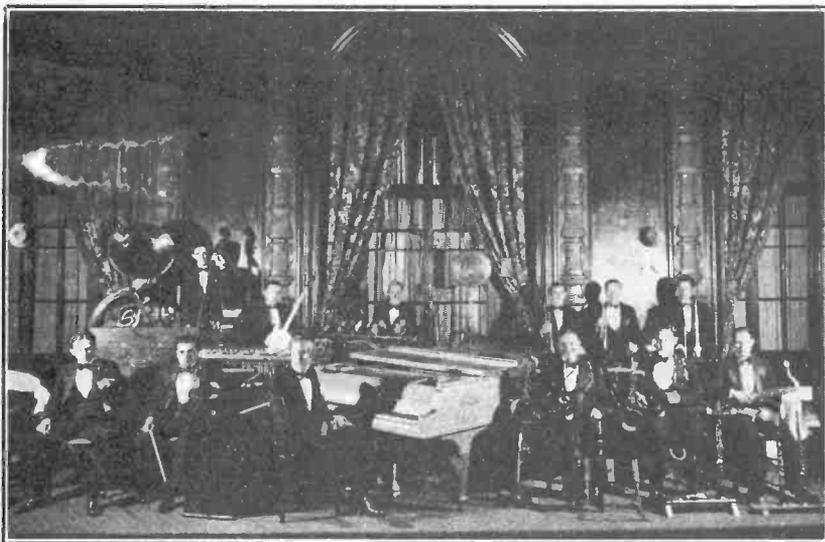


RADIO DOINGS

RED BOOK OF RADIO

10¢
WEEKLY

*The Radio Authority
of the
Pacific Coast*



Earl Burtnett's Biltmore-Radiola Orchestra — KNX Nightly

NSE

Vol. XI

NOVEMBER 6-12, 1927

No. 19



RCA RADIOLA 16
Less accessories
\$69.50
With Radiotrons
\$82.75

LOS ANGELES

Downtown

Eastman Kodak Stores,
Inc.

510 S. Broadway
TRinity 0746

The Electrical Appli-
ance Shop

336 S. Broadway
TUcker 2932

Electric Lighting &
Supply Co.

216 W. Third St.
MUtual 2335

Martin Music Co.

734 S. Hill St.
TRinity 9621



RCA RADIOLA 30-A
Complete with
Radiotrons
\$495

This Is a Great

With the new models of RCA Receivers and Loudspeakers offered to the radio public this season of 1927-28, plus the "Old Reliable" Models, the Radio Corporation of America feels more secure than ever in its position of pre-eminence in the Radio World.

Every possible type and price of set can now be found in the Radiola line, and each has been

Pan-American Union
Trading Co.
Union Insurance Bldg.
1012 West Sixth St.
MUtual 3803

Richardson's
730 West Seventh St.
TRinity 2303

Echo Park

Mohawk Radio & Music
Company
2115-17 Sunset Blvd.
DRexel 1112

Highland Park

F. & H. Radio Shop
5011 York Blvd.
GARfield 8962
Holland Electric Shop
5632 Pasadena Ave.
GARfield 3912

Hollenbeck Heights

Worobieff Music Shop
2038 East First St.
ANgelus 6349

Hollywood

Craig Radio Service
7022 Melrose
WHitney 7312
Granada Music Shoppe
7551 Sunset Blvd.
HEmpstead 3728

Hollywood Music Co.
6019 Hollywood Blvd.
HOLLYwood 0364

Lincoln Heights

Frank Graves Sash,
Door & Mill Co.
2012 Pasadena Ave.
CApitol 2071

South

De Hoog Brothers
6120 S. Broadway
THooswall 0224

Southwest

C & G Elec. & Radio
Company
1501 W. Santa Barbara
VERmont 5205
L. A. Duncan
2891 W. Pico St.
EMpire 1141

Southeast

Central Electric Co.
3802 Central Ave.
HUmbolt 2337

West Adams District

C. R. Parker
2533 South Hill St.
WEStmore 5375

Consult These Men, Too, for Service on All Radiola Models

RCA Radiola

MADE BY THE MAKERS OF THE RADIOTRON

Radiola Year

developed and perfected by RCA, Westinghouse and General Electric engineers. Technical and musical perfection, however, would not suffice to keep RCA at the top, without the personal service rendered by Authorized RCA Dealers. On these pages are just a few of the Southern California dealers who will be pleased to demonstrate Radiola for you in your own home:

H. H. Walker
1323 Venice Blvd.
BEacon 1311

Wilshire

E. A. Bowen Music Co.
5326 Wilshire Blvd.
OREgon 5206

Forum Music Co.
1275 South Norton
EMpire 6461

**Pan-American Union
Trading Co.**
3703 West Third St.
WASHington 6310

Wilshire Music Co., Inc.
605 South Western Ave.
WASHington 8873

Wolfe Radio Co.
543 South Western Ave.
WASHington 5711

ALHAMBRA

**Fred B. Gillenwater
Radio Studio**
127 W. Main St.
Alhambra 2032

COMPTON

Compton Music Co.
174 East Main St.
Compton 1336

EL MONTE

Wier Coast Radio
(Formerly Coast Radio)
308 West Main St
El Monte 110

FULLERTON

J. J. Farley Electric Co.
310 North Spadra
Fullerton 404

NORTH HOLLYWOOD

**North Hollywood Music
Company**
Langlands & Schade
5317 Lankershim Blvd.
Lankershim 174

PASADENA

Lee Radio Shop
922 E. Colorado St.
Wakefield 5951
The McNally Co.
106 W. Colorado St.
Terrace 0547

The Radio Store
560 East Colorado
Terrace 3281

SOUTH PASADENA

The Radio Electric
1165 Fair Oaks
Colorado 6574



RCA RADIOLA 17
Less accessories . \$130.00
With Radiotrons . \$157.50

POMONA

Harrison Fitch Elec. Co.
383 West Second St.
Pomona 1250

SAN PEDRO

Pacific Music Co.
262 West Sixth St.
San Pedro 3512

VENICE

Venice Radio Shop
1227 Washington Blvd.
Santa Monica 63544

WATTS

Thos. J. Stevens & Son
1668 E. 103rd St.
DElaware 6824

WHITTIER

F. B. Gillett
110 South Greenleaf
Whittier 425-291



RCA RADIOLA 32
Complete with
Radiotrons
\$895

Tune in KNX Nightly for Burnett's RCA Orchestra

RCA Radiola

MADE BY THE MAKERS OF THE RADIOTRON

Stop That Howl!



Listen to the clear reception we broadcast every
Wednesday at 6:30 P. M. over KNX.

Put in your stock now to take care of the holiday
rush.

Stock Carried for Jobbers by

HENGER-SELTZER CO.

Factory Representatives:

LOS ANGELES
711 E. 14th Street
Westmore 5258

SAN FRANCISCO
377 Brannan Street
Sutter 3461

Radio Doings

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

New York Office
J. W. HASTIE
155 East 42nd St.
Vanderbilt 4661

407 E. Pico St., Los Angeles, Cal.
Phone WESTmore 1401

San Francisco Office
CONGER & MOODY
Sharon Building
Kearney 8483

"The Red Book of Radio"

CLOYD MARSHALL, JR.
Editor

GEORGE W. MARSHALL
Business Manager

K. G. ORMISTON
Technical Editor

MAJ. LAWRENCE MOTT
Associate Editor

H. C. CHARLES

Special Representatives
J. S. MILLER

H. G. DAVIS

(Entered as second-class matter, No. 25, 1922, Los Angeles, Cal., Post Office, under Act of March 3, 1897.)
Copyright, 1926, by Horwood Publishing Co.
Issued Weekly. Ten Cents a Copy, Three Dollars a Year. Canada and Foreign Countries, \$3.50 per Year.

Vol. XI Los Angeles NOVEMBER 5, 1927 San Francisco No. 19

IN THIS ISSUE

	PAGE
R. M. A. Battles Home-made Static	12
Your Page—Letters from Readers	14
Melo-Heald Hot Spot Fourteen	19-20
Karas Two-Dial Equamatic Receiver	22
Questions and Answers	25
DX Club	29
KFWO Rebroadcast by Magnaformer 9-8	31
Studio News	34
Numbering the Channels	37
Channel Frequency Listing of Stations	39
Schedule of DX Stations	40
Time Tables	41-47
Detailed Programs	50-89
Timely Trade Topics	94

NON-SUBSCRIBERS NOTICE

This offer has only two more weeks to run!

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 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. It looks as though we will have to put in another order for binders, which will cause some delay. Send in your subscription now and avoid any possibility of waiting!

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.....

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

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

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

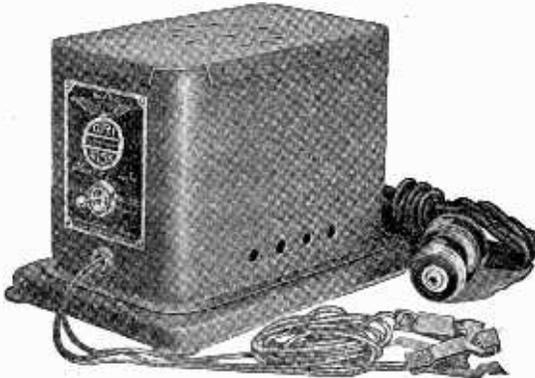
EAGLE

Dri-Disk Trickle Charger BONE DRY

Satisfaction Guaranteed

N
O

T
U
B
E
S



N
O

A
C
I
D
S

\$15.00

One-half ampere trickle rate, 1¼ ampere high rate.

Absolutely quiet and cool in operation. Can be left on battery continuously or used intermittently.



C. C. LAWTON CO.

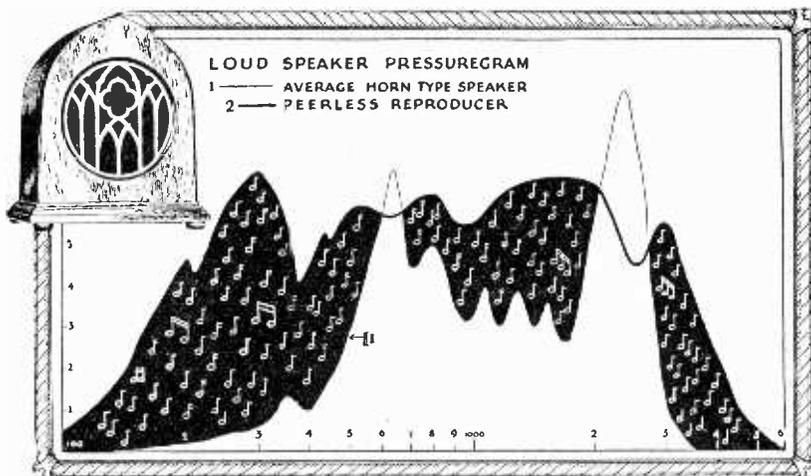
WEstmore 3960

LOS ANGELES, CAL.

1125 Wall St.

Factory Representative

C. W. SMITH CO., 505 Allied Crafts Bldg., 407 E. Pico. WEstmore 8889



Once You Hear the New

Peerless Reproducer

No Other Loud Speaker Will Satisfy You

No other radio loud speaker has met with such public acceptance as *Peerless*. In California and throughout America *Peerless* is taking the very front rank in speaker sales—Kierulff & Ravenscroft are bringing them out by the carload to meet this demand.

A new principle eliminates the "dead spots" from the *Peerless* tympanum—and the result is marvelous reproductive efficiency at practically all audible frequency cycles.

The chart above shows how *Peerless* performance compares with old-type speakers. The shaded area shows you what you miss without a *Peerless* Reproducer and what you gain with it.

Once you hear the *Peerless* no other radio speaker will ever satisfy your ear. A comparative demonstration will convince you.

Sold by the Best Radio Dealers Everywhere

Wholesale
Distributors

KIERULFF & RAVENSCROFT
RADIO EQUIPMENT

Wholesale
Distributors

1630-32 S. Los Angeles St.
LOS ANGELES

121-131 Ninth Street
SAN FRANCISCO

ZENITH

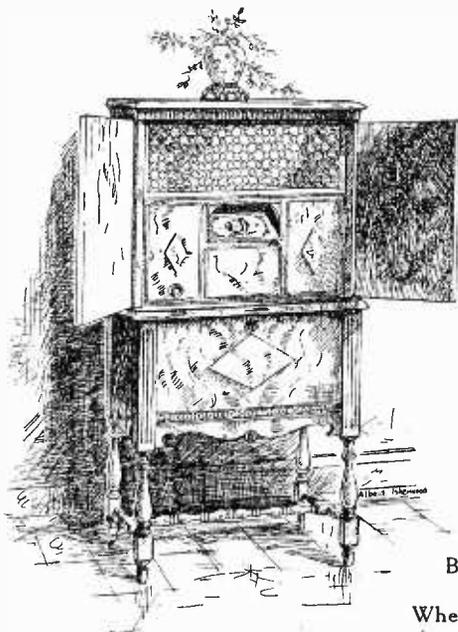
TRADE MARK REG.

→ LONG DISTANCE ←

TRADE MARK REG.

RADIO

*Have You Compared Any
Other Sets with Zenith for:*



Model 14-E Shown Above—AC Electric
Operation

\$307.00

**Quality and Quantity
of Tone**

Selectivity

(This is Important If You
Like Distance)

Ease of Operation

No Special Skill—Anyone
Can Tune a Zenith

Appearance

All Beautiful Cabinets—
Period Models

**Better Do This NOW and Be
Convinced.**

Whether Battery or "AC" opera-
tion (they may be had either way),
ZENITH will give you MORE real
Radio Satisfaction.

Call your nearest ZENITH Dealer
for a demonstration.

CHANSLOR & LYON

Pacific Coast Distributors

for Zenith Radio and R.C.A. Tubes

LOS ANGELES

FRESNO

SAN FRANCISCO
TACOMA SEATTLE

OAKLAND

PORTLAND

If You Want to Compare



With "ordinary" radio, just call up or visit one of these "Honor Roll" Dealers and arrange for a free demonstration of ZENITH in your own home:

In DOWNTOWN L. A. See:

Birkel Music Co.
446 South Broadway
VAndike 1241

In DOWNTOWN L. A. See:

Martin Music Co.
734 South Hill Street
TRinity 9621

In HOLLYWOOD See:

Zenith Radio Agency
(F. Clay McConnell)
1242 Vine Street
HEmpstead 2504

In WILSHIRE See:

Thomas Radio Co.
3610 West Sixth Street
WAShington 2760

In ALHAMBRA See:

Fred B. Gillenwater Radio Studio
127 West Main Street
ALhambra 2032

In SOUTHERN L. A. See:

Los Angeles Music Co.
4410 South Broadway
AXridge 5479—Open Nights

In OCEAN PARK See:

Ocean Park Radio Service
(J. C. Williams)
177 Pier Avenue
Santa Monica 624-23

In SAN PEDRO See:

Zenith Radio Store
(Jack Moskovita)
462 Sixth Street
San Pedro 519

In TORRANCE See:

DeBra Radio Co.
Carson, Cor. Cravens
Torrance 73-J

In SANTA ANA See:

Robert S. Gerwing
312 Broadway
Santa Ana 475-J

In PASADENA See:

Radio Doc
1581 East Walnut Street
ColoradO 1671

"The Quality Goes In Before the Name Goes On"

R. M. A. Battles Static-Home-Brewers' Guild

Means for the production of static, hitherto an unclassified art, are discussed in a manual released for public distribution by the Radio Manufacturers' Association. The Static-Home-Brewers' Guild, successful as it has been in the propagation of weird noise for the benefit of broadcasting, has up to this point been dependent solely on impulse. The R. M. A. booklet explains in detail what may be done with ordinary materials and a little application. It is shown that once a man has real engineering knowledge behind him and a few good leaks in his household electrical appliances he can put radio out of business in large and enthusiastic communities.

True, part of the book is given over to a discussion of what may be done to avoid the usual electrical rackets. But this phase of the work seems inconsiderable when one realizes the handicaps under which the concert ruiners have been working almost since the radio installment man replaced the vacuum cleaner installment man in the scheme of American civilization.

The manual was prepared after a survey, covering the entire United States, and a classification of all the little items that conspire to make radio hard on the ears. It was discovered that atmospheric static, long damned as the worst trial in broadcast reception, is actually a small factor in noise production, especially in large cities. In communities where populations are dense and the use of household appliances widespread, sparking leaks often so small as to be

unsuspected were shown to take the lead as crackle propagators. And it was found that the harm resulting from such leaks was virtually incalculable because of the antenna effect of power lines leading from the source of the disturbance.

The power line transformer, so largely credited with responsibility for radio ills, was given a clean bill of health in the survey. R. M. A. engineers in their reports pointed out that power line companies were as much interested in the discovery of defective transformers as were radio listeners, inasmuch as a leak which is only an annoyance to a broadcast fan represents a tangible loss in electricity at a price per kilowatt to the producing company.

One of the notable conclusions set forth in the manual compiled from the reports of the survey is that the connection of small condensers and chokes across the source of interference is an effective and instant cure. In 99 out of 100 cases these remedies may be applied at low costs and without experience in electrical engineering.

In all cases the trouble—so far as radio reception is concerned—results from the propagation of high frequency emanations which, in some manner, are picked up by R. F. amplifiers. Hence the cure is to supply a by-pass for such currents to sidetrack them before they get out far enough to do damage.

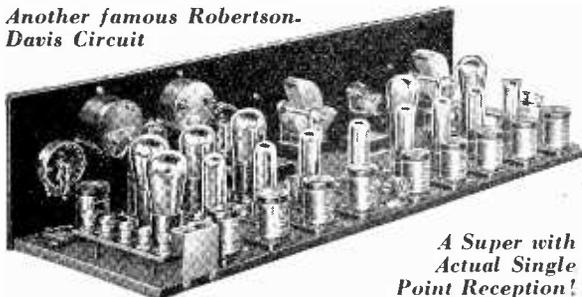
Note:—The book may be obtained complete from Radio Manufacturers' Association, 32 West Randolph street, Chicago, Ill., at a cost of twenty-five cents.



Free Demonstration in Your Home. Phone WEstmore 2712

Hartley and HOT SPOT FOURTEEN Win World's International Championship

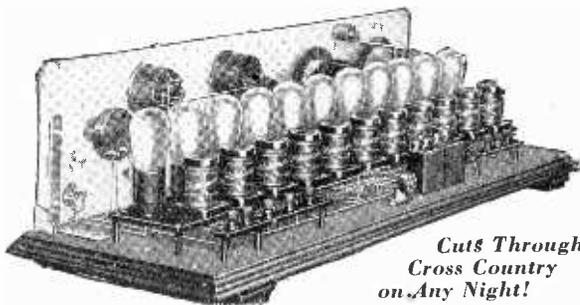
Another famous Robertson-Davis Circuit



A Super with Actual Single Point Reception!

The same mixing system is used in the HOT SPOT Fourteen that made the Melo-Heald Eleven famous. Each Intermediate Transformer is designed specifically for its position. Only one oscillator setting necessary for each station—real single point reception.

The Famous Robertson-Davis HOT SPOT Fourteen and MELO-HEALD Eleven Circuits are successful because of the unique audio frequency transformers, Certified Meloformers, and the specific radio frequency transformers, Certified Melocouplers, used in their construction. Particular radio fans throughout the world use and endorse these efficient receivers for distance, efficiency, economy of operating and tone quality.



Cuts Through Cross Country on Any Night!

Detailed plans and illustrations for construction of the HOT SPOT Fourteen, illustrated at top, and the MELO-HEALD Eleven, illustrated below it, will be sent FREE to all who fill in and mail the coupon below. Do it today!

Or See Your Dealer or Jobber!

ROBERTSON-DAVIS COMPANY, INC.

(Engineers and Manufacturers of Electrical Windings)
Dept. RD-10

412 ORLEANS ST.

CHICAGO, U. S. A.

District Representative:

LOMBARD J. SMITH COMPANY
324 North San Pedro St.
LOS ANGELES - CALIF.

Robertson-Davis Company, Inc. 412 Orleans St. Chicago, U. S. A.

Gentlemen:—Without charge or obligation, please send me Plans and Specifications for construction of your receivers. Also, send further particulars regarding Certified Meloformers and Melocouplers manufactured by you, and used by Mr. Heald in designing the HOT SPOT Fourteen and MELO-HEALD Eleven. (Check Receiver Interested In.)

I am Interested in The Famous HOT SPOT Fourteen . . .
I am Interested in The Famous MELO-HEALD Eleven . . .

NAME AND ADDRESS.....

CITY.....

(Print or Write Clearly)

RD-10

Your Page

SILENT NIGHT AND BETTER PROGRAMS

Editor, Radio Doings,
Los Angeles, Calif.

Dear Sir:

I have just finished reading a letter in the Oct. 29th issue wherein your correspondent gives favorable comment to KFI, which is well-deserved, and I, also, say it is a well-balanced broadcaster. But I think there are two other local stations deserving as much commendation as KFI in that respect. However, I am sorry to say that commendations almost cease at that point, because the programs radiating from the studios of so many of our stations deserve plenty of criticism and very little applause. My personal opinion is that all of the stations are, with one or two exceptions, giving too many hours of broadcasting per day, with the unhappy result that there is not enough good talent available for the required amount of entertainment. Consequently, we have too many records, too many wailing blues singers, too many moaning uke artists and too much fill-in by studio staff. I would respectfully submit a couple of suggestions to our broadcasters, which I am sure will be to their best interests in the future.

First—That we have one silent night each week; no Southern California station to even whisper after 6:30 on that night.

Second—If the available good talent is sufficient for only five hours' broadcasting, then for heaven's sake, cut out the other six or eight hours at present being shunned by receptionists.

My idea is to cut the clothes to fit the man and not make a scarecrow of the man by stuffing his clothes full of straw. What say—do I get a hearing?

Yours sincerely,
C. H. SUNDQUIST,
318 El Bonito Avenue,
Glendale, Calif.

WANTS SILENT HALF-HOUR

October 19, 1927.

Editor, "Radio Doings,"
Los Angeles, Calif.

Dear Sir:

Your great publication is, I am very glad to see, devoting a not insignificant amount of space to the subject of "DX," and I am sure I echo the wishes of many of your readers when expressing the hope that you will continue to do so for at least the coming winter months.

Like many others, I am one of the so-called "distance hounds," and while unashamed of my list of stations, am not of the correspondence type, as a rule. My departure from the usual role on the present occasion is to make a suggestion, which will, in my opinion, merit your favorable consideration and action and will add to the pleasure of "DX" readers.

Will you not devote your efforts toward a silent half-hour every evening on the part of all Southern California stations? San Francisco stations (practically all) have followed such a program for years, an dmy record of distant receptions there is far superior to what has been accomplished since residing in Los Angeles. So long as we have a more pleasant city for living conditions why not make it a more pleasant one for devotees of so popular a type of entertainment as the radio and its child, "DX"? Since S. F. silent period is 7:30 to 8, why not give thought to L. A. being silent 7 to 7:30? This will permit owners of smaller sets to hear S. F. stations for perhaps the first time in their homes and will, I believe, give an impetus to radio in general in this part of the state.

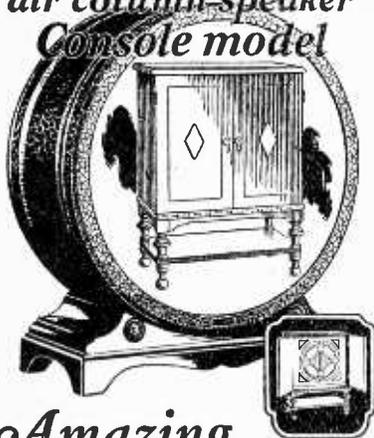
If local broadcasters are sincere in their statements that they desire to please the owners of receivers (and I believe they are), here is the way to confirm it.

Permit me to add that your book is essential to my radio enjoyment.

Your very truly,
A READER.
(Continued on Page 90)

The TEMPLE

air column-speaker
Console model



Amazing Tone Quality— Distinctive Beauty

The TEMPLE Console Model is an instrument deserving a place in every home with a radio. Its graceful lines and its marvelous tone quality have won thousands of radio fans. Because it is built on the air column principle, the entire musical scale is reproduced with a clarity that always arouses surprise and admiration. Your nearest dealer will gladly give you a demonstration on a TEMPLE COMPARTOR—the test which proves the best in speakers every time! You'll want a TEMPLE SPEAKER instantly!

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

TEMPLE, INC., 213 S. Peoria St., Chicago

Distributors

HERBERT H. HORN
1629 S. Hill St., Los Angeles

KIERULFF & RAVENS-CROFT

1630-32 S. Los Angeles St. Los Angeles



a
complete
line of

A-C TUBES

By DAVEN

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.
1½ volt—1.05 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.
1½ volt—1.05 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. The AC-10 is a real power tube operating on 400 volts. 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.

Popular Downtown Store

The Schwabacher-Frey Stationery Co., located at 736 S. Broadway, Los Angeles, now occupies one of the most pretentious and attractive store rooms in Southern California. Since moving to their present location, August, 1926, they have, under the leadership of Mr. W. F. Johnston, Vice President and General Manager, attained a most enviable posi-

"Downtown Radio Headquarters," handling such popular lines as Radiola, Mohawk and Kolster receivers. The accompanying photograph shows a portion of the display and reception room of the Radio Department on the mezzanine floor. The lady seated on the left is that popular movie star, Miss Sally Phipps, who is being persuaded by Mr.



tion. Mr. Johnston has gathered about him as heads of his various departments, only those who are specialists in their respective lines. Since moving to their new store on South Broadway, they have installed a most up-to-date Radio Department, under the management of Wilbur W. Longfellow, and while this department is practically a new one, it has become known as the

Franklin Pangborne, to place her order "now" for the beautiful console Mr. Longfellow (standing in centre), has demonstrated to her.

