C. A.)

The Only Time-Tested Electric Radio At America’s Lowest Prices

$130.25 (With Tubes)

A Compact Table Model in a Duco Finished Solid Mahogany Cabinet of Rare Beauty, having six tubes, three stages tuned radio frequency.

No Batteries — No Aerial

The steady unfailing, limitless power supply of your electric light socket enables the STEINITE to bring in distant stations with plenty of volume. You hear the big “boom—boom—boom” of the bass notes. High tones are reproduced with liquid purity.

National Radio & Supply Co.
141 W. Washington St.
WE. 2748 Los Angeles

Steinite
(Licensed by RCA)

The Dealers Shown Below Will Gladly Demonstrate a Steinite in Your Home

SANTA ANA
Preston Radio
211 East 4th Street

AZUSA
Centre Garage

ORANGE
Cossairt’s Radio
111 West Chapman

HUNTINGTON BEACH
Warner Hardware Co.
112 Main Street

LA HABRA
P. E. Price
310 West Rose Street

FULLERTON
Clever Sporting Goods
127 Commonwealth

ANAHEIM
Gates Furniture & Radio Company
Centre Street

BREA
Bennett’s Radio
112 Pomona Avenue

“Let the Tone Test Tell You”
1928 Silver Shielded Six
for
Light Socket Operation

S-M R.F.Ts. No 118-A
R.F.T. - 2, 3, 4

S-M Shield No 631

Connections indicated to metal chassis & shield

S.M Shields No 631
Silver Shielded Six—Batteryless

The standard battery operated Shielded Six adapted to the use of A.C. tubes of the RCA-Cunningham type is shown in schematic diagram on the reverse of this page. Silver has used the C-327 "heater" type of tube as RF amplifiers and detector, one C-326 "raw A.C. filament" type as first audio amplifier and a 371-power tube in the last stage. The designers explain that the 326 was unsatisfactory in the RF stages, due to the unusual sensitivity of the circuits, hence the heater type was used.

The grid circuit of the first tube is tuned by a separate condenser and control, while the following three condensers are ganged together through a link mechanism for operation by the second dial.

As is usual in Silver design, the wiring is greatly simplified by grounding to the metal chasis wherever possible. The cathodes of the first three tubes are grounded, and thus connected to negative "B" through a resistance unit of 600 ohms, while the cathode circuit of the detector contains a resistor of 5000 ohms. These resistors provide the voltage drop which results in the required grid biasing potential. The detector functions with a biased grid instead of the customary grid condenser and leak.

The plate potential for the RF tubes is obtained from a 6000 ohm potentiometer connected between "B" negative and "B" 90. The position of the movable contact may be varied to give any desired voltage from 0 to 90. This constitutes the sensitivity and volume control of the receiver.

The first audio tube, being of the raw A.C. filament type has the grid return connected to the mid-point of a resistance placed across the filament leads. A biasing resistor is in series between this mid-point and ground. The same is true of the 371 power tube, thus all C voltages are obtained by the voltage drop across resistors within the set and the power supply unit to be used with the set need furnish only 49, 90 and 180 volts of "B" and 1.5 and 5 volts of "A" supply.

All A.C. filament and heater wiring is in braided pair to minimize the alternating field and keep down the hum. The hum in the speaker on this set is just perceptible when no signal is being received.

The Shielded Six is a set of very satisfactory selectivity and sensitivity and the type 220 audio transformers with their 5000 cycle cut-off produce a quality of reproduction which is unsurpassed with a minimum of unwanted noises.

The power supply unit is the 652A kit, a unit employing 85 mil. gaseous rectifier and type CX-374 glow tube. The power transformer is equipped with suitable windings for the three A.C. voltages required by the set. Complete details of the power unit will follow.

**LIST OF PARTS**

**LIGHT-SOCKET IMPROVED A.C. SHIELDED SIX**

<table>
<thead>
<tr>
<th>PARTS INCLUDED IN 630-AC KIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-C. M. 631 Stage Shlds. at $2.00 ..........</td>
</tr>
<tr>
<td>2-C. M. 316 A Condensers, matched at $4.50</td>
</tr>
<tr>
<td>3-C. M. 316 B Condensers, matched at $4.50</td>
</tr>
<tr>
<td>4-C. M. 518 Coll. Sockets at $1.00</td>
</tr>
<tr>
<td>3-C. M. 118A Coll. matched at $2.50</td>
</tr>
<tr>
<td>1-C. M. 118A Coll. matched with above</td>
</tr>
<tr>
<td>4-C. M. 511 Tube Sockets at $0.50</td>
</tr>
<tr>
<td>2-C. M. 320 Audio Transformers at $8.00</td>
</tr>
<tr>
<td>1-C. M. 321 Output Transformer ...............</td>
</tr>
<tr>
<td>1-C. M. 323 Triple Link Motion ...............</td>
</tr>
<tr>
<td>1-Polymet 1/4 mag. Gridleak ....................</td>
</tr>
<tr>
<td>1-Polymet Resistor Mounting ....................</td>
</tr>
<tr>
<td>1-Carter .002 mfd. Condenser ...................</td>
</tr>
<tr>
<td>3-Carter 105 Condenser, 14 mfd. at $0.90.......</td>
</tr>
<tr>
<td>1-Carter MW6000 Potentiometer .................</td>
</tr>
<tr>
<td>2-Carter No. 10 Tipjacks at $0.10 .............</td>
</tr>
<tr>
<td>1-Carter H6000 Resistor .......................</td>
</tr>
<tr>
<td>1-Carter H2000 Resistor .......................</td>
</tr>
<tr>
<td>1-Carter H1000 Resistor .......................</td>
</tr>
<tr>
<td>2-Front PT64 Resistor at $0.50 ................</td>
</tr>
<tr>
<td>1-Krobak 5000 W resistor ......................</td>
</tr>
<tr>
<td>1-B. M. 633 drilled and engraved Metal Panel, 7x2 inch ........</td>
</tr>
<tr>
<td>2—Marco walnut vernier Dials at $2.50 ..........</td>
</tr>
<tr>
<td>1-B. M. 635 AC Terminal Strip, with terminals</td>
</tr>
<tr>
<td>1-B. M. 634 Steel Chassis with hardware ......</td>
</tr>
<tr>
<td>1-Carter No. 12 Antenna Switch ...............</td>
</tr>
<tr>
<td>1-Carter Imp. Battery Switch ...................</td>
</tr>
<tr>
<td>1-Coil Kellogg fabricated hook-up wire with screws, nuts, and lugs</td>
</tr>
</tbody>
</table>
EMSEE RADIO CO.

RADIO AT WHOLESALE

“MACK” SAYS
That he is now open for business at his new location:

1129 MAPLE AVENUE
And will stock Nationally Advertised
Radio Merchandise

FAST SERVICE GUARANTEED AT ALL TIMES

“The Home of Jewell Instruments”

LYNCH RESISTORS (Complete Line)  EKKO PRODUCTS
DUDLO WIRE                    READRITE METERS
CONTINENTAL SWITCHES          DAY-FAN “HANDY VAC” CLEANERS
BLACKBURN STRAPS              KEIL TABLES & CONSOLES
CROWE CABLE MARKERS           MORRIS ANTENNA BALL KITS
TRIMBLE & FINK “GRIPSCRU”      NAALD ADAPTORS
DRIVERS                      X-L PRODUCTS
A-1 CRYSTALS (All Types)      AMERICAN FABRIC PRODUCTS
G. & R. CIRCLE CUTTERS        AMERICAN RADIO HARDWARE
ACME PRODUCTS                 MERTZ “NOPHONIC” TUBE CAPS

AND MANY OTHERS

If It Is Hard to Get—
Phone “MACK”

WEstmore 5907
### METER AND KILOCYCLE LIST OF STATIONS

**250 Watts and Up — Corrected to October 29th**

<table>
<thead>
<tr>
<th>Freq. Meters</th>
<th>Stations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500 - 199.9</td>
<td>WRAH.</td>
</tr>
<tr>
<td>1490 - 201.2</td>
<td>KGEY.</td>
</tr>
<tr>
<td>1470 - 204.0</td>
<td>WKEN, WLBX.</td>
</tr>
<tr>
<td>1460 - 205.4</td>
<td>WAFB, WMBD.</td>
</tr>
<tr>
<td>1440 - 208.2</td>
<td>KFVD, WLBJ, KFFJ.</td>
</tr>
<tr>
<td>1430 - 209.7</td>
<td>KSOF, WBSB, WOKT, WFTI.</td>
</tr>
<tr>
<td>1420 - 211.1</td>
<td>WCDA, WRST.</td>
</tr>
<tr>
<td>1410 - 212.6</td>
<td>KGDJ, WBJL, WRAX.</td>
</tr>
<tr>
<td>1400 - 214.2</td>
<td>KCFW, WICC, WCWK.</td>
</tr>
<tr>
<td>1390 - 215.7</td>
<td>KRLO, WOKO, WPEP, WQAA.</td>
</tr>
<tr>
<td>1380 - 217.3</td>
<td>KCDI, WRCO.</td>
</tr>
<tr>
<td>1370 - 218.8</td>
<td>WCGJ, WGBB, WKBQ, WKBQ.</td>
</tr>
<tr>
<td>1360 - 220.4</td>
<td>WKBH.</td>
</tr>
<tr>
<td>1340 - 223.7</td>
<td>KGFM, KMIC, WCAM, WCW.</td>
</tr>
<tr>
<td>1330 - 225.4</td>
<td>WABQ, WKFB, WNRC, WPCX, WCIB, WRAH.</td>
</tr>
<tr>
<td>1320 - 227.1</td>
<td>KASS, WARS, WBBC, WJAY, WSDA, WWAH.</td>
</tr>
<tr>
<td>1310 - 228.9</td>
<td>WCCO, KELW, KGBO, WOWO, WOWO.</td>
</tr>
<tr>
<td>1300 - 230.6</td>
<td>KFEQ, WDBJ, WGBL, WQAN, WQRO, KBRO, WQBL, WSBC.</td>
</tr>
<tr>
<td>1290 - 232.4</td>
<td>KGRO, WFCF, WJET, WKJS, WSBC.</td>
</tr>
<tr>
<td>1280 - 234.2</td>
<td>WCAL, KFVE, WMSB.</td>
</tr>
<tr>
<td>1270 - 236.1</td>
<td>KDFX, KFMX, KFWM, WBNY, WDKW, WGBF, WHP, WMSG, WATR, WDAT.</td>
</tr>
<tr>
<td>1260 - 238.0</td>
<td>KLDS, WLBI, WBRC, WSBT.</td>
</tr>
<tr>
<td>1250 - 239.9</td>
<td>KEX, KFYR, WEAM, WNA, WJAM, WKCR, WOAX.</td>
</tr>
<tr>
<td>1240 - 241.8</td>
<td>KFKB, KFON, WEBC, WEDC, WMAL, WGES.</td>
</tr>
<tr>
<td>1230 - 243.8</td>
<td>KSCJ, KWCJ, WBR.</td>
</tr>
<tr>
<td>1220 - 245.8</td>
<td>KKFH, KFPP, KLS, WEID, WAT, WDFD, WBFE, WGBK, WKRC, WHDI, WLB.</td>
</tr>
<tr>
<td>1210 - 247.8</td>
<td>KOW, KFEL, WIOD.</td>
</tr>
<tr>
<td>1200 - 249.9</td>
<td>KFRU, WCOA.</td>
</tr>
<tr>
<td>1190 - 252.0</td>
<td>KLCW, KPLA, WMBM, WOK, WKB.</td>
</tr>
<tr>
<td>1180 - 254.1</td>
<td>KFKU, KMO, WREN, WRVA, WTRQ.</td>
</tr>
<tr>
<td>1170 - 256.3</td>
<td>KJFM, WASH, WBBR, WSCO, WEJL, WBLH.</td>
</tr>
<tr>
<td>1160 - 258.5</td>
<td>KFUL, KOCH, WHT, WCMA, WEBW, WFBF, WIL, WNL.</td>
</tr>
<tr>
<td>1150 - 260.7</td>
<td>KGA, WDCY, WCAU, WDFW, WNBH, WOOD, WRHM.</td>
</tr>
<tr>
<td>1140 - 263.0</td>
<td>KGEF, WDAG, WJAZ, WMBI, WSEA, WEDM.</td>
</tr>
<tr>
<td>1130 - 265.3</td>
<td>KTHA, WJK, WNOX, WOL, WRET.</td>
</tr>
<tr>
<td>1120 - 267.7</td>
<td>KFWE, KSBA, WDAE.</td>
</tr>
<tr>
<td>1110 - 270.1</td>
<td>KGU, KOAC, KQV, WGK, KWAH, WJAS, WMAZ, WSOE, WHAD.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Freq. Meters</th>
<th>Stations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1100 - 272.6</td>
<td>KFAD, KFJE, WBAA, WHAR, WPG, WRM, WSKC.</td>
</tr>
<tr>
<td>1090 - 275.1</td>
<td>KFSG, WORDER, WATS.</td>
</tr>
<tr>
<td>1080 - 277.6</td>
<td>KOIL, KKWG, WHAM, KTCL.</td>
</tr>
<tr>
<td>1070 - 280.2</td>
<td>KTAB, WFIW, WGC, WNJ.</td>
</tr>
<tr>
<td>1060 - 282.8</td>
<td>KFXF, WAIU, WDRC, WEOA, WUM.</td>
</tr>
<tr>
<td>1050 - 285.5</td>
<td>KFAU, KFOY, WBAI, WJAG, WKAR, WOAN, KMMI.</td>
</tr>
<tr>
<td>1040 - 288.3</td>
<td>KTTI, WBCN, WDBO, WNAI, WFCW, WNAC, WEAN.</td>
</tr>
<tr>
<td>1030 - 290.9</td>
<td>KQCH, KPRC, WQG, WLBW, WODA, WTM.</td>
</tr>
<tr>
<td>1020 - 293.1</td>
<td>KQW, KGUO, WADC, WNNC.</td>
</tr>
<tr>
<td>1010 - 296.9</td>
<td>KQTF, WIKW, KOWI, WBK, WPSI.</td>
</tr>
<tr>
<td>990 - 302.8</td>
<td>KSL, WGR, WNAI, WHA.</td>
</tr>
<tr>
<td>980 - 305.9</td>
<td>KOMO, WGN, WLIB.</td>
</tr>
<tr>
<td>970 - 309.1</td>
<td>KABA, KYA, WPC, WNRY, WTKM.</td>
</tr>
<tr>
<td>960 - 314.3</td>
<td>KPSN, KDKA.</td>
</tr>
<tr>
<td>950 - 315.6</td>
<td>KQIN, WGH, WQAI.</td>
</tr>
<tr>
<td>940 - 319.0</td>
<td>WQAM, WSM.</td>
</tr>
<tr>
<td>930 - 322.4</td>
<td>KOA, WAP, WAPI, WBBQ.</td>
</tr>
<tr>
<td>900 - 335.1</td>
<td>KSAI, KSEI, WBZ, WKR, WR.</td>
</tr>
<tr>
<td>890 - 336.9</td>
<td>KNXH, WBJ, WJAX, WWWA.</td>
</tr>
<tr>
<td>880 - 340.7</td>
<td>WKAQ, WSM.</td>
</tr>
<tr>
<td>870 - 344.6</td>
<td>WCB, WIBB, WLC.</td>
</tr>
<tr>
<td>860 - 346.6</td>
<td>KJR, KVOO, WAAM, WGBS.</td>
</tr>
<tr>
<td>850 - 352.7</td>
<td>KKB, WDAY, WSAI.</td>
</tr>
<tr>
<td>830 - 361.2</td>
<td>KDFW, WDAY, WSAI.</td>
</tr>
<tr>
<td>820 - 366.5</td>
<td>WCAD, WEAD, WJID.</td>
</tr>
<tr>
<td>810 - 370.2</td>
<td>KHQ, WDAF, WLWL, WMCA.</td>
</tr>
<tr>
<td>800 - 374.8</td>
<td>KOB, KTW, KWKH, KMSC, WHN, WQAO, KFDY, KMA.</td>
</tr>
<tr>
<td>790 - 379.5</td>
<td>WCAJ, WGY.</td>
</tr>
<tr>
<td>780 - 384.4</td>
<td>KGO, KTHS, WCAO, WMBF.</td>
</tr>
<tr>
<td>770 - 385.4</td>
<td>WAAF, WBBM, WJBT.</td>
</tr>
<tr>
<td>760 - 394.5</td>
<td>KOB, KTW, KWKH, KMSC, WHN, WQAO, KFDY, KMA.</td>
</tr>
<tr>
<td>750 - 395.9</td>
<td>WEAR, WTM, PWX, KLZ.</td>
</tr>
<tr>
<td>740 - 405.2</td>
<td>WCCO, WFL, WLOT.</td>
</tr>
<tr>
<td>730 - 416.4</td>
<td>WHT, WIBO, WMAF.</td>
</tr>
<tr>
<td>720 - 422.3</td>
<td>KPO, WOR, WOS.</td>
</tr>
<tr>
<td>700 - 428.3</td>
<td>KFBU, WLW, WCH.</td>
</tr>
<tr>
<td>680 - 440.9</td>
<td>KFSF, WJR, WSBF.</td>
</tr>
<tr>
<td>670 - 447.5</td>
<td>KFOA, WMAQ, WQJ.</td>
</tr>
<tr>
<td>660 - 454.3</td>
<td>KERC, WJZ.</td>
</tr>
<tr>
<td>650 - 461.3</td>
<td>KFNF, KRLD, WEIJ, KUOM, WRR, WHAS.</td>
</tr>
<tr>
<td>640 - 468.5</td>
<td>KJF, WRC.</td>
</tr>
<tr>
<td>630 - 475.9</td>
<td>WS, WSU.</td>
</tr>
<tr>
<td>620 - 483.6</td>
<td>KUSD, WSCF, WEMC, KFDN, WЛЬA, WEA.</td>
</tr>
<tr>
<td>610 - 491.5</td>
<td>WGB, WAA, WWA.</td>
</tr>
<tr>
<td>600 - 499.7</td>
<td>WBAP, WFAA, WAAW.</td>
</tr>
<tr>
<td>590 - 508.2</td>
<td>KLX, WIP, WO, WOW.</td>
</tr>
<tr>
<td>580 - 516.9</td>
<td>WCAN, WMC, WTMG.</td>
</tr>
<tr>
<td>570 - 526.0</td>
<td>KMIT, KYW, WNTC, KFKX.</td>
</tr>
<tr>
<td>560 - 535.4</td>
<td>WHO, WCA, WTIC.</td>
</tr>
<tr>
<td>550 - 545.1</td>
<td>KSD, WMAK, WHAZ, KFUO.</td>
</tr>
</tbody>
</table>

---

**ROFFY'S New Super-Fine 3-Tube Circuit**

The secret of this ultra-selective and sportive set is the use of the new 340 high Mu storage battery tube, which has an amplification constant of 30 instead of 7 for the old type tube. In this specially designed circuit (non-reflex) a single tube will out-perform several sets of 7-F amplification. The recommended parts of 3 Rofty R. F. Inductances, 3 Remler S. W. Condensers, 2 Benjamin Sockets, 2 large Kellogg Audios, 1 No. 50 Bradleywohn, etc.—3 Rofty Inductances with diagram list $18 or complete kit $50. Time charge for wiring kits or remodelling any set to this new circuit $15.