This company has just recently been appointed authorized dealers for the Mohawk line of radio receiving sets, distributed in California by Listenwalter & Gough, Inc., and they report extraordinary interest being shown in this particular line.

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

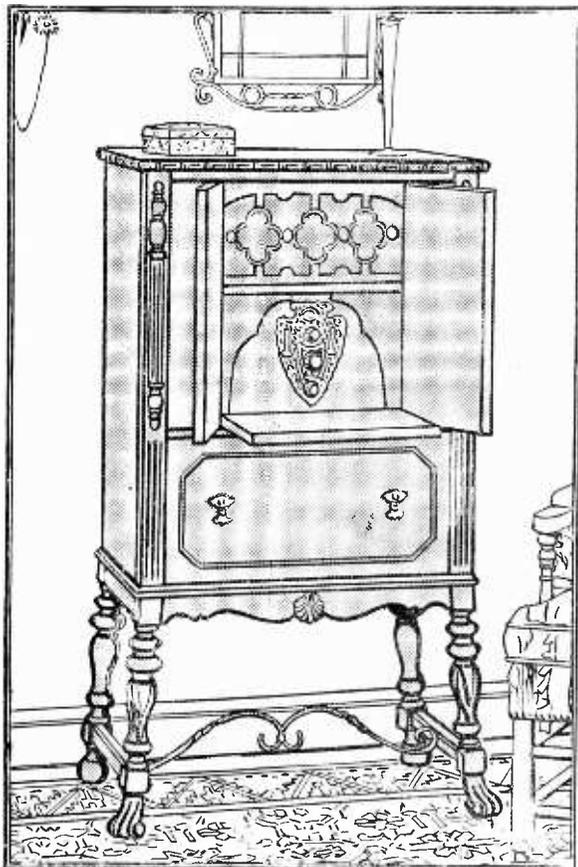
JACK CHENEY (Radio Laboratory Service)

1759 W. 39th, Los Angeles

OPEN EVENINGS

UNiversity 6088

THE VIVID--BEAUTIFUL MOHAWK!



*Light
Socket*



*One
Dial*



*The
Choice
of Our
Radio
Experts*



**OUR
TERMS
ENABLE
YOU TO
ENJOY
A
MOHAWK
AT ONCE**

AFTER a careful study of all makes... the experts in our radio department have selected and recommend the beautiful MOHAWK to you... as the radio offering you the most for your money, today. Here is beauty — performance — simplicity — economy — and no-battery light socket operation using the new Kellogg A.C. type tubes.

RADIO DEPT.

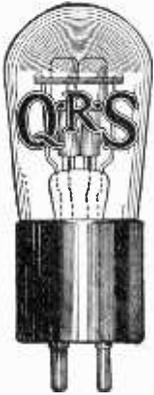
SCHWABACHER-FREY

736 South Broadway ~ TRinity 1291

For Your "B" Battery Eliminator,
Ask Your Dealer for Guaranteed

Q R S
Trade Mark
Registered

**Gaseous
Rectifier Tubes**



Are Better

60 Milliamperes

\$4⁵⁰

85 Milliamperes

\$4⁵⁰

400 Milliamperes
With Ionizer
300 Volts
for A, B and C
Eliminators with
Charts and Diagrams

\$7⁰⁰

Manufactured by

The Q·R·S Company
MUSIC
CHICAGO

Established 1900. References: Dun, Bradstreet
or any bank anywhere

**New Faces at Commission
Hearings**

After a brief respite, the mill will again begin to grind along on public hearings. The Radio Commission has a way of holding a series of hearings and then making personal visits to the different radio zones to see for themselves what conditions are like.

At the forthcoming series there will be two new faces, Sam Pickard, who succeeds H. A. Bellows as Commissioner, and Carl H. Butman, who succeeds Mr. Pickard as secretary.

**POLYMET
CONDENSERS**

*They Stand
Abuse!*



At All
Dealers

Polymet
Filter Condensers

They are selected by leading engineers and incorporated as standard equipment by nationally known manufacturers of receiving sets and power units. *Follow the leaders.*

Write for Polymet Catalog

POLYMET MFG. CORP.

599-601 Broadway, New York City

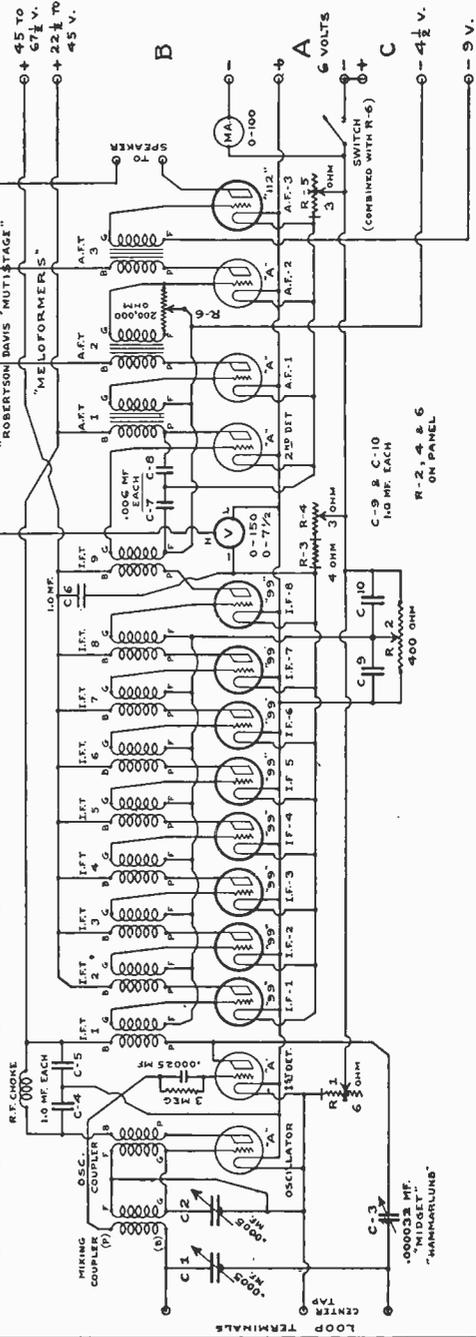
POLYMET

CUT OFF HERE



"ROBERTSON-DAVIS CERTIFIED MELOCOUPLERS"

420 460 461 462 463 464 465 466 467 468 469



NOVEMBER 15 1927

JENNERD - LOS ANGELES

RADIO DOINGS' TECHNICAL MANUAL

The Hot-Spot Fourteen

Melo-Heald Design

The new 14-tube superheterodyne, bearing the above name, tunes with but one "spot" for each station, due to the high peaking frequency of the intermediate RF stages. First in importance is the novel "mixing" system, whereby the incoming signal frequency is mixed with the locally generated oscillations for the production of a "beat" frequency which is, in turn, amplified through the intermediate stages. In the Heald mixing system the grid coil of the oscillator and the secondary of the mixing coupler are connected together in parallel and shunted by the tuning condenser.

The intermediate frequency amplifier stages are equipped with the Robertson-Davis Melocouplers, and the transformer is designed to function under the conditions existing in each successive stage. A lower amplification factor is attained in each stage, but there are more stages than usual with the result that a greater selectivity and volume are had without overloading and distorting. The transformers are of the air core type and designed to give the circuit a maximum of stability.

With eight intermediate transformers in the circuit one would expect a very critical, unstable performance, but such is not the case, due to the transformer design. The second detector functions with a biased grid instead of condenser and leak, insuring greater handling capacity. It is followed by three stages of audio amplification using the Melocouplers, in which the windings are completely surrounded by a solid iron core.

Volume is controlled by a 200,000 ohm resistance in shunt with the secondary of the second audio frequency transformer. Sensitivity is controlled by a 400 ohm potentiometer and consists of an

adjustment of the grid potential of the intermediate stages. The design of the transformers permits operating the set with the potentiometer on the negative side of the mid-point without oscillation setting up, and hence obtaining efficient operation of the RF tubes.

The eight intermediate tubes are of the 199 type, and all others are of the 201A type with the exception of the last tube, which is a power tube, 112 type.

The set employs a mid-tap loop and regenerates the first detector through midget condenser control.

It is interesting to note that the Hot-Spot Fourteen won the first prize for set-builders at the New York Radio Show this year. The prize winning set was built by John Hartley of Brooklyn, and outperformed all other entrants.

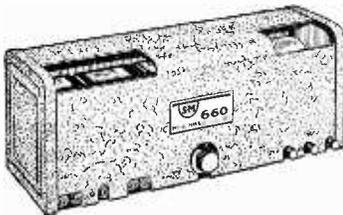
LIST OF PARTS

LIST OF PARTS FOR "HOT SPOT" FOURTEEN

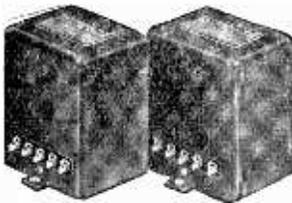
- 1—Robertson Davis Certified Melocoupler No. 420
- 1—Robertson Davis Certified Melocoupler No. 460
- 1—Robertson Davis Certified Melocoupler No. 461
- 1—Robertson Davis Certified Melocoupler No. 462
- 1—Robertson Davis Certified Melocoupler No. 463
- 1—Robertson Davis Certified Melocoupler No. 464
- 1—Robertson Davis Certified Melocoupler No. 465
- 1—Robertson Davis Certified Melocoupler No. 466
- 1—Robertson Davis Certified Melocoupler No. 467
- 1—Robertson Davis Certified Melocoupler No. 468
- 1—Robertson Davis Certified Melocoupler No. 469
- 1—Robertson Davis Melo-Choke
- 3—Robertson Davis Multistage Melloformers
- 14—Benjamin Spring Sockets
- 1—Jones Cable Plug, Type BM
- 8—Eby Binding Posts
- 2—Carter .006 mfd. Fixed Condensers
- 1—Carter .00025 mfd. Grid Condenser with Clips
- 5—Carter 1 mfd. By-pass Condensers
- 1—Carter 4 ohm Fixed Resistance
- 1—Carter 3 ohm Semi-Fixed Double Arm Base Mounting Resistance
- 1—Carter Rheostat, 6 ohms
- 1—Carter 400 ohm Potentiometer
- 1—Carter 3 ohm Rheostat
- 2—Camfield .0005 mfd. Variable Condensers
- 1—Hammarlund .000032 mfd. Midget Condenser
- 2—Kurz-Kasch Dials
- 1—Carter 200,000 ohm Potentiometer with Filament Switch
- 1—Jewell 0-7½-150 Voltmeter
- 1—Jewell 0-100 Milliammeter
- 1—Formica 7x30x3/16-inch Drilled and Engraved Panel
- 1—10x29x½-inch Wood Baseboard
- 1—Durham 4 megohm Grid Leak

Silver-Marshall

Don't forget that we stock the full Silver line—all the new hookups are here for your inspection. Come in and hear the finest sets and amplifier of modern Radio.



Now on display, the new "Unipac," the new all wave 8-tube super; new push-pull audios; new chokes and, in fact, all the latest, up-to-the-minute S-M products.



We would be very glad to quote you prices and send literature on any S-M products.

Dealers and set builders write for our discounts.

American Radio Co.

LOS ANGELES

108 E. Eighth St. TUCKER 6028

Open Evenings Until 8

NOW ART MODELS

Ensco

THE ORIGINAL AND WORLD'S FINEST 3 FOOT SPEAKERKIT

The same famous "Ensco," the original and World's Finest Loud Speaker Kits, now dressed up with Art Models. Guaranteed the equal of any manufactured loud speaker, regardless of cost. Anyone can assemble in less than an hour, no mechanical or radio knowledge needed.

The Three Foot Pedestal

Beautifully finished in polychrome, heavy metal base. Model F-175-36

\$17.50

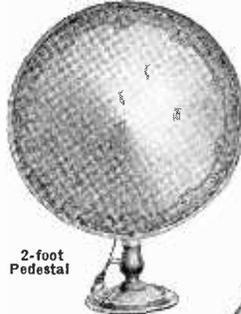
In Canada, \$22.50

The Two Foot Pedestal

Equally as well made and as beautiful as the three foot model, but smaller. Model F-135-24

\$13.50

In Canada, \$17.50



2-foot Pedestal

Standard and Wall Kits

Wall Kits are supplied with hardwood frame for easy assembly, now available in either 2 or 3 foot sizes.

Standard Kits identical with the wall kits, but without hardwood wall frame.

Standard Kits 2 or 3 ft., \$10.00

In Canada, \$11.50

Wall Kits 2 or 3 ft., \$11.00

In Canada, \$12.50

Demand the "Ensco"—go to your dealer, ask to hear the "Ensco," you will have a surprise in store for you. If your dealer hasn't been supplied, send the coupon—our money back guarantee protects you.

ENGINEERS' SERVICE COMPANY
 25 Church Street, New York 75 Cornhill, Boston
 28 E. Jackson Blvd., Chicago 331 Bay St., Toronto, Ont.
 144 Second Street, San Francisco

Engineers' Service Co. (Send to nearest address)

SEND ME

I am enclosing

	U. S.	Canada	Check
	Prices	Prices	Money Order
2 ft. Standard Kit	\$10.00	\$11.50	Cash (registered)
3 ft. Standard Kit	10.00	11.50	Send C.O.D.
2 ft. Wall Kit	11.00	12.50	(All shipping charges paid on Standard and Wall Kits only.)
3 ft. Wall Kit	11.00	12.50	
2 ft. Pedestal Kit	13.50	17.50	
3 ft. Pedestal Kit	17.50	22.50	

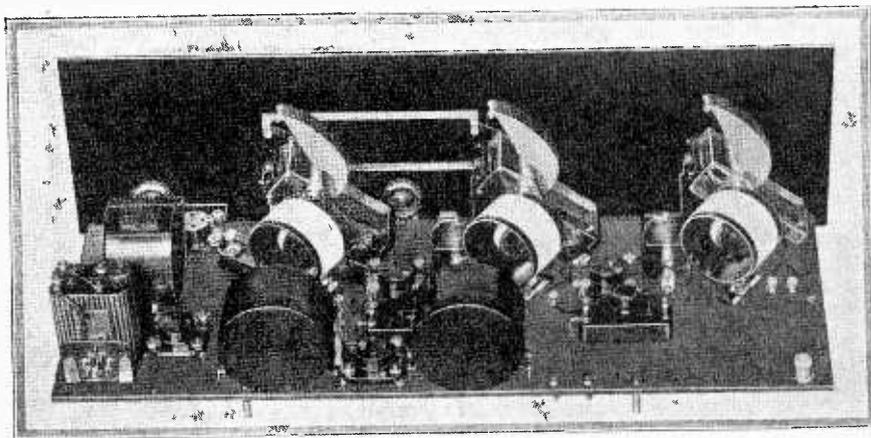
Name.....
 Address.....
 City.....State.....
 R.D.

Outstanding 5-Tube Kit

The new two-dial Karas Equamatic kit receiver embodies some very vital improvements over the set which gained such widespread popularity last year through its outstanding performance. While the Equamatic tuning principle remains the same, the circuit has been completely balanced and neutralized to entirely prevent oscillation and yet preserve maximum efficiency over the whole tuning range. This is accomplished through RF choke coils in the grid return connections and neutraliz-

volume is very great and the tone quality excellent. An output filter protects the speaker from the direct current component of the output stage.

The kit is so designed that the set goes together very quickly and simply and the completed job has a very attractive appearance. The Karas tuning condensers are of the pure straight-line frequency type thereby spacing out the 96 channels uniformly over the scale. Vernier dials, which are geared with a high ratio make for accurate tuning.



ing adjustable condensers from the plate of each RF tube to the filament end of the secondaries of the RF coils.

Selectivity is controllable as heretofore by shifting the relationship between the antenna coil and the secondary of the first RF transformer. This, together with the maximum selectivity maintained throughout the RF amplifier because of the nearness to the oscillation point at any setting, affords a degree of selectivity not attained in other tuned RF sets. Two 112-type power tubes are specified for the two audio stages, and there is a switch on the panel which cuts out the second stage. It is not necessary for all local reception. With both stages in operation, the

Wiring diagram, complete list of parts and other details will be given in our next issue on the Technical Manual page.

On the Cover

We present this week Earl Burtnett's Biltmore Orchestra, playing nightly over KNX by remote control from the Hotel Biltmore, Los Angeles. This popular organization is being sponsored until January 1 by the Authorized Radiola Dealers of Southern California. Radio fans are showing keen appreciation of Burtnett's original renditions of high-class dance music.



calls for

Electrical Reproduction

And you can have electrical reproduction by connecting your old phonograph to your radio set through

ELEC-TRU-TONE

The Phonograph Modernizer

You will be astounded by the full bass and rounded tones brought out by this scientific achievement.

Only \$19.50

THE ELEC-TRU-TONE CORP.

Hibernian Bldg. Los Angeles

Jobbers:

Pacific Wholesale, Inc.

Herbert H. Horn C. C. Lawton Co.

ARMO S.L.F. CONDENSERS

Adjustable
to
Max.
Min.
Mid.



.0005
.00035
.00025
\$2.75

The only condenser now being manufactured that can be adjusted to conform to any capacity, regardless of the circuit.

Given thorough laboratory test before passing out of the factory.

Sold On a Positive Guarantee

Armo Radio Laboratories

WE. 9610

1666 Tarleton St. Los Angeles

*Operate Your Radio from the
Light Socket With the*

Pemco

Automatic

"A" and "B" Power Unit

SOME RADIO SPECIALS:

\$5.00 Brandes Navy Phones...\$1.79
Short Wave Coil Kits.....\$4.75
Large 45-Volt "B" Batteries..\$1.95

\$10 Dictagraph Phono. Units.\$4.95
Radio Frequency Chokes....\$.75
Diana "A" Tubes.....\$1.00

6-Volt, 13-Plate Storage Batteries, Rubber Case

SPECIAL \$6.95 SPECIAL

"Approved Parts, Kits, Sets, Service—Priced Right"

Tel. TRinity
4281

J. C. RENDLER

625 S. Main

Opp P. E. Depot

OPEN EVENINGS

"Radio Set Builders' Headquarters"

LOS ANGELES

\$7.50 Down

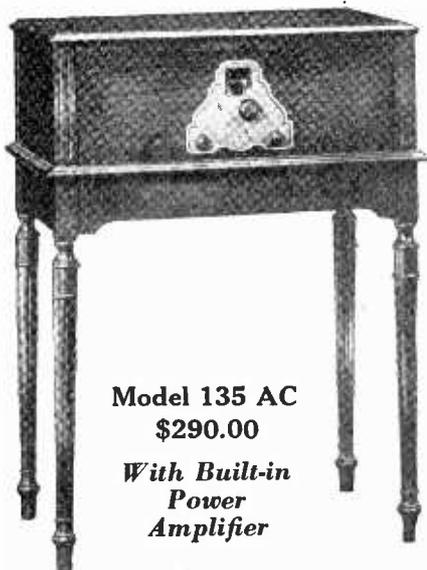
THEN

\$6.00 Monthly

Fully Guaranteed

The Howard

Electrically Operated Radio Receiver and Musical Instrument



Model 135 AC
\$290.00

***With Built-in
Power
Amplifier***

Manufactured By
HOWARD RADIO COMPANY
Chicago, Ill.

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.

Distributors

HOWARD RADIO DISTRIBUTING CO., Inc.
6229 Banner Place GLadstone 0807 Los Angeles, Cal.

Questions and Answers

A Weekly Department Conducted by K. G. Ormiston, I.R.E.

QUESTION—The DX Club page almost regularly reports reception of two stations on the same wave-length without interference. Last winter I had 7 pairs, but did not expect any such results on the new allocations. Up to date I have 4 pairs, and they are reported by other DXers also and in various locations. That puts the variation up to the stations themselves. Now does the commission allow stations like WGN and KOMO to alter wave so as to avoid a whistle, or is it against the rules? If two can do it, why not the whole outfit? I have repeatedly heard WOAI clear of KSL, and I use only the old Radiola 3A, with close to 100 feet of aerial. I also get KMOX clear of KFWO, sometimes without interference. My contention is that the judicious use of wave splitting by stations far apart will eliminate the heterodyning whistle, give the listeners better reception and the DX hounds a better chance.

WM. E. CLARK,
Sacramento, Calif.

QUESTION—The situation which confronts me is this: Last night was ideal with no static. Had KPSN, with terrific volume, but KDKA, in the background, strong as onions, consequently, both somewhat garbled. KFWO, with good volume, but KMOX garbled him. KNRC and WOC mixed badly. KNX and WHB the same. KGO and KTHS same. Also KMA and KWKH, KHJ and WCCO. KFI and WOS,—all bad "het" whistles. As you see, DX is no item with me, but separation gets my goat. KOA is also hard to straighten out.

B. D. MAHONEY,
Rillito, Arizona.

ANSWER—The conditions stated by the first correspondent do exist. That is, some of the stations who are assigned the same channel, either accidentally or deliberately get off wave a trifle to permit of clear reception without whistling with some other station on the same channel. This not permitted by the commission,—the stations

being ordered to adhere to their frequency within one-half kilocycle. By consulting the channel list given on page 39 of this issue it will be seen that in a location such as that of our second correspondent there are many channels upon which two or more stations will come in strongly, each ruining the signals of the other.

Of course, with a loop-operated set, and where two stations on the same wave channel are in different directions, it is possible to clear up each one by taking advantage of the directional properties of the loop. This might save the day for our friend in Arizona, but would be of no avail in locations more to the north on a line between the coast stations and the ones in the mid-west and east who operate on the same channels.

The commission has endeavored to see to it that the stations which operate simultaneously on the same frequency are far apart in miles, but the DX listener who is mid-way between them is just outa' luck. He gets one loud merry whistle a la peanut wagon, and about the only course open to him is to write out a definite, intelligent report and forward it to the commission.

It would appear that there is room for improvement by moving certain stations a kilocycle or two here and there to clear the worst of the whistles. Take another peek at page 39 and realize that all these stations are of 250 watts and over. Hundreds of little fellows are omitted. To crowd them into 96 channels is bound to result in a mess of interference, but the listeners who can helpfully suggest possible improvements will find the commission's ear open.

QUESTION—I read so much in your DX column of small sets bringing in remote stations like Japan, Australia and Timbuctoo, etc., and I have to work like a slave to get Salt Lake City about once a year on my 8-tube superheterodyne. Therefore, I make bold to ask you if anything not too expensive could
(Continued on Page 92)

CROSLY SPECIALISTS

REPAIRING — BALANCING — SERVICE
CHILDS' LAB., 2310 S. Union Av., L. A.

No
Batteries

Steinite

No
Aerial

(Licensed Under RCA)

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

"Simple to Operate—A Joy to Listen to"



The Steinite Console

Hi-boy console of beautiful solid mahogany, with built-in 20-in. air column speaker with Nathaniel Baldwin unit. The doors swing back entirely out of the way when receiver is not in use.

This model comes to you in one single unit, ready to GO the instant you plug into the light socket.



The Steinite line of receivers have six tubes, three stages of tuned radio frequency. Illuminated two-dial control. Genuine solid Philippine mahogany cabinets. Duco finish throughout. Delivered to you ready to operate.

The steady, unflinching, limitless power supply of your electric light socket enables the Steinite to bring in distant stations with plenty of volume.

Have a Steinite demonstrated in your home. The tone test will convince you.

A Compact Table Model in a Duco Finished Solid Mahogany Cabinet of Rare Beauty

Exclusive Distributors

NATIONAL RADIO & SUPPLY CO.
141 W. Washington St. WE. 2748 Los Angeles
(Your Neighborhood Dealer Is Listed On Opposite Page)

Franchised *Steinite* Dealers

(Licensed under RCA)

These Dealers are at all times at your service. Call on one of them **TODAY** and let him demonstrate a **Steinite** for you in your own home.

“Let the Tone Test Tell You”

LOS ANGELES AND VICINITY:

LOS ANGELES

Birkel Music Co.
446 S. Broadway
Phone VA. 1241

American Radio Co.
108 E. 8th St.
TUcker 6028

Nesa Radio
2565 W. Pico
Phone BE. 2723

Potter Radio Sales Co.
1817 W. 54th St.
Phone VE. 1210

Tevis Radio Shop
8110 S. Vermont
YOrk 4521

Frowein's Radio Shop
5944 S. Main
Phone AX. 6836

Westbrook & Hurst
5562 Pasadena Ave.
Phone GA. 5930

Southwest Elec. & Radio
Florence and Hoover
Phone TH. 2540

BEVERLY HILLS

Daniel B. Ellis
1621 Brighton Way
Phone OX. 7504

HOLLYWOOD

Shepherd Radio Service
7562 Sunset Blvd.
Phone GR. 7482

H. A. Everest
1032 N. Ogden Dr.
Phone GR. 9915
Nightly Demonstrations

CULVER CITY

Wagner Radio Co.
6444½ Washington
Phone 3449

EL SEGUNDO

Jack Brewer
39 Richmond St.
Phone 142

GARDENA AND TORRANCE

Gardner Music Co.
1601 Gramercy
Phone 312-J

LONG BEACH

Seaside Electric Co.
1756 Atlantic
63 S. Magnolia
Phone 688-238

PASADENA

Radio Doc
1581 E. Walnut
Colorado 1671

SAN PEDRO

J. Moskovita
462 Sixth St.
Phone 519

— :: —

“Hear the Steinite—You’ll Be Convinced”



and each operation supervised by an expert.

CeCo Tubes are as delicate and intricate to manufacture as the finest watch. Critically tested materials; vigilant inspection at every stage of making; scientific engineering throughout, and an exclusive; superior method of evacuation; insure the uniform high quality and longer life of every CeCo Tube.

ASK YOUR RADIO DEALER



Authorized Wholesale Distributors

Myers Electric
Supply Co.
1729 S. Los Angeles St.
Los Angeles

Herbert H. Horn
1629 S. Hill St.
Los Angeles

Stiefel-Harrison
Company
1627 S. Hill St.
Los Angeles

C. C. Lawton Co.
1125 Wall Street
Los Angeles

Radio Supply Co.
912-914 S. Broadway
Los Angeles

Holmes & Crane
Oakland, Calif.

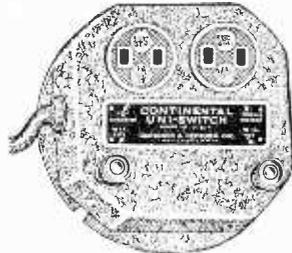
Sunset Electric Co.
San Diego, Calif.

Pacific Coast Representative

B. KRUGER & CO.

500 N. Huntley Drive, West Hollywood
Sherman P. O.

CONTINENTAL UNI-SWITCH



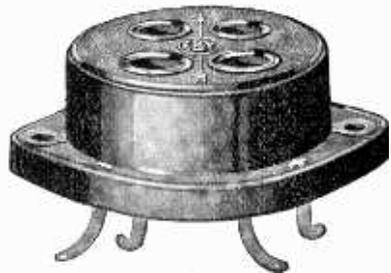
An Automatic Double Throw Switch that entirely does away with all switches connected with your radio receiver except the off and on switch, and transforms your receiver into a complete electric power unit when used in conjunction with six-volt Storage Battery, Trickle Charger and B Eliminator.

List Price, \$3.00

Manufactured and Guaranteed by
GARDINER & HEPBURN, Inc.
611 Widener Building Philadelphia

Factory Agent
LOMBARD J. SMITH
324 N. San Pedro St. Los Angeles

A NEW Socket



With An Old Name

The name Eby stands for the utmost in quality and performance in the radio industry. The New Eby socket is a worthy member of a famous family. It has won unqualified approval because of—

- (1) Contact—3 point wiping spring contact the full length of the prongs—most perfect known. Prongs cannot spread.
- (2) Appearance — beautifully moulded of phenolic material—top same size as tube base. Small, beautiful and completely self-contained.
- (3) Easy mounting—Above or below metal bakelite or wood. List Price 40c

The H. H. Eby Mfg. Co.
4710 Stenton Ave. Philadelphia, Pa.
MAKERS OF EBY BINDING POSTS



Through the courtesy of the Gold Seal Electrical Company of 250 Park Avenue, New York, two prizes are offered each week for the best letters to the DX Club. The first prize consists of two Gold Seal tubes. The prize winner may have his choice of one power tube of either type and one tube of either the 199 or 201A type. The second prize is one Gold Seal tube of either the 199 or 201A type. It is not always the big expensive set with the longest list of DX that wins—everybody has a chance.

FIRST PRIZE

DX Club:

In breaking into the DX columns, which I consider one of the most interesting in the little red book, I want first to say I have an ordinary nameless hay-wire set, of the Department Store variety, to which I have added a few gadgets of my own conception, and hooked to an interred Ford radiator for ground and straight-away aerial. With this set last winter I covered the whole country, from "coast to coast"—never got the across the Pacific.

This year, after diligent trial, I had about come to the conclusion that DX was out of the question with the present allocation of wave lengths, when, to my delighted surprise, on Sunday evening, while "fishing" for WCCO, before KHJ came on the air at the same frequency, I tuned in a station with splendid volume, heard all over the house, and I sure was delighted when in boomed the announcement, "Station PWX, Havana, Cuba." So I'll keep at the old "hay-wire" and live in hope for the coming winter's reception.

"You never can tell."

W. C. FRY,
Ventura, Calif.

SECOND PRIZE

October 24, 1927.

DX Club:

On October 23, I picked up WGR, Buffalo; on October 22 I tuned in KDKA, Pittsburgh, giving the football scores of Eastern universities; also WJJD and WORD, Chicago.

I got WAJD, Maco, Texas, almost as

loud as local. CNRV, Vancouver, three stations in Seattle, three in Portland and KFAU, Boise, all the same evening.

What impressed me most was the clarity with which the music came through the bombardment of static and code.

All this was done on the Tyrman Ten which was built according to the circuit and instructions recently published in Radio Doings.

I live in Glendale, and am surrounded at times by interference from X-ray machines.

Selectivity is everything I could ask for, half a point on the dial often separating the stations heard. The midgeet condenser coupling the antenna with the set makes this possible.

I have never heard reproduction of equal quality on any other set, and at the same time getting maximum volume.

I am surely a booster for the Tyrman Ten.

Yours truly,

F. W. JUDSON,
1414½ Rock Glen, Glendale.

OVERCOMING DIFFICULTIES

Little Lake, Calif.,
October 7, 1927.

DX CLUB, Radio Doings:

Interference is quite bad here, as we are within 200 feet of the Southern Sierras high voltage transmission line. Only a short distance from the new Los Angeles City power house at Haiwee, etc. But our worst trouble is a 110-volt lighting plant, within 150 feet of our aerials. When this plant is running

(Continued on Page 91)

BT Counterphase 8—World's Greatest Radio—Sold with a Distance Guarantee. H. A. Everest, 1032 North Ogden Dr. GRANITE 9915.



Available at Last!

A Reasonably Priced
"B" Battery Eliminator.

After running the laboratory "wide open" for several months, we have developed the "B" power supply you have long been looking for. And we are today entering it in a field which is as crowded as the Coliseum gridiron on a Saturday afternoon. Yet we fear no competition, for we have a power unit of unsurpassed merit, and are offering it at a price unrivaled by any similar product.

Three Ideals To Go On

The design and manufacture of the new Powell Power Unit was based upon just three ideals: It must be *consistent*—it must be *dependable*—and it must be *economical*. That is, it MUST (1) deliver the required current at the maximum voltage without that gradual "fading away" experienced with "B" batteries and improperly constructed eliminators; (2) give the assurance of perfect satisfaction on *all* occasions; (3) cost less, both in its initial cost and in operation.

Hence:

Powell

**POWER
UNIT**

POWELL MANUFACTURING CO.

4009 S. Western Ave.

VE. 1619

Los Angeles



KFWO's Rebroadcasting

The rebroadcasting being done each evening by Major Mott's Catalina Island station has brought forth many inquiries as to how this is accomplished. After a studio number the congenial Major informs "dear everybody" that the next number will be a dance selection from KFSD (or elsewhere), and immediately the same music then being broadcast by San Diego (or elsewhere), flows out from KFWO with perfect quality and clarity.

The Major uses a standard Magnaformer 9-8 superheterodyne, operating on a loop. The output of the set is arranged so that it can be connected through suitable switches to the amplifying equipment of his broadcast transmitter. Then while the Major is putting on a number in the studio, Engineer Paggi roams the air-lanes on the "Maggie" looking for something devoid of advertising (the Major's pet aversion). When he connects with suitable material, and the studio is through, Paggi connects the transmitter of KFWO to the output of the radio receiver instead of to the studio microphone, and thus some other station is "rebroadcast" over KFWO.

The receiving set used must, of course, have great selectivity in order to permit of receiving stations at a distance right under the guns of KFWO. It must also be capable of A1 quality in order that the rebroadcast program which has passed through two transmitting stations and two receivers will come to the listener with a clearness and tone equal to listening to the original program.

AGAIN SPECIFIED

For perfect filament control two No. 112 AMPERITES are specified in the
Magnaformer 9-8

RADIALL CO.,
 50 Franklin St., New York City

For Sale
 By All
 Dealers

AMPERITE
 REG. U.S. PAT. OFF.

The "SELF-ADJUSTING" Rheostat

Official MAGNAFORMER LABORATORY

The Magnaformer, Wired, Tested and Guaranteed, \$150.00

We Will Test, Assemble and Wire Your Kit for \$35.00

Our Workmanship Is In a Class By Itself

LABORATORY OF RADIO STANDARDS

E. K. HAYES

2408 West Vernon

VERmont 6543

Los Angeles, Calif.

Magnaformer 9-8

Commander-in-Chief of the Air

Los Angeles, Calif.,
November 1, 1927.

K. G. Ormiston,
Tech Ed., Radio Doings.

Dear Ormie:

You haven't heard from me since that last skirmish at the beach because I have been hiding out, doing a little intensive training. Suppose you thought you had me licked for good. If so, you are due for a 'sprise.

I assume that the log published on page 20 of last week's Radio Doings is the best you can do with the Magnaformer 9-8, Commander-in-Chief of the Air. Huh! Your log reminds me of some that I have seen for a two-tube Harkness!

I've learned the secret touch that tunes them in, and boy!—my foot-work ain't so bad! It takes practice to tune a super—I found that out—and you had the edge on me last time in that respect. But just cast your eye over the log that I will show on this page next week and then retire as gracefully as you can from the field and leave us real DX-getters alone.

Cordially,
SCOTTY.

Wholesale Distributors

YALE RADIO ELECTRIC CO.
1111 Wall St.
Los Angeles

RADIO SUPPLY
912-14 S. Broadway
Los Angeles

SUNSET ELECTRIC CO.
1141 First St.
San Diego

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 Radiart Laboratories, 19 S. LaSalle St., Chicago



Is your set missing...?

Many sets fail to produce the low bass and high treble notes. Complete the picture! Equip your set with Ferranti audio frequency transformers and hear the whole program as intended....rich, full toned, and with added volume.



Audio Frequency Transformers

FERRANTI AF-4 TRANSFORMERS
EXCLUSIVELY SPECIFIED FOR THE

Magnaformer

9-8 CIRCUIT

FERRANTI, Inc.

130 West 42nd Street, New York, N. Y.

FERRANTI, LTD.
Hollinwood, England

FERRANTI ELECTRIC, LTD.
Toronto, Ontario, Canada



STUDIO NEWS

By **AUDREY DAVIS**

Another feature of interest for the daytime listener-in Southern California is the addition to the schedule of Warner Bros. Station KFVB of the Aunt Sammy talks, released through the Home Economics Bureau of the U. S. Department of Agriculture. The Aunt Sammy talks are given over several hundred radio stations in the United States and deal with the problems of the housewife, cooking recipes, household hints, clothing, and so forth. The talks will go on the air daily at 10:30 a. m.

KGFJ proudly announces the aerial performance of Lou Parker, blues singer from 1 to 3 every afternoon this week. They have also procured the capable artists, Inez Small, accompanied by Rae Freidberg, for a regular Monday and Wednesday night feature, between 7 and 8.

We can hardly keep track of this busy "Yes suh" man, Charlie Hamp, lately. I don't think anyone would be surprised to heard that he was selling peppermints on the Sahara. He has just recently severed direct active connection with KPLA and has taken exclusive charge of the radio publicity of Dr. Strasska's tooth paste. Mr. Hahp has created seven interesting sunshine programs which he presents over four stations. The programs are apparently being well received as the four stations are receiving an average of 35,000 requests for free samples of tooth paste.

November 4, from 8 to 9:30, KMTR will broadcast a spectacular program, complimentary to the opening of Douglas Fairbanks' latest picture, "Gaucho," at Grauman's Chinese Theater.

The half-hour at KPLA, known as "The Air Castle," is being received most enthusiastically by the little tots, as well as appreciative mothers, who flood the station with gratifying letters. Baron Keyes is the story man and Billy Barron sings special songs for the kiddies. Little tinkling bells at the beginning and end of the hour capture the imaginative sense of the children for a delightful visit to etherial fairy land.

KFI announces a series of lectures by Paul Jordan Smith, author of many books, including the best survey of James Joyce's "Ulysses," the least understood and the most maligned book of recent years. This month will see the publication of Burton's "Anatomy of Melancholy," edited by Mr. Smith and Floyd Dell, and it is expected that the first of Mr. Smith's talks will be upon his share of this monumental task.

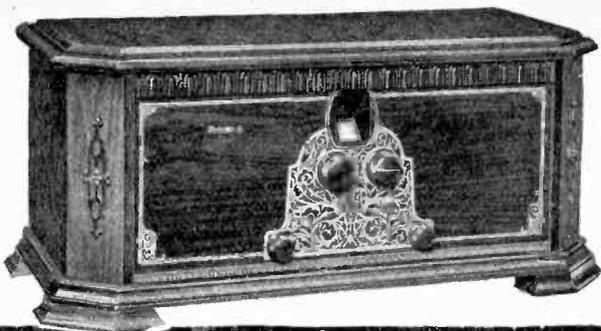
We want to know where that melancholy figure has flown who once argued that radio was but a passing fancy? While looking for him why not keep a lookout for the goop who claimed radio would injure the health of the nation by keeping us indoors and his colleague who claimed that radio broke into the

(Continued on Page 90)

DETECTIVE STORIES "In the Shadows." Send \$2 to 272 Cham. Com. Bld
By Nick Harris. \$1 Police Whistle Free.

**30 Days
FREE
TRIAL
5 Year
Guarantee**

MARWOOD



The 1928 Sensations! 8 Tube-1 Control

ALL ELECTRIC OR BATTERY OPERATION

AGAIN Marwood is a year ahead—with the Radio sensation of 1928—at a low price that smashes Radio profiteering—the marvelous 8-Tube Single Control Marwood for BATTERY or ALL ELECTRIC operation. Direct from the factory for only \$69.00 retail price—a price far below that of smaller, less powerful Radios. Big discount to Agents from this price. To prove Marwood can't be beat we let you use it on 30 Days' Free Trial. Compare it with any Radio at any price. If you don't say it is a wonder, return it. We take the risk.

**ALL ELECTRIC
8 Tube
1 Control
\$98 RETAIL PRICE**

**Big Discount to Agents
From this Price**

**Has Complete
A-B Power Unit**

A REAL ALL ELECTRIC Radio with one of the best A-B Power Units on the market—at the world's lowest price. No batteries needed. If you have electricity in your home, just plug into the light socket and forget batteries. Costs less than 2c a day to operate. Always have 100% volume. ALL ELECTRIC Radios are high priced, but we cut profit to the bone and offer a \$250.00 outfit for \$98.00, retail price. Big discount to Agents from this price.

**AGENTS GET YOUR RADIO AT
WHOLESALE PRICES**

Make Big Money in Spare Time

It's easy to get orders for the Marwood. We want agents and dealers in each territory to handle the enormous business created by our national advertising. Make \$100 a week or more in spare time demonstrating at home. No experience, no capital needed. We show you how. This is the biggest season in Radio history. Rush coupon for 30 Days' Free Trial, 1928 Catalog, Agent's Confidential Prices and Agents' New Plan.

MARWOOD RADIO CORP.
5315 Ravenswood Ave., Dept. B-15, Chicago

**\$69 Only
Big Discount
to Agents
From This
Price**

Get Our Discounts

Before you buy a Radio. Save half. Try any Marwood on 30 Days' Free Trial. Compare it with any Radio regardless of price. If you don't get the surprise of your life, return it. We take the risk. Don't let Marwood low prices lead you to believe Marwood is not the highest quality. Guaranteed 5 years.

New Features

Coast to coast with enough volume to fill a theatre. Amazing distance that only super-power Radios like the Marwood 8 can get. Ultra-selectivity to cut out interference. Every Marwood is perfectly BALANCED—a real laboratory job. One dial control gets the stations with ease. A beautiful, guaranteed, super-efficient Radio in handsome walnut cabinets and consoles.

**Buy From Factory
Save Over Half**

Why pay profits to several middlemen? A Marwood in any retail store would cost practically three times our low direct-from-the-factory price. Our policy is highest quality plus small profit and enormous sales. You get the benefit. Marwood is a pioneer, responsible Radio. If you want next year's improvement NOW—get a Marwood.

\$47

Retail Price

**Big Discount
to Agents from
This Price**

6-Tube, 1 Control

for BATTERY or ALL ELECTRIC operation. Get coast to coast on loud speaker with great volume. Only \$47.00 retail price. Big discount to Agents from this price. Comes in handsome walnut cabinets and consoles. Has the volume of 7-tube sets.



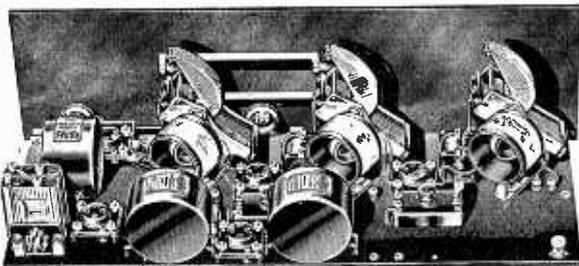
Rush for Free Trial

Marwood Radio Corporation,
5315 Ravenswood Ave., Dept. B-15, Chicago.
Send Agents' Confidential Prices, 30 Days' Free Trial, New Catalog and Agents' New Money Making Plan. No obligation on your part.

Name _____
St. or RFD _____
City _____ State _____

KARAS 2-Dial Equamatic

Is Remarkable Distance Getter



(D) The NEW Karas Output Filter. Price \$8.00.



(B) The NEW Karas S. F. L. Condenser, with removable shaft. Price: .00025 mfd., \$5; .00037 mfd., \$5.25; .0005 mfd., \$5.50.



(E) Karas Micrometric Vernier Dials. Price \$3.50 each.

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, from your dealer. Mail the coupon below for complete data on 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-I North Rockwell Street, Chicago

MARSHANK
SALES CO.
224 East 16th St.
Los Angeles, Cal.
JAMES P. HERMANS
COMPANY
585 Mission Street
San Francisco, Cal.
H. M. NISBET
53 Fourth Street
Portland, Oregon



(A) The NEW Karas Type 28 Audio Transformer. Price \$8.00.



(C) Karas Equamatic Inductance Coils. Set of 3 used in the 2-Dial Equamatic. Price \$12.00.

KARAS ELECTRIC CO.,
4035-I 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 _____

Numbering the Channels

A piano string, because of its mechanical dimensions and tension placed upon it, will vibrate at a definite frequency when struck. Likewise an electrical circuit, due to its electrical characteristics (inductance and capacity) will oscillate electrically at a definite frequency when supplied with voltage. What actually happens is this:—the current starts at zero, builds up to a maximum value in one direction, drops to zero, builds up to maximum in the opposite direction and again drops to zero. This is called a cycle, and when this process takes place one million times per second in a circuit because of its electrical properties, we say that the frequency is 1,000,000 cycles per second, or to use a larger unit of measurement (kilocycle,—1 kilocycle being 1000 cycles) 1000 kilocycles.

In a broadcast transmitter, suppose that the circuits are tuned so that we have such a current in the antenna system, namely one of 1000 kilocycles per second. If each cycle produces one complete wave in the ether, in one second we will have sent out 1,000,000 waves. We can prove that these radio waves travel approximately 300,000,000 meters (186,000 miles) in a second, therefore, the length of each wave must be 300 meters. (This is approximate, a more nearly accurate figure is 299.9.)

In the early days of wireless telegraphy this wave-length term was used as a designation of the tuning of a station, rather than the more logical frequency term. It came into general usage, with the result that now, when radio is reaching a state of organization and stabilization, and the Federal Radio Commission deals only in the frequency and wants to educate the public to do likewise, a great deal of confusion seems to have arisen. The mingled use of both terms complicates matters.

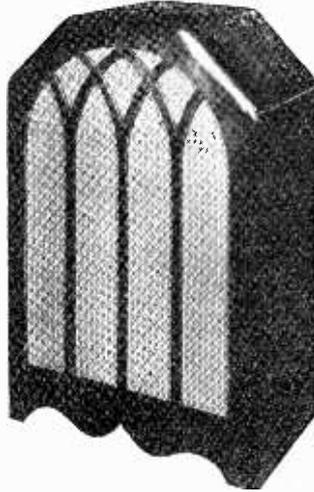
R. H. Langley of the Crosley Radio Corporation has suggested that all this difficulty may be easily overcome by

numbering the channels and forgetting about both wave-length and frequency. Then, as far as the listener is concerned, station so-and-so will be on Channel 5, along with all the other stations which may be assigned to Channel 5. His dial will be divided into 96 divisions, each representing a channel. Numbered from 1 to 96, these channels will contain all the stations in the U. S. and Canada, and the listener will soon familiarize himself with the channel numbers corresponding to the stations he regularly hears and from a list such as is given on page 39 will be able to locate any distant station he desires to fish for.

In numbering the channels it is logical to start with number 1 at the low frequency (high wave-length) end of the scale. This is because if there is ever an extension of the present broadcast band it will be at the high frequency end, and it will then be a simple matter to continue the numbering of the new channels. We therefore start with Number 1 at 550 kilocycles, or 545 meters, and there is a channel consecutively numbered at every 10 kilocycles up to Number 96 at 1500 kilocycles, or 200 meters. Several of these channels are occupied by only Canadian stations, but they certainly should be numbered in their proper places.

The list on the opposite page includes only stations of 250 watts power and more. We have adopted this numbering system in the belief that it will be a help to our readers in tuning and locating stations. The system has been approved by the National Electrical Manufacturers' Association, and will shortly be given consideration by the Institute of Radio Engineers, and then the Federal Radio Commission. Meanwhile, if Mr. Langley's idea is helpful and a step in the right direction, why not adopt it ourselves. We would appreciate comment from our readers on the plan.

"For True Life-like Tone Quality"



35" High
23" Wide
13" Deep

The Cathedral Reproducer

THE FIRST essential in buying a radio," says the American Review of Reviews, "is to be sure first of all of its fine tonal qualities. This is especially important to all who would enjoy to the utmost the wealth of fine musical entertainment that will so strongly feature the coming season."

Tonal quality stands out in the Cathedral. You will be astonished at the soft, mellow richness of its reproduction. Instrumental music is distinct and clear, from the lowest note on the bass viol to the highest harmonic of the violin. The great singers transport you into the very studio within which they perform, *because* this greatest of reproducers was designed scientifically—and with tonal quality uppermost in the minds of its builders.

The Cathedral Reproducer will be a revelation to you. Go to your dealer's and ask to hear it.

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

FREQUENCY CHANNEL LISTING

250 Watts and Up—Corrected to November 5th

Chn. Freq. Meters	Stations	Chn. Freq. Meters	Stations
1—550—545.1	KSD, WMAK, WHAZ, KFUO.	54—1080—277.6	KOIL, KWVG, WHAM, KTCL.
2—560—535.4	WHO, WCAC, WTIC.	55—1090—275.1	KFSG, WORD, WTAS.
3—570—526.0	KMTR, KYW, WNYC, KFKX.	56—1100—272.6	KFAD, KFJF, WBAA, WHAR, WPG, WRM, WSKC.
4—580—516.9	WCAE, WMC, WTAG.	57—1110—270.1	KGU, KOAC, KQV, WGST, KLDs, WJAS, WMAZ, WSOE, WHAD.
5—590—508.2	KLX, WIP, WOO, WOW.	58—1120—267.7	KFWI, KSBA, WDAE.
6—600—499.7	WBAP, WFAA, WAAW.	59—1130—265.3	KTSA, WHK, WNOX, WOI, WBET.
7—610—491.5	KGW, WEAf.	60—1140—263.0	KGEF, W DAG, WJAZ, WMBI, WSEA, WDWm.
8—620—483.6	KUSD, WCFL, WEMC, KFDM, WTAW.	61—1150—260.7	KGA, WDGy, WCAU, WDNWf, WNBH, WOOD, WRHM.
9—630—475.9	WSB, WSUI.	62—1160—258.5	KSUL, WOCH, WBT, WCMA, WEBW, WFBL, WIL, WNAL.
10—640—468.5	KFI, WRC.	63—1170—256.3	KTNT, WASH, WBBR, WCSO, WEBJ, WLTH.
11—650—461.3	KNFN, KRLD, WEEI, KUOM, WRR, WHAS.	64—1180—254.1	KFKU, KMO, WREN, WRVA, WTAQ.
12—660—454.3	KFRC, WJZ.	65—1190—252.0	KOCW, KPLA, WMBB, WOK, WKBF.
13—670—447.5	KFOA, WMAQ, WQJ.	66—1200—249.9	KFRU, WCOA.
14—680—440.9	KFSD, WJR, WSBF.	67—1210—247.8	KOW, KFEL, WIOD.
16—700—428.3	KFBU, WLW, WCSH.	68—1220—245.8	KFH, KFPY, KLS, WEVD, WAAT, WDOD, WFBE, WGBB, WKRC, WHDI, WLB.
17—710—422.3	KPO, WOR, WOS.	69—1230—243.8	KSCJ, KWUC, WBRC.
18—720—416.4	WHT, WIBO, KHJ, WMAF.	70—1240—241.8	KFKB, KFON, WBCB, WEDC, WMAI, WGES.
20—740—405.2	WCCO, WFI, WLIT.	71—1250—239.9	KEX, KFYR, WEAM, WNAD, WJAM, KWCR, WOAX.
21—750—399.8	WEAR, WTAM, PWX, KLX.	72—1260—238.0	KLDS, WLBI, WRBC, WSBT.
22—760—394.5	KOB, KTW, KWKK, KWSC, WHN, WQAO, KFDY, KMA.	73—1270—236.1	KFDX, KFMX, KFWM, WBNY, WCAL, WGBF, WHAP, WMSG, WTAR, WTAD.
23—770—389.4	WAAF, WBBM, WJBT.	74—1280—234.2	WCAH, KFVE, WMBs.
24—780—384.4	KGO, KTHS, WCAO, WMBF.	75—1290—232.4	KBRL, KFPR, KUT, WJKS, WSB.
25—790—379.5	WCAJ, WGY.	76—1300—230.6	KFEQ, WDBJ, WGBI, WQAN.
26—800—374.8	KNRC, WOC, WJAR.	77—1310—228.9	WCOC, KELW, KGBU, WOWO, WHBP.
27—810—370.2	KHQ, WDAF, WLWL, WMA.	78—1320—227.1	KSO, WARS, WBBC, WJAY, WSDA, WMAE.
28—820—365.6	WCAD, WEBH, WJJD.	79—1330—225.4	WFBM, KFUR, WAMD, WMDAD, WMAC, WSYR.
29—830—361.2	KFWB, WDAY, WSAI.	80—1340—223.7	KGfH, KMIC, WCAM, WCRW, WABQ, WFKB, WNRC, WPCC, WSAJ.
31—850—352.7	WEW, WWJ.	82—1360—220.4	WKBH.
32—860—348.6	KJR, KVOO, WAAM, WGBS.	83—1370—218.8	WCGU, WGWb, WKBO, WKBQ.
33—870—344.6	WCBD, WJBB, WLS.	84—1380—217.3	WKWB, WRCO.
34—880—340.7	WKAQ, WSM.	85—1390—215.7	KRLO, WOKO, WPEP, WQAA.
35—890—336.9	KNX, WHB, WJAX, WwVA, WQQ.	86—1400—214.2	KFWF, WICC, WCWK.
36—900—333.1	KSAC, KSEI, WBZ, WKRC, WJAD, WBZA, KFQB.	87—1410—212.6	KGDx, WJBL, WRAX.
38—920—325.9	KOA, WABC, WAPI, WBOQ.	88—1420—211.1	WCDA, WRST.
39—930—322.4	WQAM, WSMB.	89—1430—209.7	KSOO, WCBS, WOKT, WTFI.
40—940—319.0	KOIN, WGHP, WOAI.	90—1440—208.2	KFVD, WLBZ, KGfJ.
41—950—315.6	KPSN, KDKA.	92—1460—205.4	WABF, WMBD.
43—970—309.1	KFAB, KYA, WPCB, WRNY.	93—1470—204.0	WKEN, WLBX.
44—980—305.9	KOMO, WGN, WLBI.	95—1490—201.2	KCEY.
45—990—302.8	KSL, WGR, WNAX, WHA, WLBL.	96—1500—199.9	WRAH.
46—1000—299.8	KFWO, KMOX, KOWW, WBAK, WPSC.		
47—1010—296.9	KQW, KUOA, WADC, WwNC.		
48—1020—293.9	KGCH, WPRC, WGL, WLWB, WODA, WTMJ, WLEW, WODA, WTMJ.		
50—1040—288.3	KTBI, WBCN, WDBO, WNAT, WENR, WNAc, WEAN.		
51—1050—285.5	KFAU, KFOY, WBAL, WJAG, WKAR, WOAN, KMMJ.		
52—1060—282.8	KFXF, WAIU, WDRc, WEAO, KFUM.		
53—1070—280.2	KTAB, WFIW, WGCP, WNJ.		