**J. T. ROFFY, 155 Olive St., Walnut Park, Cal. DElaware 2756**
The Cathedral Reproducer

The Cathedral Reproducer is a properly designed, long air column, perfectly matched to its electrical mechanism, and enclosed in a case designed to harmonize acoustically.

With all its parts thus harmonized, it is very efficient. It works directly on the output of your radio set and does not require a power amplifier to operate it.

It is said to reproduce the wide tone range of the better radio programs of today in a manner so true to life that you do have the artists right in the room with you.

It is well worth your while to hunt up a radio store with the Cathedral Franchise and have them show you how you can get today's best quality out of your radio set.

Sold Through Stores With the Cathedral Franchise

EXCLUSIVE WHOLESALE DISTRIBUTORS:

The Daniel Specialty Co.
"The House for Better Reproduction"

5234 Melrose Ave.  LOS ANGELES, CALIF.  HEmpstead 3491
Established 1923
### Schedule of “DX” Stations

<table>
<thead>
<tr>
<th>Call Letters</th>
<th>Fr. Ky.</th>
<th>W.L. Mira</th>
<th>Pw. Wts.</th>
</tr>
</thead>
<tbody>
<tr>
<td>KEX</td>
<td>22500</td>
<td>239.9</td>
<td>100</td>
</tr>
<tr>
<td>WOK</td>
<td>10500</td>
<td>252.5</td>
<td>500</td>
</tr>
<tr>
<td>KSY</td>
<td>11500</td>
<td>255.1</td>
<td>100</td>
</tr>
<tr>
<td>WJAZ</td>
<td>11600</td>
<td>285.5</td>
<td>500</td>
</tr>
<tr>
<td>KOU</td>
<td>11100</td>
<td>270.1</td>
<td>600</td>
</tr>
<tr>
<td>WPG</td>
<td>11000</td>
<td>272.6</td>
<td>600</td>
</tr>
<tr>
<td>KOH</td>
<td>10800</td>
<td>277.6</td>
<td>600</td>
</tr>
<tr>
<td>WAIU</td>
<td>10600</td>
<td>282.8</td>
<td>500</td>
</tr>
<tr>
<td>KFFX</td>
<td>10500</td>
<td>282.8</td>
<td>500</td>
</tr>
<tr>
<td>WENR</td>
<td>10400</td>
<td>288.3</td>
<td>500</td>
</tr>
<tr>
<td>KMOX</td>
<td>10000</td>
<td>298.8</td>
<td>500</td>
</tr>
<tr>
<td>WGR</td>
<td>9900</td>
<td>302.8</td>
<td>750</td>
</tr>
<tr>
<td>WOII</td>
<td>9900</td>
<td>302.8</td>
<td>500</td>
</tr>
<tr>
<td>WGN</td>
<td>9800</td>
<td>305.9</td>
<td>500</td>
</tr>
<tr>
<td>WLIB</td>
<td>9800</td>
<td>305.9</td>
<td>1500</td>
</tr>
<tr>
<td>KDKA</td>
<td>9600</td>
<td>315.8</td>
<td>3000</td>
</tr>
<tr>
<td>WNB</td>
<td>9000</td>
<td>328.1</td>
<td>1500</td>
</tr>
<tr>
<td>WHB</td>
<td>8900</td>
<td>338.9</td>
<td>500</td>
</tr>
<tr>
<td>WLS</td>
<td>8700</td>
<td>344.8</td>
<td>500</td>
</tr>
<tr>
<td>WWJ</td>
<td>8500</td>
<td>552.7</td>
<td>1000</td>
</tr>
<tr>
<td>WSAI</td>
<td>8300</td>
<td>381.2</td>
<td>5000</td>
</tr>
<tr>
<td>WEBH</td>
<td>8200</td>
<td>385.6</td>
<td>2000</td>
</tr>
<tr>
<td>WDAF</td>
<td>8100</td>
<td>570.2</td>
<td>1000</td>
</tr>
<tr>
<td>WOC</td>
<td>8000</td>
<td>374.8</td>
<td>5000</td>
</tr>
<tr>
<td>WGV</td>
<td>7900</td>
<td>379.5</td>
<td>5000</td>
</tr>
<tr>
<td>WHAZ</td>
<td>7900</td>
<td>379.5</td>
<td>500</td>
</tr>
<tr>
<td>KTHS</td>
<td>7800</td>
<td>384.4</td>
<td>1000</td>
</tr>
<tr>
<td>WBBM</td>
<td>7700</td>
<td>389.4</td>
<td>1000</td>
</tr>
<tr>
<td>WORD</td>
<td>7700</td>
<td>389.4</td>
<td>5000</td>
</tr>
<tr>
<td>KMA</td>
<td>7900</td>
<td>394.5</td>
<td>5000</td>
</tr>
<tr>
<td>KOB</td>
<td>7800</td>
<td>394.5</td>
<td>5000</td>
</tr>
<tr>
<td>KWKH</td>
<td>7800</td>
<td>394.5</td>
<td>5000</td>
</tr>
<tr>
<td>PWX</td>
<td>7500</td>
<td>400.0</td>
<td>500</td>
</tr>
<tr>
<td>WTAM</td>
<td>7500</td>
<td>398.8</td>
<td>3500</td>
</tr>
<tr>
<td>CRAC</td>
<td>7300</td>
<td>410.7</td>
<td>1200</td>
</tr>
<tr>
<td>WIT</td>
<td>7200</td>
<td>416.4</td>
<td>5000</td>
</tr>
<tr>
<td>WLN</td>
<td>7000</td>
<td>428.3</td>
<td>5000</td>
</tr>
<tr>
<td>WJR</td>
<td>6800</td>
<td>440.9</td>
<td>5000</td>
</tr>
<tr>
<td>WMAQ</td>
<td>6700</td>
<td>447.5</td>
<td>1000</td>
</tr>
<tr>
<td>WIZ</td>
<td>6600</td>
<td>454.3</td>
<td>30000</td>
</tr>
<tr>
<td>WSB</td>
<td>6300</td>
<td>475.9</td>
<td>1500</td>
</tr>
<tr>
<td>WBAP</td>
<td>6000</td>
<td>499.7</td>
<td>1500</td>
</tr>
<tr>
<td>WFAA</td>
<td>6000</td>
<td>499.7</td>
<td>500</td>
</tr>
<tr>
<td>WOW</td>
<td>5900</td>
<td>506.2</td>
<td>1000</td>
</tr>
<tr>
<td>KKW</td>
<td>5700</td>
<td>528.2</td>
<td>2500</td>
</tr>
<tr>
<td>WHO</td>
<td>5600</td>
<td>535.4</td>
<td>5000</td>
</tr>
<tr>
<td>KRD</td>
<td>5500</td>
<td>546.1</td>
<td>500</td>
</tr>
</tbody>
</table>

**Radio Doings October 29**

**CALL WESTMORE 9065 FOR YOUR PHILCO**

**RADIOLA**

**SALES & SERVICE—AXridge 7106**

4713 South Broadway—Open Nights
# 21 year's experience backs Sterling Power Unit

## SUNDAY TIME TABLE

<table>
<thead>
<tr>
<th>STATIONS</th>
<th>CALL</th>
<th>Frequency in Kilocycles</th>
<th>Wave Lengths in Miles</th>
<th>Power in Watts</th>
<th>STATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>XIKMTR</td>
<td>X</td>
<td>570</td>
<td>526</td>
<td>500</td>
<td>Hollywood</td>
</tr>
<tr>
<td>XIKFI</td>
<td>X</td>
<td>840</td>
<td>469</td>
<td>5000</td>
<td>Los Angeles</td>
</tr>
<tr>
<td>XIKFSD</td>
<td>X</td>
<td>880</td>
<td>441</td>
<td>500</td>
<td>San Diego</td>
</tr>
<tr>
<td>XIKHC</td>
<td>X</td>
<td>720</td>
<td>418</td>
<td>500</td>
<td>Los Angeles</td>
</tr>
<tr>
<td>XIKNR</td>
<td>X</td>
<td>800</td>
<td>375</td>
<td>500</td>
<td>Sta. Monica</td>
</tr>
<tr>
<td>XIKFWB</td>
<td>X</td>
<td>830</td>
<td>361</td>
<td>500</td>
<td>Hollywood</td>
</tr>
<tr>
<td>XIKWC</td>
<td>X</td>
<td>850</td>
<td>353</td>
<td>500</td>
<td>Sta. Ana</td>
</tr>
<tr>
<td>XIKNX</td>
<td>X</td>
<td>890</td>
<td>337</td>
<td>500</td>
<td>Hollywood</td>
</tr>
<tr>
<td>XIKPSN</td>
<td>X</td>
<td>950</td>
<td>318</td>
<td>1000</td>
<td>Pasadena</td>
</tr>
<tr>
<td>XIKFWM</td>
<td>X</td>
<td>1000</td>
<td>300</td>
<td>250</td>
<td>Catalina</td>
</tr>
<tr>
<td>XIKTBI</td>
<td>X</td>
<td>1040</td>
<td>258</td>
<td>500</td>
<td>Los Angeles</td>
</tr>
<tr>
<td>XIKFSG</td>
<td>X</td>
<td>1090</td>
<td>275</td>
<td>500</td>
<td>Los Angeles</td>
</tr>
<tr>
<td>XIKGEF</td>
<td>X</td>
<td>1140</td>
<td>263</td>
<td>500</td>
<td>Los Angeles</td>
</tr>
<tr>
<td>XIKPLA</td>
<td>X</td>
<td>1190</td>
<td>252</td>
<td>500</td>
<td>Los Angeles</td>
</tr>
<tr>
<td>XIKFON</td>
<td>X</td>
<td>1240</td>
<td>242</td>
<td>500</td>
<td>Long Beach</td>
</tr>
<tr>
<td>XIKFOZ</td>
<td>X</td>
<td>1290</td>
<td>232</td>
<td>100</td>
<td>Los Angeles</td>
</tr>
<tr>
<td>XIKPO</td>
<td>X</td>
<td>1310</td>
<td>229</td>
<td>100</td>
<td>Pasadena</td>
</tr>
<tr>
<td>XIKMIC</td>
<td>X</td>
<td>1340</td>
<td>224</td>
<td>250</td>
<td>Inglewood</td>
</tr>
<tr>
<td>XIKFWS</td>
<td>X</td>
<td>1350</td>
<td>222</td>
<td>250</td>
<td>S. Bernardino</td>
</tr>
<tr>
<td>XIKGER</td>
<td>X</td>
<td>1390</td>
<td>216</td>
<td>100</td>
<td>Long Beach</td>
</tr>
<tr>
<td>XIKFOR</td>
<td>X</td>
<td>1420</td>
<td>211</td>
<td>100</td>
<td>Sta. Barbara</td>
</tr>
<tr>
<td>XIKFDO</td>
<td>X</td>
<td>1440</td>
<td>208</td>
<td>250</td>
<td>Venice</td>
</tr>
</tbody>
</table>

### NORTHERN CALIFORNIA

<table>
<thead>
<tr>
<th>STATIONS</th>
<th>CALL</th>
<th>Frequency in Kilocycles</th>
<th>Wave Lengths in Miles</th>
<th>Power in Watts</th>
<th>STATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>XIKFRC</td>
<td>X</td>
<td>660</td>
<td>454</td>
<td>1000</td>
<td>San Francisco</td>
</tr>
<tr>
<td>XIKPO</td>
<td>X</td>
<td>710</td>
<td>422</td>
<td>1000</td>
<td>San Francisco</td>
</tr>
<tr>
<td>XIKGO</td>
<td>X</td>
<td>780</td>
<td>384</td>
<td>5000</td>
<td>Oakland</td>
</tr>
<tr>
<td>XIKYA</td>
<td>X</td>
<td>970</td>
<td>309</td>
<td>500</td>
<td>San Francisco</td>
</tr>
<tr>
<td>XIKQW</td>
<td>X</td>
<td>1010</td>
<td>267</td>
<td>500</td>
<td>San Jose</td>
</tr>
<tr>
<td>XIKTAB</td>
<td>X</td>
<td>1100</td>
<td>300</td>
<td>100</td>
<td>Oakland</td>
</tr>
<tr>
<td>XIKFRI</td>
<td>X</td>
<td>1200</td>
<td>280</td>
<td>250</td>
<td>San Francisco</td>
</tr>
<tr>
<td>XIKR</td>
<td>X</td>
<td>1170</td>
<td>256</td>
<td>100</td>
<td>Berkeley</td>
</tr>
</tbody>
</table>

### NORTHERN AND WESTERN STATES

<table>
<thead>
<tr>
<th>STATIONS</th>
<th>CALL</th>
<th>Frequency in Kilocycles</th>
<th>Wave Lengths in Miles</th>
<th>Power in Watts</th>
<th>STATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>XIKGW</td>
<td>X</td>
<td>610</td>
<td>481</td>
<td>1000</td>
<td>Portland</td>
</tr>
<tr>
<td>XIKCA</td>
<td>X</td>
<td>690</td>
<td>434</td>
<td>2000</td>
<td>Calgary</td>
</tr>
<tr>
<td>XIKJR</td>
<td>X</td>
<td>800</td>
<td>439</td>
<td>2500</td>
<td>Seattle</td>
</tr>
<tr>
<td>XIKFOA</td>
<td>X</td>
<td>870</td>
<td>447</td>
<td>1000</td>
<td>Seattle</td>
</tr>
<tr>
<td>XIKOA</td>
<td>X</td>
<td>920</td>
<td>326</td>
<td>5000</td>
<td>Denver</td>
</tr>
<tr>
<td>XIKIN</td>
<td>X</td>
<td>640</td>
<td>319</td>
<td>1000</td>
<td>Portland</td>
</tr>
<tr>
<td>XIKOMO</td>
<td>X</td>
<td>990</td>
<td>306</td>
<td>1000</td>
<td>Seattle</td>
</tr>
<tr>
<td>XIKSL</td>
<td>X</td>
<td>990</td>
<td>304</td>
<td>1000</td>
<td>Salt Lake City</td>
</tr>
<tr>
<td>XIKLZ</td>
<td>X</td>
<td>750</td>
<td>400</td>
<td>250</td>
<td>Denver</td>
</tr>
<tr>
<td>XIKMO</td>
<td>X</td>
<td>1180</td>
<td>254</td>
<td>250</td>
<td>Tacoma</td>
</tr>
<tr>
<td>XIKEX</td>
<td>X</td>
<td>1230</td>
<td>240</td>
<td>2500</td>
<td>Portland</td>
</tr>
</tbody>
</table>

---

### LACQUER

Radio Cabinets and Furniture finished or refinished at small cost. Antique reproductions. Special prices on quantities to the trade.

Phone HEmptstead 7672

LIBERTY SIGN CO., 208-10-12 N. Western Ave., Los Angeles
## For Radiolas 20, 25 or 28--Sterling Power Team

### MONDAY TIME TABLE

<table>
<thead>
<tr>
<th>Time</th>
<th>10-12 A.M.</th>
<th>12-2 P.M.</th>
<th>2-4 P.M.</th>
<th>4-6 P.M.</th>
<th>CALL</th>
<th>Frequency in Kilocycles</th>
<th>Power in Watts</th>
<th>STATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10:00-11:30</td>
<td>11:30-12:00</td>
<td>12:00-1:30</td>
<td>1:30-2:30</td>
<td>2:30-3:00</td>
<td>3:30-4:00</td>
<td>4:30-5:30</td>
<td>5:30-6:00</td>
</tr>
<tr>
<td>6-8 P.M.</td>
<td>6:00-6:30</td>
<td>6:30-7:00</td>
<td>7:00-7:30</td>
<td>7:30-8:00</td>
<td>8:00-8:30</td>
<td>8:30-9:00</td>
<td>9:00-9:30</td>
<td>9:30-10:00</td>
</tr>
</tbody>
</table>

### SOUTHERN CALIFORNIA

- KFWB 560 355 100 Sacramento
- XKLX 590 508 500 Oakland
- XKFRC 660 454 1000 San Francisco
- XPFM 710 422 500 San Francisco
- XKG 790 394 5000 Oakland
- XKYA 970 308 500 San Francisco
- XKW 1010 297 500 San Jose
- XKTAB 1070 280 500 Oakland
- XKFWM 1120 280 500 San Francisco
- XKF 1150 250 100 Oakland

### NORTHERN CALIFORNIA

- KF 810 491 1000 Portland
- X 870 447 1000 Seattle
- X 590 1434 2000 Calgary
- X 810 370 1000 Spokane
- X 980 349 2500 Seattle
- X 920 376 5000 Denver
- X 940 318 1000 Portland
- X 980 306 1000 Seattle
- KSL 990 303 1000 Salt Lake City
- KOWW 1000 3001 500 Walla Walla
- KFFF 1060 393 2500 Denver
- KOAC 1110 270 500 Corvallis
- KLZ 750 4001 2500 Denver
- KMO 1180 254 250 Tacoma
- X 1250 240 2500 Portland

### NORTHERN AND WESTERN STATES

- KG 810 491 1000 Portland
- X 870 447 1000 Seattle
- X 590 1434 2000 Calgary
- X 810 370 1000 Spokane
- X 980 349 2500 Seattle
- X 920 376 5000 Denver
- X 940 318 1000 Portland
- X 980 306 1000 Seattle
- KSL 990 303 1000 Salt Lake City
- KOWW 1000 3001 500 Walla Walla
- KFFF 1060 393 2500 Denver
- KOAC 1110 270 500 Corvallis
- KLZ 750 4001 2500 Denver
- KMO 1180 254 250 Tacoma
- X 1250 240 2500 Portland
### ASterling Demonstration Will be a Revelation

**TUESDAY TIME TABLE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Stations</th>
<th>Frequency in Kilocycles</th>
<th>Waves in Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-8 P.M.</td>
<td></td>
<td>600-960</td>
<td>X</td>
</tr>
<tr>
<td>8-10 P.M.</td>
<td></td>
<td>600-960</td>
<td>X</td>
</tr>
<tr>
<td>10-12 P.M.</td>
<td></td>
<td>600-960</td>
<td>X</td>
</tr>
</tbody>
</table>

**SOUTHERN CALIFORNIA**

<table>
<thead>
<tr>
<th>Time</th>
<th>Stations</th>
<th>Frequency in Kilocycles</th>
<th>Waves in Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12 A.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>12-2 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>2-4 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>4-6 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>6-8 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>8-10 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>10-12 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

**NORTHERN CALIFORNIA**

<table>
<thead>
<tr>
<th>Time</th>
<th>Stations</th>
<th>Frequency in Kilocycles</th>
<th>Waves in Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12 A.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>12-2 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>2-4 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>4-6 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>6-8 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>8-10 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>10-12 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

**NORTHERN AND WESTERN STATES**

<table>
<thead>
<tr>
<th>Time</th>
<th>Stations</th>
<th>Frequency in Kilocycles</th>
<th>Waves in Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12 A.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>12-2 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>2-4 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>4-6 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>6-8 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>8-10 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>10-12 P.M.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>
## Wednesdays Time Table

### SOUTHERN CALIFORNIA

<table>
<thead>
<tr>
<th>Time</th>
<th>Stations</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12</td>
<td>WOR 570</td>
</tr>
<tr>
<td>12-3</td>
<td>X 560</td>
</tr>
<tr>
<td>2-4</td>
<td>X 560</td>
</tr>
<tr>
<td>4-6</td>
<td>X 560</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>6-8</td>
<td>X 560</td>
</tr>
<tr>
<td>8-10</td>
<td>X 560</td>
</tr>
<tr>
<td>10-12</td>
<td>X 560</td>
</tr>
</tbody>
</table>

### NORTHERN CALIFORNIA

<table>
<thead>
<tr>
<th>Time</th>
<th>Stations</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12</td>
<td>WOR 570</td>
</tr>
<tr>
<td>12-3</td>
<td>X 560</td>
</tr>
<tr>
<td>2-4</td>
<td>X 560</td>
</tr>
<tr>
<td>4-6</td>
<td>X 560</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>6-8</td>
<td>X 560</td>
</tr>
<tr>
<td>8-10</td>
<td>X 560</td>
</tr>
<tr>
<td>10-12</td>
<td>X 560</td>
</tr>
</tbody>
</table>

### NORTHERN AND WESTERN STATES

<table>
<thead>
<tr>
<th>Time</th>
<th>Stations</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12</td>
<td>WOR 570</td>
</tr>
<tr>
<td>12-3</td>
<td>X 560</td>
</tr>
<tr>
<td>2-4</td>
<td>X 560</td>
</tr>
<tr>
<td>4-6</td>
<td>X 560</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>6-8</td>
<td>X 560</td>
</tr>
<tr>
<td>8-10</td>
<td>X 560</td>
</tr>
<tr>
<td>10-12</td>
<td>X 560</td>
</tr>
</tbody>
</table>

(X) Indicates station is on the air.
# A Sterling Demonstration Will be a Revelation

## THURSDAY TIME TABLE

<table>
<thead>
<tr>
<th></th>
<th>10-12 A.M.</th>
<th>11-10-12 P.M.</th>
<th>11-10-12 P.M.</th>
<th>11-10-12 P.M.</th>
<th>11-10-12 P.M.</th>
<th>STATIONS</th>
<th>ADJUSTED TO PACIFIC TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(X) Indicates Station Is On the Air</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4-8 P.M.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6:00-6:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6:30-7:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7:00-7:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7:30-8:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8:00-8:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8:30-9:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>9:00-9:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>9:30-10:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>10:00-10:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>10:30-11:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>11:00-11:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>11:30-12:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>12:00-12:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>12:30-1:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1:00-1:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1:30-2:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2:00-2:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2:30-3:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3:00-3:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3:30-4:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4:00-4:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4:30-5:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5:00-5:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5:30-6:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## SOUTHERN CALIFORNIA

<table>
<thead>
<tr>
<th>Time</th>
<th>Station</th>
<th>Frequency</th>
<th>Wave Lengths</th>
<th>Power in Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12 A.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
<tr>
<td>11-10-12 P.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
<tr>
<td>11-10-12 P.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
<tr>
<td>11-10-12 P.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
<tr>
<td>11-10-12 P.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
</tbody>
</table>

## NORTHERN CALIFORNIA

<table>
<thead>
<tr>
<th>Time</th>
<th>Station</th>
<th>Frequency</th>
<th>Wave Lengths</th>
<th>Power in Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12 A.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
<tr>
<td>11-10-12 P.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
<tr>
<td>11-10-12 P.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
<tr>
<td>11-10-12 P.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
<tr>
<td>11-10-12 P.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
</tbody>
</table>

## NORTHERN AND WESTERN STATES

<table>
<thead>
<tr>
<th>Time</th>
<th>Station</th>
<th>Frequency</th>
<th>Wave Lengths</th>
<th>Power in Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12 A.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
<tr>
<td>11-10-12 P.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
<tr>
<td>11-10-12 P.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
<tr>
<td>11-10-12 P.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
<tr>
<td>11-10-12 P.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
<tr>
<td>11-10-12 P.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
<tr>
<td>11-10-12 P.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
<tr>
<td>11-10-12 P.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
<tr>
<td>11-10-12 P.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
<tr>
<td>11-10-12 P.M.</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
<td>X X X</td>
</tr>
</tbody>
</table>

### Notes
- X Indicates Station Is On the Air
- Frequency in Kilograms
- Wave Lengths
- Power in Watts
For Radiolas 20, 25 or 28 -- Sterling Power Team

FRIDAY TIME TABLE

<table>
<thead>
<tr>
<th>Time</th>
<th>Stations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-8 A.M.</td>
<td></td>
</tr>
<tr>
<td>8-10 A.M.</td>
<td></td>
</tr>
<tr>
<td>10-12 A.M.</td>
<td></td>
</tr>
<tr>
<td>12-2 P.M.</td>
<td></td>
</tr>
<tr>
<td>2-4 P.M.</td>
<td></td>
</tr>
<tr>
<td>4-6 P.M.</td>
<td></td>
</tr>
<tr>
<td>6-8 P.M.</td>
<td></td>
</tr>
<tr>
<td>8-10 P.M.</td>
<td></td>
</tr>
<tr>
<td>10-12 P.M.</td>
<td></td>
</tr>
</tbody>
</table>

CALL FREQUENCY IN CYCLES PER MINUTE WAVE LENGTH IN MILES POWER IN VOLTS STATION

SOUTHERN CALIFORNIA

<table>
<thead>
<tr>
<th>Time</th>
<th>Stations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-8 A.M.</td>
<td></td>
</tr>
<tr>
<td>8-10 A.M.</td>
<td></td>
</tr>
<tr>
<td>10-12 A.M.</td>
<td></td>
</tr>
<tr>
<td>12-2 P.M.</td>
<td></td>
</tr>
<tr>
<td>2-4 P.M.</td>
<td></td>
</tr>
<tr>
<td>4-6 P.M.</td>
<td></td>
</tr>
<tr>
<td>6-8 P.M.</td>
<td></td>
</tr>
<tr>
<td>8-10 P.M.</td>
<td></td>
</tr>
<tr>
<td>10-12 P.M.</td>
<td></td>
</tr>
</tbody>
</table>

NORTHERN CALIFORNIA

<table>
<thead>
<tr>
<th>Time</th>
<th>Stations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-8 A.M.</td>
<td></td>
</tr>
<tr>
<td>8-10 A.M.</td>
<td></td>
</tr>
<tr>
<td>10-12 A.M.</td>
<td></td>
</tr>
<tr>
<td>12-2 P.M.</td>
<td></td>
</tr>
<tr>
<td>2-4 P.M.</td>
<td></td>
</tr>
<tr>
<td>4-6 P.M.</td>
<td></td>
</tr>
<tr>
<td>6-8 P.M.</td>
<td></td>
</tr>
<tr>
<td>8-10 P.M.</td>
<td></td>
</tr>
<tr>
<td>10-12 P.M.</td>
<td></td>
</tr>
</tbody>
</table>

NORTHERN AND WESTERN STATES

<table>
<thead>
<tr>
<th>Time</th>
<th>Stations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-8 A.M.</td>
<td></td>
</tr>
<tr>
<td>8-10 A.M.</td>
<td></td>
</tr>
<tr>
<td>10-12 A.M.</td>
<td></td>
</tr>
<tr>
<td>12-2 P.M.</td>
<td></td>
</tr>
<tr>
<td>2-4 P.M.</td>
<td></td>
</tr>
<tr>
<td>4-6 P.M.</td>
<td></td>
</tr>
<tr>
<td>6-8 P.M.</td>
<td></td>
</tr>
<tr>
<td>8-10 P.M.</td>
<td></td>
</tr>
<tr>
<td>10-12 P.M.</td>
<td></td>
</tr>
</tbody>
</table>

ADJUSTED TO PACIFIC TIME
(X) Indicates Station Is On the Air
A Sterling Demonstration Will be a Revelation

SATURDAY TIME TABLE

<table>
<thead>
<tr>
<th>10-12 AM</th>
<th>12-2 P.M.</th>
<th>2-4 P.M.</th>
<th>4-6 P.M.</th>
<th>STATIONS</th>
<th>8-10 P.M.</th>
<th>8-10 P.M.</th>
<th>10-12 P.M.</th>
</tr>
</thead>
<tbody>
<tr>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>CALL</td>
<td>...</td>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>

SOUTHERN CALIFORNIA

| ... | ... | ... | ... | ... | ... | ... | ... |

NORTHERN CALIFORNIA

| ... | ... | ... | ... | ... | ... | ... | ... |

NORTHERN AND WESTERN STATES

| ... | ... | ... | ... | ... | ... | ... | ... |
DX CLUB:

My old Stewart Warner No. 325 and I have been hauling in a little DX this last week, and here is what we have accomplished since Monday, Oct. 3:

WOW, WBAP, KSAC, CKCK, KFAB, WLIB, KRRC, WBAL, WARD, KFCB, WLW, WMBB, KUOA, WJJD, 2BL, 5CL, JOAK, and JOCK.

The last four were played on the loud speaker, both Saturday and Sunday, between 4 and 5 a.m.

Others that I have played within the last few weeks are: KOIL, 3XN, WHT, KOB, WBBM, KHQ, KDKA, KMOX, CJOR, CNRY, WDAE, KFEL, WJAZ, KOCW,KFVE, KWWJ, KFWC, KFUU, KFRL, KFOA, KFXF, KFAD, KMO, KFAU, KFBC, KFJR, KWTM, KJY, KFLM, KEX, KTRC, KTAB, KFWI, KG, KQW, KYA, KOMO, KOA, KOM, KSL, KPO, KGO, KFSD. The most of these are played regularly.

I have verified reception of PWX on Sept. 15th. Verification of WLAC on July 26th, and of KWWK in August complete my list so far, but I still have hopes of logging all of them that survive.

I am using about 90 feet of stranded enamel wire, made into a four-foot square, non-directional loop, using the rest for lead-in. My ground is dead batteries and copper wire of my own manufacture. I am using Red Top (QRS) tubes.

My location here is far from the best, being but a few blocks from Venice Pier, with its man-made static. Am within two blocks of the P. E. Short Line, and an Edison power house with outside transformers.

More power to you and the DX Club.
Let's hear from lots of its members.

MRS. MARIE GLINSKI,
647 Crestmore Place,
Venice, Calif.
There are two efficient reproducers in the Stewart-Warner radio line. The Model 425, pictured here, sells for $26. The Model 420, smaller in size but with same “organ-voiced” tone, sells for $18.25.

Mrs. Glinski's Radio

At $52.50! ............

And Mrs. Glinski starts the ball rolling for 1927. It is hard to believe that such distant reception records can be made with a receiver costing so little as the Stewart-Warner 325... yet Stewart-Warner owners are getting unbelievable distance nightly.

The quality built into Stewart-Warner receivers at the factory... the careful matching of all units used in their construction... the tremendous volume made possible by demand for Stewart-Warner radio—all combine to make possible the sale of highest quality radio equipment at extremely modest prices.

UNGAR & WATSON, INC.

Wholesale Distributors Stewart-Warner Matched Unit Radio

LOS ANGELES Phone WEstmore 2411
Los Angeles, California—640 Kc.

Radio Central Super-Station of Earl C. Anthony, Inc.
1000 S. Hope. Phone WE 0331. After 5 P.M., WE 0337

ROBERT HURD, Program Manager

SUNDAY, OCTOBER 30

10:00 a.m.—Morning service, L. A. Church Federation.
5:30 p.m.—N. B. C. Crosley Radio Corp., broadcast over P. C. N.
6:58 p.m.—Father Ricard’s Sunspot Weather Forecast.
7:00 p.m.—Aeolian Organ Recital, Alex Reilly at the console.
8:00 p.m.—Packard Classic Hour.
9:00 p.m.—N. B. C. “Great Moments of History,” Nathan Hale, over P. C. N.

MONDAY, OCTOBER 31

5:30 p.m.—Glenn Edmund’s Orchestra.
6:15 p.m.—George Wilder Cartwright.
6:30 p.m.—Gamut Male Quartet.
7:00 p.m.—Gene Johnston’s Music Box Hour Gene Johnston Trio.
8:00 p.m.—N. B. C. Grand Opera, “La Somnambula,” by Bellini.
9:00 p.m.—Enid Newton Daley, concert pianist; Nellie Callender Mills; Mrs. Edward C. Crossman, contralto; Zelma Rogers McCauley; Madge Patton Sullivan, acc.
10:00 p.m.—Roy Isnor’s KFI Serenaders; Edna Cook.

TUESDAY, NOVEMBER 1

5:30 p.m.—The Dragon Hawaiians.
6:00 p.m.—Florence Sanger, Piano Moods.
6:15 p.m.—Prof. Carl S. Knopf.
6:30 p.m.—Mary Rossetti and Don Parker.
7:00 p.m.—Pal o’ Mine Trio.
7:45 p.m.—Mantle Lamp Co. of America.
8:00 p.m.—Piano Recital, Winifred Hooke.
8:30 p.m.—U. S. Playing Card Co. Bridge Games, broadcast over P. C. N.
9:00 p.m.—N. B. C., National Carbon Co. Eveready Hour, over P. C. N.
10:00 p.m.—N. B. C., The Vagabonds in the Mountains, over P. C. N.

WEDNESDAY, NOVEMBER 2

10:45 to 11:05 p.m.—Betty Crocker, Gold Medal Talk.
5:30 p.m.—Sebastian’s Cotton Club Orch.
6:15 p.m.—Radiotherial Period.
7:30 p.m.—Nick Harris, Detective Stories. “The Sad Little Butterfly.”
8:00 p.m.—Calif. Pet. Corp., Calpet Orchestra (Chico De Verde, director); Jas. Burroughs; Grace Mead, comic opera soprano.
9:00 p.m.—N. B. C., Retold Tales, “The Man Who Would Be King,” by Rudyard Kipling, broadcast over P. C. N.

THURSDAY, NOVEMBER 3

5:30 p.m.—Elkins & Hite’s Dixieland Orch.
6:30 p.m.—Henry Starr.
7:00 p.m.—Program by Univ. of So. Calif.
8:00 p.m.—Drama program, direction Louise Bowden.
8:30 p.m.—Edna Tuttle, contralto.
9:00 p.m.—N. B. C., Carrie Jacobs Bond program with Carrie Jacobs Bond; Alice Forsythe Mosher, soprano; Zoe Carl Tark, contralto; Purcell Mayer, violinist.
10:00 p.m.—Program of Modern Classical Music; Purcell Mayer, violinist; Florence Joy, acc.

FRIDAY, NOVEMBER 4

10:45 to 11:05 a.m.—Betty Crocker, Gold Medal Talk.
5:30 p.m.—Euzene Biscailuz, Bill Henry and Katherine O’Neill.
6:00 p.m.—N. W. Wells.
6:30 p.m.—Vest Pocket Period.
7:00 p.m.—Program by Paul Roberts, Harold Mulhollen and York Coplin, violin duets; Harold Bayne Myers, accompanist; Eva Olivotti, prima donna.
8:00 p.m.—Scottish Rite Glee Club and soloists (director, Wm. J. Chick).
9:00 p.m.—N. B. C., “An Hour in Memory Lane.”
10:00 p.m.—Packard Ballad Hour.

SATURDAY, NOVEMBER 5

2:00 p.m.—Stanford-Washington, KPO, KFI, KOMO, from Seattle, sponsored by Associated Oil Co.
5:30 p.m.—Strangers Social Club Orch.
6:15 p.m.—Francis Sullivan.
7:00 p.m.—L. A. Fire Dept. Orchestra.
7:30 p.m.—Felipe Delgado; Ida Marston, pianist.
8:00 p.m.—N. B. C., Saturday Night Revue, broadcast over P. C. N.
9:00 p.m.—N. B. C., Philadelphia Storage Battery Co., broadcast over P. C. N.
10:00 p.m.—Packard Program, Karin Rohde, contralto.
11:00 p.m.—KFI Midnight Frolic; Mosby’s Dixieland Blue Blowers.

AC Sets, Transformers and Chokes, 1217 Dwiggins St., L. A., GA. 7891
This Model
$350 complete
Other Gilfillans
$65.00 up

Gilfillan Radio

Needs No Batteries

ONE DIAL to tune. Easiest thing in the world
to get station you want. Both wave lengths and
kilocycles are indicated. Just turn that dial and enjoy!
These new Gilfillans are the sensations of the year.
No batteries, solutions, acids, or chargers. Chassis
is aluminum-shielded—minimum interference by other
stations! Rola loud-speaker is built into the consoles.
The hand-carved walnut cabinets are superb.

SEE THESE NEW MODELS AT GILFILLAN DEALERS

Distributors:
Southern California (except San Diego County)
GILFILLAN BROS., INC., Los Angeles
San Diego County—MOTOR HDWE. & EQUIPMENT CO., San Diego
Arizona—NIELSEN RADIO & SPORTING GOODS CO., Phoenix
National Broadcasting Co., Inc.

PACIFIC COAST NETWORK

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

WILLIAM RAINNEY
Announcer

Program for Week Commencing Sunday October 30

Sunday, Oct. 30—5:30 to 6:30 P. M.

The Crosley Moscow Art Orchestra will present an hour's program under the direction of Max Dolin.

Sunday, Oct. 30—9 to 10 P. M.

Nathan Hale has been selected for the "Great Moments of History" hour.

The story of Nathan Hale, the young Captain in the Revolutionary Army, has become immortal. His speech, when ready to be hanged as a spy, "I regret that I have but one life to give for my country," has gone down in history as the most patriotic saying of a soldier.

Monday, Oct. 31—8 to 9 P. M.

Under the direction of Max Dolin, the National Opera Company will present the opera, "La Somnambula," by Bellini.

Bellini was one of the most remarkable composers who ever lived, as he had a prolific vein of melody which he poured into a dozen or more operas in his brief span of 34 years. These included such works as "Norma," "Puritani" and "La Somnambula," which remain to this day as masterpieces of their kind. He was paid very little for them, and it is not surprising that toward the end of his brief career he went insane. Many distinguished singers came to their zenith by singing his simple but appealing melodies, but he never shared their good fortune except insofar as he became an immortal composer with a larger share of space in the musical dictionaries.

Tuesday, Nov. 1—8:30 to 9 P. M.

Lessons in the art of playing bridge will be broadcast over the Pacific Coast Network of the National Broadcasting Company by the United States Playing Card Company. This feature will be on regularly each Tuesday evening from 8:30 to 9 o'clock, commencing November 1.

Tuesday, Nov. 1—9 to 10 P. M.

A typical Eveready Hour program, sponsored by the National Carbon Co., will be offered. The Eveready Orchestra and the "Rounders" under the direction of Dudley Chambers will be featured.

Tuesday, Nov. 1—10 to 11 P. M.

"The Vagabonds" will take a trip to the mountains. Music appropriate and descriptive of the mountains will be broadcast by this popular group.

Wednesday, Nov. 2—9 to 10 P. M.

For the Retold Tales Hour the program department has selected Rudyard Kipling's story, "The Man Who Would Be King."

Wednesday, Nov. 2—10 to 11 P. M.

This is a story of two ex-convicts who enlist the aid of a newspaper editor to help them attain their ambition to become Kings. Kings, however, sometimes have sorry fates, and our Kings in this story have an exciting time trying to avoid their fate.

Thursday, Nov. 3—9 to 10 P. M.