Schedule of "DX" Stations

Call Letters	Fr. Ky.	W. L. Mtrs.	Pow. Wts.	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
KEX	1250	239.9	2500	6.00-11.00	6.00-12.00	6.00-12.00	6.00-12.00	6.00-12.00	6.00-12.00	6.00-12.00
WOK	1190	252	5000	5.00-8.30	S	5.00-8.30	5.00-8.30	5.00-8.30	5.00-8.30	5.00-8.30
KDYL	1160	258.5	100	S	5.00-11.00	5.00-11.00	5.00-11.00	5.00-11.00	5.00-11.00	5.00-11.00
WJAZ	1140	263.8	500	S	S	6.00-8.00	6.00-8.00	6.00-9.00	6.00-8.00	6.00-8.00
KGU	1110	270.1	600	10.00-11.30	10.00-11.30	10.00-11.30	S	10.00-11.30	10.00-11.30	S
WPG	1100	272.6	5000	6.00-6.30	S	S	S	S	S	S
KOIL	1080	277.6	2000	9.00	6.00-10.00	6.00-10.00	S	6.00-10.00	6.00-10.00	6.00-10.00
WAIU	1060	282.8	5000	6.00-9.00	6.00-9.00	6.15-9.00	S	S	6.00-9.00	6.15-9.00
KPFX	1060	282.8	500	7.00	6.00-9.00	6.00-9.00	6.00-11.00	S	6.00-11.00	6.00-11.00
WENR	1040	288.3	500	6.30-8.00	S	6.00-9.00	6.00-9.00	6.00-9.00	6.00-9.00	6.00-9.00
KMOX	1000	299.8	5000	6.00-9.30	6.00-11.00	6.00-11.00	6.00-11.00	S	6.00-11.00	6.00-11.00
WGR	990	302.8	750	S	6.00-8.00	6.00-7.00	6.00-8.00	6.00-7.00	6.00-8.00	S
WOAI	990	302.8	5000	S	S	6.30-7.30	6.30-7.30	6.30-7.30	6.30-7.30	S
WGN	980	305.9	500	6.00-8.25	S	6.00-8.00	6.00-8.00	6.00-8.00	6.00-8.00	6.00-8.00
WLIB	980	305.9	15000	S	8.00-11.00	8.00-11.00	8.00-11.00	8.00-11.00	8.00-11.00	8.00-11.00
KDKA	950	315.6	30000	S	S	7.35	S	S	7.00	S
WBZ	900	333.1	15000	6.50	6.00-6.30	6.00-6.30	6.00-6.30	6.00-6.30	6.00-6.30	6.00-6.30
WHB	890	336.9	500	7.00-11.15	6.00-7.00	6.00-8.00	S	6.00-8.00	S	6.00-8.00
WLS	870	344.6	5000	S	S	S	6.00-9.00	S	6.00-9.00	S
WWJ	850	352.7	1000	6.00	S	S	6.30	S	6.00-6.30	S
WSAI	830	361.2	5000	6.00-9.00	6.00-9.00	6.00-9.00	6.00-9.00	6.00-9.00	6.00-9.00	6.00-9.00
WBHH	820	365.6	2000	6.00	S	6.00-8.00	6.00-8.00	6.00-8.00	6.00-8.00	7.00-9.00
WDAF	810	370.2	1000	S	6.00-8.00	6.00-8.00	6.00-8.00	6.00-8.00	6.00-8.00	6.00-8.00
WOC	800	374.8	5000	S	S	6.00-6.30	6.30-8.00	6.00-7.00	6.00	S
WGY	790	379.5	30000	S	S	6.00-7.30	6.00-7.00	6.00-7.30	6.00-7.30	6.00-8.00
WHAZ	790	379.5	500	S	6.00-9.00	S	S	S	S	S
KTHS	780	384.4	1000	6.30-8.30	6.30-8.30	6.30	6.30-8.30	6.30-8.30	6.30 10.00-12.00	S
WBBM	770	389.4	1000	6.00-8.00 9.00-11.00	5.00	6.00-8.00	6.00-8.00	6.00-8.00 7.00-8.00	6.00-8.00	6.00-8.00
WORD	770	389.4	5000	S	S	6.00-7.00	6.00-7.00	6.00-7.00	6.00-7.00	6.00-7.00
KMA	760	394.5	500	S	7.00-9.00	7.00-9.00	7.00-9.00	7.00-9.00	7.00-9.00	7.00-9.00
KOB	760	394.5	5000	8.55-9.10	8.55-9.10 6.30-7.30	8.55-9.10	8.55-9.10	8.55-9.10	8.55-9.10 6.30-7.30	8.55-9.10
KWKH	760	394.5	1000	6.00-7.00	6.00-7.30	7.00-10.00	S	6.00-7.30	S	7.00-10.00
PWX	750	400	500	6.00-10.00	S	6.30-8.00	6.00-7.00	S	S	6.00-9.00
WTAM	750	399.8	3500	6.00-7.00	6.00-9.00	6.00-9.00	6.00-9.00	6.00-9.00	6.00-9.00	6.00-9.00
CKAC	730	410.7	1200	S	S	6.30	S	S	S	6.30
WHT	720	416.4	5000	6.00-7.00	S	6.00-7.00	6.00-7.00	6.00-7.00	6.00-7.00	6.00-7.00
WLW	700	428.3	5000	6.00-8.00	6.00-9.00	6.00-9.00	6.00-9.00	6.00-9.00	6.00-9.00	6.00-9.00
WJR	680	440.9	5000	7.00-7.30	6.00-7.00	6.00-7.00	6.00-9.00	6.00-7.00	6.00-7.00	6.00-7.00
WMAQ	670	447.5	1000	S	6.00-7.00	6.00-7.00	6.00-7.00	6.00-7.00	6.00-7.00	6.00-7.00
WJZ	660	454.3	30000	6.00-7.50	6.00-7.50	6.00-7.50	6.00-7.50	6.00-7.50	6.00-7.50	6.00-7.50
WSB	630	475.9	1000	6.15	6.00-7.00 8.45-10.00	6.00-7.00 8.45-10.00	6.00-7.00 8.45-10.00	6.00-7.00 8.45-10.00	6.00-7.00 8.45-10.00	6.00-7.00 8.45-10.00
WBAP	600	499.7	1500	S	6.00-10.00	6.00-9.00	S	6.00-10.00	6.00-10.00	6.00-9.00
WFAA	600	499.7	500	6.30-7.30 9.00-10.00	6.30-7.30	6.30-7.30	6.30-7.30	6.30-7.30	6.30-7.30	6.30-7.30 9.00-10.00
WOW	590	508.2	1000	7.00	7.00-9.00	7.00-9.00	S	7.00-9.00	7.00-9.00	7.00-9.00
KYW	570	526	2500	6.30-7.55	6.00-8.55	6.00-8.55	6.00-8.55	6.00-8.55	6.00-8.55	6.00-8.55
WHO	560	535.4	5000	S	6.00-7.30	6.00-7.30	S	6.00-7.30	6.00-7.30	S
RSD	550	545.1	500	S	S	6.00-6.30	6.00-6.30	S	S	S

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

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

10-12 A.M.		12-2 P.M.		2-4 P.M.		4-6 P.M.		STATIONS				6-8 P.M.		8-10 P.M.		10-12 P.M.														
10.00-10.30	10.30-11.00	11.00-11.30	11.30-12.00	12.00-12.30	12.30-1.00	1.00-2.00	2.00-3.00	3.00-3.30	3.30-4.00	4.00-4.30	4.30-5.00	5.00-5.30	5.30-6.00	CALL	Frequency in Kilohertz	Wave Length	Power in Watts	STATION	6.00-6.30	6.30-7.00	7.00-7.30	7.30-8.00	8.00-8.30	8.30-9.00	9.00-9.30	9.30-10.00	10.00-10.30	10.30-11.00	11.00-11.30	11.30-12.00
SOUTHERN CALIFORNIA																														
										X	KMTR	570	526	500	Hollywood	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X							X	KFI	640	469	5000	Los Angeles	X	X	X	X	X	X	X	X	X	X	X	X	X	
							X	X				KFSD	680	441	5000	San Diego														
X	X	X	X	X								KHJ	720	416	500	Los Angeles			X	X	X	X	X	X	X	X	X	X	X	
	X	X	X				X	X	X			KNRC	800	375	500	Sta. Monica	X	X	X	X	X	X	X	X	X	X	X	X	X	
												KFWB	830	361	500	Hollywood											X	X	X	
												KWTC	850	353	5	Sta. Ana	X	X	X	X										
X	X	X	X			X	X	X	X	X	X	X	KNX	890	337	500	Hollywood	X	X	X	X	X	X	X	X	X	X	X	X	
	X	X										KPSN	950	316	1000	Pasadena														
			X	X						X	X	KFWO	1000	300	250	Catalina	X	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X				X	X	X			KTBI	1040	288	500	Los Angeles	X	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X				X	X	X			KFSG	1090	275	500	Los Angeles			X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X									KGEF	1140	263	500	Los Angeles			X	X	X	X	X	X	X	X	X	X	X	
												KPLA	1180	252	500	Los Angeles			X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	X	KFON	1240	242	500	Long Beach	X	X	X	X	X	X	X	X	X	X	X	X	X
												KFQZ	1290	232	100	Los Angeles			X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X									KPPC	1310	229	50	Pasadena			X	X	X	X								
	X	X										KMIC	1340	224	250	Inglewood						X	X							
X	X	X	X									KFWC	1350	222	200	S. Bernardino	X	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X				X	X	X			KGER	1390	216	100	Long Beach				X	X	X	X	X	X	X	X	X	X	
												KFCR	1420	211	50	Sta. Barbara			X	X	X	X	X	X	X	X	X	X	X	
												KFVD	1440	208	250	Venice	X	X	X	X	X	X	X	X	X	X	X	X	X	
NORTHERN CALIFORNIA																														
		X	X							X	X	KFRC	860	454	1000	San Francisco	X	X	X	X	X	X	X	X	X	X	X	X	X	
X										X	X	KPJO	710	422	1000	San Francisco	X	X	X	X	X	X	X	X	X	X	X	X	X	
	X	X	X									X	KGO	780	384	5000	Oakland	X	X	X	X	X	X	X	X	X	X	X	X	
	X	X	X									X	KYA	970	309	500	San Francisco				X	X	X							
X	X	X	X									X	KQW	1010	297	500	San Jose				X	X	X	X	X	X	X	X	X	
X	X	X	X									X	KTAB	1070	280	500	Oakland				X	X	X	X	X	X	X	X	X	
												X	KFWI	1120	268	500	San Francisco				X	X	X	X	X	X	X	X	X	
	X	X										X	KRE	1170	256	100	Berkeley													
NORTHERN AND WESTERN STATES																														
	X	X								X	X	KGW	610	491	1000	Portland	X	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X										X	CFAC	690	434	2000	Calgary													
	X	X	X									X	KJR	860	349	2500	Seattle				X	X	X	X	X	X	X	X	X	
												X	KFOA	670	447	1000	Seattle			X	X	X	X	X	X	X	X	X	X	
X	X	X								X	X	X	KOA	920	328	5000	Denver	X	X	X										
												X	KOIN	940	319	1000	Portland	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X				X	X				X	KOMO	980	306	1000	Seattle			X	X	X	X	X	X	X	X	X	X	X
X	X			X	X							X	KSL	990	303	1000	Salt Lake City			X	X	X	X	X	X	X	X	X	X	
												X	KLZ	750	400	250	Denver			X	X	X	X							
												X	KMO	1180	254	250	Tacoma	X	X											
												X	KEX	1250	240	2500	Portland			X	X	X	X	X	X	X	X	X	X	

LACQUER

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

Phone HEMPSTEAD 7672

LIBERTY SIGN CO., 208-10-12 N. Western Ave., Los Angeles

Give Your Radio a Chance to 'Do Its Stuff'

Our experiments have demonstrated that more than 50% of the complaints received by radio dealers about poor performance of receivers sold by them have not been the result of defects in the receiver. It has been found that ineffective ground and antenna installations have been the chief source of trouble.

Give your radio a chance to do the work for which it was built by the manufacturers. Install an efficient aerial. . . then complete your antenna circuit by the installation of a Preston Permanent Radio Ground.

The Preston Ground has done more to improve radio reception for Southern California radio owners than any other accessory yet placed on the market. Write **TO-DAY** for free booklet that describes this efficient ground and reproduces letters from engineers who have tested it. . . from owners who use it.



C. H. Preston's
Permanent
Radio Ground
- PATENT APPLIED FOR -

Price

\$8⁰⁰



UNGAR & WATSON, INC.

Manufacturers

1366 South Figueroa St.

Phone WEstmore 2411

THE SEROY COMPANY

Distributors Northern California, Oregon, Washington
122 Broadway, OAKLAND, Calif.



STEWART-WARNER MATCHED-UNIT RADIO



Each unit of Stewart-Warner radio has been painstakingly matched in performance with the others to insure a degree of perfection that cannot be excelled.

Only Stewart-Warner, with its tremendous resources... its skilled radio engineers... its immense factories... could deliver radio equipment of Stewart-Warner standards at the prices at which Matched Unit Radio is sold.

In the interests of better radio performance and satisfaction you should hear a Stewart-Warner receiver and a S.W Organ-Voiced Reproducer before you buy any radio, regardless of price.

UNGAR & WATSON, INC.

Wholesale Distributors Stewart-Warner Radio

1366 South Figueroa St.

Phone Westmore 2411

Los Angeles, California—640 Kc.



KFI

5000 WATTS—468.5 METERS

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

ROBERT HURD

WEEK COMMENCING SUNDAY, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

- 10:00 a. m.—Services by L. A. Church Federation.
11:00 a. m.—Third Church of Christ, Scientist.
5:30 p. m.—Johnnie Dull and His Melody Boys Orchestra.
6:25 p. m.—Father Ricard's Sunspot Weather Forecast.
6:30 p. m.—N. B. C. Standard Oil Program broadcast over the P. C. N.
7:30 p. m.—Bob Buckner and his Sole Killers.
8:00 p. m.—N. B. C. Atwater Kent program, Michel Piastro, violinist, and Suzanne Keener. Broadcast over the P. C. N.
10:00 p. m.—Bill Funk and his Packard Six Orchestra; Dolly McDonald, Blues; Esther Walker, pianist.

MONDAY, NOVEMBER 7

- 5:30 p. m.—Glenn Edmund's Orchestra.
6:15 p. m.—George Wilder Cartwright.
6:30 p. m.—Gamut Male Quartette.
7:00 p. m.—Gene Johnston's Music Box Hour—Gene Johnston Trio.
8:00 p. m.—N. B. C. Grand Opera "Ernani," by Verdi.
9:00 p. m.—Vermont Square M. C. Church Choir, Floyd Brown, director.
10:00 p. m.—Roy Isnor's KFI Serenaders; Helen Guest.

TUESDAY, NOVEMBER 8

- 5:30 p. m.—The Dragon Hawaiians, Florence Sanger, Piano Moods.
6:15 p. m.—Music Appreciation Chat.
6:30 p. m.—Mary Rosetti and Don Parker; L. A. Fire Dept. Orchestra.
7:45 p. m.—Mantle Lamp Company of America.
8:00 p. m.—Mrs. Edward C. Crossman, contralto; Anna Croft, accompanist
8:30 p. m.—N. B. C. U. S. Playing Card Company Bridge Games, broadcast over the P. C. N.
9:00 p. m.—N. B. C. Retold Tales—"The Brief Debut of Tildy."

WEDNESDAY, NOVEMBER 9

- 10:45 to 11:05 a. m.—Betty Crocker—Gold Medal Talks.
5:30 p. m.—Sebastian's Cotton Club Orchestra.
6:15 p. m.—KFI Radiatorial Period.
6:30 p. m.—Hal Chasoff's Orchestra; Dare Sisters.
7:30 p. m.—Nick Harris Detective Stories.
8:00 p. m.—California Petroleum Corporation, Vernon Rickard, tenor; Calpet String Quartette (Ray Bailey, director); Eva Olivotti.

- 9:00 p. m.—N. B. C. "The Vagabonds at a Football Game."
10:00 p. m.—Nellie Callender Mills, violinist; Virginia McCoy, Zelma Rogers McCauley, Wilfred Fletcher.

THURSDAY, NOVEMBER 10

- 5:30 p. m.—Elkins & Hite's Dixieland Orchestra.
6:15 p. m.—Radiatorial Period by professor of the University of Southern California.
6:30 p. m.—Beekman Mandolin Orchestra.
7:00 p. m.—Program by University of Southern California.
8:00 p. m.—Drama Program, direction of Tacie Mae Hannah.
8:30 p. m.—Enid Newton Daily, pianist; Eric Strothmers, baritone.
9:00 p. m.—N. B. C. Classic Program. Pryor Moore Orchestra; Robert Hurd, tenor; Boris Myronoff, pianist; Maurine Dyer.
10:00 p. m.—Program of Modern Classical Music, Purcell Mayer, violinist; Florence Joy, accompanist.

FRIDAY, NOVEMBER 11

- 10:45 to 11:05 p. m.—Betty Crocker—Gold Talks.
5:30 p. m.—Bill Henry and Katherine O'Neill; Carl Hanson, Saw Artist.
6:00 p. m.—Florence Sanger, Piano Moods.
6:15 p. m.—Griffith Jones.
6:30 p. m.—Clarice Russell, blues singer; Rae Friedburg, pianist.
7:00 p. m.—Program by Paul Roberts, Harold Mulhollen and Yorke Coplen, violin duets; Harold Bayne Myers, accompanist.
8:00 p. m.—Boris Myronoff, concert pianist, Ira D. Morgan, baritone.
9:00 p. m.—N. B. C. "An Hour In Memory Lane," broadcast over the P. C. N.
10:00 p. m.—KFI Classic Hour.

SATURDAY, NOVEMBER 12

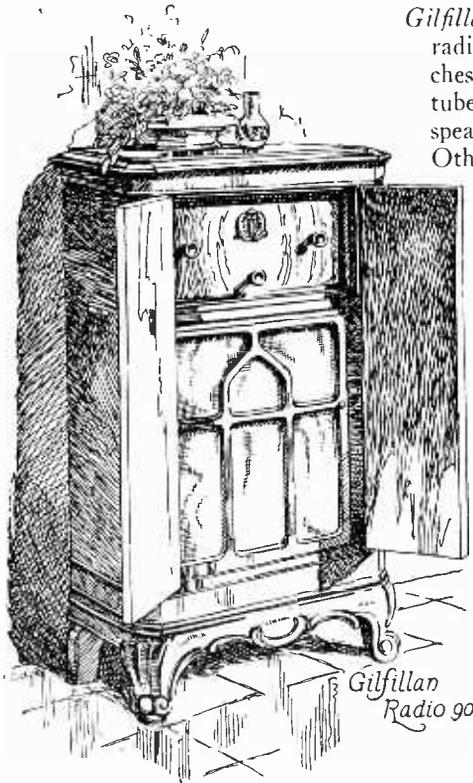
- 2:15 p. m.—Colorado—U. S. C. from Coliseum, sponsored by Associated Oil Co.
5:30 p. m.—Strangers Social Club Orchestra.
6:15 p. m.—Francis Sullivan, Radiatorial Period, presenting Library Talks.
6:30 p. m.—Tarvin Sisters.
7:00 p. m.—Schumann Program, Vera Arvey, pianist; Felipe Delgado, baritone, Lyric Spanish; Ida Marston, pianist.
8:00 p. m.—N. B. C. "Saturday Night Review," broadcast over the P. C. N.
9:00 p. m.—N. B. C. Philadelphia Storage Battery Co., broadcast over the P. C. N.
10:00 p. m.—Packard Program.
11:00 p. m.—KFI Midnight Frolic, Ace of Clubs Orchestra; Mosby's Dixieland Blue Blowers Orchestra.

RAY CAMPBELL

AC Sets, Transformers and Chokes,
1217 Dwiggis St., L. A., GA. 7891

GILFILLAN

SALES & SERVICE — HEMPSTEAD 5590
137 N. Larchmont Open Evenings



Gilfillan No. 90, de luxe radio. Walnut, 44 inches high. Complete, 6 tubes, power units, and speaker, \$685. Others \$65 up.

Gilfillan Radio

glorious of tone

Easy to get your station with a Gilfillan! Selector drum divided both in wave lengths and kilocycles. And one-dial control. TONE is simply superb. Truly, Gilfillan "catches the lightest breath of radio." The chassis aluminum-shielded against interference. Rola built-in loud-speaker in all console models.

NO BATTERIES required in the new Gilfillans. No acids, solutions or charges. Simply plug into electric light socket and enjoy. Ask to see them at Gilfillan dealers.

**GILFILLAN BROS., Los Angeles, Manufacturers and Distributors
For Southern California, except San Diego County
MOTOR HARDWARE & EQUIPMENT CO., Dist. for San Diego County
NIELSEN RADIO SUPPLY CO., Distributor for Arizona**



WILLIAM RAINEY
Announcer

National Broadcasting Co., Inc.

PACIFIC COAST NETWORK

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

Program for Week Commencing Sunday, Nov. 6

Sunday, Nov. 6—9 to 10 P. M.

The National Broadcasting Company will present "Sam Adams," Father of the American Revolution, during the "Great Moments of History Hour."

Sam Adams took an active part in the many events leading up to the Declaration of Independence and these interesting events will be told in dialog.

Monday, Nov. 7—8 to 9 P. M.

The Grand Opera, Ernani, will be presented under the direction of Max Dolin.

Verdi's "Ernani" is one of his earlier efforts, and is based on a drama by Victor Hugo of the same name. Ernani is a Spanish grandee whose father was murdered by Don Carlos, King of Castile, as a result of which he became an outlaw bandit-chieftain. The whole plot hangs on his extravagant respect for his own word and his loyalty to his oath.

Tuesday, Nov. 8—8:30 to 9 P. M.

The second Bridge lesson of the season, given by the U. S. Card Company. As on the previous Tuesday evening the game will actually be played by four players in the National Broadcasting Studio, while the announcer describes the play before the microphone.

Tuesday, Nov. 8—9 to 10 P. M.

The Eveready Four, sponsored by the National Carbon Company, promises to be of unusual merit. Featured will be the Eveready Orchestra under the direction of Max Dolin, and "The Rounders" under the direction of Dudley Chambers. This program will be broadcast over the Pacific Coast Network of the National Broadcasting Company.

A program of diversified entertainment has been planned. Orchestral numbers with unique arrangements and the ever-popular Rounders should prove enjoyable.

Tuesday, Nov. 8—10 to 11 P. M.

"Retold Tales Hour." The tale for this evening is "The Brief Debut of Tildy."