From the Los Angeles studio of the National Broadcasting Company will come a program of music built around compositions written by Carrie Jacobs Bond.

Songs that have gained popularity over a period of years, such as "The End of a Perfect Day," will be featured.

A capable group of N. B. C. artists have been obtained to present this program. They are Alice Forsyth Moser, soprano; Zoe Carl Tark, contralto, and Purcell Mayer, violinist.

Friday, Nov. 4—9 to 10 P. M.

Another of the popular "Philco Hours," sponsored by the Philadelphia Storage Battery Company.

This presentation will be a Battery of Entertainers. The Philco Orchestra will be heard in a number of arrangements made especially for them. As usual there will be a period of popular music, when popular dance hits of the day will be played. Vocal solos and novel instrumental effects will complete this popular hour of entertainment.

Friday, Nov. 4—10 to 11 P. M.

For the Hour in Memory Lane program, Jerome Stewartson has chosen a variety of numbers of other days for presentation during this hour of old-time music.

Saturday, Nov. 5—8 to 8:30 P. M.

A feature of the Saturday Night Revue will be Professor Schnitzel of the University of Cincinnati, popular comedian of the Pacific Coast Network.

Other features of the Revue will include a brief resume of the week's program, bits of the operas, the dramas and the other programs being included.

Saturday, Nov. 5—8:30 to 9 P. M.

Another of the popular Pictorial Review programs will be presented.

The program department has arranged for another nation-wide figure such as Kathleen Norris, who appeared on a recent program for the Pictorial Review, to be featured on this one. No announcement has been made as yet as to the identity of this person.

Free Demonstration in Your Home. Phone WEstmore 2712
The Life of the Party
KEMPER
AMBASSADOR HOTEL · LOS ANGELES
Los Angeles, California—720 Kc.

KHJ

500 WATTS—416.2 METERS
Times Bldg., First and Broadway, Los Angeles
Owned and Operated by Los Angeles Times
JOHN S. DAGGETT, Manager and Program Announcer
Phone Met. 0700
"Kindness, Happiness and Joy"

NIGHTLY EXCEPT SUNDAY AND MONDAY—
6:00 to 6:30 p.m.—KHJ Concert Trio.
7:20 p.m.—Scripture reading.
8:00 p.m.—World-wide news items.
9:00 p.m.—Time signals and weather reports.

WEEK COMMENCING SUNDAY, OCTOBER 30, 1927

SUNDAY, OCTOBER 30
10:00 a.m.—Sermon from the KHJ studio by the Rev. Walter Brown Murray, pastor of Swedenborgian Church.
10:30 a.m.—Morning services from the First Methodist Episcopal Church. Dr. Blakeley, organist.
7:00 to 8:00 p.m.—Evening services from the First Methodist Episcopal Church.
8:00 to 10:00 p.m.—Studio program with Dr. Ralph Power announcing.

TUESDAY, NOVEMBER 1
6:30 p.m.—Uncle John and the children’s hour with Ellen Neal, "California Orange Girl of KHJ"; Queen Titania and her Sandman; Lois Jane Campbell, "Brown Eyes"; Betty Jane Uhl, "Miss Confidence," and others.
7:45 p.m.—Margaret Smith, 'cellist, and the Rev. Mary Jane Mayhew, harpist.
8:15 p.m.—Jennie Durkee with her stringed instruments.
8:30 p.m.—Talk on "Health" by Dr. Frank McCoy.
8:45 p.m.—Guillermo Gomez, noted guitar soloist of Mexico.
9:00 p.m.—Talk on "Dogs" by H. M. Robertson.
9:15 to 10:00 p.m.—Musical program.

WEDNESDAY, NOVEMBER 2
2:30 p.m.—"Garden" talk by Fred C. McNabb.
6:30 p.m.—Uncle John and the children’s program, featuring Dick Winslow, screen juvenile; Patricia Eccleston, "Little Daffodil"; Glenn Fitz, "Optimistic Mascot"; Vyola Von, "Wild Rose," and pupils of Marshall Stemdan.
7:45 p.m.—Dr. Mars Baumgardt.
8:15 p.m.—Times Aloha String Quartet.
8:30 p.m.—Open forum.

SUNDAY, NOVEMBER 5
10:00 a.m.—Sermon from the KHJ studio by Dr. Wally Brown Murray, pastor of Swedenborgian Church.
10:30 a.m.—Morning services from the First Methodist Episcopal Church. Dr. Blakeley, organist.
7:00 to 8:00 p.m.—Evening services from the First Methodist Episcopal Church.
8:00 to 10:00 p.m.—Studio program with Dr. Ralph Power announcing.

THURSDAY, NOVEMBER 3
5:00 p.m.—Uncle John and the children’s program with Rosaetta Lewin, "Little Curly Locks"; Gabriel Bartold, cornet soloist; Joyce Coad, "Little Red Riding Hood," and others.
7:45 p.m.—Talk on "Care of the Body" by Dr. Philip M. Lovell.
8:00 to 10:00 p.m.—Program de luxe with the Zoeller Quartet; Leo H. Sansiper, Russian baritone, and James W. Foley, California poet.

FRIDAY, NOVEMBER 4
6:30 p.m.—Uncle John and the children’s program with Roberta Bush, "Firefly of KHJ"; Henrietta Poland, "Forget-Me-Not"; Collins Twins, vocal duets; Catherine Cotter, "Sweetheart of Radioland," and Richard Headrick, "Little Minister.
7:30 p.m.—Talk by Myra Nye of The Times.
7:45 p.m.—Art Pabst, "Pacific Electric Art," with his banjo.
8:00 to 10:00 p.m.—Varied program.

SATURDAY, NOVEMBER 5
2:15 p.m.—Football game from the Coliseum.
8:00 to 10:00 p.m.—Saturday night frolic program.

Quality and Reasonable Price
Are Combined in
"Blue Diamond" B Batteries
RADIO DEALERS: For the most agreeable surprise of your career, phone
FABER 4835
For "Blue Diamond" Prices!

WESTERN ELECTRIC NOVELTY CO., Mfrs., 1258 E. 6th St., Los Angeles
ALL-HENRY!


His First Two Hours with an All-Henry Special
Four Tube Circuit

Played Florida
With Dance Volume
For 30 Minutes

He is T. J. Upmeier and he lives in South Gate.
Another All-Henry Booster

For further information, see any of the Authorized Dealers
listed below, or call DE 7467

LOS ANGELES
(Downtown)
Davis Radio Co.
2817 South Main
Phone WEstmore 6948
Figueroa Radio Shop
929 West Seventh
Phone TUcker 6763
(South)
Radio Headquarters
7214 South Broadway
Phone YOrk 2716
5851 South Vermont
Phone THornwall 2663
(Southwest)
Palmer Radio Lab.
4529 South Vermont
Phone VErmont 7883

GLENDALE
C. P. Smith
125 S. Chevy Chase
Glendale 1780

BELL
Cliff Ward
111’ S. Vinevale St.
Phone DElaware 5632

CULVER CITY
All-Henry Radio Shop
Ray Ybarondo
4050 Wade St.

FULLERTON
Weldon Radio Shop
E. L. Pike, Prop.
201 West Brookdale
Phone 970-M

LONG BEACH
J. R. Foster
1102 East Fourth St.
Phone 654-151

HERMOSA BEACH
E. D. Carter
944 Tenth Street
Phone: Her. Beach 1461

ANAHEIM
Modern Radio Elec.
308 West Center
Phone 1356
Wholesale

GRAHAM
Manchester Radio Elec.
1522 East Manchester
Phone DElaware 0460

SOUTH GATE
W. G. Martin
3476 Santa Ana St.
DE., 3842

ORANGE
Cossairt’s Radio Shop
100 West Chapman
Phones: 46 and 606-J
Hollywood, Cal.—890 Kc.

K N X

500 WATTS—337 METERS

LOS ANGELES EVENING EXPRESS


NAYLOR ROGERS, Mgr. and Program Director
GLEN RICE, Assistant Manager

N. D. GARVER, Technical Engineer

"The Voice of Hollywood"

EDDIE ALBRIGHT
"Town Crier of the Day"

DAILY EXCEPT SUNDAY—

6:45 to 8:00 a.m.—Gold Seal early bird exercises, courtesy of Sanitary Gold Seal Dairy.
6:00 a.m.—Inspirational talk and morning prayer.
8:55 a.m.—Time Signals from Washington, D. C., followed by Birthday Notices.
9:00 a.m.—Radio Shopping News, conducted by Carrie Preston Rittmeister.
10:00 a.m.—Town Crier of the Day's morning message.
10:30 a.m.—Kate Brew Vaughn, director Household Economics Department, Evening Express, except Friday and Saturday.
12:00 noon—Musical program.
12:30 p.m.—W. F. Alder Travelogue.
1:30 p.m.—The Bookworm.
2:00 p.m.—Musical program.
3:00 p.m.—C. P. R.'s musical program.
4:15 p.m.—Lost and Found announcements.
4:25 p.m.—Market reports.
5:00 p.m.—"Own Your Own Home," by Chet Mittendorf.
5:45 p.m.—"Amusement Tips."
6:00 p.m.—Biltmore Hotel Orchestra, broadcast from the Biltmore Dining Room.
6:30 p.m.—Dinner hour concert, directed by Paul Finstein.

DAILY EXCEPT SUNDAY AND TUESDAY—

10:00 p.m.—Earl Burtnett's Biltmore Hotel Orchestra, except Friday.
11:00 p.m.—Hotel Ambassador, Gus Arnehm's Coconut Grove Orchestra.

WEEK COMMENCING SUNDAY, OCTOBER 30, 1927

SUNDAY, OCTOBER 30

10:00 a.m.—First Presbyterian Church of Hollywood, Rev. Stewart P. MacLennan.
2:00 to 4:00 p.m.—City Park Board musical program.
5:15 p.m.—All-Souls' Church.
6:30 p.m.—First Unitarian Church.
7:00 p.m.—First Presbyterian Church of Hollywood.
8:00 p.m.—Circle Theatre Concert Orchestra and organ recital.
9:00 p.m.—Calmon Luboviski, master violinist; Claire Mellinon, pianist.

MONDAY, OCTOBER 31

11:30 a.m.—French lessons by Edgard Leon.
2:30 p.m.—"Human Nature," by William Benton.
4:30 p.m.—Little Jean and the Town Crier.
6:45 p.m.—Gene Leonard through the courtesy of Platt Music Co.
7:30 p.m.—One-Act Play by the KNX Players.
8:00 p.m.—"Quick Meal" program, through the courtesy of Dresslar Hardware Co.
9:00 p.m.—Zenith Carburetor Co.
9:30 p.m.—Feature program.

TUESDAY, NOVEMBER 1

11:30 a.m.—French lessons by Edgard Leon.
12:45 p.m.—Advertising Club Luncheon from the Biltmore Hotel.
4:00 p.m.—Little Joyce Coad, movie star.
7:00 p.m.—Playgoers Club, conducted by Wedgwood Nowell.
7:30 p.m.—Charles Hamp, through the courtesy of the Strausskas Tooth Paste Co.

PLAYGOERS CLUB

Wedgwood Nowell's "Knockout" Broadcast

KNX, Tuesdays and Fridays — 7:00 P. M.
ATWATER KENT RADIO

NEW PRICES FOR 1928
EFFECTIVE IMMEDIATELY

RADIO RECEIVERS
Model 35 .................. $ 54.00
Model 30 .................. 70.00
Model 33 .................. 80.00
Model 32 .................. 95.00
Model 50 .................. 155.00

RADIO SPEAKERS
Model L ...................... $12.50
Model H ...................... 15.00
Model G ...................... 15.00
Model E ...................... 26.00

"B" Power Unit $42
5V Phonograph Attachment $4.75

RAY THOMAS INC.
Atwater Kent Distributor
1248 S. Hope St. WE 6334
LOS ANGELES
**Radio Doings**

**Hollywood, Calif.**

**830 Kc.**

**KFWB**

500 WATTS—361.2 METERS

**WARNER BROS., MOTION PICTURE STUDIOS**

Warner Bros. West Coast Studios,

5842 Sunset Blvd.

Gerald L. King, Mgr., Wm. Ray, Asst. Mgr.

Florencia Israel—Program Arranger

Phone GL 9461

**“Movie Land”**

**STEINITE HEADQUARTERS**

**Gerald L. King**

Announcer

**WEDNESDAY, NOVEMBER 5**

7:00 to 7:30 p.m.—Musical program.

7:30 to 8:00 p.m.—Program in honor of Los Angeles Illustrated Daily News.

8:00 to 9:00 p.m.—Program by courtesy of the MonaMotor Oil Company, presenting Lilyan May Challenger, contralto, and the MonaMotor Oilers Dance Orchestra.

9:00 to 10:00 p.m.—Ina Mitchell, Butler, soprano; Ray Hall and Earl Taylor, violin and organ.

**WEDNESDAY, NOVEMBER 2**

2:30 to 4:45 p.m.—The Landry-Dooley Orchestra by remote control from the Cinderella Roof Ballroom.

**THURSDAY, NOVEMBER 3**

7:00 to 7:20 p.m.—Gamo Zar, zither soloist; Emma Kimmel, soprano.

7:20 to 7:50 p.m.—Program by courtesy of Elec-tru-tone Corporation.

7:50 to 8:00 p.m.—Daily News.

8:00 to 9:00 p.m.—Ann Grey, blues songs; Don Warner's Trio in popular numbers.

9:00 to 10:00 p.m.—Jack Wallace, baritone; Baffa Bros. Trio.

**FRIDAY, NOVEMBER 4**

7:00 to 7:30 p.m.—A one-act play presented by the Playshop Players.

7:30 to 7:50 p.m.—Musical program.

7:50 to 8:00 p.m.—Daily News.

8:00 to 9:00 p.m.—LeRoy Kullberg and his guitar; The Versatile Boys.

9:00 to 10:00 p.m.—Ralph Reilly, baritone; Warner Bros. String Quartet.

**SATURDAY, NOVEMBER 5**

7:00 to 7:30 p.m.—Musical program.

7:30 to 8:00 p.m.—Program in honor of Los Angeles Illustrated Daily News.

8:00 to 9:00 p.m.—Program by courtesy of the MonaMotor Oil Company, presenting Lilyan May Challenger, contralto, and the MonaMotor Oilers Dance Orchestra.

9:00 to 10:00 p.m.—Ina Mitchell, Butler, soprano; Ray Hall and Earl Taylor, violin and organ.
Authorized Radiola Dealer

Courteous Competent Salesmen

Servicing by Experts

RADIOLA 17
Now Here for Delivery
The New A-C Radiola Using the A-C Tubes
"Easy to Play — Easy to Pay"

A PHONE CALL WILL ARRANGE A DEMONSTRATION IN YOUR HOME
Convenient Terms Arranged
Phone TRinity 0746

Eastman Kodak Stores, Inc.
510 South Broadway Los Angeles, Calif.
Hollywood, California
570 Kc.

K M T R
500 WATTS—526 METERS
K M T R RADIO STATION
1028 N. Highland Ave.
Phone Holly 3026
FORBES VAN WHY, Chief Engineer
EVA BURKHARDT, Commercial Mgr.
"Your Friend in Hollywood"
"The Station that Tops the List"

G. Allison Phelps
Manager and Announcer

DAILY EXCEPT SUNDAY—
7:00 to 7:30 a.m.—Setting-up exercises by Professor Barclay L. Severns.
7:30 to 8:00 a.m.—Louise Howatt's Half-Hour of Happiness.
8:45 to 9:00 a.m.—Time signals from Washington, D. C., and musical numbers.
11:15 a.m. to 12:15 p.m.—"Don't Go 'Way Folks," Hour, directed by Charlie Wellman.
12:30 to 1:00 p.m.—Rose Russell's Luncheon Bulletins.
1:30 to 2:30 p.m.—KMTR Press Agent Hour.
4:30 to 5:00 p.m.—Rose Russell's M. I. L. A. Hour.
5:30 to 6:00 p.m.—White King Male Quartet and Mona Content, concert pianist.
6:00 to 6:15 p.m.—Nightly Doings.
6:30 to 7:00 p.m.—Dinner hour program, featuring the Marguerite Le Grand Trio, courtesy Milton G. Cooper & Son.
7:00 to 7:30 p.m.—Fitzgerald Music Company courtesy program, featuring Ampico and Panatrope.
10:00 to 11:00 p.m.—Miller's Cafe Lafayette Dance Orchestra, Ray West, director.

WEEK COMMENCING SUNDAY, OCTOBER 30, 1927

SUNDAY, OCTOBER 30
5:30 to 6:15 p.m.—White King Male Quartet and Mona Content, concert pianist.
6:15 to 6:30 p.m.—Nightly Doings.
6:30 to 7:00 p.m.—Burr McIntosh's Half Hour of Happiness.
7:00 to 8:30 p.m.—Miller's Cafe Lafayette Concert Orchestra.
8:30 to 10:00 p.m.—Program featuring Loren Powell's Little Symphony, courtesy Walker's Department Store.

MONDAY, OCTOBER 31
5:15 to 5:30 p.m.—Chiropractic Health Talk by Dr. T. F. Ratledge.
6:15 to 6:30 p.m.—Fitzgerald's.
7:30 to 10:00 p.m.—Strasska's courtesy program, featuring Charles Hamp.
8:00 to 10:00 p.m.—Courtesy program.

TUESDAY, NOVEMBER 1
9:00 to 10:00 p.m.—Sylvia, the Blind Cook.
10:00 to 11:00 a.m.—Hair-a-Gain program.
2:45 to 3:00 p.m.—Snacks from Maggie's Irish Shack.
4:00 to 4:30 p.m.—Police Commissioner W. G. Thorpe and L. A. Police Male Quartet.
5:15 to 5:30 p.m.—Talk on Health by Dr. Robert T. Williams.
8:00 to 9:00 p.m.—Maxwell House Coffee Co., featuring Maxwell House Orchestra and Jean Cameron, soprano, in an "All Herbert and Friml Program."
9:00 to 10:00 p.m.—C. E. Toberman Co., Outpost Estates, courtesy program.

WEDNESDAY, NOVEMBER 2
9:30 to 10:00 a.m.—Travel talk by Dr. S. J. Mathieson.
1:00 to 2:30 p.m.—Hollywood Chamber of Commerce courtesy program.
3:30 to 4:00 p.m.—Carthay Circle Theater program.
5:15 to 5:30 p.m.—Chiropractic health talk by Dr. T. F. Ratledge.
6:15 to 6:30 p.m.—Fitzgerald's.
7:30 to 8:00 p.m.—Overell's Furniture Co. courtesy program, featuring the KMTR Players under the direction of Edward Murphey, in a one-act play.
8:00 to 10:00 p.m.—Courtesy program.

THURSDAY, NOVEMBER 3
9:00 to 10:00 a.m.—Sylvia, Blind Cook.
10:15 to 10:45 a.m.—Dr. Paul J. Dorosh, "Diet Question Box."
10:45 to 11:45 a.m.—Hair-a-Gain program.
11:45 a.m. to 12:30 p.m. —Jimtown Five Dance Orchestra.
5:00 to 5:30 p.m.—Dr. Gustav Biorkman, "Institute of Popular Medical Education."
7:30 to 8:00 p.m.—Strasska's courtesy program.
8:00 to 10:00 p.m.—Puritas vaudeville program, courtesy L. A. Ice & Cold Stor. Co.

FRIDAY, NOVEMBER 4
10:00 to 11:00 a.m.—Strasska's courtesy program.
1:15 to 1:30 p.m.—Walter Brown Murray, "How to Make Children Behave."
4:00 to 4:30 p.m.—Pacific Electric Art and his banjo.
5:15 to 5:30 p.m.—Chiropractic health talk by Dr. T. F. Ratledge.
8:00 to 9:00 p.m.—Economy Acres courtesy program.
9:00 to 10:00 p.m.—C. E. Toberman Company, Outpost Estates, courtesy program.

SATURDAY, NOVEMBER 5
8:00 to 10:00 a.m.—Sylvia, Blind Cook.
10:45 to 11:15 a.m.—Gordon Whitnall, City Planning Commission.
3:00 to 3:30 p.m. — Lawrence P. Taylor, Criminologist.
7:30 to 7:40 p.m.—M. D. Benesh, of the Sheriff's Office.
7:40 to 8:00 p.m.—KMTR Movie Club.
8:30 to 10:00 p.m.—KMTR courtesy program.
10:00 to 12:00 p.m.—Miller's Cafe Lafayette.

Free Demonstration in Your Home. Phone WEstmore 2712
Line-up Your Set
WITH
Sonatron Tubes!

Experience a New Sensation
in Radio Entertainment

The Trade Mark

The SONATRON Trade Mark is your guide to the "World's Largest Line of Radio Tubes." Look for it on every SONATRON tube...it tells the story of splendid performance, uniform high quality...it identifies the genuine. Accept no substitutes for SONATRON.

Bring your set up-to-date by the SONATRON-izing method, as it deserves nothing but the best in tubes.

Your Dealer Carries the Complete SONATRON Line

"The World's Largest Radio Tube Line"

SONATRON

WHOLESALE DISTRIBUTORS
LISTENWALTER & GOUGH, Inc.
325 Fifth Street, San Francisco 819 E. First Street, Los Angeles
Los Angeles, California 1190 Kc.

KPLA
500 WATTS—252 METERS
Commercial Exchange Bldg., 8th and Olive Sts., Los Angeles. TRinity 2202
LEIGH HARLINE, Program Manager
BERTRAM O. HELLER, Engr, and Asst. Mgr.
"In the Center of Greater Los Angeles"

BARON KEYES
DAILY EXCEPT SUNDAY—
11:00 to 12:00 a.m.—Baron Keyes Diversities.
3:00 to 4:00 p.m.—Palais de Dance by remote control, featuring Ralph Markey and his Musical Keys.
4:00 to 4:03 p.m.—Bullein—Health Commissioner Dr. Geo. Parrish.
4:00 to 5:00 p.m.—Educational Hour.
4:30 to 5:00 p.m.—The Air Castle, except Thursday.
5:00 to 6:00 p.m.—Sundown Frolic.
6:00 to 6:55 p.m.—Dinner Hour Program.
6:55 to 7:00 p.m.—Sports Review from the "Referee."
7:00 to 8:00 p.m.—Sonny Clay and his Brunswick Recording Orch.
10:00 to 11:00 p.m.—Palais de Dance by remote control, featuring Ralph Markey and his Musical Keys.

WEEK COMMENCING SUNDAY, OCTOBER 30, 1927

SUNDAY, OCTOBER 30
7:00 to 8:00 p.m.—Romola Theatre, by remote control.
8:00 to 10:00 p.m.—Request program, featuring KPLA Metropolitan Dance Orchestra.

MONDAY, OCTOBER 31
8:00 to 8:30 p.m.—Charlie Hamp; courtesy Van Degrift Shoe Company.
8:30 to 9:30 p.m.—Ida Schuetx, Coral Atkins, Fred Clint.
9:30 to 10:00 p.m.—Red Allen and his Palais Orchestra.

TUESDAY, NOVEMBER 1
8:00 to 8:30 p.m.—Charlie Hamp; courtesy of Strasska Tooth Paste Laboratories.
8:30 to 9:00 p.m.—Virginia McCoy and N. Russell.
9:00 to 9:30 p.m.—Bert Farquharson and Frankie Merlowe; Mildred Procter.
9:30 to 10:00 p.m.—Round by round returns of the main event from Olympic Aud-

RADIOLA
SALES & SERVICE—AXridge 7106
4713 South Broadway—Open Nights

Standard Radio Co.
Telephone: WEstmore 1560
417 West Pico Street

11 years in the Radio business in Los Angeles. Call on us or phone for free advice in regard to modernizing your Radio set.

Authorised Sales and Service
ATWATER KENT  CROSLEY  FEDERAL  FADA
ROLA AND WESTERN ELECTRIC SPEAKERS
Absolutely DRY Trickle Charger!

$11.00 Complete

No Acids, Liquids or Bulbs—Made entirely of metal—absolutely noiseless!

The new KUPROX Trickle Charger is absolutely dry! It contains no acids or liquids... it uses no bulbs... it is noiseless in operation. You never have to water or bother about it... does away forever with all the muss and worry of wet, acid-filled electrolytic chargers.

Western Office
318 San Fernando Bldg.
Los Angeles
VAndike 3269
BERTRAM SMITH
Western Sales Manager

The KUPROX Trickle Charger is metal throughout... a simple series of metal KUPROX discs riveted together. There is nothing to wear out, nothing to get out of order or to replace. You simply attach it to your battery and forget it. It's full 1-ampere charging rate (almost twice as high as other trickle chargers) keeps your battery always in tip-top condition. Only $11.00 at your nearest radio store.

THE KODEL RADIO CORP., 512 E. PEARL ST., CINCINNATI, OHIO

KUPROX
Los Angeles, California—1090 Kc.

KFSG

DAILY EXCEPT SUNDAY AND MONDAY—
10:30 to 11:30 a.m.—Sunshine Hour.
11:30 a.m. to 12:30 p.m.—Noonday Musical.
2:30 to 3:30 p.m.—Grey Studio Program, except Wednesday.
6:30 to 7:30 p.m.—Angelus Hour.

Aimee Semple McPherson

THURSDAY, NOVEMBER 3
11:30 a.m. to 12:30 p.m.—Organ Recital, Esther Fricke Greene.
3:30 to 4:30 p.m.—Vesper Hour.
7:30 to 9:15 p.m.—Water Baptismal Service, Aimee Semple McPherson.
9:15 to 10:00 p.m.—Grey Studio program.
10:00 to 11:00 p.m.—Organ Recital, Esther Fricke Greene.

FRIDAY, NOVEMBER 4
11:30 a.m. to 12:30 p.m.—Organ Recital, Esther Fricke Greene.
3:30 to 4:30 p.m.—Vesper Hour.
7:30 to 9:30 p.m.—Crusader Rally, Aimee Semple McPherson.

SATURDAY, NOVEMBER 5
3:30 to 4:30 p.m.—Children's Happy Hour.
7:30 to 9:30 p.m.—Divine Healing Service, Aimee Semple McPherson.

WEEK COMMENCING SUNDAY, OCTOBER 30, 1927

SUNDAY, OCTOBER 30
10:30 a.m. to 12:30 p.m.—Sunday morning worship, Aimee Semple McPherson.
2:30 to 4:40 p.m.—Sunday Afternoon Dispensational, Aimee Semple McPherson.
6:30 to 9:30 p.m.—Revival Service, Aimee Semple McPherson.
10:00 to 11:00 p.m.—Organ Recital, Esther Fricke Greene.

MONDAY, OCTOBER 31
11:30 a.m. to 12:30 p.m.—Organ Recital, Esther Fricke Greene.
3:30 to 4:30 p.m.—Vesper Hour.
7:30 to 9:15 p.m.—Evangelistic Service, student evangelists.

WEDNESDAY, NOVEMBER 2
2:30 to 4:30 p.m.—Divine Healing Service, Aimee Semple McPherson.
7:30 to 9:30 p.m.—Regular Midweek Prayer Service, Aimee Semple McPherson.

Los Angeles, California—1040 Kc.

KTBI

DAILY EXCEPT SATURDAY AND SUNDAY—
8:45 to 9:15 a.m.—Devotional Hour.
2:00 to 3:00 p.m.—Inspirational Hour, except Monday.
8:00 to 9:00 p.m.—Biblical Exposition.

DAILY EXCEPT FRIDAY AND SUNDAY—
7:15 to 8:00 p.m.—Aunt Martha's Children's Hour.

WEEK COMMENCING SUNDAY, OCTOBER 30, 1927

SUNDAY, OCTOBER 30
10:45 a.m. to 12:30 p.m.—Regular service, Church of the Open Door.
3:00 to 4:00 p.m.—Jewish Radio Hour.
6:00 to 7:00 p.m.—Radio Vesper Service.
7:15 to 9:30 p.m.—Regular evening service of the Church of the Open Door.

MONDAY, OCTOBER 31
2:00 to 3:00 p.m.—Monday Club. Special speaker.

FRIDAY, NOVEMBER 4
6:15 to 7:00 p.m.—Aunt Martha's Children's Hour.
7:00 to 8:00 p.m.—Exposition of International Sunday School lesson by Rev. John A. Hubbard.

$1 RADIO BATTERIES RECHARGED
RENTAL BATTERIES FURNISHED $1
Called For and Delivered — Within 4-Mile Radius
Small Added Charges Over 4 Miles

LUDLUM & STEELE, Willard Dealers
965 Venice Blvd. Call WESTmore 6974 Los Angeles

CALL WESTMORE 9065 FOR YOUR PHILCO
Los Angeles, California—1440 Kc.

DAILY EXCEPT SUNDAY—
6:30 to 8:30 a.m.—Breakfast Hour with the Dixie Vagabonds.
8:30 to 9:30 a.m.—Gordon Smith’s Radiotising Service with Electrola.
12:00 to 1:00 p.m.—Lunch Hour, through the courtesy of the Radio Sponsoring Bureau; semi-classical records on the Electrola.
1:00 to 3:30 p.m.—Radio Sponsoring Bureau program; Frank Martin, tenor; Nell Larison, pianist.
3:30 to 4:30 p.m.—Gordon Smith’s Radiotising Service with the Radiotising Four.
6:00 to 7:00 p.m.—Varied program through the courtesy of Billy Eaves and Duke Brown.
7:00 to 8:00 p.m.—Gordon Smith’s Radiotising Service with studio programs.
8:00 to 9:00 p.m.—El Fateo by remote control from the ballroom.

WEEK COMMENCING MONDAY, OCTOBER 31, 1927
MONDAY, OCTOBER 31
5:30 to 7:00 p.m.—Billy Eaves, tenor; Otto Hoeg, pianist.
7:00 to 8:00 p.m.—Imperial Orchestra; All-Spanish Orchestra, playing a request program.

TUESDAY, NOVEMBER 1
7:00 to 8:00 p.m.—Gordon Smith’s Radiotising Service with the Imperial Orchestra.

WEDNESDAY, NOVEMBER 2
7:00 to 8:00 p.m.—Gordon Smith’s Radiotising Service with Inez Small, blues singer, and Rae Friedberg, pianist.

THURSDAY, NOVEMBER 3
7:00 to 8:00 p.m.—Gordon Smith’s Radiotising Service with the Happy Four.

FRIDAY, NOVEMBER 4
6:00 to 6:30 p.m.—Annandale Trio.
6:30 to 7:00 p.m.—Program arranged through the Billy Reilly Metropolitan School of Music and Dancing, featuring the Metropolitan Kiddie Revue of 1927.

SATURDAY, NOVEMBER 5
7:00 to 8:00 p.m.—Gordon Smith’s Radiotising Service, with the Happy Four String Quartet.

Venice, California—1440 Kc.

DAILY EXCEPT SUNDAY—
9:30 to Noon—Music and Trade Winds.
4:30 to 6:00 p.m.—Music and Trade Winds.
9:00 to 10:00 p.m.—Studio program.
10:00 to 12:00 p.m.—Mann Bros. and Singing Syncopators from Venice Ballroom.

Mary Elizabeth Carter WEEK COMMENCING MONDAY, OCTOBER 31, 1927
MONDAY, OCTOBER 31
9:00 to 10:00 p.m.—Tiny, Jack and Buck, KFVD Trio; Ruby Berry and Verle Croxell, Melody Maids; Abbott and Graum, Two Tons of Melody; Estelle Kendig, soprano.

TUESDAY, NOVEMBER 1
9:00 to 10:00 p.m.—Morris Lensky, Russian baritone; Dr. Edward Delevanti, pianist; Mme. Tessie Weiss, soprano; Ansley Graham, tenor.

WEDNESDAY, NOVEMBER 2
9:00 to 10:00 p.m.—Walter Anderson’s Orchestra; Fred Thomassen’s Hawaiian Entertainers; Olive Thomasson, soprano; Catherine Williamson, contralto.
12:00 p.m. to 2 a.m.—Tommy Jacobs and his Ship Cafe Frolic.

THURSDAY, NOVEMBER 3
9:00 to 10:00 p.m.—Tiny, Jack and Buck, KFVD Trio; Clara Stoeckel, soprano; Ruby Berry and Verle Croxell, Melody Maids; Abbott and Graum, Two Tons of Melody; Hal Denny and his De Luxe Orchestra.

FRIDAY, NOVEMBER 4
9:00 to 10:00 p.m.—Cecille Lauraine, soprano; Marvin Christenson, tenor; Rufus Wright, baritone; Hal Denny, violinist.

SATURDAY, NOVEMBER 5
9:00 to 10:00 p.m.—Dorothy Berry, soprano; Jack and Buck; Pete, piano accordion, and others.

SUNDAY, NOVEMBER 6
6:00 to 12:00 p.m.—Mann Bros. and Singing Syncopators, from Venice Ballroom. Try-outs by appointments only.

PANATROPE SERVICE

THOMAS RADIO COMPANY
3610 W. 6th, L. A., WA. 2760
K MIC
Inglewood, California
1340 Kc.
250 WATTS—224 METERS
Owned and Operated by James R. Fouch
O. B. MILLS, Engineer
Chamber of Commerce Bldg., Inglewood, Calif.
Phone Direct Wire, Thornwall 1121
Long Distance, Inglewood 80
“The Willard Storage Battery Station”

Announcer
11:00 to 11:00 a.m.—Shopping List with Happy Jack.
8:00 to 9:00 a.m.—Little Eddie Barnes hour.
5:00 to 6:00 p.m.—Frank Martin and Ethel Goldsmith request hour.
10:00 to 11:00 a.m.—M. Fassett’s Hawaiian Trio request hour.
11:00 to 12:00 a.m.—Guitar and banjo, Tiny and Jack, popular numbers.
12:00 to 1:00 p.m.—Announcement hour.
1:00 to 2:00 p.m.—Orthophonic concert.
2:00 to 3:00 p.m.—Classical hour.
3:00 to 3:45 p.m.—Old-time popular request program, except Wednesday.
3:45 to 4:00 p.m.—Latest News Bulletins, courtesy of Inglewood Daily News.
4:00 to 5:00 p.m.—Old-time popular request program, except Tuesday.
5:00 to 6:45 p.m.—Studio organ recital, except Tuesday, Thursday and Saturday.
6:45 to 7:00 p.m.—Latest News Bulletins.
10:00 to 12:00 p.m.—Dance program from Rubiayat Ballroom at Huntington Park, except Monday.

SUNDAY, OCTOBER 30
11:00 to 12:15 a.m.—Centinela Baptist Church, by remote control:
8:00 to 9:15 p.m.—International Bible Students’ Association, Questions and Answers,
M A N D A Y , O C T O B E R 31
7:00 to 8:00 p.m.—Roberts’ Golden State Band, courtesy City of Inglewood.
TUESDAY, NOVEMBER 1
4:00 to 5:00 p.m.—Beauty Talk by Mae Day Beauty Salon.
5:00 to 6:45 p.m.—Geo. Fassett’s String Trio.
7:00 to 8:00 p.m.—Howard Jones, Coach of U. S. C., talk on Football.
WEDNESDAY, NOVEMBER 2
3:00 to 3:45 p.m.—Police Dept. Safety Talk with Police Quartet.
7:00 to 8:00 p.m.—Moonlight Gardens Concert Orchestra.

THURSDAY, NOVEMBER 3
5:00 to 6:45 p.m.—Geo. Fassett’s String Trio.
7:00 to 8:00 p.m.—Better Health Talk by Dr. Joseph Barton, also “The Al Jolson of the Air,” Tiny Newland.
8:00 to 9:00 p.m.—City of Torrance Merchants program with Dick Ross’ Virginians.
9:00 to 10:00 p.m.—“Radio Doings” courtesy program, with Dick Ross’ Virginians and Audrey Yvonne Davis.

FRIDAY, NOVEMBER 4
7:00 to 8:00 p.m.—Minnie Petrie, soprano; Don Miner, tenor.
SATURDAY, NOVEMBER 5
7:00 to 8:00 p.m.—“The Serenaders” String Trio.
8:00 to 10:00 p.m.—Redondo Merchants program, with Dick Ross’ Collegians.

Pasadena, California—950 Kc.

KPSN

DAILY EXCEPT SUNDAY—
12:15 p.m.—News Bulletin.
6:00 p.m.—News Bulletin.

WEEK COMMENCING SUNDAY, OCTOBER 30, 1927
SUNDAY, OCTOBER 30
11:00 a.m.—Services from the First Baptist Church.
TUESDAY, NOVEMBER 1
8:00 to 9:00 p.m.—Star-News concert with James H. Shearer, organist; Frederick Mac- Murray, viola soloist; George Frenger, tenor soloist.

THURSDAY, NOVEMBER 3
8:00 to 9:00 p.m.—Star-News Concert.
SATURDAY, NOVEMBER 5
8:00 to 9:00 p.m.—Star-News Concert.

OFFICIAL MAGNAFORMER SERVICE STATION for HOLLYWOOD
H. A. Everest, 1032 North Ogden Dr. GRanite 9915.
HERE IS AN "A" ELIMINATOR CIRCUIT THAT WILL DELIVER PURE D.C. TO THE FILAMENTS OF 5 VOLT-TYPE-Ă" TUBES WITHOUT ALTERATION OF THE RECEIVING SET. THIS "A" ELIMINATOR OPERATES WITHOUT THE SLIGHTEST HUM FROM ONE TO TWELVE TUBES.

All the necessary parts for this humless "A" eliminator are obtainable at the radio manufacturers supply co - 1000 So. Broadway - Los Angeles California.
Los Angeles, California—1290 Kc.

KGZ

232 METERS
1417 South Figueroa St., Los Angeles, California
WESTMORE 3001
ALLAN FAIRCHILD, Program Director and
Announcer
L. E. TAFT, Technical Engineer
WALTER KING, General Manager

DAILY EXCEPT SUNDAY—
11:00 to 12:00 p.m.—Sosmer Welte Mignon hour.
1:00 p.m.—News Bulletins, courtesy Los Angeles Record.
5:00 p.m.—Booster Hour, courtesy Southern California Mfrs. Exhibit.
6:00 p.m.—Panatrope Dinner Hour, courtesy Barker Brothers.
8:00 to 9:00 p.m.—J. V. Baldwin hour with J. V. Baldwin Chevrolet
Orchestra under direction of Jack Lee.

THURSDAY ONLY—
2:00 p.m.—Tryouts (not broadcast).