The story is of a young waitress in a New York chop house who became an imitator. It is a story of New York and how the other half of the world lives.

Wednesday, Nov. 9—9 to 10 P. M.

"The Vagabonds at a Football Game."

A program of typical college music with the various types of melody associated with football games.

Thursday, Nov. 10—9 to 10 P. M.

A program of classical music will originate in the Los Angeles studio of the National Broadcasting Company.

Pryor Moore and his orchestra will furnish the music, assisted by Robert Hurd, tenor, and Boris Myronoff.

Friday, Nov. 11—9 to 10 P. M.

"Lest We Forget" is the title of the scheduled program.

It is the purpose to recall, however faintly, some of the scenes of the War Days with the A. E. F. The comedies and humor, the splendid achievements and the dearly-bought victories. That is the purpose of this program.

Music to illustrate this program, popular numbers that gained fame during the war and war songs of other days will comprise this hour of music.

Saturday, Nov. 12—8 to 9 P. M.

A brief resume of the best of the week's program will comprise this hour of entertainment. Bits from the opera of the week, Memory Lane, The Vagabonds and the drama will all be used.

Saturday, Nov. 12—9 to 10 P. M.

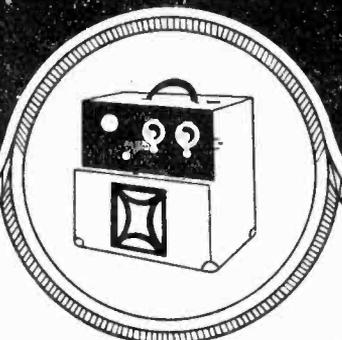
"Philco Hour," sponsored by the Philadelphia Storage Battery Company.

This battery of entertainment has proven to be very popular since they commenced a regular weekly program on the Pacific Coast. The Philco Orchestra will be featured on this program, and a program of suitable music with a number of unique orchestrations has been arranged.

A number of vocal soloists will be heard during this hour. Special arrangements have been provided for the soloists. With a well-balanced program of orchestral and vocal numbers this hour of entertainment should prove very popular.

Golden Bear AIR COLUMN
SPEAKER

Free Demonstration in Your
Home. Phone WEStmore 2712



KEMPER

LOS ANGELES
SAN FRANCISCO · SAN DIEGO
PORTLAND · SEATTLE · DENVER

Southern California Kemper Radio Shops

1511 West Sixth St.
Phone DRexel 9215
E. I. Wheeler, Mgr.

621 South Hill St.
Phone VAndike 4081
W. J. Brooks, Mgr.

Biltmore Hotel Arcade
Phone FAber 1000
Chas. J. Regan, Mgr.

1225 North Vine St.
Phone HOLlywood 3096
Fred J. Bennett, Mgr.

14 Broadway Arcade
Phone TUCKer 6016
Win Hancock, Mgr.

49 East Colorado St.
Pasadena WA-4771
S. E. Philpott, Mgr.

Roslyn Hotel
Phone FAbed 3300
W. W. Ballenger, Mgr.

130 Pacific Avenue
Long Beach 631-247
Albert Wutke, Mgr.

KEMPER RADIO CORPORATION

General Sales Offices and Display Room

Ambassador Hotel Los Angeles
Telephone Fitzroy 1428



"Uncle John" Daggett
Announcer

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, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

- 10:00 a. m.—Morning sermon from the KHJ studio by John Murdock MacInnes, dean of Bible Institute.
10:30 a. m.—Morning services from the First Methodist Episcopal Church: Arthur Blakeley, organist.
7:00 to 8:00 p. m.—Evening services from the First Methodist Episcopal Church.
8:00 to 10:00 p. m.—Program from the KHJ studio with the Van Nuys Trio, Times Aloha String Quartet, and Frederick MacMurray, viola soloist.

TUESDAY, NOVEMBER 8

- 6:30 p. m.—Uncle John and the children's hour with Lois Jane Campbell, "Brown Eyes;" Marguerite Bringham, "Nightingale;" Baby Jeannette James, reader; George Kerr, mandolin soloist, and the Playground Department Harmonica Band.
7:45 p. m.—Open forum. Talk by J. R. Keough, Deputy County Auditor.
8:00 to 9:00 p. m.—Harold Smyth, concert pianist, and Blanca Flor and her Spanish serenaders.
8:30 p. m.—Talk on "Health," by Dr. Frank McCoy.
9:00 to 10:00 p. m.—Concert hour, featuring Ira D. Morgan, lyric baritone.
9:00 p. m.—Talk on "Dogs," by H. M. Robertson.

WEDNESDAY, NOVEMBER 9

- 2:30 p. m.—Talk on "Gardening," by Fred C. McNabb.
6:30 p. m.—Uncle John and the children's hour with Dick Winslow, screen juvenile; Glenn Fitz, "Optimistic Mascot;" Patricia Eccleston, "Little Daffodil," and others.
7:45 p. m.—Talk on "Astronomy," by Dr. Mrs. Baumgardt.
8:00 to 9:00 p. m.—Times Aloha String Quartet and Pal O' Mine.

- 9:00 to 10:00 p. m.—Lee Sachs, concert pianist, and Mrs. Corydon Smith, xylophone soloist.

THURSDAY, NOVEMBER 10

- 6:30 p. m.—Uncle John and the children's hour with Rosetta Lewin, "Curly Locks;" David Rosenthal, 13-year-old saxophonist; Dickie Brandon, reader, and Joyce Coad, "Little Red Riding Hood."
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 by Zoellner Quartet; Leo H. Sansiper, Russian baritone, and Prof. C. F. Lindsley, "Literary Interpretations."

FRIDAY, NOVEMBER 11

- 6:30 p. m.—Uncle John and the children's hour with Henrietta Poland, "Little Forget-Me-Not;" Roberta Bush, "Firefly of KHJ;" Catherine Cotter, "Sweetheart of Radioland;" Charles Bowerman, reader; Nelita Bennet, "Ginger Bread Girl," and Richard Headrick, "Little Minister."
7:30 p. m.—Talk on "Care of the Body," by Dr. Philip M. Lovell.
7:45 p. m.—Vivian Marple, readings.
8:00 to 10:00 p. m.—Special Armistice Day program.

SATURDAY, NOVEMBER 12

- 2:45 p. m.—Football game from the Coliseum.
6:30 p. m.—Uncle John and the children's hour with Nona Clapp, "Sunshine Fairy;" Dolly Wright, "Dolly of Radioland;" Arthur Stevens, "King Arthur;" Marjorie Genevieve Lowe, "June Bug;" Bettiemae Pfefferkorn, "Bob-o-Link," and others.
7:30 p. m.—Talk by Aunt Dolly of The Times Junior Club.
8:00 to 10:00 p. m.—Saturday night frolic program.



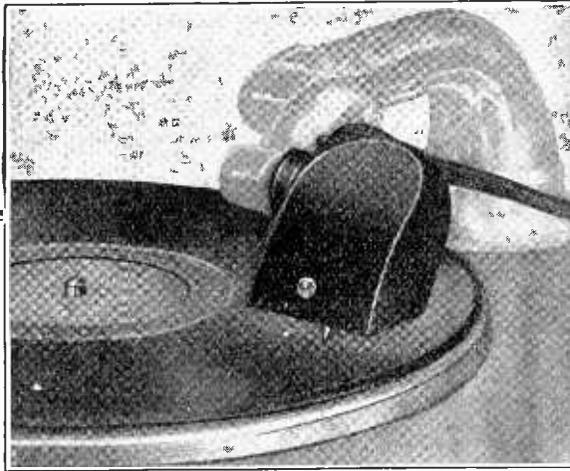
A CALIFORNIA PRODUCT

Especially Adapted to
Pacific Coast Climatic Conditions
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



Price
\$12.50
 ready
 to
 attach

Use your Radio to Electrify your Phonograph—attach the Pacent PHONOVOX THE Electric Pick-Up

Dealers!

Look into this fastest selling radio-phonograph accessory! Better and more convincing loud speaker demonstrations can be made with the Phonovox. Let us tell you how.

WITH the small investment of \$12.50 you can easily convert your old phonograph into an electric one by utilizing your radio and the Pacent PHONOVOX.

The superb reproduction, the wider range covered, the wonderful tone quality, and greater volume, especially when power tubes are used—rivalling that of the costly electric phonograph—will bring a new and keener enjoyment from your favorite records, repaying you many times over.

Your dealer will gladly demonstrate the Phonovox and show you how easily and quickly it is attached without tools or changes in wiring.



Representatives

J. P. HERMANS

585 Mission Street San Francisco

MARSHANK SALES CO.

224 East 16th Street Los Angeles

Manufactured by

PACENT RADIO CORPORATION

Makers of the famous Pacent Cone

Hollywood, Cal.—890 Kc.

KNX

500 WATTS—337 METERS

LOS ANGELES EVENING EXPRESS

Paul G. Hoffman's Studebaker Bldg., 616 Hollywood Blvd., Hollywood. Ph. HEMPstead 4101

NAYLOR ROGERS, Mgr. and Program Director

GLEN RICE, Assistant Manager

N. D. GARVER, Technical Engineer

"The Voice of Hollywood"

NAYLOR ROGERS
ManagerEDDIE 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.
- 8:00 a. m.—Inspirational talk and morning prayer.
- 8:55 a. m.—Time Signals from Washington, D. C., followed by Birthday Notices.
- 9:00 a. m.—Radio Shopping News, conducted by Carrie Preston Rittmeister.
- 10:00 a. m.—Town Crier of the Day's morning message.
- 10:30 a. m.—Kate Brew Vaughn, director Household Economics Department, Evening Express, except Friday and Saturday.
- 12:00 noon.—Musical program.
- 12:30 p. m.—W. F. Alder Travelogue.
- 1:30 p. m.—The Bookworm.
- 2:00 p. m.—Musical program.
- 3:00 p. m.—C. F. 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 Arnheim's Cocoanut Grove Orchestra.

WEEK COMMENCING SUNDAY, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

- 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, courtesy of Elec. Ltg. Sup. Co.
- 9:00 p. m.—Calmon Luboviski, master violinist; Claire Mellonino, pianist.

MONDAY, NOVEMBER 7

- 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 Caruretor Co.
- 9:30 p. m.—Feature program.

TUESDAY, NOVEMBER 8

- 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.

8:00 p. m.—Earl Burtnett's Biltmore Hotel Orchestra.

- 9:00 p. m.—Grauman's Chinese Theatre.
- 10:00 p. m.—Hotel Ambassador, Gus Arnheim's Cocoanut Grove Orchestra.

WEDNESDAY, NOVEMBER 9

- 4:00 p. m.—Garden talk
- 7:00 p. m.—Feature program.
- 7:30 p. m.—Imogene Cowan, through the courtesy of Georgia O. George.
- 8:00 p. m.—Feature program.

THURSDAY, NOVEMBER 10

- 11:00 a. m.—Talk on insects
- 4:00 p. m.—Louise Johnson, giving horoscopes.
- 7:00 p. m.—Carthay Circle Theatre organ
- 8:00 p. m.—Calmon Luboviski, master violinist; Claire Mellonino, pianist.
- 9:00 p. m.—Feature program.

FRIDAY, NOVEMBER 11

- 4:00 p. m.—L. A. District Federation of Women's Clubs, musical program.
- 7:00 p. m.—Desmond's College Rally program.
- 8:00 p. m.—Davis Perfection Bread Co.
- 9:00 p. m.—Earl Burtnett's Biltmore Hotel Orchestra.

- 10:00 p. m.—Broadcasting the Main Events from the Hollywood Legion Stadium.

SATURDAY, NOVEMBER 12

- 2:15 p. m.—Broadcasting the football game from the Los Angeles Coliseum.
- 7:00 p. m.—Stories of Insect Life
- 7:15 p. m.—Announcement of Sunday services of the leading Los Angeles churches.
- 7:30 p. m.—Feature program.
- 12:00 p. m.—The Midnight Express.

RADIOLASALES & SERVICE—AXridge 7106
4713 South Broadway—Open Nights

New Prices Make "Arm Chair Comfort" Possible . . . For Every One . . .



With the recent reduction in Atwater Kent radio products it is now possible for radio purchasers to obtain one of the world's standard receivers installed in one of the famous Pooley arm chair model cabinets at prices never before dreamed of. Visit your nearest Atwater Kent dealer and inspect this ideal combination.

"Arm Chair" model with Oriental decoration, built-in floating horn with Atwater Kent reproducing unit \$ 90

With Atwater Kent Model 30 receiver 154

With Atwater Kent Model 33 receiver 164

RAY THOMAS INC.
Atwater Kent Distributor

1248 S. Hope St. WE 6334
LOS ANGELES



BILL RAY
Announcer

Hollywood, Calif.
830 Kc.
K F W B

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.
Florence Israel—Program Arranger
Phone GL 9461
"Movie Land"



GERALD L. KING
Announcer

DAILY EXCEPT SUNDAY—

- 10:00 to 10:30 a.m.—Air Circus.
10:30 a.m.—Aunt Sammy Talks.
12:00 to 12:30 p.m.—Shopping Directory.
12:30 to 1:30 p.m.—Who's Who.
1:30 to 2:30 p.m.—Classified Hour.
4:45 to 5:15 p.m.—Air Circus.

- 5:15 to 5:45 p.m.—Radio Review.
5:45 to 6:00 p.m.—Town Tattler.
6:00 to 7:00 p.m.—Dinner Hour Concert.
7:50 to 8:00 p.m.—Daily News, except Saturday.
10:00 to 11:00 p.m.—Dance program.
11:00 to 12:00 midnight—Dance music.

WEEK COMMENCING SUNDAY, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

- 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.—Light Opera program, courtesy of Overell Furniture Co.
9:00 to 9:10 p.m.—Daily news.
9:10 to 10:00 p.m.—Ragtime Review.

MONDAY, NOVEMBER 7

- 10:30 to 10:40 a.m.—Housekeepers' Chat by Aunt Sammy of the U. S. Bureau of Home Economics—"We Visit the Fish Market."
7:00 to 7:30 p.m.—Program by courtesy of the Howard Marr Organization, Inc., featuring Vernon Rickard, tenor; Marrland Quartet in popular numbers.
7:30 to 7:50 p.m.—Musical program.
8:00 to 9:00 p.m.—Morris Sisters, harmony numbers; June Parker, blues songs; Warner Bros. Hawaiian Trio.
9:00 to 10:00 p.m.—Robert Cheatham, baritone; Warner Bros. Concert Quartet.

TUESDAY, NOVEMBER 8

- 10:30 to 10:40 a.m.—Housekeepers' Chat by Aunt Sammy of the U. S. Bureau of Home Economics—"The Modern Housewife's Workshop."
7:00 to 7:30 p.m.—Hugh Wellington Martyn, baritone; Marguerite Musche, soprano; Don Warner, pianist.
7:30 to 8:00 p.m.—Program by courtesy of Strasska Laboratories, featuring Charlie Hamp, entertainer.
8:00 to 8:10 p.m.—Daily news.
8:10 to 9:00 p.m.—Ann Grey, blues songs; the serenaders, Leon Belasky, violin, and Russell Colombo, violin, acc. Don Warner.
9:00 to 10:00 p.m.—Emma Kimmel, soprano; Jack Cronshaw's Concert Quartet.

WEDNESDAY, NOVEMBER 9

- 10:30 to 10:40 a.m.—Housekeepers' Chat by Aunt Sammy of the U. S. Bureau of Home Economics—"Suggestions for the Woman Who Sews."
2:30 to 4:45 p.m.—The Landry-Dooley Or-

- chestra by remote control from Cinderella Roof Ballroom.
7:00 to 7:50 p.m.—Program presented by Radio Doings.
8:00 to 9:00 p.m.—Chas. Beauchamp, tenor; Cyril Codwin Concert Trio.
9:00 to 10:00 p.m.—Gene Johnston's Hour,
THURSDAY, NOVEMBER 10
10:30 to 10:40 a.m.—Housekeepers' Chat by Aunt Sammy
4:15 to 4:45 p.m.—L. A. Police Quartet.
7:00 to 7:20 p.m.—Archie Ruggles, tenor;
7:20 to 7:50 p.m.—Program by courtesy of Elec-Tru-Tone Corporation.
8:00 to 9:00 p.m.—Morris Sisters, harmony numbers; Warner Bros. Hawaiian Trio.
9:00 to 10:00 p.m.—Vernon Rickard, tenor, Louise Sullivan's Trio.

FRIDAY, NOVEMBER 11

- 10:30 to 10:40 a.m.—Housekeepers' Chat by Aunt Sammy of the U. S. Bureau of Home Economics—"Suppers for Children."
4:15 to 4:45 p.m.—A. T. Rainey, Psychic.
7:00 to 7:30 p.m.—A one-act play presented by Playshop Players.
7:30 to 7:50 p.m.—Musical program.
8:00 to 9:00 p.m.—Ann Grey, blues songs; Warner Bros. Trio in popular numbers.
9:00 to 10:00 p.m.—David Percy, baritone; Warner Bros. Concert Quartet.

SATURDAY, NOVEMBER 12

- 2:30 to 3:30 p.m.—Harry Owens and his Orchestra by remote control from Rainbow Isle of the Mayfair Hotel by courtesy of Loyal Order of Moose.
3:30 to 3:45 p.m.—Musical program.
3:45 to 4:45 p.m.—The Landry-Dooley Orchestra by remote control from Cinderella Roof Ballroom.
7:00 to 7:30 p.m.—Musical program.
7:30 to 8:00 p.m.—Program in honor of Illustrated Daily News.
8:00 to 9:00 p.m.—Program by courtesy of Mona Motor Oil Co.

STEINITE HEADQUARTERS

CHILDS LABORATORY
2310 S. Union BEacon 7445



Free Demonstration in Your Home. Phone WEastmore 2712

Announcing---

The New 5-Tube Batteryless

RATHOLA

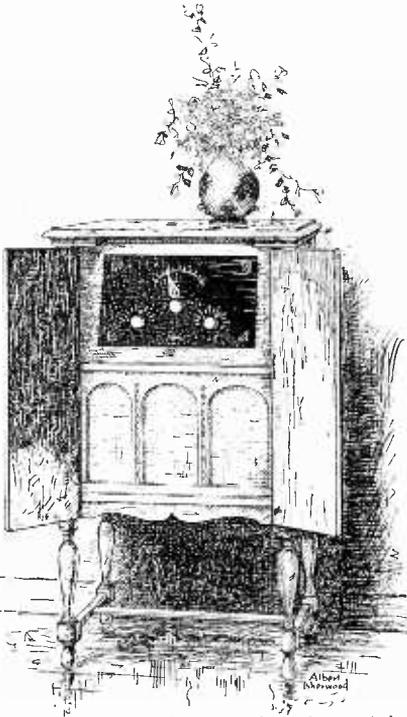
Two Days FREE Trial!

Price Only

\$124.50

1/4 Down

Balance 8 Months



NO

*batteries
acids
muss
fuss!*

Arrangements for two days free trial can be made by calling at either of our stores in Los Angeles:

FLETCHER RADIO MUSIC CO.

228 W. Ninth St.—In the New MAY CO. Garage Bldg.
Telephone VAndike 2555

4705 South Vermont Ave. Telephone VERmont 9589

[Also on Display at Vermont Ave. Store: Radiola, Bosch and A-K]

Both Stores Open Till 10 P. M.



G. Allison Phelps
Manager and Announcer

Hollywood, California
570 Kc.

K M T R

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



E. K. Barnes
Asst. Mgr.

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.
7:00 to 7:30 p. m.—Fitzgerald Music Company courtesy program, featuring Ampico and Panatropé.
10:00 to 11:00 p. m.—Miller's Cafe Lafayette Dance Orchestra, Ray West, director.

WEEK COMMENCING SUNDAY, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

- 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 Cheer.
7:00 to 8:00 p. m.—Miller's Cafe Lafayette Concert Orchestra.
8:00 to 10:00 p. m.—Program featuring Loren Powell's Little Symphony.

MODAY, NOVEMBER 7

- 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.—Thirty minutes of Sunshine with Charles Hamp, courtesy of Skaska's Tooth Paste.
8:00 to 10:00 p. m.—Courtesy program.

TUESDAY, NOVEMBER 8

- 9:00 to 10:00 p. m.—Sylvia, the Blind Cook.
10:00 to 11:00 a. m.—Hair-a-Gain program.
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, Jean Cameron, soprano, and Ralph Riley, tenor, in a Southern program.
9:00 to 10:00 p. m.—C. E. Toberman Co., Outpost Estates, courtesy program.

WEDNESDAY, NOVEMBER 9

- 9:30 to 10:00 a. m.—Travel talk by Dr. S. J. Mathieson.
1:00 to 1:30 p. m.—Hollywood Chamber of Commerce courtesy program.
3:30 to 4:00 p. m.—Carthay Circle Theater prologue.
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 10

- 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.
3:00 to 4:00 p. m.—Jintown 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.—Thirty minutes of Sunshine with Charles Hamp, courtesy of Straska's Tooth Paste.
8:00 to 10:00 p. m.—Ruth Roland Night.

FRIDAY, NOVEMBER 11

- 10:00 to 11:00 a. m.—Thirty minutes of Sunshine with Charles Hamp, courtesy of Straska's Tooth Paste.
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.—Courtesy Program.
9:00 to 10:00 p. m.—C. E. Toberman Company, Outpost Estates, courtesy program.

SATURDAY, NOVEMBER 12

- 9:00 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.
8:00 to 10:00 p. m.—KMTR Movie Club gram.
10:00 to 12:00 p. m.—Miller's Cafe Lafayette.

Golden Bear AIR COLUMN SPEAKER

Free Demonstration in Your Home. Phone WESTmore 2712



End forever your battery worries. Equip your set with Pemco and enjoy the satisfaction of perfect reception—always.

Run Your Radio with "Pemco" Light Socket Power

PEMCO is guaranteed to give absolute satisfaction and to improve the tone quality of your set. It is entirely automatic—no switches to worry about. Just hook it up to your set, plug in the electric light socket and forget it.

A big help where distance is desired, as it furnishes an even maximum flow of power when needed.

A small down payment is all that is required for installation (less than the cost of new batteries). The balance on easy terms. Any dealer will gladly demonstrate a Pemco on your own set free of cost. Put a Pemco to the test. No further argument will be needed.



Pemco

Automatic
"A" and "B" Power Unit

Distributed in Los Angeles by

RAY THOMAS, INC. :: PACIFIC WHOLESALE, INC.

Manufactured by **PRECISION ELECTRIC MANUFACTURING CORP., Los Angeles 48**



Los Angeles, California 1190 Kc.

K P L A

500 WATTS—252 METERS

Commercial Exchange Bldg., 8th and Olive Sts.
Los Angeles, TRinity 3202

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.—Bulletin—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.—Dean McCluskey and his Oregon Aggravators from the Romola Theatre.

10:00 to 11:00 p. m.—Palais de Dance by remote control, featuring Ralph Markey and his Musical Keys.

SUNDAY, NOVEMBER 6

6:30 to 7:00 p. m.—Dr. David Edstrom,

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, NOVEMBER 7

8:00 to 8:30 p. m.—Doris Decker, LeRoy Kullberg, Ida Schetz, Coral Atkins, Fred Clint, Red Allen and his Paulais Orchestra.

TUESDAY, NOVEMBER 8

8:00 to 8:30 p. m.—Bob Barker and Tod Watterman.

8:30 to 9:00 p. m.—Virginia McCay and N. N. Russell.

9:00 to 9:30 p. m.—Bert Fahrquason, Frankie Merlowe, Charlie Ilch and Mildred Proctor.

9:30 to 10:00 p. m.—Round by round re-

turns of the main event from Olympic Auditorium—by remote control.

WEDNESDAY, NOVEMBER 9

8:00 to 9:00 p. m.—Billy Barron; Mable Lenahan and Red Wyatt.

THURSDAY, NOVEMBER 10

8:00 to 9:00 p. m.—Studio program.

9:00 to 10:00 p. m.—Florentine String Trio;

FRIDAY, NOVEMBER 11

8:00 to 8:30 p. m.—Waikiki Hawaiian Trio.

8:30 to 9:00 p. m.—Edward Oversby.

9:00 to 10:00 p. m.—College Rally Program.

SATURDAY, NOVEMBER 12

4:00 to 4:30 p. m.—Bob Harker and Tod Watterman—Banjo duets.

8:00 to 9:00 p. m.—Carfagne String Quartette; Emma Kimmell; Glen Pearce.

9:00 to 9:30 p. m.—Wint Cotton and Leigh Harline.

9:30 to 10:00 p. m.—Waikiki Hawaiian Trip; Don Parker.

LEIGH HARLINE



HARRY A. JAMES

Announcer

KELW Burbank, California—1310 Kc

MAGNOLIA PARK

250 WATTS—228.9 METERS

"The White Spot of the San Fernando Valley"

EARL L. WHITE, Owner. Phone, Burbank 1192
GEORGE W. BUNTON, Gen. Mgr. HARRY A. JAMES, Program Mgr.
STUART F. WAINWRIGHT, Technical Engineer

DAILY—

11:00 to 12:00 p. m.—Burbank Promotion Hour.

12:00 to 2:00 p. m.—Press Hour and World News.

6:00 to 7:00 p. m.—California String Quartet.

WEEK COMMENCING MONDAY, NOVEMBER 7, 1927

9:00 to 10:00 p. m.—California String Quartet; Bill Nestell,

FRIDAY, NOVEMBER 11

5:00 to 6:00 p. m.—Collins Radio Shop hour.

7:00 to 8:00 p. m.—Tribune Hour.

8:00 to 9:00 p. m.—City of San Fernando program, featuring Instrumental Trio

9:00 to 11:00 p. m.—Special—Armistice Day program.

SATURDAY, NOVEMBER 12

7:00 to 8:00 p. m.—Feature program.

8:00 to 9:00 p. m.—Howard Cavanah, tenor; Beatrice Cavanah, soprano; Mel Hunt,

9:00 to 10:00 p. m.—California String Quartet; Eva Jenkins, whistler;

7:00 to 8:00 p. m.—Mammy's Shack Orch.
8:00 to 9:00 p. m.—Hubbell Bros. Trio and Bert Lacy, pianist,

9:00 to 10:00 p. m.—Magnolia Park Trio;

TUESDAY, NOVEMBER 8

7:00 to 8:00 p. m.—Drama Hour.

8:00 to 9:00 p. m.—KELW Trio;

9:00 to 10:00 p. m.—Blue Demons Orch.

WEDNESDAY, NOVEMBER 9

9:00 to 10:00 p. m.—Studio program.

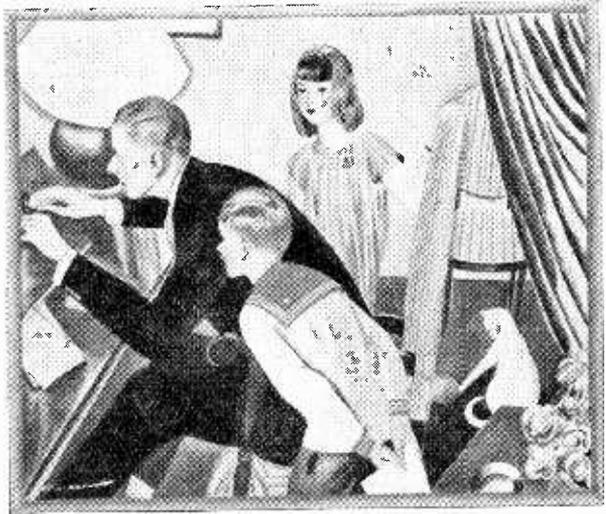
THURSDAY, NOVEMBER 10

7:00 to 8:00 p. m.—Magnolia Park Sales Organization program.

8:00 to 9:00 p. m.—Calif. Mixed. Quartet.

Silent Magic

Here is the Eveready Layerbilt "B" Battery No. 486, Eveready's longest-lasting provider of Battery Power.



Radio is better with *Battery Power*

IF A radio set is to work at its very best, attracting no attention to itself, creating for you the illusion that can be so convincing, you must pay a little attention to the kind of power you give it. There is but one direction, a simple one—use Battery Power. Only such power is steady, uniform, silent. It is called by scientists pure Direct Current. Any other kind of current in your radio set may put a hum into the purest note of a flute, a scratch into the song of the greatest singer, a rattle into the voice of any orator.

Don't tamper with tone. Beware of interfering with illusion. Power that reveals its presence by its noise is like a magician's assistant who gives the trick away. Use batteries—use the Eveready Layerbilt "B" Battery No. 486, the remarkable battery whose exclusive, patented construction makes it last longest. It offers

you the gift of convenience, a gift that you will appreciate almost as much as you will cherish the perfection of reception that only Battery Power makes possible.

NATIONAL CARBON CO., INC.
New York  San Francisco

Unit of

Union Carbide and Carbon Corporation

Tuesday night is Eveready Hour Night
Pacific Coast Stations—
9 P. M., Pacific Standard Time
KPO-KGO—San Francisco
KFOA-KOMO—Seattle
KFI—Los Angeles
KGW—Portland

EVEREADY
Radio Batteries
—they last longer

The air is full of things you shouldn't miss



Aimee Semple McPherson

Los Angeles, California—1090 Kc.

KFSG

500 WATTS—275.1 METERS
ANGELUS TEMPLE, ECHO PARK. Fitzroy 5121
AIMEE SEMPLE MCPHERSON, Founder, President
P. S. LUCAS, Technician in Charge
"Four Square Gospel"

DAILY EXCEPT SUNDAY AND MONDAY—

10:30 to 11:30 a. m.—Sunshine Hour.

11:30 a. m. to 12:30 p. m.—Noonday Musical.

2:30 to 3:30 p. m.—Grey Studio Program, except Wednesday.

6:30 to 7:30 p. m.—Angelus Hour.

WEEK COMMENCING SUNDAY, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

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, NOVEMBER 7

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 evangelist.

WEDNESDAY, NOVEMBER 9

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.

THURSDAY, NOVEMBER 10

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 11

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 12

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

7:30 to 9:30 p. m.—Divine Healing Service, Aimee Semple McPherson.

Los Angeles, California—1040 Kc.

KTBI

500 WATTS—288.3 METERS
BIBLE INSTITUTE OF LOS ANGELES
PROF. H. G. TOVEY, Director of Programs
Phone ME. 6701

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, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

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

3:00 to 4:00 p. m.—Jewish Radio Hour.

6:00 to 7:00 p. m.—Radio Vesper Service.

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

MONDAY, NOVEMBER 7

2:00 to 3:00 p. m.—Monday Club. Special

speaker, Herbert G. Tovey, soloist and song leader. Keith L. Brooks, pianist.

FRIDAY, NOVEMBER 11

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.

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

KGFJ**Los Angeles, California—1440 Kc.**

208.2 METERS

Washington Blvd. at Oak Street, Los Angeles, California

Owned and Operated by BEN S. McGLASHAN

Phones: WESTmore 7593 and WESTmore 8855

"Keeping Good Folks Joyful"

DAILY EXCEPT SUNDAY—

6:30 to 8:30 a. m.—Breakfast Hour, courtesy of the Aero-Adds Service, with the Dixie Vagabonds.

8:30 to 9:30 a. m.—Gordon Smith's Radiotising Service with the Electrola.

12:00 to 1:00 p. m.—Classical records played on the Electrola.

1:00 to 3:30 p. m.—Studio programs featuring Florence Sanger, pianist; Cralie Cole, tenor; Lou Parker, contra-contralto; Margaret Benton, ballad; Nell Larson, pianist; Frank Martin, tenor on varied programs.

8:00 to 9:00 p. m.—El Patio by remote control from the ballroom.

WEEK COMMENCING MONDAY, NOVEMBER 7, 1927**MONDAY, NOVEMBER 7**
6:00 to 7:00 p. m.—Fred Thomasson and his Hawaiian Entertainers.

7:00 to 8:00 p. m.—Imperial Orchestra, playing a request program.

WEDNESDAY, NOVEMBER 9
6:00 to 7:00 p. m.—Benny Merrill, banjoist; Otto Hoeg, pianist; Billy Eaves, tenor.

7:00 to 8:00 p. m.—Inex Small, blues singer, and Rae Friedberg, pianist.

THURSDAY, NOVEMBER 10
6:00 to 7:00 p. m.—Annandale Trio.

7:00 to 8:00 p. m.—Happy Four String Quartette.

FRIDAY, NOVEMBER 11
6:00 to 7:00 p. m.—Metropolitan School of Music.

7:00 to 8:00 p. m.—Golden State Hawaiian Trio.

SATURDAY, NOVEMBER 12
6:00 to 7:00 p. m.—Benny Merrill, banjoist; Otto Hoeg, pianist; Billy Eaves, tenor.
7:00 to 8:00 p. m.—Happy Four String Trio.**E. C. HUCKABEE****KGEF**500 WATTS—263 METERS
TRINITY METHODIST CHURCH
BOB SHULER, Pastor
Phone WESTmore 9834
C. C. HOOPER, Manager
M. J. HANKINS, Technician**WEEK COMMENCING SUNDAY, NOVEMBER 6, 1927****SUNDAY, NOVEMBER 6**

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

5:00 to 6:00 p. m.—Vesper Hour.

7:00 to 8:00 p. m.—Trinity Church Choir.

8:00 to 9:00 p. m.—Rev. Bob Shuler.

9:00 to 10:00 p. m.—Old Songs Quartet.

10:00 to 10:30 p. m.—Bob Shuler.

6:45 to 7:30 p. m.—O. D. Conrey's Bible Class.

7:30 to 9:30 p. m.—Revival Services.

THURSDAY, NOVEMBER 10

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

7:00 to 7:30 p. m.—Studio Musical program.

7:30 to 9:30 p. m.—Revival Services.

FRIDAY, NOVEMBER 11

6:30 to 7:00 p. m.—Mary Jane and Hired Man.

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

7:30 to 9:30 p. m.—Revival Services.

**Get Real Enjoyment from DX Hunting
A Bouldin Cage Antenna**

(U. S. Navy type) . . . silver plated to lower radio frequency resistance and gold plated (24K) to prevent oxidation and insure permanency . . . will increase the signal volume and give you clearer reception and improve tone.

Priced at \$15.00

Sent direct on receipt of Money Order or Check.

ANTENNA SERVICE CO.

5107 Oakland St. GARfield 2998

Los Angeles, Calif.

Illustrated Folder Sent Upon Request.



A. R. AINSWORTH
Announcer

K M I C

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"



JAMES FOUCH
Manager

DAILY EXCEPT SUNDAY—

- 7:00 to 8:00 a. m.—Shopping List with Happy Jack.
8:00 to 9:00 a. m.—Little Eddie Barnes hour.
9:00 to 10:00 a. 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 Rubiyat Ballroom at Huntington Park, except Monday.

SUNDAY, NOVEMBER 6

- 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.

MONDAY, NOVEMBER 7

- 7:00 to 8:00 p. m.—Roberts' Golden State Band, courtesy City of Inglewood.

TUESDAY, NOVEMBER 8

- 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 9

- 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 10

- 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 11

- 7:00 to 8:00 p. m.—Minnie Petrie, soprano; Don Miner, tenor.

SATURDAY, NOVEMBER 12

- 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;

CALL WESTMORE 9065 FOR YOUR PHILCO

Pasadena, California—950 Kc.

KPSN

PASADENA STAR-NEWS
1000 WATTS—315.8 METERS
GEORGE CECIL COWING, Managing Director
GEORGE FRENGER, Program Manager
HERSHEL SATTERFIELD, Chief Technician
PERCY C. PRYOR, Studio Office
Phone Wakefield 3111

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

WEEK COMMENCING SUNDAY, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

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

TUESDAY, NOVEMBER 8

- 8:00 to 9:00 p. m.—Star-News concert with James H. Shearer, organist; Frederick

MacMurray, viola soloist; George Frenger, tenor soloist.

THURSDAY, NOVEMBER 10

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

SATURDAY, NOVEMBER 12

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

HUMLESS "A" ELIMINATOR KITS

Require 15 minutes for assembly.

Using the Raytheon Cartridge for rectification—delivers pure DC for your filament circuit. Hundreds of pleased users recommend this highly efficient unit.

DISTANCE! PARAGON CONE GROUND

Of exceptional merit for long distance reception.

Paragon Distance Ground is completely welded, has no soldered joint and lasts indefinitely. In use by every telephone company in California.

Approved by the Board of Fire Underwriters

GUARANTEED RADIO TUBES

Manufactured by
GUARANTY TUBE CO.
Harrison, N. J.

This Radio Tube is of superior quality and guaranteed for one full year.

An Interesting Proposition for Live Radio Dealers

BATTERYLESS RADIO RECEIVERS

via

CRYSTAL DETECTOR

Complete kits and circuit at your command.

Ask for details.

We Carry a Complete Stock of Standard Radio Equipment for Dealers and Builders

Radio Manufacturers Supply Co.

1000 SOUTH BROADWAY

CORNER 10th STREET

LOS ANGELES



ALLAN FAIRCCHILD

Los Angeles, California—1290 Kc.

KFQZ

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

DAILY EXCEPT SUNDAY—

- 11:00 a. m.—Sohmer Welte Mignon Popular Hour, courtesy Barker Bros.
1:00 to 2:00 p. m.—Panatrophe Hour.
2:00 to 3:00 p. m.—Frank Martin and Hazel McCauley in Popular Numbers.
3:00 to 4:00 p. m.—KFQZ Studio Orchestra|
4:00 to 5:00 p. m.—Welte Mignon Popular Hour.
5:00 p. m.—Booster Hour, courtesy Southern California Mfrs. Exhibit.
6:00 p. m.—Panatrophe 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
2:00 p. m.—Tryouts (not broadcast). THURSDAY ONLY.

WEEK COMMENCING SUNDAY, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

- 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 Melody Boys; Charlie Cole, soloist; Jock McGilp, Scotch comedian; Winnie Petrie.

MONDAY, NOVEMBER 7

- 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.—Calawaila Hawaiian Trio, Don Stephens, Lee Fenton, and Phyrne Alston.
9:00 to 10:00 p. m.—Myra Bell Vickers Vocal Hour.
10:00 to 11:00 p. m.—Rae Silverman and the California Banjo Boys; Fred Thomasson and Hawaiian Entertainers.

TUESDAY, NOVEMBER 8

- 12:00 to 1:00 p. m.—Art Schwartz, Lucia Jay, Hazel and the Handy Man, Jack Lee and 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; Jerry Grant and his Elite Dance Orchestra.
10:00 to 11:00 p. m.—Fred Wesley, soloist; Walter Hargeshimer, pianist; Jerry Grant and his Elite Dance Orchestra.

WEDNESDAY, NOVEMBER 9

- 12:00 to 1:00 p. m.—Jack Lee and his Orchestra; Lucia Ruiz Jay.
7:00 to 8:00 p. m.—Clint Stevenson's Ha-

waiian Trio; Don Stephens and Margaret Ruth Kernan.

- 9:00 to 10:00 p. m.—Van Sisters Trio; Semi-Classical Hour, and Phyrne Alston.
10:00 to 11:00 p. m.—Fred Wesley, soloist; Wesley Van Doren, Melody Pianist, and Beverly Play Boys.

THURSDAY, NOVEMBER 10

- 12:00 to 1:00 p. m.—Lucia Ruiz Jay, Hazel and the Handy Man; Jack Lee and his orchestra.
2:00 to 3:00 p. m.—Tryouts, not broadcast.
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 11

- 12:00 to 1:00 p. m.—KFQZ Band, Hazel and the Handy Man.
7:00 to 8:00 p. m.—Playgoers Club, founded 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 12

- 12:00 to 1:00 p. m.—Paris Inn Cafe Orchestra under direction of Chas. Offenbergh.
7:00 to 8:00 p. m.—Louise Moody Trio and Don Stevens, baritone.
9:00 to 10:00 p. m.—Leonard Van Berg and Tivoli Four.
10:00 to 11:00 p. m.—Jack Lee and his orchestra and Leonard Van Berg. Betty Moffet and her Sisters.

CALL WESTMORE 9065 FOR YOUR PHILCO

OFFICIAL MAGNAFORMER SERVICE STATION for HOLLYWOOD
H. A. Everest, 1032 North Ogden Dr. GRanite 9915.

Authorized Radiola Dealer

*Courteous
Competent
Salesmen*



*Servicing
by
Experts*

RADIOLA 17

The New RCA AC Set Is Performing Beyond Expectations.
A Limited Number Now Here for Delivery.

“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.



TOM MITCHELL
Announcer

Santa Monica, California—800 Kc.

KNRC

500 WATTS—37½ METERS
Owned and Operated by
KIERULFF & RAVENSCROFT COMPANY
Municipal Auditorium, Ocean Park, Santa Monica,
Calif. Phone Santa Monica 63-101.
TOM MITCHELL, Studio Manager and Announcer.
C. B. JUNEAU, Transmission Engineer
R. L. RUST, Advertising Manager
"The Station with a Smile"

DAILY EXCEPT SUNDAY—

2:30 to 3:00 p. m.—Band concert.
3:15 to 4:00 p. m.—Band concert.
5:00 to 6:00 p. m.—Merchants' hour.
6:00 to 7:00 p. m.—Casa Del Mar organ.

WEEK COMMENCING SUNDAY, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

10:45 to 11:45 a. m.—Lutheran Church.
2:30 to 4:00 p. m.—Band concert.
6:15 to 7:00 p. m.—Lutheran Church.
7:00 to 8:00 p. m.—Casa Del Mar.
8:00 to 9:00 p. m.—Band concert.
9:00 to 10:00 p. m.—Casa Del Mar.

MONDAY, NOVEMBER 7

2:00 to 2:30 p. m.—Studio.
7:00 to 8:00 p. m.—Helen and Jim.
8:00 to 9:00 p. m.—Band concert.
9:00 to 10:00 p. m.—Shirley Mukin, pianist.
10:00 to 11:00 p. m.—Casa Del Mar Organ.

TUESDAY, NOVEMBER 8

1:30 to 2:00 p. m.—Studio.
2:00 to 2:30 p. m.—l. B. S. A.
3:00 to 3:15 p. m.—Studio.
7:00 to 8:00 p. m.—Helen and Jim.
8:00 to 9:00 p. m.—Band concert.
9:00 to 10:00 p. m.—Studio.
10:00 to 11:00 p. m.—Casa Del Mar.

WEDNESDAY, NOVEMBER 9

1:30 to 2:30 p. m.—Studio.
3:00 to 3:15 p. m.—Studio.
7:00 to 8:00 p. m.—Helen and Jim.
8:00 to 8:10 p. m.—Eugene Biscailus.
8:10 to 8:30 p. m.—Band.
8:30 to 9:30 p. m.—Edgewater Club.
9:30 to 10:30 p. m.—Fights given blow by
blow from ringside at Ocean Park Ath-
letic Club.

10:30 to 11:30 p. m.—Casa Del Mar Or-
chestra.

THURSDAY, NOVEMBER 10

1:30 to 2:00 p. m.—Studio.
2:00 to 2:30 p. m.—l. B. S. A.
3:00 to 3:15 p. m.—Studio.
7:00 to 8:00 p. m.—Helen and Jim.
8:00 to 9:00 p. m.—Band concert.
9:00 to 10:00 p. m.—Studio.
10:00 to 11:00 p. m.—Casa Del Mar Or-
chestra.

FRIDAY, NOVEMBER 11

1:30 to 2:30 p. m.—Studio.
3:00 to 3:15 p. m.—Studio.
7:00 to 8:00 p. m.—Helen and Jim.
8:00 to 8:10 p. m.—Jack Boaz, Hunting and
Fishing Scout.
8:10 to 9:00 p. m.—Band concert.
9:00 to 10:00 p. m.—Edgewater Club Or-
chestra.
10:00 to 11:00 p. m.—Casa Del Mar Or-
chestra.

SATURDAY, NOVEMBER 12

1:30 to 2:00 p. m.—Studio.
2:00 to 2:30 p. m.—l. B. S. A.
3:00 to 3:15 p. m.—Studio.
7:00 to 8:00 p. m.—Helen and Jim.
8:00 to 9:00 p. m.—Band concert.
9:00 to 10:00 p. m.—Gables Club program
10:00 to 11:00 p. m.—Casa Del Mar Or-
chestra.
11:00 to 12:00 p. m.—Edgewater Club Or-
chestra.

Avalon, California—1000 Kc.

KFWO

THE CATALINA ISLAND STATION
(Non-Commercial)
Power 250 Watts—300 Meters
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

Major Lawrence Mott
Announcer

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
concert. Lobby

MONDAYS

Silent.

TUESDAYS

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

6:00 to 6:30 p. m.—Riviera Theatre Organ.

FRIDAYS

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.**



TOM SEXTON

San Diego, California—680 Kc.

KFSD

500 WATTS—440.9 METERS
Grant Hotel, 326 Broadway, San Diego
Telephone Main 8661

H. C. ROGERS, President and General Manager
TOM SEXTON, Announcer
"A Kiss from San Diego"

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, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

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, NOVEMBER 7

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

TUESDAY, NOVEMBER 8

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

WEDNESDAY, NOVEMBER 9

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 10

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 11

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 12

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.



Free Demonstration in Your Home. Phone WESTmore 2712

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

2408 W. Vernon

E. K. HAYES
VERmont 6543

Los Angeles, Calif.



"HAL" G. NICHOLS
Manager

K F O N

Long Beach, California
1240 Kc.

500 WATTS—242 METERS
PIGGLY WIGGLY STATION

Owned and Operated by
NICHOLS & WARINNER, INC.

Studio: 211 Jergins Trust Bldg. 617-19, 614-60
Office: 212 Jergins Trust Bldg. 617-19, 614-60



CLARENCE CRARY
Announcer

"Where Your Ship Comes In"

DAILY—

4:30 to 7:00 p. m.—Piggly 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 p. m.—Devotional period.

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

DAILY EXCEPT SUNDAY—

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

12:00 noon—Lost and Found announcements.

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

DAILY EXCEPT MONDAY—

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

8:00 to 9:00 p. m.—Press-Telegram, presenting Long Beach Municipal Band.

WEEK COMMENCING SUNDAY, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

9:30 to 11:00 a. m.—Studio Organ Recital.

11:00 to 12:30 p. m.—Church of Christ.

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."

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

9:00 to 12:00 midnight—"All Star Nite."

MONDAY, NOVEMBER 7

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 Study 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 Frolic.

TUESDAY, NOVEMBER 8

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 Orch.

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 9

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 Company.

7:00 to 8:00 p. m.—Hirshfield's Fashion Review and Dress Well Club.

9:00 to 10:00 p. m.—"Piggly Wiggly Limited."

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

11:00 to 12:00 midnight—Pacific Coast Club.

THURSDAY, NOVEMBER 10

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 11

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.—Masonic Club Luncheon.

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 12

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.—Piggly Wiggly Hawaii.

9:00 to 10:00 p. m.—Masterpiece Program.

10:00 to 11:00 p. m.—Pacific Coast Club.

11:00 to 12:00 midnight—Breakers Hotel Orchestra.

Golden Bear AIR COLUMN SPEAKER

Free Demonstration in Your Home. Phone WEStmore 2712

You Wont Believe It Until You Hear It Yourself

“There was once a man who was the proud possessor of the best radio speaker in the world, at least he thought so.

His friends noticed that it chattered and squeaked, but even they did not know that it failed to reproduce half the musical notes received from the broadcast station.

The proud owner refused to believe it was possible to beat his own cherished loud speaker, until one day he heard for the first time

A JENSEN DYNAMIC SPEAKER

Now, being a man of wisdom, he is listening for the first time to tone quality that has never been equaled, to bass notes, high notes and overtones that his old speaker would not even reproduce, and the old cherished loud speaker of former days is relegated to the ashcan.”

Perhaps you would like to compare your present speaker with a

JENSEN DYNAMIC

Step into the nearest radio store and ask for a demonstration.

If the dealer does not handle the Jensen Speaker, phone us for the name of a dealer who does.

Priced at \$65, and Worth More

Exclusive Wholesale Distributors

YALE RADIO ELECTRIC CO.

1111 Wall St.

Westmore 3351

Los Angeles



CURTIS PECK
Announcer

San Francisco, California—710 Kc.

KPO

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 9:00 a. m.—Health and Happiness Period.
10:30 to 10:45 a. m.—"Ye Towne Crier."
11:30 to 1:00 p. m.—Kane's Hawaiians.
12:00 noon—Time Signals.
1:15 p. m.—Stock and Fruit Reports, except Friday.
1:00 to 2:00 p. m.—KPO Orchestra.
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."
6:30 to 7:30 p. m.—KPO Orchestra except Tuesday, Friday and Saturday.
7:30 to 8:00 p. m.—DX period.

WEEK COMMENCING SUNDAY, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

9:45 to 10:30 a. m.—Undenominational and non-sectarian church services.
6:00 to 6:30 p. m.—States Restaurant Orch.
6:30 to 7:30 p. m.—Standard Symphony Hour.
7:30 to 8:30 p. m.—Organ Melodies.
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, NOVEMBER 7

6:30 to 7:15 p. m.—Organ Recital.
7:15 to 7:30 p. m.—Book review by Harold Small of The Chronicle.
8:00 to 9:00 p. m.—Program by N. B. C.
9:00 to 10:00 p. m.—Program for San Francisco branch of manufacturers of White

King and Mission Bell Soaps.

10:00 to 12:00 midnight—KPO Variety Hour.
TUESDAY, NOVEMBER 8

10:00 to 10:30 a. m.—Activity conducted by Ann Warner, domestic economist.
4:00 to 5:00 p. m.—KPO Orchestra.
6:30 to 7:30 p. m.—States Restaurant Orch.
8:00 to 8:30 p. m.—Organ Recital.
8:30 to 9:00 p. m.—Bridge lesson, P. C. N.
9:00 to 11:00 p. m.—N. B. C. program over P. C. N.

WEDNESDAY, NOVEMBER 9

6:30 to 7:00 p. m.—Organ Recital.
7:00 to 7:30 p. m.—Studio program.
8:00 to 9:00 p. m.—Program by the Atwater Kent Artists.
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.

THURSDAY, NOVEMBER 10

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.—Studio program.
8:00 to 9:00 p. m.—Chickering 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 11

10:40 a. m.—Fashion talk by Ninon, fashion critic of The Chronicle.
10:45 a. m.—Betty Crocker's Gold Medal Flour home service talk.
12:45 p. m.—Address from the Commonwealth Club luncheon at the Palace Hotel.
4:00 to 5:00 p. m.—KPO Orchestra.
6:30 to 7:00 p. m.—Program by Board of Education.

7:00 to 7:30 p. m.—Studio program.
8:00 to 9:00 p. m.—Program for Calif. Pet. Corp. featuring Calpet Orchestra.
9:00 to 10:00 p. m.—Hour of Chamber Music, presenting the Abas String Quartet.
10:00 to 11:00 p. m.—N. B. C. Network prog.