WEEK COMMENCING SUNDAY, OCTOBER 30, 1927

SUNDAY, OCTOBER 30
7:00 to 8:00 p.m.—Jack Lee and orchestra;
Madge McConnell, soloist.
8:00 to 9:00 p.m.—Columbia Viva Tonal
Records.
9:00 to 11:00 p.m.—Lou Goldwater's Melo-
dy Boys; Charlie Cole, soloist; Jock Mc-
Gilp, Scotch comedian: Winnie Petrie.

MONDAY, OCTOBER 31
12:00 to 1:00 p.m.—Jack Lee and orchestra;
Art Schwartz, Hazel McCauley, Lucia
Ruiz Jay.
7:00 to 8:00 p.m.—Calawahia Hawaiian Trio,
9:00 to 10:00 p.m.—Myra Bell Vickers Vo-
cal Hour.
10:00 to 11:00 p.m.—Rae Silverman and the
California Banjo Boys.

TUESDAY, NOVEMBER 1
12:00 to 1:00 p.m.—Art Schwartz, Lucia
Ruiz Jay, Hazel and the Handy Man, Jack
Lee and his orchestra.
7:00 to 7:30 p.m.—Lucia Ruiz Jay, Slatel
Duo.
7:30 to 8:00 p.m.—Good Humor Band.
9:00 to 10:00 p.m.—Morris Sisters, Doris
Decker, Blues; Charlie Cole, soloist;
10:00 to 11:00 p.m.—Fred Wesley, soloist;
Walter Hargesheimer, pianist; Dick Ross' 
Virginians.

WEDNESDAY, NOVEMBER 2
12:00 to 1:00 p.m.—Jack Lee and orchestra;
Lucia Ruiz Jay.
7:00 to 8:00 p.m.—Clint Stevenson's Ha-
waiian Trio;
9:00 to 10:00 p.m.—Van Sisters Trio, Semi-
Classical Hour, and Phyrne Alston.
10:00 to 11:00 p.m.—KFQZ Band, Fred Wes-
ley, soloist; Wesley Van Doren.

THURSDAY, NOVEMBER 3
12:00 to 1:00 p.m.—Lucia Ruiz Jay, Hazel
and the Handy Man.
7:00 to 8:00 p.m.—Leslie E. Taft on Radio
Technology.
9:00 to 10:00 p.m.—Clayton Lunham, Chas.
Veneman and Viola Mayot; Joe Edmiston,
classical piano, and Alma Brown.
10:00 to 11:00 p.m.—Jack Lee and orchestra
and Thelma Black.

FRIDAY, NOVEMBER 4
12:00 to 1:00 p.m.—KFQZ Band, Hazel and
the Handy Man.
7:00 to 8:00 p.m.—Playgoers Club, found-
ed and conducted by Wedgwood Nowell.
9:00 to 10:00 p.m.—Frank Martin, Neva
Negus, Lucile Anderson and Hale Hooper,
and the Two Radio Nuts; Johnny Dull
and his Melody Boys.
10:00 to 11:00 p.m.—Johnny Dull and his
Melody Boys.

SATURDAY, NOVEMBER 5
12:00 to 1:00 p.m.—Paris Inn Cafe Orches-
tra under direction of Chas. Offenberg.
7:00 to 8:00 p.m.—Louise Moody Trio
9:00 to 10:00 p.m.—Leonard Van Berg and
Tivoli Four.
10:00 to 11:00 p.m.—Jack Lee and orchestra
and Leonid Van Berg; Betty Moffet and
her sisters.

ZENITH SERVICE
THOMAS RADIO COMPANY
3610 W. 6th, L. A., WA. 2760

TO JOBBERS AND MANUFACTURERS
Spaulding Fibre, Spaulding Bakelite, Hope
Talking Tape, Irvington Spaghetti and Wire
Factory Stocks and Cutting Equipment—Ample Stocks in Los Angeles
Panels, Washers, Discs, Special Shapes

CLAPP & LAMOREE
1325 San Julian Street WESTMORE 8869 Los Angeles

LOS ANGELES
SAN FRANCISCO
PORTLAND
Controlled "B" Power Will Improve Reception

Pleasing in Appearance and easy to connect and operate.

Only the very best of materials used in building this unit.

WILLARD A-B POWER UNIT

Different makes of sets and different types of the same make do not all operate most efficiently with exactly the same amount of power. Unless you can control the "B" power, and regulate it to the set's exact requirement for best reception, you have never heard the set at its best.

The WILLARD A-B has controls that permit you to fully regulate the "B" power flow, and a demonstration will prove to you that you do not know your set at its best until you have heard it with a WILLARD A-B or B POWER UNIT.

No Tube Change or Wiring Change is necessary to operate this Unit. Replaces both A and B Batteries.

Operates from your house lighting circuit with full automatic control.

YOUR RADIO DEALER OR YOUR WILLARD DEALER ANYWHERE IN SOUTHERN CALIFORNIA
Avalon, California—1000 Kc.

THE CATALINA ISLAND STATION

Major Lawrence Mott, Owner-Operator

MISS FRANCES HEWITT, Studio & Program Dir.

"The Isle With a Smile"

DAILY EXCEPT MONDAY

12:30 to 1:45 p.m.—Hotel St. Catherine Orchestra.
6:30 to 8:00 p.m.—Hotel St. Catherine Orchestra.

Rebroadcasting of Other Stations on All Evening Programs

SUNDAYS

5:00 to 6:00 p.m.—Miss Hewitt's Golden Hour.
6:00 to 6:30 p.m.—Riviera Theatre Organ.
8:15 to 9:15 p.m.—St. Catherine Lobby concert.

MONTDAYS

5:00 to 6:00 p.m.—Miss Hewitt's Golden Hour.
6:00 to 6:30 p.m.—Riviera Theatre Organ.
5:00 to 6:00 p.m.—Miss Hewitt's Golden Hour.
6:00 to 6:30 p.m.—Riviera Theatre Organ.

BT Counterphase 8—World's Greatest Radio—Sold with a Distance Guarantee. H. A. Everest, 1032 North Ogden Dr. GRanite 9915.
San Diego, California—680 Kc.

KFSD

DAILY EXCEPT SUNDAY—
10:00 to 11:00 a.m.—Amy Lou Shopping Hour.
6:00 to 7:00 p.m.—Nightly Musical Review.

WEEK COMMENCING SUNDAY, OCTOBER 30, 1927

SUNDAY, OCTOBER 30
11:00 a.m. to 12:30 p.m.—Services Unitarian Church, Howard B. Bard, Pastor.
3:00 to 4:00 p.m.—Temple services of the Theosophical University at Point Loma.

MONDAY, OCTOBER 31
7:00 to 8:00 p.m.—Hent Ballroom Orch.
6:00 to 9:00 p.m.—Program arr. by Sally Canaday Huff.
9:00 to 10:00 p.m.—Airfan Radio Corporation Musical Program.

TUESDAY, NOVEMBER 1
7:00 to 8:00 p.m.—Classical Orthophonic Recital.
6:00 to 9:00 p.m.—State College Program.
9:00 to 10:00 p.m.—Airfan Radio Corporation Program.

WEDNESDAY, NOVEMBER 2
7:00 to 7:30 p.m.—Program courtesy Security Trust & Savings Bank.
7:30 to 8:30 p.m.—Concert program furnished by Theosophical University.
8:30 to 9:00 p.m.—Program courtesy Columbia Store, 741 Broadway.
9:00 to 10:00 p.m.—Airfan Radio Corporation Program.

THURSDAY, NOVEMBER 3
7:00 to 7:45 p.m.—San Diego Police Dance.
7:00 to 8:00 p.m.—The Little Ant Man.
8:00 to 9:00 p.m.—Program from Unitarian Church by remote control.
9:00 to 10:00 p.m.—Airfan Radio Corporation Program.

FRIDAY, NOVEMBER 4
7:00 to 8:00 p.m.—Popular Orthophonic Recital.
8:00 to 9:00 p.m.—Program arranged by San Diego Optometrists.
9:00 to 10:00 p.m.—Airfan Radio Corporation Program.

SATURDAY, NOVEMBER 5
7:00 to 8:00 p.m.—San Diego High School
8:00 to 9:00 p.m.—Franco-American Hour
9:00 to 10:00 p.m.—Airfan Radio Corporation Program.

CALL WESTMORE 9065 FOR YOUR PHILCO

RADIOLA SPECIALISTS

Guaranteed Service On All Radiola, Victor and Brunswick Equipment

WE CAN Eliminate the Harmonics on Your Radiola 25.
WE CAN Electrify Your Old Phonograph—Ask About It!

LABORATORY OF RADIO STANDARDS

E. K. HAYES
2408 W. Vernon
VERmont 6543
Los Angeles, Calif.
K F O N
Long Beach, California
1240 Kc.
500 WATTS—242 METERS
PIGGY WIGGLY STATION

“HAL” G. NICHOLS
Manager

CLARENCE CRARY
Announcer

DAILY—
4:30 to 7:00 p.m.—Piggy Wiggly Concert Orchestra and Entertainers.

DAILY EXCEPT SATURDAY AND SUNDAY—
9:30 to 10:00 a.m.—Organ Recital, Second Church of Christ, Scientist.
10:15 to 10:30 a.m.—Devotional period.
10:30 to 11:30 a.m.—Physiology of Beauty, Georgia O. George.

DAILY EXCEPT SUNDAY—
1:30 to 2:30 p.m.—Barkey’s Mandolin Orchestra and ‘The Eskimo Twins.’
12:00 noon—Lost and Found announcements.
4:00 to 4:30 p.m.—Press-Telegram Late News, by Frank Goss.

DAILY EXCEPT MONDAY—
2:30 to 4:00 p.m.—Long Beach Municipal Band Concert.
8:00 to 9:00 p.m.—Press-Telegram, presenting Long Beach Municipal Band.

WEEK COMMENCING SUNDAY, OCTOBER 30, 1927

SUNDAY, OCTOBER 30
9:30 to 11:00 a.m.—Studio Organ Recital.
11:00 to 12:30 p.m.—Second Church of Christ, Scientist.
12:30 to 1:30 p.m.—Birkel Music Company.
1:30 to 2:30 p.m.—Cloverleaf Chocolate.
4:00 to 4:30 p.m.—Studio program.
7:00 to 7:45 p.m.—Barkey’s Mandolin Orchestra and ‘The Eskimo Twins.’
7:15 to 9:00 p.m.—Services First Church of Christ, Scientist.
9:00 to 12:00 midnight—‘All Star Nite.’

MONDAY, OCTOBER 31
10:00 to 10:15 a.m.—‘Shopping News.’
12:00 to 12:30 p.m.—Moore’s Apparel Shop.
12:30 to 1:00 p.m.—Musical Program.
1:00 to 1:30 p.m.—Harris Fur Co., ‘The Eskimo Twins.’
1:30 to 2:00 p.m.—Capitol Theatre Organ.
2:00 to 2:30 p.m.—Rialto Radio Co.
2:30 to 3:00 p.m.—Capitol Theater Organ.
3:00 to 4:00 p.m.—Women’s Music Club.
7:00 to 8:00 p.m.—Suydam’s Buttercream Schoolhouse.
8:00 to 9:00 p.m.—‘The Haymakers,’ — Georgia O. George.
9:00 to 12:00 midnight—Kiwanis Frolie.

TUESDAY, NOVEMBER 1
10:00 to 10:15 p.m.—Piano recital.
12:00 to 12:30 p.m.—Studio program.
12:30 to 1:00 p.m.—Georgia O. George, ‘Hair-A-Gain Twins.’
1:00 to 1:30 p.m.—Kiwanis Club luncheon.
1:30 to 2:30 p.m.—Capitol Theatre organ.
7:00 to 8:00 p.m.—The Bear Cafe Orchestra.
9:00 to 10:00 p.m.—‘Ye Olde Song Album.’
10:00 to 11:00 p.m.—Breakers Hotel Orchestra.
11:00 to 12:00 midnight—Majestic Ballroom Orchestra.

WEDNESDAY, NOVEMBER 2
10:00 to 10:15 a.m.—‘Shopping News.’
12:00 to 12:30 p.m.—Moore’s Apparel Shop.
12:30 to 1:00 p.m.—Musical Program.
1:00 to 1:30 p.m.—Rotary Club luncheon.
1:30 to 2:00 p.m.—Harris Fur Co., ‘The Eskimo Twins.’
2:00 to 2:30 p.m.—Rialto Radio Co.
7:00 to 8:00 p.m.—Hirshfield’s Fashion Review and Dress Well Club.
9:00 to 10:00 p.m.—‘Piggy Wiggly Limited.’

THURSDAY, NOVEMBER 3
10:00 to 10:15 a.m.—Piano recital.
12:00 to 12:30 p.m.—Studio program.
12:30 to 1:00 p.m.—Georgia O. George, ‘Hair-A-Gain Twins.’
1:00 to 2:00 p.m.—Studio Program.
2:00 to 2:30 p.m.—Health and Efficiency.
7:00 to 8:00 p.m.—‘Old-Time Barn Dance at Sunshine Acres.’
9:00 to 10:00 p.m.—Long Beach Opera.
10:00 to 11:00 p.m.—Masterpiece program.
11:00 to 12:00 midnight—Majestic Ballroom.

FRIDAY, NOVEMBER 4
10:00 to 10:15 a.m.—‘Shopping News.’
12:00 to 12:30 p.m.—Moore’s Apparel Shop.
12:30 to 1:30 p.m.—Musical Program.
1:30 to 2:00 p.m.—Rich’s Quality Bakery.
2:00 to 2:30 p.m.—Rialto Radio Co.
7:00 to 7:30 p.m.—Church of Christ.
7:30 to 8:00 p.m.—Chas. Hamp, courtesy Strasska Toothpaste Laboratories.
9:00 to 10:00 p.m.—‘Ye Olde Song Album.’
10:00 to 11:00 p.m.—Capitol Theatre Organ.
11:00 to 12:00 midnight—Pacific Coast Club.

SATURDAY, NOVEMBER 5
9:30 to 10:30 a.m.—Studio program.
10:30 to 11:30 a.m.—Capitol Theatre Organ.
12:00 to 12:30 p.m.—Studio program.
12:30 to 1:00 p.m.—Georgia O. George.
1:30 to 2:30 p.m.—‘Moonlight Serenaders.’
7:00 to 8:00 p.m.—Piggy Wiggly Hawaiian.
9:00 to 10:00 p.m.—Masterpiece Program.
10:00 to 11:00 p.m.—Breakers Hotel Orchestra.
11:00 to 12:00 midnight—Pacific Coast Club.

Free Demonstration in Your Home. Phone WEstmore 2712
The First Call Book

giving the very latest wave lengths confirmed by the Federal Radio Commission just the other day, October 15, will be published by RADIO DOINGS on November 1.

Before that date the wave lengths of American stations were not permanently allocated, and the changes have been so rapid that the management of RADIO DOINGS felt, with all those interested in radio, that it was decidedly unwise to distribute a CALL BOOK that would be fifty per cent obsolete within a few weeks.

Now that the broadcasters' licenses, wave lengths and powers are established by the National Radio Body, the RADIO DOINGS' CALL BOOK is being made ready for Pacific Coast and national distribution. It contains a complete cross indexed list of all broadcasting stations. The pages are conveniently arranged to allow dial settings and various notations.

Dealers are urged to send in their orders on the attached coupon for this latest and most up-to-date RADIO CALL BOOK. The regular dealer discount prevails. Distribution will begin November first. Set users are referred to the nearest radio or news dealer.

RADIO DOINGS
407 EAST PICO STREET
LOS ANGELES, CALIFORNIA

Please send us..............................RADIO CALL BOOKS OF THE NOVEMBER, 1927, EDITION, WITH THE UNDERSTANDING THAT ALL UNSOLD COPIES CAN BE RETURNED FOR FULL CREDIT WITHIN SIX MONTHS.

DEALER..............................................................

ADDRESS............................................................
Radio Doings

San Francisco, California—710 Kc.

1000 WATTS—422 METERS
HALE BROTHERS AND THE CHRONICLE
J. W. LAUGHLIN, Managing Director
MRS. FREDERICK CROWE, Program Director
ALBERT J. HODGES, Technical Director
Phone Kearney 5777
"The Voice of San Francisco"

DAILY EXCEPT SUNDAY—
6:45 to 7:00 a.m.—Health and Happiness Period
10:00 to 10:45 a.m.—"Ye Towne Crier."
11:30 to 1:00 p.m.—Kane's Hawaiians.
12:00 noon—Time Signals.
12:30 to 1:00 p.m.—Stock and Fruit Reports, except Friday.
1:00 to 2:00 p.m.—Organ recital.
3:30 to 5:00 p.m.—Organ recital, except Saturday.
5:00 to 6:00 p.m.—Children's Hour.
6:00 to 6:30 p.m.—"Ye Towne Crier."
7:30 to 8:00 p.m.—DX period.

WEEK COMMENCING SUNDAY, OCTOBER 30, 1927

SUNDAY, OCTOBER 30
9:45 to 10:30 a.m.—Undenominational and Non-Sectarian Church services.
5:00 to 6:00 p.m.—A Twilight Hour of Chamber Music by the Abas String Quartet.
6:00 to 6:30 p.m.—States Restaurant Orchestra.
6:30 to 8:30 p.m.—Palace Hotel Concert Orchestra.
8:30 to 10:00 p.m.—Rudy Seiger's Fairmont Hotel Concert Orchestra.

MONDAY, OCTOBER 31
6:30 to 7:00 p.m.—Organ recital.
7:00 to 7:15 p.m.—Lamplight hour.
7:15 to 7:30 p.m.—Book Review by Harold Small of The Chronicle.
8:00 to 9:00 p.m.—Program of N. B. C. over P. C. N.
9:00 to 10:00 p.m.—Program of international music for San Francisco branch of manufacturers of Mission Bell and White King Soap.
10:00 p. m. to 12:00 midnight—KPO's Variety Hour.

TUESDAY, NOVEMBER 1
10:00 to 10:30 a. m.—Activity conducted by Ann Warner, domestic economist.
6:30 to 7:30 p.m.—States Restaurant Orchestra.
8:00 to 8:30 p.m.—Uda Waldrop organ recital.
8:30 to 9:00 p.m.—N. B. C. program for U. S. Playing Card Co.—Bridge game.
9:00 to 11:00 p.m.—N. B. C. program over P. C. N.

WEDNESDAY, NOVEMBER 2
6:30 to 7:00 p.m.—Organ recital.
7:00 to 7:30 p.m.—Athletic Review.
8:00 to 9:00 p.m.—Program by the Atwater Kent Artists.

THURSDAY, NOVEMBER 3
10:00 to 10:30 a. m.—Activity conducted by Ann Warner, domestic economist.
6:30 to 7:00 p.m.—Organ recital.
7:00 to 7:30 p.m.—Athletic Review.
8:00 to 9:00 p.m.—Caswell Hour.
9:00 to 10:00 p.m.—N. B. C. program over P. C. N.
10:00 to 11:00 p.m.—Palace Hotel Rose Room Dance Orchestra.