SATURDAY, NOVEMBER 12

10:00 to 10:30 a. m.—Activity conducted by Ann Warner, domestic economist.
4:00 to 5:00 p. m.—KPO Orchestra.
2:00 to 5:00 p. m.—Play by play broadcast of football game for Associated Oil Co.
6:30 to 7:30 p. m.—States Restaurant Orch.
8:00 to 9:00 p. m.—Program by N. B. C. over P. C. N.
9:00 to 10:00 p. m.—N. B. C. program.
10:00 to 11:00 p. m.—Dance music.
11:00 to 12:00 midnight—Palace Hotel Rose Room Dance Orchestra.

We Are Sole Distributors
for

FLECHTHEIM

Quality Condensers

Complete stock in all sizes.

Distributors for

MELOFORMERS and
MELOCOUPLERS

We specialize on complete parts
for the popular-priced
three-tube

A-C REFLEX SETS

A Complete Line of Parts
and Accessories

Wholesale Exclusively

GREEN SPECIALTY CO.

1315 W. Jefferson, Los Angeles, Cal.
Phone BEacon 1264

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



Howard Millholland
Announcer

Oakland, California—780 Kc.

KGO

5000 WATTS—384 METERS
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, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

- 11:00 a. m.—First Baptist Church service, Oakland.
4:00 p. m.—Vesper service, Grace Cathedral, San Francisco.
6:30 to 7:00 p. m.—Dinner concert.
7:30 p. m.—Weather report.
7:35 to 9:00 p. m.—First Baptist Church Oakland.
9:00 p. m.—Time signal.

MONDAY, NOVEMBER 7

- 3:30 to 4:00 p. m.—California Federation of Women's Clubs.
4:00 to 5:00 p. m.—Frank Ellis and his Hotel St. Francis dance orchestra; Walter Murray, "Home Decoration."

- 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, "Ernani" (Verdi), N. B. C.
9:00 to 9:20 p. m.—Joseph Henry Jackson, "Chats About New Books."

TUESDAY, NOVEMBER 8

- 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.—"Retold Tales," N.B.C.

WEDNESDAY, NOVEMBER 9

- 6:30 p. m.—Weather reports.
8:00 to 9:00 p. m.—Vaudeville.
9:00 to 10:00 p. m.—"The Vagabonds," N. B. C.
10:00 to 11:00 p. m.—Frank Ellis and Hotel St. Francis Dance Orchestra, San Francisco. Intermission numbers by Ed Fitzpatrick, violinist; Rose Lind, singer.

THURSDAY, NOVEMBER 10

- 5:00 to 5:15 p. m.—"Mental Measurement," Dr. Virgil E. Dickson, Univ. of Calif.
5:15 to 6:00 p. m.—George W. Ludlow, "Friend to Boys."
9:00 to 10:00 p. m.—Miscellaneous musical program, N. B. C.
10:00 to 11:00 p. m.—Frank Ellis and Hotel St. Francis Dance Orchestra, San Francisco.

FRIDAY, NOVEMBER 11

- 6:45 to 6:55 p. m.—"Weekly Financial Review," Fred Brandt.
8:00 to 9:00 p. m.—Program by the KGO players, under direction of Wilda Wilson Church. Music, Rembrandt Trio.
9:00 to 10:00 p. m.—"An Hour in Memory Lane," N. B. C.
10:00 to 11:00 p. m.—Girvin - Beale's Hotel Oakland Dance Orchestra.

SATURDAY, NOVEMBER 12

- 7:15 to 7:30 p. m.—Weekly sport review, Al Santoro.
8:00 to 9:00 p. m.—Revue program, N. B. C.
9:00 to 10:00 p. m.—Philco Hour, N. B. C.
10:00 to 11:00 p. m.—Frank Ellis and Hotel St. Francis Dance Orch., San Francisco.
11:00 to 12:00 p. m.—Dance music.

Never Mind the Address

JUST CALL

DRexel 4161

FOR

DEPENDABLE

Service

ON

**RADIO SETS
PANATROPES
ELECTROLAS**

GUARDIAN RADIO SERVICE

"The House that Troubles Built"

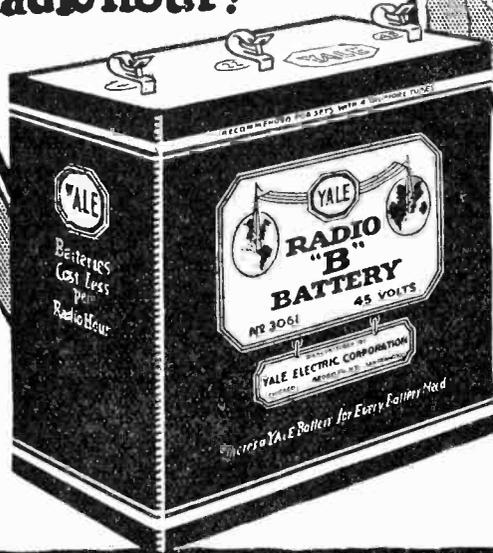
YALE

RADIO

Batteries

cost less per
radio hour!

"There's a
YALE
Battery for
every Bat-
tery 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.



CARL G. STROCK CO.

112 E. Fourth St.

Santa Ana, Calif.



"MAC"

San Francisco, California—660 Kc.

KFRC

Owned and Operated by Don Lee
California Distributor for Cadillac and LaSalle
1000 WATTS—454.3 METERS
HARRISON HOLLIWAY, Manager
FRANK MOSS, Musical Director
"Keep Forever Radiating Cheer"

DAILY EXCEPT SUNDAY—

- 7:00 to 8:00 a. m.—Seal Rock Program by Simpy Fitts; Granata 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-outs, except Saturday.
12:00 to 1:00 p. m.—Sherman Clay Concert.
4:30 to 5:30 p. m.—Organ Recital by Theodore Strong, except Sat.
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.
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, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

- 12:00 noon to 1:00 p. m.—Services and sermon from Paulist Fathers' Old St. Mary's Church.
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 8:30 p. m.—Hotel Mark Hopkins Concert Orchestra.
8:30 to 10:00 p. m.—Walter Krausgrill's Balconades Ballroom Orchestra.
10:00 to 11:00 p. m.—KFRC Dance Orchestra, sponsored by California Baking Co.
11:00 to 12:00 p. m.—KFRC Dance Orchestra, sponsored by Helen Ardelle Candy Co.

MONDAY, NOVEMBER 7

- 10:00 to 11:00 a. m.—Georgia O. George.
11:00 to 11:30 p. m.—Household Hints, Mary Lewis Haines of The Call.
5:15 to 5:45 p. m.—Mac and his Gang.
5:45 to 6:20 p. m.—Joe Mendel and Pep Band from the Lido Cafe.
6:30 to 7:00 p. m.—Sports talk by "Bobs."
8:00 p. m.—Historical Facts.
8:00 to 10:00 p. m.—Blue Monday Jamboree.

TUESDAY, NOVEMBER 8

- 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.
7:00 to 7:30 p. m.—Western Motors Co. presents the Cecilians.
8:00 to 9:00 p. m.—Shell Oil Co. Serenaders.
9:00 to 10:00 p. m.—Dance Orchestra, courtesy of Weinstock-Lubin & Co.

WEDNESDAY, NOVEMBER 9

- 10:00 to 11:00 a. m.—Georgia O. George.
11:00 to 11:30 a. m.—Household Hints, Mary Lewis Haines of The Call.
8:00 to 9:00 p. m.—Maxwell House Coffee Orchestra.
9:00 to 10:00 p. m.—Gustave Luders program.

THURSDAY, NOVEMBER 10

- 11:00 to 11:30 a. m.—Doings of Dorothy.
5:30 to 6:20 p. m.—Mac and his Gang.
8:00 to 9:00 p. m.—Mona Motor Oil Co. program.

FRIDAY, NOVEMBER 11

- 11:00 to 11:30 a. m.—Hints to Home Makers by Aunt Martha.
3:30 to 4:30 p. m.—Students' Hour by the "Observer."
6:30 to 7:30 p. m.—Armistice Day program.
8:00 to 9:00 p. m.—Shell Oil Serenaders.
9:00 to 9:30 p. m.—KFRC Movie Club.
9:30 to 10:00 p. m.—Joe Benson's Musical Memory Contest.

SATURDAY, NOVEMBER 12

- 11:00 to 11:45 a. m.—Amateur Tryouts.
11:45 a. m. to 12:00 noon—Announcement of Sunday Church Sermons.
2:30 p. m.—Broadcast of football games between Univ. of Wash. and U. of C. at Berkeley, and Santa Clara and Stanford at Palo Alto, courtesy General Pet. Co.
5:00 to 5:30 p. m.—Organ recital by Theodore Strong.
8:00 to 9:00 p. m.—Shell Oil Co. presents the Cecilians.
8:00 p. m.—Historical Facts.
9:00 to 10:00 p. m.—Anson Weeks Hotel Mark Hopkins Dance Orchestra.

Western Electric Speakers — Amplifiers
Childs' Lab., 2310 So. Union

What no-battery radio under \$200 has built-in cone speaker?

The Falck

NO BATTERY RADIO

*Factory
Guaranteed
for
One Year*



\$150⁰⁰
*Complete
all features
built in.*

ADVANCE ELECTRIC CO., 1260 W. 2nd St., Phone MUTual 3159.

ALLTRON TUBES

Guaranteed One Year

ALLTRON TUBES are absolutely guaranteed against defects of any kind.

From actual VOICE tests and com-Install ALLTRON TUBES in your out as a better radio tube.

Install ALLTRON TUBES in your set today and note the perfect reception.

ALLAN MFG. COMPANY
1151 South Broadway Los Angeles

Southern California Jobber:
GREEN SPECIALTY CO.

Wholesale Exclusively
1815 W. Jefferson Street Los Angeles
Phone BEacon 1264

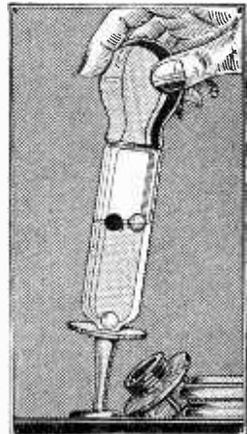
Follow the Lead of the Leaders Use the SOS HYDROMETER

The big battery manufacturers use the SOS (Patented Chaslyn Balls) as standard equipment in Glass-Cased Batteries and Power Units.

**EASIEST TO
READ.
NOTHING TO
BREAK.**

Swim all three—
charged fully.
Sinks the white—
charge still right.
Sinks the green—
charge is lean.
Sinks the red—
charge is dead.

Ask your dealer. If he can't supply, send 75c to us. Chaslyn Corrosion Cure for Battery Terminals protects contacts. A large tube lists at 30c.



THE CHASLYN COMPANY
4611-17 Ravenswood Ave., Chicago, Ill.



R. M. BITZER
Announcer

Oakland, California—1070 Kc.

KTAB

THE ASSOCIATED BROADCASTERS
EFFIE MERRILL RINEHART
Program Director

DAILY EXCEPT SUNDAY—

- 6:45 to 8:00 a. m.—Health and Good Cheer Hour.
- 8:45 to 9:15 a. m.—"The Hour of Prayer."
- 9:15 to 10:00 a. m.—Shopping hour, except Tues. and Thurs.
- 11:30 a. m. to 1:00 p. m.—Noonday concert.
- 4:00 to 5:00 p. m.—Uncle Charley, Aunt Belle, except Saturday.
- 5:00 to 6:00 p. m.—"Who's Who" hour.
- 6:00 to 6:45 p. m.—Musical program by the Retail Grocers' Association of Alameda County.
- 6:45 to 7:30 p. m.—Shopping hour.

WEEK COMMENCING SUNDAY, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

- 9:45 to 10:45 a. m.—Prof. E. G. Linsley's Bible Class.
- 11:00 a. m.—Services of Tenth Ave. Baptist Church.
- 7:45 p. m.—Services of Tenth Ave. Baptist Church.

MONDAY, NOVEMBER 7

- 6:45 to 8:00 a. m.—Health and Good Cheer Hour.
- 11:30 a. m. to 1:00 p. m.—Noonday Concert
- 8:00 to 8:30 p. m.—Program through courtesy of Mantle Lamp Co. of America.
- 8:30 to 10:00 p. m.—"The Weavers" offer "Seven Days," a song fantasy,

TUESDAY, NOVEMBER 8

- 6:45 to 8:00 a. m.—Health and Good Cheer Hour.
- 9:15 to 9:35 a. m.—Dr. J. D. Thompson on "Diet and Health."
- 9:35 to 10:20 a. m.—Shopping Hour.
- 11:30 a. m. to 1:00 p. m.—Noonday Concert
- 8:00 to 9:00 p. m.—Educational Week program presented by pupils of McClymonds and University High Schools.
- 9:00 to 10:00 p. m.—Odin's Hawaiians and Erwin Holton, tenor.

WEDNESDAY, NOVEMBER 9

- 6:45 to 8:00 a. m.—Health and Good Cheer

Hour, sponsored by Individual Grocers of Alameda Co.

- 11:30 a. m. to 1:00 p. m.—Noonday Concert
- 8:00 to 10:00 p. m.—Program through courtesy of California Crematorium.

THURSDAY, NOVEMBER 10

- 6:45 to 8:00 a. m.—Health and Good Cheer Hour.
- 9:15 to 9:35 a. m.—Health Recipe Hour
- 9:35 to 10:20 a. m.—Shopping Hour.
- 11:30 a. m. to 1:00 p. m.—Noonday Program sponsored by Individual Grocers of Alameda Co.

8:00 to 8:30 p. m.—Program sponsored by Mantle Lamp Co. of America.

- 8:30 to 10:00 p. m.—KTAB Ensemble;

FRIDAY, NOVEMBER 11

- 6:45 to 8:00 a. m.—Health and Good Cheer hour,
- 11:30 a. m. to 1:00 p. m.—Noonday Concert sponsored by Individual Grocers of Alameda Co.
- 8:00 to 10:00 p. m.—KTAB Zooks broadcasting from the Zoo.

SATURDAY, NOVEMBER 12

- 6:45 to 8:00 a. m.—Health and Good Cheer hour,
- 11:30 a. m. to 1:00 p. m.—Noonday Concert, sponsored by Individual Grocers of Alameda Co.

Oakland, California.—590 Kc.

KLX

500 WATTS—508.2 METERS
OAKLAND TRIBUNE RADIOPHONE
Phone Lakeside 6015

"Oakland, Where Rail and Water Meet"



Chas. E. Gabrielle, Jr.
Announcer

DAILY EXCEPT SUNDAY—

- 5:30 to 6:30 p. m.—Brother Bob Club; Boy Scout program, except Saturday.
- 6:30 to 7:00 p. m.—Dinner Concert, courtesy of Geo. Campe Co.
- 7:00 to 7:30 p. m.—Amusement information and news.

WEEK COMMENCING MONDAY, NOVEMBER 7, 1927

MONDAY, NOVEMBER 7

- 5:00 p. m.—Martha Lee.
- 8:00 to 9:00 p. m.—Special program.
- 9:00 to 10:00 p. m.—Weekly meeting Lake Merritt Ducks.

TUESDAY, NOVEMBER 8

- 5:00 to 5:30 p. m.—George Keneipp, Boys' Welfare Council.
- 7:00 to 7:30 p. m.—Amusement information, news broadcast.

WEDNESDAY, NOVEMBER 9

- 5:00 p. m.—Martha Lee.

8:00 to 9:00 p. m.—Educational program.

9:00 to 10:00 p. m.—American Education Week program, sponsored by Oakland senior high schools.

FRIDAY, NOVEMBER 11

- 2:30 p. m.—Army-Navy football game.
- 5:00 p. m.—Martha Lee.
- 8:00 to 9:30 p. m.—Special program.
- 9:30 to 10:30 p. m.—Athens Athletic Club Orchestra.

SATURDAY, NOVEMBER 12

- 2:15 p. m.—U. of C. vs. Univ. of Wash.



The First Call Book

—giving the very latest wave lengths confirmed by the Federal Radio Commission just the other day, October 15, has been published by RADIO DOINGS and is NOW ON SALE.

Before October 15 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 has been 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 AT ONCE on the attached coupon for this latest and most up-to-date RADIO CALL BOOK. The regular dealer discount prevails. Distribution will begin November seventh. Set users are referred to their 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.....



Portland, Oregon—610 Kc.



STEPHEN I. GAYLORD
Announcer

KGW

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.

WEEK COMMENCING SUNDAY, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

8:30 to 9:15 a. m.—"Aunty Blossom" reading the Sunday comic strips, songs by Winnie Winkle.
11:00 to 12:00 p. m.—Morning services from the Church of Our Father (Unitarian).
5:00 to 5:30 p. m.—Fields' Salon Orchestra and Mixed Quartet.
6:30 to 7:30 p. m.—Standard Oil program over P. C. N.
7:30 to 8:00 p. m.—The Two Steinway Artists, presented by Sherman Clay Co.
8:00 to 9:00 p. m.—Atwater Kent Program, with Michael Piastro, violinist, and Suzanne Keener of the Metropolitan Opera Co.
9:00 to 10:00 p. m.—"Neighborhood Drug Store Hour," courtesy of Blumauer Frank Drug Co.
9:00 p. m.—Longine Time Signals from N. B. C.
10:00 to 11:00 p. m.—Public Service Little Symphony Orchestra in a concert.

MODAY, NOVEMBER 7

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 Edward Dependable Coffee Co.
7:30 to 7:45 p. m.—Utility Service.
7:45 to 8:00 p. m.—American Express "Travel Talk."
8:00 to 9:00 p. m.—P. C. N. program, Grand Opera "Ernani."
9:00 to 10:00 p. m.—"Venetian Hour," a program of Italian music.

TUESDAY, NOVEMBER 8

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 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.—Bridge Games, courtesy of U. S. Playing Card Co., over P. C. N.
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. Retold Tales ("The Brief Debut of Tildy").

WEDNESDAY, NOVEMBER 9

7:15 to 7:30 p. m.—Y. M. C. A. Health Exercises.
7:00 to 7:30 p. m.—Brown and Whit Taxicab concert.
7:30 to 7:45 p. m.—Poultry Talk, courtesy of Albers Bros.
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.
9:00 to 10:00 p. m.—P. C. N., "The Vagabonds at a Football Game."
10:00 to 12:00 p. m.—Dance Music from the Gold Room of the Multnomah Hotel.

THURSDAY, NOVEMBER 10

7:00 to 7:30 p. m.—Good Humor Orchestra, presented by the Good Humor Ice Cream Co.
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 Co. of California.
9:00 to 10:00 p. m.—P. C. N. program from San Francisco, "Memory Lane."
10:00 to 10:30 p. m.—Concert.
Growing Wiser order of Hoot Owls.

SATURDAY, NOVEMBER 12

8:00 to 9:00 p. m.—N. B. C. program from San Francisco, "Saturday Night Review."
9:00 to 10:00 p. m.—"Philco Hour" over P. C. N.
12:00 p. m.—Dance music from the Indian Grill of the Multnomah Hotel.

The Ideal Set for Tone & Distance

The VALLEYTONE

5 Tubes, \$87.50

7 Tubes, \$97.50

(Less Accessories)

Distributed by

RIALTO RADIO CO.

430 American Avenue

Long Beach, California

OUR EXCEPTIONAL OFFER

*Get Two Great Magazines For Almost
the Price of One!*

SAVE \$2.00

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

or

SCIENCE AND INVENTION

or

AMAZING STORIES

Regular Price \$2.50

and

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

Regular Price \$3.00

These leaders in their respective fields—the great National
Monthly, Radio and Scientific Magazines and the great
Pacific Coast Weekly—

BOTH NOW FOR \$3.50

You Can't Afford to Pass This Offer By

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

RADIO DOINGS,
407 E. Pico Street,
Los Angeles, Calif.

*Or Conger & Moody,
Sharon Bldg., San Francisco, Calif.*

*Send me RADIO DOINGS and "RADIO NEWS," SCIENCE &
INVENTION or AMAZING STORIES for one year. I enclose \$3.50.*

Name.....

Address.....

City and State.....

(Specify NEW or RENEWAL)

R-1



W. C. ("Doc") Gordon
Announcer

Seattle, Washington—860 Kc.

KJR

NORTHWEST RADIO SERVICE CO.
TERMINAL SALES BUILDING
348.6 METERS
Phone Elliott 6288

Vincent I. Kraft, Manager.
Ross W. Swift, Program Director.

DAILY EXCEPT SUNDAY—

- 9:00 to 10:00 a. m.—Studia program.
- 10:00 to 11:00 a. m.—Piano recital.
- 11:00 to 12:00 noon.—Shopping service.
- 12:00 noon.—Time Signals.
- 5:00 to 5:30 p. m.—KJR Junior Club.
- 5:30 to 5:45 p. m.—Studio program.
- 5:45 to 6:00 p. m.—New York Stock Quotations.
- 6:00 p. m.—Time Signals.
- 6:00 to 6:30 p. m.—News and amusement notices.
- 6:30 to 7:30 p. m.—Dinner hour concert.
- 7:30 to 10:00 p. m.—Studio program.
- 10:00 p. m.—Time Signals.
- 10:00 to 12:00 p. m.—Vic Meyers' dance orchestra.

WEEK COMMENCING SUNDAY, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

- 11:00 a. m. to 12:30 p. m.—Morning services of First M. E. Church.
- 2:00 to 3:30 p. m.—Classical piano recital.
- 7:15 to 7:30 p. m.—Twilight organ hour with Arthur Biggs.
- 7:30 to 9:00 p. m.—Evening services First M. E. Church.
- 9:00 to 10:30 p. m.—Henri Damski Concert Orchestra, for Puget Sound Savings and Loan Assn.

TUESDAY, NOVEMBER 8

- 9:00 to 10:00 p. m.—Mu Phi Epsilon program.

WEDNESDAY, NOVEMBER 9

- 8:30 to 9:00 p. m.—Casey Bowyer Knight-in-Gales program.
- 9:00 to 10:00 p. m.—Canterbury Candy hour with Herbert Preeg's Concert Orchestra.

THURSDAY, NOVEMBER 10

- 9:00 to 10:00 p. m.—Henri Damski Concert Orchestra.

CALL WESTMORE 9065 FOR YOUR PHILCO

KOIN

Portland, Oregon—940 Kc.

319.0 METERS

THE PORTLAND NEWS-HALOWAT STATION

DAILY EXCEPT SUNDAY—

- 10:00 to 11:30 a. m.—Shopper's Guide.
- 12:00 to 1:00 p. m.—Luncheon Concert.
- 3:00 to 4:00 p. m.—Portland News.
- 5:15 to 6:00 p. m.—Portland News, Topsy-Turvey Time Club.
- 6:00 to 7:00 p. m.—Dinner Concert.
- 7:00 to 7:15 p. m.—What to Do and Where to Go.
- 7:15 to 7:50 p. m.—Benson Hotel Orchestra.

TUESDAY, NOVEMBER 8

- 7:50 to 8:00 p. m.—Talk by the Geo. H. Lee Co. of Omaha, Neb., on the care and raising of hogs and poultry.
- 8:00 to 9:00 p. m.—Lecture on Christian Science from the Masonic Temple.
- 9:30 to the end.—Punch-by-punch description of the main boxing event from the armory arena.

WEDNESDAY, NOVEMBER 9

- 7:15 to 7:50 p. m.—The Benson hotel orchestra, under the direction of Misha

Pelz, playing from the main dining room of the Benson hotel.

- 8:00 to 9:00 p. m.—Studio artists' program.

THURSDAY, NOVEMBER 10

- 8:00 to 9:00 p. m.—Studio artists' program.
- 9:00 to 9:30 p. m.—Billy's Hawaiian duo.

FRIDAY, NOVEMBER 11

- 8:00 to 8:40 p. m.—Webber's Junior string orchestra.

- 8:40 to 9:00 p. m.—Studio artists' program.

SATURDAY, NOVEMBER 12

- 8:00 to 11:00 p. m.—Silent for long-distance listeners.

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

Seattle, Washington—980 Kc.

KOMOFISHER'S BLEND STATION
METROPOLITAN CENTER, SEATTLE

DAILY EXCEPT SUNDAY—

- 10:00 a. m.—Seattle Council of Churches, Inspirational Services.
 10:45 a. m.—Varied program.
 12:00 n.—U. S. Dept. of Agri. Farm Flashes.
 12:15 p. m.—Grain report, except Saturday.
 12:27 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.
 7:57 p. m.—U. S. Weather Bureau report.
 9:00 p. m.—Longine Time Signals through N. B. C.

WEEK COMMENCING SUNDAY, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

- 10:00 a. m.—International Bible Student's Association, Studio Program.
 11:00 a. m.—Plymouth Congregational Church Morning Service.
 2:00 p. m.—Studio Program under the auspices of the Everson Tabernacle.
 6:30 p. m.—Standard Oil Company program by the N. B. C., through P. C. N.
 7:30 p. m.—International Bible Student's Association, Studio Program.
 8:00 p. m.—Atwater Kent program, by the N. B. C., through P. C. N.
 9:00 p. m.—"Longines Correct Time" thru N. B. C.
 9:00 p. m.—N. B. C. program.
 10:00 p. m.—Silent.

MONDAY, NOVEMBER 7

- 10:15 a. m.—Y. M. C. A. Health Exercises.
 10:30 a. m.—"What to Prepare for Dinner"
 12:30 p. m.—Varied Program.
 1:30 p. m.—Totem Concert Orchestra
 4:45 p. m.—U. S. Dept. of Agriculture Farm School.
 5:00 p. m.—Health Talk.
 8:00 p. m.—Grand Opera by N. B. C.
 9:00 p. m.—Totem Concert Orchestra
 9:45 p. m.—Varied Program.
 10:30 p. m.—Late News Flashes.
 10:45 p. m.—Varied Program.
 11:00 p. m.—Herb Wiedoeft and his Recording Orchestra
 12:00 M.—Varied Program.