FRIDAY, NOVEMBER 4
10:45 a. m.—Fashion talk by Ninon, Fashion Critic of The Chronicle.
12:45 p.m.—Address from the Commonwealth Club luncheon at the Palace Hotel.
1:30 to 2:00 p.m.—Organ recital.
6:30 to 7:00 p.m.—Program by Board of Education.
7:00 to 7:30 p.m.—Athletic Review.
8:00 to 9:00 p.m.—Program for the Cal. Petroleum Corp., featuring the Calpet Orchestra.
9:00 to 11:00 p.m.—N. B. C. program over P. C. N.

SATURDAY, NOVEMBER 5
10:00 to 10:30 a.m.—Activity conducted by Ann Warner, domestic economist.
2:00 to 5:00 p.m.—Football broadcast, sponsored by Associated Oil Co.
6:30 to 7:30 p.m.—States Restaurant Orchestra.
8:00 to 9:00 p.m.—Program by N. B. C. over P. C. N.
9:00 to 11:00 p.m.—KPO Dance Orchestra.
11:00 p.m. to 12:00 midnight—Palace Hotel Rose Room Dance Orchestra.

CALL WESTMORE 9065 FOR YOUR PHILCO

Free Demonstration in Your Home. Phone WEstmore 2712
San Francisco, California—660 Kc.

KFRC

DAILY EXCEPT SUNDAY—
7:00 to 8:00 a.m.—Seal Rock Program by Simpy Fitts; Granet's Time.
8:00 to 9:00 a.m.—Musical Program.
10:00 to 11:00 a.m.—Musical Program, except Monday, Tuesday and Wednesday.
11:30 to 12 noon—Amateur Try-out, except Saturday.
12:00 to 1:00 p.m.—Sherman Clay Concert, except Friday.
5:30 to 6:20 p.m.—Mac and His Gang, except Monday.
6:20 to 6:30 p.m.—Stage, Screen, Police and Lost and Found, except Thursday.
6:30 to 7:00 p.m.—Western Motors Co. presents the Cecilians, except Monday, Tuesday and Thursday.
4:30 to 5:30 p.m.—Organ Recital by Theodore Strong.
7:00 to 7:30 p.m.—Program by the Cecilians.
10:00 to 12:00 p.m.—Program of Dance Music, except Tuesday.

WEEK COMMENCING SUNDAY, OCTOBER 30, 1927

SUNDAY, OCTOBER 30
12 noon to 1:00 p.m.—Services and sermon from the Paulist Father’s Old St. Mary’s Church, Rev. Edward T. Mallon, pastor.
5:00 to 6:00 p.m.—Organ recital by Theodore Strong.
6:00 to 6:30 p.m.—“Looking at the World,” talk by Dr. Frederick W. Clampett.
6:30 to 7:30 p.m.—Twilight recital with Andrew Robertson and Mildred Wright.
8:30 to 10:30 p.m.—Walter Krausgrill’s Balconies Ballroom Orchestra.

MONDAY, OCTOBER 31
10:00 to 11:00 a.m.—Georgia O. George.
11:00 to 11:30 a.m.—Household Hints by Mary Lewis Haines of the Call.
5:30 to 6:00 p.m.—Mac and His Gang.
6:00 to 6:20 p.m.—Joe Mendel and his Pep Band from the Lido Cafe.
6:30 to 7:00 p.m.—Sports Talk by “Bob.”
8:00 p.m.—Historical Facts.
8:00 to 10:00 p.m.—Blue Monday Jamboree.

TUESDAY, NOVEMBER 1
10:00 to 11:00 a.m.—Georgia O. George.
11:00 to 11:30 a.m.—Doings of Dorothy.
6:30 to 6:50 p.m.—Russell-Colvin presents the Cecilians.
6:50 to 7:00 p.m.—“Investment Securities,” a talk by Agnes N. Alwyn.
8:00 to 9:00 p.m.—Shell Oil Company Serenaders.
9:00 to 11:00 p.m.—Anniversary Program.
11:00 to 11:15 p.m.—Joe Benson, pianist, and Memory Contest.
11:15 to 12:00 p.m.—One year after Carnival.

WEDNESDAY, NOVEMBER 2
10:00 to 11:00 a.m.—Georgia O. George.
11:00 to 11:30 a.m.—Household Hints by Mary Lewis Haines of The Call.
8:00 p.m.—Historical Facts.
8:00 to 9:00 p.m.—Maxwell House Coffee Orchestra.
9:00 to 10:00 p.m.—Lullabies of All Nations with Ensemble and Soloists.

THURSDAY, NOVEMBER 3
11:00 to 11:30 p.m.—Doings of Dorothy.
6:20 to 6:30 p.m.—Madame Marie’s Beauty Talk.
6:30 to 6:50 p.m.—Sports Talk by “Bobs.”
6:50 to 7:00 p.m.—Stage and Screen and Police Reports, Call’s Lost and Found and Houdaille Time Signal.
8:00 p.m.—Historical Facts.
8:00 to 9:00 p.m.—Monamotor Oil Co. presents Weidner’s Orchestra, the Monamotor Six and Robert Olsen, soloist.
9:00 to 10:00 p.m.—Studio program.

FRIDAY, NOVEMBER 4
11:00 to 11:30 a.m.—Hints to Home-makers by Aunt Martha.
3:30 to 4:30 p.m.—Student’s Hour by the “Observer.”
8:00 p.m.—Historical Facts.
8:00 to 9:00 p.m.—Shell Oil Company Serenaders.
9:00 to 10:00 p.m.—Studio program.

SATURDAY, NOVEMBER 5
11:00 to 11:45 a.m.—Amateur Try-outs.
11:45 a.m. to 12:00 noon—Announcements of Sunday church services.
2:30 p.m.—Broadcast of football games, Berkeley vs. Montana at Berkeley, and Stanford vs. Washington at Seattle.
8:00 p.m.—Historical Facts.
8:00 to 9:00 p.m.—Shell Oil Company Serenaders.
9:00 to 10:00 p.m.—Anson Weeks Hotel Mark Hopkins Dance Orchestra.

OFFICIAL SILVER-MARSHALL SERVICE ON ALL S-M SETS
One stage of radio frequency ahead of the new S. M. 8-tube will eliminate all harmonics and give you a greater distance range. This set can be used on either aerial or loop. I have such a set on demonstration. Drop in and hear it.

Expert Service also on Madison-Moore, Remler and Silver-Cockaday

—JACK CHENEY (Radio Laboratory Service)

1759 W. 39th, Los Angeles

OPEN EVENINGS

UNiversity 6088
KGO
PACIFIC COAST STATION, GENERAL ELECTRIC CO.
Phone Fruitvale 5980

DAILY EXCEPT SUNDAY—
11:30 a.m. to 1:00 p.m.—Hotel Leamington concert.
12:30 and 7:00 p.m.—Stock and weather reports. Baseball scores.
6:00 to 6:45 p.m.—Dinner hour concert, except Monday.
9:00 p.m.—Time Signals, except Saturday.

WEEK COMMENCING SUNDAY, OCTOBER 30, 1927

SUNDAY, OCTOBER 30
11:00 a.m.—First Congregational Church service, San Francisco.
5:30 to 6:30 p.m.—Crossley Moscow Art Orchestra, N. B. C.
7:30 p.m.—Weather report.
7:35 to 9:00 p.m.—First Cong. Church service, San Francisco.
9:00 p.m.—Time signal.
9:00 to 10:00 p.m.—“Great Moments of History, N. B. C.”

MONDAY, OCTOBER 31
3:30 to 4:00 p.m.—California Federation of Women’s Clubs.
4:00 to 5:00 p.m.—Frank Ellis and Hotel St. Francis Dance Orchestra.
5:30 to 6:00 p.m.—Aunt Betty (Ruth Thompson) stories; KGO Kiddies’ Klub.
6:00 to 6:45 p.m.—Norman Woodside’s Roberts-at-the-Beach Orchestra.
6:45 p.m.—“What’s Happening in the World,” John D. Barry.
8:00 to 9:00 p.m.—Grand opera, “La Sonnambula” (Bellini), N. B. C.
9:00 to 9:20 p.m.—Joseph Henry Jackson, “Chats About New Books.”

TUESDAY, NOVEMBER 1
8:00 to 8:30 p.m.—“HM” and “JP” entertain.
8:30 to 9:00 p.m.—U. S. Bridge Lessons, N. B. C.
9:00 to 10:00 p.m.—Eveready Hour, N.B.C.
10:00 to 11:00 p.m.—“The Vagabonds,” N. B. C.

WEDNESDAY, NOVEMBER 2
6:30 p.m.—Weather.
6:30 to 7:30 p.m.—Farm program. Addressed by R. H. McDrew and T. D. Urbahns.

Also, Ideal Dairy Center Meeting, California Dairy Council.
8:00 to 9:00 p.m.—Vaudeville.
9:00 to 10:00 p.m.—“Retold Tales,” N.B.C.
10:00 to 12:00 p.m.—Frank Ellis and Hotel St. Francis Dance Orchestra.

THURSDAY, NOVEMBER 3
5:00 to 5:15 p.m.—“Mental Measurement.”
Dr. Virgil E. Dickson, University of Calif.
5:15 to 6:00 p.m.—Geo. W. Ludlow, “Friend to Boys.”
8:00 to 9:00 p.m.—“The Pilgrims.”
9:00 to 10:00 p.m.—Miscellaneous musical program, N. B. C.

FRIDAY, NOVEMBER 4
5:30 p.m.—Da-Re-O, wise man from the Land-O-Health.
8:00 to 9:00 p.m.—“Composer’s Birthday Night.” Program by Rembrandt Trio and KFO Mixed Quartet.
9:00 to 10:00 p.m.—“Philco Program,” N. B. C.
10:00 to 11:00 p.m.—“An Hour in Memory Lane,” N. B. C.
11:00 to 12:00 p.m.—Frank Ellis and Hotel St. Francis Dance Orchestra.

SATURDAY, NOVEMBER 5
7:15 to 7:30 p.m.—Weekly sport review, Al Santoro.
8:00 to 8:30 p.m.—Revue Program, N.B.C.
8:30 to 9:30 p.m.—“Pictorial Review Program, N. B. C.
9:30 to 10:00 p.m.—Program by the Rembrandt Trio.
10:00 to 11:00 p.m.—Dance music.
11:00 to 12:00 p.m.—Paul Nutting and his Rainbow Isle Orchestra, Hotel Leamington, Oakland.

RADIOLA SALES & SERVICE — AXridge 7106
4713 South Broadway — Open Nights

THE WEST HAS GONE GOSILCO
The cooperation of Jobbers, Dealers and Radio Engineers, such as Major Mott and Ormsiton, who believe in this Super Aerial Wire, are largely responsible for its phenomenal success.

GOLD OVER SILVER ON 14 COPPER
Greatly Increased DX Range, Volume, Selectivity, Improved Tone,
Permanent LOCAL JOBBERS
Your Dealer has it or will get it. 100 ft., $4.00; 75 ft., $3.25; 50 ft., $2.50
Mail Orders Given Special Attention
GOSILCO RADIO PRODUCTS COMPANY, Huntington Park, Calif.
Pat. App'd For.
DELaware 2555
YALE RADIO Batteries cost less per radio hour!

"There's a YALE Battery for every Battery Need"

During service hours Yale Batteries deliver a steady stream of pulsing power. Because of their exceptional recuperative powers while idle, they yield a premium — a PLUS supply of power! That's why Yale Batteries cost you less per hour of reception.

HUMPHREY'S MUSIC CO.
431 Pine Ave. Phone 642-97 Long Beach, Calif.
Radio Doings
Portland, Oregon—610 Kc.

1000 WATTS—491.5 METERS
THE MORNING OREGONIAN
"Keep Growing Wiser"

DAILY EXCEPT SUNDAY—
10:00 to 11:30 a.m.—Town Crier, weather reports, news items.
6:00 to 7:00 p.m.—Dinner Concert, except Friday.

STEPHEN I. GAYLORD
Announcer

WEEK COMMENCING SUNDAY, OCTOBER 30, 1927

SUNDAY, OCTOBER 30

8:30 to 9:15 a.m.—"Auntie Blossom," reading the Sunday comic strips; songs by Winnie Winkle.

11:00 to 12:00 noon—Morning services from the St. Stephen's Pro-Cathedral.

5:30 to 6:30 p.m.—Salon Orchestra and Mixed Quartet, presented by Fields Motor Car Co.

6:30 to 7:30 p.m.—Standard Oil program.

7:30 to 8:00 p.m.—The Two Steinways, presented by Sherman Clay Co.

8:00 to 9:00 p.m.—"Neighborhod Drug Store Hour," courtesy of Blumauer Frank Drug Co.

9:00 to 10:00 p.m.—P. C. N. program.

9:00 p.m.—Long Time Signals from N. B. C.

10:00 to 11:00 p.m.—Public Service Little Symphony Orchestra.

MONDAY, OCTOBER 31

7:15 to 7:30 a.m.—Y. M. C. A. Health Exercises.

7:00 to 7:30 p.m.—Salon Orchestra, with singer presented by Edwards Dependable Coffee So.

7:30 to 7:45 p.m.—Utility service.

7:45 to 8:00 p.m.—American Express Co., "Travel Talk."

8:00 to 9:00 p.m.—P. C. N. program.

9:00 to 10:00 p.m.—Concert, "Venetian Hour," a program of Italian music.

10:00 to 12:00 p.m.—McElroy's Spanish Ballroom Dance Band, directed by Johnny Sylvester.

TUESDAY, NOVEMBER 1

7:00 to 7:10 p.m.—"Business Training," a talk presented by the Northwestern School of Commerce.

7:10 to 7:30 p.m.—Utility Service.

7:30 to 7:45 p.m.—Thrift Talk, courtesy of Union Savings and Loan Assn.

7:45 to 8:00 p.m.—Book Chat, presented by J. K. Gill Co.

8:00 to 8:30 p.m.—"Sealy Sam" program, sponsored by Sealy Mattress Co.

8:30 to 9:00 p.m.—Educational program, talks and music.

9:00 to 10:00 p.m.—"Eveready Hour," courtesy of the National Carbon Co., N. B. C.

10:00 to 11:00 p.m.—N. B. C.

WEDNESDAY, NOVEMBER 2

7:15 to 7:30 a.m.—Y. M. C. A. Health Exercises.

7:00 to 7:30 p.m.—Brown and White Taxi-cab concert.

7:30 to 7:45 p.m.—Poultry Talk, courtesy of Albers Bros., from KFOA.

7:45 to 8:00 p.m.—Catholic Truth Society lecture.

8:00 to 9:00 p.m.—White King Orchestra, courtesy of Los Angeles Soap Co.

10:00 to 11:00 p.m.—N. B. C. program.

10:00 to 12:00 p.m.—Dance music from the Gold Room of the Multnomah Hotel.

THURSDAY, NOVEMBER 3

7:00 to 7:30 p.m.—Good Humor Orchestra, presented by the Good Humor Ice Cream Co.

7:30 to 8:00 p.m.—Mantle Lamp Co. of American concert.

8:00 to 9:00 p.m.—Concert by the Maxwell House Coffee Orchestra, with soloists.

9:00 to 10:00 p.m.—P. C. N. program.

FRIDAY, NOVEMBER 4

7:15 to 7:30 a.m.—Y. M. C. A. Health Exercises.

6:00 to 7:00 p.m.—"Golden West Girl," presented by Golden West Coffee Co.

7:00 to 7:30 p.m.—C. C. Gerber entertainers.

7:30 to 7:45 p.m.—Utility Service.

7:45 to 8:00 p.m.—Albers Bros., "Dairy Talk."

8:00 to 9:00 p.m.—"Shell 400 Magic Theatre Party," courtesy of Shell Co. of California.

9:00 to 10:00 p.m.—P. C. N. program.

10:00 to 10:30 p.m.—Concert.

10:30 to 12:00 p.m.—Frolic of the Keep Growing Wiser Order of Hoot Owls.

SATURDAY, NOVEMBER 5

8:00 to 9:00 p.m.—Program from San Francisco, "Saturday Night Review."

10:00 to 12:00 p.m.—Dance music from the Indian Grill of the Multnomah Hotel.

Technical radio authorities advise "B" eliminators. The FERBEND is the equal of any, regardless of price. Prepare for winter "DX" by installing

FERBEND "B" ELIMINATORS
Samuel J. Paul, Distributor
90 Volts, $13.50 - 180 Volts, $18.75
1605 W. Ninth St. DU 0185 Los Angeles
October 29

Radio Doings

BREMER-TULLY Scores Again!

ATTENTION MR. GORDY,
Reiman Wholesale Electric Co.,
218 East Third Street,
Los Angeles, Calif.

Dear Mr. Gordy;

To say I was pleased with the performance of the BREMER TULLY Six Receiver, sent me for trial, would be putting it very mild. I enclose list of stations heard, all on loudspeaker, using no special equipment and all in one night:

Canada, CNRy, CKWx; Philadelphia, WJIT; Chicago, WBBM, WLS, KYW; Fort Worth, WBAI, WFAA; Denver, KFXF, KOA; San Francisco, KPO, KVA, KFRC; San Diego, KFSD; Portland, KEK, KOID, KGW; Seattle, KOMO, KFOA, KJR; St. Louis, KMOX; Pittsburgh, KDJ; Cincinnati, WSAI; Cuba, PITX; Australia: Brisbane, 4QL, and Sydney, 2BE (clear, not loud); New Zealand, 1YA; Japan: Nagoya, JOCX.

This list speaks for itself. Retired at 3:30 a.m., very tired but pleased.

Thanking you, I am,

Yours very truly,

(Signed) CLIFFORD S. PUGH.

Franchised Dealers

LOS ANGELES
Associated Radio Service Co.
4156 Beverly Blvd.
Bob Brown Radio Sales & Service
4353 So. Figueroa St.
Better Service Electric Company
1042 So. Western Ave.
Potter Radio Sales & Service
1817 West 54th St.
Holland Electric Co.
5632 Pasadena Ave.

HOLLYWOOD
H. A. Everest
1032 N. Ogden Drive
Hatfield & Son
1762 N. Vermont
Wm. Hanson
7575 Sunset Blvd.

Hollywood Radio Co.
709 N. Western Ave.
L. C. Willey
1117 North Beachwood

CULVER CITY
Bremer-Tully Radio Sales
Phone Culver City 3490

SAN PEDRO
Bremer-Tully Radio Shop
255 E. 7th St.

SANTA BARBARA
Bolton Jones Music Co.

HERMOSA BEACH
Modern Radio Exchange
530 El Camino Real

HUNTINGTON PARK
Sam E. Cummins
708 Mortimer St.

REDONDO BEACH
Modern Radio Exchange
410 Diamond St.

SANTA MONICA
Santa Monica Radio Co.
305 Santa Monica Blvd.

SAN LUIS OBISPO
E. M. Merrifield
862 Higuerra St.

OWENSMOUTH
Sebree Music Store

SANTA MARIA
Saladin Music Store
128 E. Main St.

REDLANDS
Yount & Daly
106 Citrus Ave.

SANTA ANA
Alexander Radio Sales
309 E. 4th St.

A Few Good Locations Still Open for Franchised Dealers

Distributed by

REIMAN WHOLESALE ELECTRIC CO.
228 E. Third St. ME. 4280 Los Angeles
SUNDAY, OCTOBER 30
11:00 to 12:30 p.m.—Morning services of First Methodist Episcopal Church.
7:45 to 8:00 p.m.—Twilight organ concert.
8:00 to 9:15 p.m.—Evening services of First Methodist Episcopal Church.
9:15 to 10:45 p.m.—Puget Sound Savings and Loan Concert Orchestra.

MONDAY, OCTOBER 31
10:00 to 10:30 a.m.—Ruth Hurlbut.
10:30 to 10:45 a.m.—Babs' Trio, violin, 'cello, piano.
11:00 to 11:15 a.m.—Babs' Trio.
3:00 to 3:15 p.m.—KJR Book Chat.
7:00 to 8:00 p.m.—Studio program.
8:00 to 9:00 p.m.—Instrumental and vocal program, sponsored by Monks Burner.
9:00 to 10:00 p.m.—Studio program.

TUESDAY, NOVEMBER 1
10:00 to 10:30 a.m.—Health Talk by Dr. Paul R. McCann.
10:30 to 10:45 a.m.—Monique and Helene, vocal and instrumental selections.
11:00 to 11:15 a.m.—Monique and Helene.
7:00 to 10:00 p.m.—Studio program.

WEDNESDAY, NOVEMBER 2
10:00 to 10:30 a.m.—Musical program.
10:30 to 10:45 a.m.—Monique and Helene, vocal and instrumental selections.
11:00 to 11:15 a.m.—Monique and Helene.
7:00 to 8:30 p.m.—Studio program.
8:30 to 9:00 p.m.—Nightingale Quartet, sponsored by Casey-Bowyers, Inc.
9:00 to 10:00 p.m.—Studio program.

THURSDAY, NOVEMBER 3
10:00 to 10:30 a.m.—Health Talk by Dr. W. E. Waldo.
10:30 to 10:45 a.m.—Violin solo by Lloyd Solberg.
11:00 to 11:15 a.m.—Piano solos by Martha Taillez.
7:00 to 9:00 p.m.—Studio program.
9:00 to 10:45 p.m.—Puget Sound Savings and Loan Concert Orchestra.

FRIDAY, NOVEMBER 4
10:00 to 10:30 a.m.—Piano concert.
10:30 to 10:45 a.m.—Babs' Trio.
11:00 to 11:15 a.m.—Babs' Trio.
7:00 to 7:45 p.m.—Studio program.
7:45 to 8:00 p.m.—Book Reviews by Gertrude Andrus.
8:00 to 9:00 p.m.—Violin, 'cello, piano trio, sponsored by Woodlawn Flower Shop.
9:00 to 10:00 p.m.—Studio program.

Free Demonstration in Your Home. Phone WEstmore 2712

Statistics Do Not Lie

when our records show that 70% of our NEW CUSTOMERS have spent on useless experiments on their radio equipment more than four times what we charge them for scientific diagnosis and conscientious repairs or rebuilding, and in most cases these costs would have been less were it not for damage done to the equipment by the previous destructive “TINKERING.”

EXPERIENCE, KNOWLEDGE AND EQUIPMENT

The BROWN straight and PUSH PULL audio transformers and tapped output transformers combine more weight with a higher degree of scientific design and high-priced materials than are to be found any place else in the WORLD. This is some territory, we appreciate, but we are ready to prove it and can refer to those who demand the best and ARE USING THE BROWN.

We are prepared to undertake the construction of any scientific equipment from a gigantic broadcast station to a MICROAMMETER. Special resistance, alloy and thermocouple wires, magnetic steels and everything else of the best.

Technical Laboratory of N. E. Brown

THornwall 0270

6805 So. Western Ave., Los Angeles
Seattle, Washington—980 Kc.

KOMO

FISHER'S BLEND STATION
METROPOLITAN CENTER, SEATTLE

DAILY EXCEPT SUNDAY—
10:00 a.m.—Seattle Council of Churches, Inspirational Services.
10:15 a.m.—S. M. C. A. Health Exercises.
10:30 a.m.—“What to prepare for Dinner,” by Prudence Penny.
10:45 a.m.—Varied program.
12:15 p.m.—Grain report.
12:30 p.m.—U. S. Weather report.
5:00 to 5:15 p.m.—Silent period.
5:15 p.m.—Kiddies’ program.
5:45 p.m.—Stock and Bond quotations.
6:00 p.m.—News Flashes and Sports.
6:15 p.m.—Totem Concert Orchestra.
7:07 p.m.—A. S. Weather Bureau report.
9:00 p.m.—Longines Time Signals through N. B. C.

WEEK COMMENCING SUNDAY, OCTOBER 30, 1927

SUNDAY, OCTOBER 30
10:00 a.m.—International Bible Students’ Association.
11:00 a.m.—Plymouth Congregational Church.
2:00 p.m.—Studio program under the auspices of the Everson Tabernacle.
5:30 p.m.—Croswell Moscow Art Orchestra.
7:00 p.m.—International Bible Students’ Association.
8:00 p.m.—First Church of Christ, Scientist.
9:00 p.m.—N. B. C.
9:00 p.m.—N. B. C.

MONDAY, OCTOBER 31
12:30 p.m.—Varied program.
1:30 p.m.—Totem Concert Orchestra and Totem Soloists.
4:45 p.m.—U. S. Dept. of Agriculture Farm School.
8:00 p.m.—N. B. C.
9:00 p.m.—N. B. C.
9:00 p.m.—Totem Concert Orchestra and Totem Soloists.
10:30 p.m.—Late News Flashes.
10:45 p.m.—Varied program.
11:00 p.m.—Herb Wiedoeft and his Recording Orchestra.

TUESDAY, NOVEMBER 1
12:30 p.m.—Totem Concert Orchestra and Totem Soloists.
8:00 p.m.—Totem Concert Orchestra and Soloists.
8:15 p.m.—“A Fifteen Minute Period Practicing the King’s English.”
9:00 p.m.—N. B. C.
9:00 p.m.—N. B. C.
10:00 p.m.—N. B. C. program.
11:15 p.m.—Olympic Hotel Venetian Room Orchestra.

WEDNESDAY, NOVEMBER 2
12:30 p.m.—Varied program.
1:15 p.m.—Totem Concert Orchestra and Totem Soloists.
4:45 p.m.—U. S. Dept. of Agriculture Farm School.
8:00 p.m.—Totem Concert Orchestra.
9:00 p.m.—N. B. C.
10:00 p.m.—Varied program.

THURSDAY, NOVEMBER 3
12:15 p.m.—Grain Report.
12:30 p.m.—Totem Concert Orchestra and Totem Soloists.
7:00 p.m.—Totem Concert Orchestra.
8:00 p.m.—Talk by member of Pacific-Northwest Products Committee.
8:10 p.m.—Totem Concert Orchestra.
8:30 p.m.—Orientalogue.
9:00 p.m.—N. B. C.
10:00 p.m.—Piano Recital.
11:00 p.m.—Herb Wiedoeft and his Recording Orchestra.

FRIDAY, NOVEMBER 4
12:00 noon—U. S. Dept. of Agriculture Farm Flashes.
12:15 p.m.—Grain Report.
12:30 p.m.—Totem Concert Orchestra and Totem Soloists.
7:45 p.m.—Ask Me Another.
8:00 p.m.—Superior Service Dance Orch.
9:00 p.m.—N. B. C. program.
10:00 p.m.—Varied program.

SATURDAY, NOVEMBER 5
12:10 p.m.—U. S. Dept. of Agriculture Farm News Digest.
12:15 p.m.—Grain Report.
12:30 p.m.—Totem Concert Orchestra and Totem Soloists.
2:00 p.m.—Broadcast of Football Game.
6:15 p.m.—Totem Concert Orchestra and Totem Soloists.
6:45 p.m.—“A Fifteen Minute Period Practicing the King’s English.”
7:00 p.m.—Totem Concert Orchestra.
8:00 p.m.—N. B. C. program.
10:00 p.m.—Varied program.
10:45 p.m.—Olympic Hotel Venetian Room Orchestra.

Western Electric
Speakers — Amplifiers
Childs’ Lab., 2310 So. Union
RADIO KFWO

250 WATTS — 299.8 METERS (1000 Kilocycles)
Official Broadcasting Station, American Legion, Department of California

Avalon, Santa Catalina Island, California.
October 14, 1927.

To Radio Doings’ Editor,
407 East Pico Street,
Los Angeles, California.

Dear Editor:

In tenderly-devoted tribute to one of the most splendid men that I ever knew—the late Colonel John F. Dillon, of the Federal Radio Commission, at Washington, and formerly Radio Supervisor of the Sixth District, do I reverently set down the last lines to his memory. First and foremost an officer and a gentleman, the great friend of all of us in the world of radio—the amateur, the broadcaster and the broadcast listener—John Dillon, by his inherent love for humanity, by his innate love of justice and by his dear-kindly ways, has endeared himself in the hearts of countless thousands. It was so written on the Scrolls that I should be very intimate with him during the past seven years. Very often has he been an honored guest at my home on the Sunshine Island of Catalina. For these reasons I, perhaps, knew him better than almost any one else—outside of his own family, of course. And, blow weather fair or foul, he was always the same—never perturbed—never harsh—never unkind—always inexorably just. Always had he, and in plenty, the soothing oil of kindness, where there was a clash in interests, or when discussions threatened to become acrimonious in character.

In the early days of radio, as Chief of this District, the Colonel had no easy row to hoe! But through it all he brought his District up to a high state of perfection—so high that Commissioner-of-Navigation, D. B. Carson—who was then in charge of radio affairs at Washington, said to me . . . “Dillon is a marvel! He is the only District where there are not eternal rows of some sort going on!”

That he was whole-heartedly and enthusiastically urged on the President, as one of the New Radio Commission, speaks—in itself—for the manner in which we, of the Pacific Coast, looked upon him. And when I was in Washington last July, just after Colonel Dillon had to be brought West because of his health, Admiral Bullard and the other members of the Commission expressed the deepest and most affectionate interest in him and for him.

And so . . . . the Doors of the Great Mystery have opened—and John Dillon has passed through them—passed through the fleeting instant of the Vast Dark . . . . in to the Glorious Light that endures forever!

I like not to think of him as “dead”—for there is NO SUCH THING! Rather am I thinking of him, as I write, as having merely . . . . gone Upstairs for a little while —and shut the door.

But while memory is—and no matter to what marvels the science and art of radio attains . . . . ever shall there be, fresh and sweetly fragrant in the minds of them that knew him—the most tender thoughts of Colonel John F. Dillon—officer and gentleman.

Sincerely,

Signed LAWRENCE MOTT,
Major, U.S.A. Signal Corps.
Stewart-Warner Uses RCA Features

Announcement has just been received by Ungar & Watson, Inc., 1366 South Figueroa Street, wholesale distributors of Stewart-Warner Matched Unit Radio, that the Stewart-Warner Corporation has made arrangements with the Radio Corporation of America and affiliated patent owners that will permit the use, in Stewart-Warner receivers, reproducers and tubes, of any features covered by RCA patents that may prove acceptable to Stewart-Warner engineers.

This will not, according to the Stewart-Warner representatives, mean that Stewart-Warner's exclusive features that are incorporated in present receivers are to be replaced by units of other design. It makes possible, however, the use of materials covered by RCA patents, and these, together with exclusive Stewart-Warner developments, may now be incorporated in radio units of Stewart-Warner manufacture.

DX Club
(Continued from Page 24)

FORD RADIATOR BRINGS 'EM IN

Inglewood, Calif.,
402 Brett,
Sept. 29, 1927.

DX Club:
I am using a 5-tube Radiola 20, Philco AB socket power, 50-ft vertical aerial, Ford Radiator ground. Results: Sept. 15 to 26. CNRV, KOB, KJH at Shreveport, WBAP, WFBA, CFCT, WKSC, CFDC. Sept. 27 tuned in KDKA. pretty good besides all the coast stations. May 20, KFKKX. Let us hear more Radiola 20 logs. Come on, hounds, let’s have some competition.

Yours for success,
RAY SKAGGS.

FOR QUICK SERVICE CALL:
HOLTECH
(Hollywood Technical)
RADIO COMPANY
S-M and Magnaformer
4709 Santa Monica Boulevard
(At Vermont) OLYMPIA 0102

H. A. Fletcher Opens Downtown Store

H. A. Fletcher of Los Angeles is one of the pioneer radio men of the Pacific Coast. Back in 1919 he was President of Radio Equipment, Inc., of San Francisco, which organization built and marketed the “Reco” Audion Receiver, one of the first sets using vacuum tubes.

Transferring his activities to the “Sunny Southland,” Mr. Fletcher has for the past four years conducted a retail radio business at 4705 South Vermont avenue, Los Angeles. His lines are Radiola, Bosch and Atwater Kent. By sound merchandising, the Fletcher Radio Music Company has built up an enviable reputation, spreading from the Southwest to all sections of the city.

To better accommodate his customers, Mr. Fletcher is opening on Saturday, October 29, a downtown store at 228 West Ninth street, in the new May Co. Garage building, a location which should be ideal for all radio shoppers.
**Timely Trade Topics**

Wm. McCabe, better known to the trade as "Mack," has opened a new wholesale radio store at 1129 Maple avenue, a very handy location in the wholesale radio district, and is carrying a full line of nationally advertised radio products. An announcement of his opening appears in this issue.

"Mack" needs no introduction to the trade, as he has been active in the business for several years. He was previously with Western Radio, Inc.; C. W. Smith Company and C. C. Lawton Company, and has lived in California since 1920. Before coming here, Mack was the owner of a large automotive service business in Boston.

The Metropolitan Radio Supply Company, 134 West Seventh street, Los Angeles, will hold their formal opening on Tuesday, November 1. They will feature Kolster and Stewart-Warner sets, and will carry a very complete line of accessories.

The Metropolitan will specialize, outside of sets, in electrifying older designs of sets by handling eliminators and power packs.

The store is centrally located and, in appearance, is one of the most attractive in town. Mr. Seagar, the owner, is an experienced radio technician and is well equipped to render expert service to the public. Their telephone number is TUcker 6975.

All members of the Radio Trades Association of Southern California are to be the guests of the famous Breakfast Club on Thursday, November 3. Don't forget the time, which is 8 a.m. Each member will be entitled to one ticket. Additional tickets for friends and associates can be had by paying $1.50 per.

You can reach the Breakfast Club, which is located at 3213 Riverside Drive, by driving half a block south of the entrance to Griffith Park at the bottom of Los Feliz boulevard.

The Goslico Radio Products Company of Huntington Park, Calif., manufacturers of Goslico wire, due to their increase in business, are enlarging their plant, so as to enable them to more promptly take care of their many orders. Mr. Jackson, owner and inventor of the Goslico process of treating wire, reports having received orders from all parts of the United States and Canada, and is now conducting tests with the U. S. Navy Department for use of this wire in their service.
Of even more importance than the discussion of radio sets themselves among radio fans is the interest being shown in the development of electric light socket power for the operation of radio sets.

This is the news brought back to Los Angeles this week by William J. Goebel, Vice-President of the Precision Electric Manufacturing Corporation. Goebel has just returned from a trip covering the entire Pacific Coast territory in the interest of his company, and from every quarter reports radio activity among dealers and jobbers far greater than at any time during the past four years.

The Precision Electric Manufacturing Corporation, with headquarters in Los Angeles, are manufacturers of the Pemco "A" and "B" socket power unit, which is the new type of radio power device that is so rapidly replacing the use of "A" and "B" batteries in radio operation.

"Because the Pemco enables the radio set operator to enjoy the fullest power value and tone value from his set at all times, and is permanently relieved from the expense and bother of having batteries to either recharge or replace, he is rapidly turning to this new form of power operation," says Goebel. "Not only are thousands of new radio sets that are now being sold being equipped with the Pemco unit, but many hundreds of older dyed-in-the-wool radio fans are throwing away their old batteries and equipping with the Pemco also."

The idea of operating your radio set from the electric light socket power, the same as you would operate the electric talking machine or any other electric appliance, first came into prominence about three years ago, but it was not until the present year that refinements of the new Pemco were worked out by the Precision Electric engineers and the "A" and "B" socket power unit was brought to its highest point of efficiency.

The Reiman Wholesale Electric Company, distributors for the Bremer-Tully Counterphase line of receivers, have en route another large shipment of the Bremer-Tully all AC operated sets. These sets are strictly AC operated, using no wet or dry batteries and are operated direct from the light socket.

After hanging fire in Washington for a period of thirteen months, the papers covering patent rights on the electrical phonograph pick-up have finally been issued to the originators of the system, the Electric-tone Corp., of Los Angeles.

This instrument, referred to by the editor of Popular Radio in his July editorial as the "most significant invention of the 1928 season," is probably familiar to Radio Doings readers by this time, as several types have been on the market for the past year. Briefly it consists of an electro-magnetic reproducer which replaces the old type mica diaphragm reproducer, a volume control unit and a plug manufactured like the base of a radio tube. This plug makes it possible to utilize the amplifier of the radio set without "cutting adrift" any of the wires in the set, as would ordinarily be the case. As the needle vibrates a small iron plate between the two poles of the magnet a minute alternating current is set up in the coils and transmitted to the amplifier tubes of the radio set, thence to the loudspeaker, the results obtained are equal in quality, volume and smoothness of volume control to those of the best of modern electrical machines, some of which cost as much as $1000, none selling for less than $350.
Modernize Your Set
by Using a
POWERIZER

Price $62.50
Without Tube

MARVELOUS TONE

1st. Powerizer being a Power Amplifier is the only complete socket Power Device which concerns itself with Tone—startling realism of reproduction with marvelous tone delivery—the only reason at all for having a radio set!

SIMPLICITY

2nd. Powerizer also furnishes all A-B-C for itself and your set without storage batteries, liquid rectifier or uncertain pastes. This insures the utmost dependability and simplicity!

PERMANENT DESIGN

3rd. Powerizer applies alternating current directly to the tubes of the set and its own tubes. This is what engineers have been striving for years to attain and insures an investment that is lasting.

Herbert H. Horn
Wholesale Distributor
1629 So. Hill St. Los Angeles
WEstmore 1713 — 1543
All-American Radio is made for battery, power unit or complete electrical operation. A wide choice of models. Priced from $75 to $240

Write for booklet B-93

You've known it would come the New

All-American
Franchise Dealers

HOLLYWOOD
Hansen Radio
7575 Sunset Blvd.

Hollywood Electric
6636 Hollywood Blvd.

RIVERSIDE
H. R. Wilson
846 Walnut

LONG BEACH
Cobler Radio Shoppe
216 Pine Avenue

LYNWOOD
Wylie Electric Co.
11423 Long Beach Blvd.

LOS ANGELES
Anderson Radio
9114½ South Vermont

SANTA MONICA
J. C. Suits
625 Wilshire Blvd.

WHITTIER
K. D. Miller
218 South Greenleaf Ave.

Southern California Distributor

HERBERT H. HORN
1629 S. Hill St. Los Angeles WE. 1713 — 1543

OCEAN PARK
Pier Avenue Radio
142 Pier Avenue

PASADENA
Ries Radio Service
975 E. Coronado
BOSCH
"LITTLE SIX"

$68.50
(Less Accessories)

Six tube, single dial control, beautiful tone, selective, with plenty of volume.

THE SEASON'S OUTSTANDING RADIO VALUE

On Display at All Authorized Bosch Dealers

Other Bosch Models up to $340

Yale Radio Electric Co.

Exclusive Wholesale Distributors

1111 Wall Street    LOS ANGELES    WESTmore 3351