TUESDAY, NOVEMBER 8

- 10:15 a. m.—Y. M. C. A. Health Exercises.
 10:30 a. m.—"What to Prepare for Dinner"
 11:00 a. m.—Meat Talk arranged by National Farm Radio Council.
 12:30 p. m.—Totem Concert Orchestra
 8:00 p. m.—Totem Concert Orchestra.
 8:30 p. m.—Bridge Lessons conducted by U. S. Playing Card Company through N. B. C.
 9:00 p. m.—N. B. C. program—"Eveready Hour"
 10:00 p. m.—N. B. C. program—Retold Tales.
 11:00 p. m.—Late News Flashes.
 11:15 p. m.—Olympic Hotel Venetian Room Orchestra assisted by Totem Staff Artists

WEDNESDAY, NOVEMBER 9

- 10:15 a. m.—Y. M. C. A. Health Exercises.
 10:30 a. m.—"What to Prepare for Dinner"
 12:30 p. m.—Varied Program.
 1:00 p. m.—Totem Concert Orchestra
 4:45 p. m.—U. S. Dept. of Agriculture Farm School.
 7:45 p. m.—Open the mail.
 8:00 p. m.—Totem Concert Orchestra.

- 9:00 p. m.—N. B. C. program—"The Vagabonds at a Football Game."
 10:00 p. m.—Varied Program.
 10:30 p. m.—Late News Flashes.
 10:45 p. m.—Varied Program.

THURSDAY, NOVEMBER 10

- 10:15 a. m.—Y. M. C. A. Health Exercises.
 10:30 a. m.—"What to Prepare for Dinner"
 11:00 a. m.—Meat Talk arranged by National Farm Radio Council.
 11:15 a. m.—Varied Program.
 11:45 a. m.—Totem Concert Orchestra.
 12:30 p. m.—Totem Concert Orchestra
 6:45 p. m.—"A Fifteen Minute Period Practicing the King's English"
 7:00 p. m.—Totem Concert Orchestra.
 8:00 p. m.—Talk by member of Pacific Northwest Products Committee of the Seattle Chamber of Commerce.
 8:10 p. m.—Totem Concert Orchestra.
 8:30 p. m.—Orientalogue.
 9:00 p. m.—N. B. C. Classic Program.
 10:00 p. m.—"Ask Me Another" conducted by G. Donald Gray.
 10:30 p. m.—Late News Flashes.
 10:45 p. m.—Varied Program.
 11:00 p. m.—Herb Wiedoeft and his Recording Orchestra
 12:00 M.—Totem Staff Artists.

FRIDAY, NOVEMBER 11

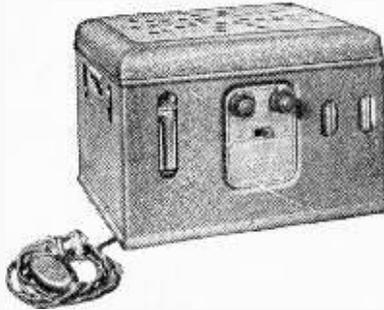
- 10:15 a. m.—Y. M. C. A. Exercises.
 10:30 a. m.—"What to Prepare for Dinner"
 11:30 a. m.—Totem Concert Orchestra.
 12:30 p. m.—Totem Concert Orchestra
 4:45 p. m.—U. S. Dept. of Agriculture Farm School.
 8:00 p. m.—Superior Service Dance Dance Orchestra.
 9:00 p. m.—N. B. C. Program.
 10:00 p. m.—Varied Program.
 10:30 p. m.—Late News Flashes.
 11:15 p. m.—Totem Staff Artists

SATURDAY, NOVEMBER 12

- 10:15 a. m.—Y. M. C. A. Health Exercises.
 10:30 a. m.—"What to Prepare for Dinner"
 12:10 p. m.—U. S. Dept. of Agriculture Farm News Digest.
 12:30 p. m.—Totem Concert Orchestra
 2:00 p. m.—Broadcast of Football Game University of California vs. University of Washington.
 4:30 p. m.—Varied Program.
 7:00 p. m.—"A Fifteen Minute Period Practicing the King's English."
 8:00 p. m.—N. B. C. Saturday Night Review
 9:00 p. m.—N. B. C. program, "Philco Hour"
 10:00 p. m.—Varied Program.
 10:30 p. m.—Late News Flashes.
 10:45 p. m.—Olympic Hotel Venetian Orch.

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



ARTHUR W. LINDSAY
Announcer

Seattle, Washington—670 Kc.

KFOA

447.5 Meters—1000 Watts

Owned and Operated by Rhodes Department Store
Arcade Square, Seattle, Washington
Phone MAin 8000

P. B. GALE, Station Manager
ARTHUR W. LINDSAY, Program Director and
Announcer

DAILY EXCEPT SUNDAY

- 10:00 to 10:30 a. m.—Rhodes' Air News, except Tues., Thurs., Sat.
1:30 to 2:00 p. m.—Home-making Helps, by Margaret Knowles,
except Saturday.
4:30 to 5:00 p. m.—News Items.
5:30 to 6:30 p. m.—Children's Hour by Big Brother of KFOA, ex-
cept Saturday.
9:00 p. m.—Longines Time Signals.

WEEK COMMENCING SUNDAY, NOVEMBER 6, 1927

- SUNDAY, NOVEMBER 6**
6:30 to 7:30 p. m.—Standard Oil Co. Sym-
phony Orchestra.
8:00 to 9:00 p. m.—Atwater Kent program
over P. C. N.

MONDAY, NOVEMBER 7

- 6:30 to 7:15 p. m.—Studio program pre-
sented by Taggart Motor Co.
7:15 to 7:30 p. m.—Industrial News of Man-
ufacturers Assn. of Washington.
7:30 to 8:00 p. m.—Sunde & d'Evers vocal
trio, "Under the Awning."
8:00 to 9:00 p. m.—N. B. C. program.
9:00 to 9:30 p. m.—Classical program fea-
turing Selwyn Harris, concert tenor, and
Marjorie Anderson, concert pianist.
10:30 to 12:00 p. m.—Coyotes Frolic from
KHQ, Spokane.

TUESDAY, NOVEMBER 8

- 12:30 to 1:30 p. m.—Seattle Kiwanis Club
luncheon program from Olympic Hotel.
6:30 to 7:30 p. m.—Doc Proelas Optical De-
partment presenting concert trio.
7:30 to 8:00 p. m.—KFOA Radio Movie Club.
8:15 to 8:30 p. m.—Pantages Theatre fea-
ture act.
8:30 to 9:00 p. m.—Bridge game by U. S.
Playing Card Co. over P. C. N.
9:00 to 10:00 p. m.—Eveready Hour by N.
B. C. over P. C. N.
10:00 to 11:00 p. m.—N. B. C. program.

WEDNESDAY, NOVEMBER 9

- 12:30 to 1:30 p. m.—Seattle Rotary Club
luncheon program from Olympic Hotel.
7:00 to 7:30 p. m.—Electrol Entertainers
and the Master Furnace Man in a Chil-

- dren's Program.
7:30 to 7:45 p. m.—Albers Bros. Poultry
Talk to KGW.
8:00 to 9:00 p. m.—Mission Bell Concert
Orchestra, courtesy of L. A. Soap Co.
9:00 to 10:00 p. m.—N. B. C. program.

THURSDAY, NOVEMBER 10

- 12:30 to 1:30 p. m.—Shrine Club luncheon
program from Chamber of Commerce.
6:30 to 7:30 p. m.—E. R. Butterworth and
Sons Concert Orchestra.
8:00 to 9:00 p. m.—Maxwell House Coffee
Orchestra and soloist from KGW, Portland.
9:00 to 10:00 p. m.—N. B. C. program.

FRIDAY, NOVEMBER 11

- 12:30 to 1:30 p. m.—Members Council lunch-
eon program from Chamber of Commerce.
6:45 to 7:00 p. m.—Touring information by
Automobile Club of Washington.
7:00 to 8:00 p. m.—Sherman Clay & Co.
Concert Orchestra.
8:00 to 9:00 p. m.—Crescent Old Time Trio.
9:00 to 10:00 p. m.—An Hour in Memory
Lane from San Francisco over P. C. N.
10:00 to 10:30 p. m.—Shiftless Sam and Pe-
tunia the Scrub Woman in half hour of
blackface comedy.
10:30 to 12:00 p. m.—Hoot Owls from KGW,
Portland.

SATURDAY, NOVEMBER 12

- 2:00 to 4:30 p. m.—Univ. of Washington vs.
California football game by direct wire.
6:00 to 6:15 p. m.—Sport Review.
8:00 to 9:00 p. m.—N. B. C. program.
9:00 to 10:00 p. m.—Philo Hour by Phila-
delphia Storage Battery Co. over P. C. N.

KPCB

Seattle, Washington—1300 Kc.

230.6 METERS—50 WATTS
THE SNOWFLAKE STATION

Owned and Operated by the Pacific Coast Biscuit Co.
Phone Main 7997

DAILY EXCEPT SUNDAY—

- 9:30 to 9:50 a. m.—Recipe talk.
7:30 to 8:30 p. m.—Studio program, except Tuesday and Friday.

WEEK COMMENCING MONDAY, NOVEMBER 7, 1927

MONDAY, NOVEMBER 7

- 5:30 to 6:00 p. m.—Ethel's Happy Radio
Group, directed by Ethel Webb Livesley.
6:00 to 6:30 p. m.—Sport news.

TUESDAY, NOVEMBER 8

- 7:30 to 8:30 p. m.—Thomas A. Barstow,
psycho-analyst.
8:30 to 9:30 p. m.—City Light Department
Wood-Wind Ensemble.
9:30 to 10:00 p. m.—Studio program, featur-
ing Bob Mills, tenor.

WEDNESDAY, NOVEMBER 9

- 5:30 to 6:00 p. m.—Ethel's Happy Radio
Group, directed by Ethel Webb Livesley.
6:00 to 6:30 p. m.—Sport news.

FRIDAY, NOVEMBER 11

- 7:30 to 8:30 p. m.—Starks' Trio.
8:30 to 9:30 p. m.—City Light Department
Wood-Wind Ensemble.

SATURDAY, NOVEMBER 12

- 9:50 to 10:00 a. m.—Children's recipe talk.
8:30 to 9:30 p. m.—Studio program present-
ing Bob Mills, tenor.

MAN, WHAT A PRIZE CONTEST

A Partial List of Prizes in the
Air Circus Over KFWB

GRAND PRIZE

1928 De Luxe Pontiac Six Sedan—Value \$1195

Other Prizes

Cabin Site, Cedar Pines Park	Sealy Mattress
Electric Dish Washer	Bridge Lamp
Walnut Radio Console Cabinet	Brunswick and U. S. Cord
Batteryless Radio Receiver	Tires
2 Ladies Evening Gowns	Men's Suit Clothes
2 Ladies Afternoon Frocks	Smoking Stand
2 Trips to Tijuana	Amsco Memo Camera
Wrist Watch	

Ladies Hats, a Wrist Watch, an Easy Chair and Odd Table, Insurance Policies, Auto Paint Jobs, Theatre Tickets, Food, Permanent Waves, Goldfish, Oriental Rugs and Ice Cream are a few of the 500 prizes offered.

LISTEN TO THE AIR CIRCUS

Daily, Except Sunday { 10:00-10:30 a.m.
4:45- 5:15 p.m.

Warner **KFWB** Brothers

361.2 Meters — 830 Kycs.



FREEMAN H. TALBOT
Announcer

Denver, Colorado—920 Kc.

KOA

500 WATTS—326 METERS
GENERAL ELECTRIC COMPANY
Pacific Standard Time
"Rocky Mountain Broadcasting Station"

DAILY EXCEPT SATURDAY AND SUNDAY—

- 11:00 a. m.—Time signals.
 - 11:05 to 12:05 p. m.—Organ Recital.
 - 5:00 p. m.—Stock and Market Reports (except Thursday).
 - 5:25 p. m.—Road Reports (except Thurs.)
 - 5:30 to 6:30 p. m.—Dinner Concert, except Thursday.
 - 7:00 p. m.—Musical Program, except Tues., Thurs. and Fri.
- ### DAILY EXCEPT SUNDAY—
- 10:45 p. m.—Weather, Stock and Produce Reports.
 - 11:00 a. m.—Time Signals.

WEEK COMMENCING SUNDAY, NOVEMBER 6, 1927

SUNDAY, NOVEMBER 6

- 10:00 a. m.—Service of Montview Presbyterian Church, Denver.
- 4:30 p. m.—Organ recital from Montview Presbyterian Church, Denver; Mrs. Chase, organist.
- 6:45 p. m.—Service of Montview Presbyterian Church, Denver.

MONDAY, NOVEMBER 7

- 10:15 a. m.—Program by Reese School of Saxophone, Banjo and Piano.
- 10:45 a. m.—Weather, stocks, markets, livestock and produce.
- 11:00 a. m.—Time signal.
- 6:30 p. m.—Appreciation program.
- 7:15 to 9:00 p. m.—Calvary Baptist Church choir and soloists, Harry F. Taylor, dir.

TUESDAY, NOVEMBER 8

- 10:45 a. m.—Weather, stocks, markets, livestock and produce.
- 11:00 a. m.—Time signal.
- 2:30 to 3:00 p. m.—Rural Schools, State Department of Public Instruction.
- 3:00 to 3:30 p. m.—Housewives matinee, by Denver Community Chest.
- 3:30 to 3:45 p. m.—Culinary hints, Mrs. Helen Harrington Downing, Home Service Director, Rocky Mountain News and Denver Evening News.
- 3:45 to 4:00 p. m.—Shopping with Betty Dee of Denver Dry Goods Co., Denver.
- 6:30 p. m.—Farm Question Box, George C. Wheeler, editor, Western Farm Life.
- 7:00 to 7:30 p. m.—Radio instruction in auction bridge, conducted by studio players.
- 7:30 to 8:30 p. m.—Dance program, Ernest Loomis and Victor Recording Orchestra.

WEDNESDAY, NOVEMBER 9

- 10:45 a. m.—Weather, stocks, markets, livestock and produce.
- 11:00 a. m.—Time signal.
- 5:27 p. m.—National Farm Radio Council talk.
- 6:30 p. m.—Tiny Town Tales.
- 7:15 to 9:00 p. m.—Optimist Club of Denver.

THURSDAY, NOVEMBER 10

- 10:45 a. m.—Weather, stocks, markets, livestock and produce.
- 11:00 a. m.—Time signal.
- 2:30 to 3:00 p. m.—Rural Schools, State Department of Public Instruction.
- 3:00 to 3:30 p. m.—Housewives matinee, by Denver Community Chest.
- 3:30 to 3:45 p. m.—Shopping with Betty Dee of Denver Dry Goods Co., Denver.
- 3:45 to 4:00 p. m.—Talk, "Care of Skin and Hair," by Belle Isle Pepper.
- 4:00 p. m.—Stocks, markets, livestock, produce and news bulletins.
- 4:25 p. m.—Road Reports, courtesy of News Tour Club of Rocky Mountain News and Denver Evening News.

FRIDAY, NOVEMBER 11

- 10:45 a. m.—Weather, stocks, markets, livestock and produce.
- 11:00 a. m.—Time signal.
- 2:30 to 3:00 p. m.—Rural Schools, State Department of Public Instruction.
- 3:00 to 3:30 p. m.—Housewives matinee, by Denver Community Chest.
- 3:30 to 3:45 p. m.—Culinary hints, Mrs. Helen Harrington Downing, Home Service Director, Rocky Mountain News and Denver Evening News.
- 3:45 to 4:00 p. m.—Shopping with Betty Dee of Denver Dry Goods Co., Denver.
- 6:00 p. m.—"Aggie Kickoffs," Extension service, Colorado Agricultural College, Fort Collins, Colo.
- 6:30 p. m.—Preview of International Sunday School lesson, Rev. Wm. O. Rogers.
- 7:00 to 7:15 p. m.—Lessons in airplane flying, by Cloyd Clevenger, pilot at Alexander Aircraft Co.
- 7:15 to 9:00 p. m.—Armistice Day program.

SATURDAY, NOVEMBER 12

- 10:45 a. m.—Weather, stocks, markets, livestock.
- 11:00 a. m.—Time signal.
- 11:00 a. m.—Road Reports, courtesy of News Tour Club of Rocky Mountain News and Denver Evening News.
- 6:00 p. m.—Football scores, Denver Post and Associated Press.

RADIOLA

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

Your Page

(Continued from Page 14)

ANENT ADVERTISING

Editor, Radio Doings.

Dear Sir:

Would it not be possible for your magazine to editorialize strongly enough to make that coterie of broadcasters who soil our pure morning air with their blatant broadcasting see the light?

Advertising that is so uniformly uninspired surely gains the advertiser nothing but ill-will.

Of course, I realize that some may say, "Listening to any particular broadcast station is not compulsory." That's the retort certain announcers make when criticized. But I don't look at the situation in that fashion. Two hundred of my heard-earned dollars are invested in receiving equipment. That fact entitles me, I am sure, when I am coupled with hundreds of others, to some voice in the matter.

But, with two exceptions, KGfJ's excellent early morning orchestral music and that famous ex-Orpheum star's sparkling — nay — scintillating monologues anent, "Do come right into the studio and make yourself to home. We're all home folks here! Ha! Ha!"

Even so KMIC thinks enough of its public not to clutter the antennae of Southern California with a continual of ". . . courtesy of Georgette A. Doornob, sole discoverer and associate originator of that boon to harassed womanhood, 'False Faces for Antique Amazons' and 'Thachmore—Klassy Kovers for Kontented Kraniums' . . ." and so on for hours with, at fifteen-minute intervals, two minutes of horribly reproduced records. And the reproductions are invariably horrible.

The writer has been associated with broadcast studios long enough to know that literally everything depends upon the position of the sound-wave source in relation to the microphone. It is a subject that can be mastered only through experience; yet the managers of the big stations seem to be totally unconcerned and are willing to allow anybody (possessing the money) to experiment with and on the stations' public. Such a policy seems, at casual inspection, distinctly short-sighted.

The answer may be found when fewer and better broadcast stations prevail.

Certainly they will be enabled to set higher standards when that Utopian day arrives. Until then I burn no daylight juice.

Very truly,
MONTGOMERY ADAMS.

Studio News

(Continued from Page 34)

healthful hours of sleep? We also miss the wiseacres who stated that radio waves produced earthquakes and storms.

Friday, November 4, John Knox, talented young violinist, accompanied by his mother, Mrs. Harry Knox, will present an enterprising classic group on the radio program from KHJ, Los Angeles, this evening. This energetic young musician played on children's hour concerts from KHJ for nearly four years, and now plays once a month on the later evening musicale.

Mrs. J. Webster Hoover has recently accepted a position with KJR as staff accompanist.

During the past year, she has been associated with KMO, Tacoma, singing with the Winthrop Stringed Trio from that station. Mrs. Hoover is an accomplished vocalist, having appeared successfully in concert and opera and is affiliated with the national honorary music sorority Mu Phi Epsilon.

In addition to her duties as staff accompanist and vocalist, Mrs. Hoover, will act as studio hostess for KJR.

Much interest is being manifested in the activities of KRLO,—their new studio and transmitter. Freeman Lang, designer and builder of the equipment, promises some innovations in broadcast technique.

The number of those who desire to secure licenses to erect broadcasting stations is now soaring towards the 400 mark.

DX Club

(Continued from Page 29)

reception, even from KFI or KGO, is practically zero.

Since I can't change the above, have assembled a Silver Marshall Shielded Six Kit, and installed a 100-ft. Cloverleaf underground antenna.

Here are my results last night (Oct. 6th), all on loud speaker: KDKA, WGY, KFQU, KFEL, CNRV, KDYL, KWKH, in addition to most of our Pacific coast locals, which I will not mention for the sake of briefness.

Glad to note the return of "our DX Club" to the pages of Radio Doings.

Very truly yours,
FRANK K. PARKER,
Little Lake, Calif.

WURLITZER RESULTS

DX Club:

Here is my log for the last two and one-half weeks: CNRV, CJOI (50 watts); KDKA, KEX, KFXF, KYA, KWKH, WBBM, WJAZ, WLIB, WGY, WBCN, WLS, WLW, WMBB, WQJ, WRVA, WSAX, KTAD, KFCB, KFJF, KFOR (50 watts); KFRU, WSAI, KGA, KHQ, KJR, KMA, KMOX, KOIL, KOWN, KSL, KTCL, KVOO, KWTC (5 watts); CYE, and the rest of the Pacific coast stations.

I am using a Wurlitzer five-tube receiver and a single stranded wire for an aerial and a pipe driven in the ground about six feet for a ground.

Yours for better DX results,
PAUL COLLINS,
1425 Lyndon St.,
South Pasadena.

A CROSLY AT CORONADO

DX CLUB:

I have noted with enthusiasm the continuation from last year of the DX Club.

The following stations have been logged during the last nine or ten days: CNRV, CKCD, KWKH, KDYL, KFAD, WBBM, KOMO, KMOX, WJAZ, KOIN, KFAU, WHT, KFQW, KFEL, KLZ, KFXF, KGA, WGN, KEX, and KMO. CNRV, KWKH, KMOX and WHT have been heard for an hour or so steadily, for four nights in succession. Also, I have had every local on the coast. My set is a Crosley 51, and I use a one hun-

dred-foot aerial and I have a switch, so that I can use a DX Ground, or an ordinary piece of pipe. I find the Preston ground has quite a bit more volume than the pipe. I use the set usually between 10 and 11 p. m., as we have a local station that causes quite a bit of interference.

Yours for more DX,
HORTON KESSLER,
656 A Avenue,
Coronado, Calif.

A GREAT START

Editor DX Club:

It certainly seems good to see the "DX" column again in the little red book. I read the last issue and decided to send in my list of stations picked up the past week.

All of the following stations were heard on a Sonora receiver, between the hours of 6:30 and 11 p. m.:

KQW, KSMR, KGO, KTAB, KPO, KFWI, KGW, KOMO, KOAC, KWSC, CNRV, CJOR, KSL, KOA, KFBU, KFXF, KFAD, KOB, KWKH, WCCO, WQJ, KMMJ and CYJ.

My early morning hunting netted me 2BL and 5CL, at Sydney and Adelaide.

This is the start of one of the best DX seasons yet.

The greatest success to the DX Club.
Sincerely,

J. A. SLOUGH,
546 No. Alta Vista Blvd.,
Hollywood, Calif.

ANOTHER ZENITH LIST

DX CLUB:

May I offer as my contribution to your DX Club, the following, all within the last week: KMO, KFWI, KFAD, KTAB, CNRV, KQW, KOWW, KMOX, KSL, KOMO, KYA, KDKA, KOIN, CYE, KOA, KJR, KGO, WBBM, KWKH, WHN, KPO, KFOA, KFRC, KGW, KLX, 3LO, KMA.

3LO and KMA at 4 a. m., WHN at midnight.

I have a six-tube, all electric Zenith, 45-ft. long antenna of single strand wire, 35-ft. high at one end and 25-ft. high at the house end, 20-ft. lead in of Gosilco, and a ground of 6-ft. of water pipe driven in the ground and using an Ekko clamp.

ELLIS TAYLOR,
410 East 90th St.,
Los Angeles, Calif.

New Local Product

After a silence of several weeks, the Powell Manufacturing Company, of Los Angeles, is ready to announce a new and improved "B" battery eliminator. For the last two months exhaustive experiments and elimination tests have been conducted in order to determine upon the most efficient materials and equipment, and to bring design and construction up to, and a little ahead of present-day standards.

The new Powell Power Unit is manufactured in a small metal box, neatly lacquered and of a size and appearance to be in keeping with the nicest of parlors. The Raytheon long-life rectifying tube has been chosen for the unit's rectifying element, and the filter system and other electrical and mechanical details have been woven around this Raytheon tube in order to bring out the best it can offer in the way of efficiency and durability. Besides designing it to be efficient and dependable, the Powell Company has kept another point in mind as their latest unit was being developed; that is, economy. By manufacturing its own parts the firm has been able to make some sure saving in current consumption as well as to put its product on the market at an unrivalled price.

Production on the old eliminator is still in full swing, although it was intended to discontinue this unit with the advent of the new one. However, as the demand for this type seems to remain constant, it is expected that its manufacture will be continued. Kits are also popular with the set builders, the company announces, and as soon as the factory can take care of the orders for the new Powell Power Unit, it will be ready to put on a Raytheon kit as well as the present one.

A manufacturer of radio small parts reports his business for the past eight months as 50 per cent ahead of last year.

"Radiola Power Team"

An interesting 4-volt "A" power unit built especially for installation in the various Radiola models has been placed on the market by The Sterling Manufacturing Company of Cleveland. Model R-94 is the number assigned it. This unit has internal automatic switch and operates only when the radio set is turned on. Its cost of operation from 110-volt 50 or 60 cycle A.C. is estimated at $\frac{1}{4}$ -cent per hour. This unit will supply smooth, unvarying A Power whether the set is using a "B" Eliminator or "B" Batteries. While it will function with any make of "B" eliminator, it was designed especially for use with the Sterling "B" power unit that is being made for Radiola use known as Type RT-41. The two combined—that is the R-94 "A" Power and the RT-41 "B" Power are known to the trade as the "Radiola Power Team."

Q. and A.

(Continued from Page 19)

be done to pull me out of the soup. Would be highly delighted if I could reach as far as Chicago, my former residence.

E. P. AMES,
Los Angeles, Calif.

ANSWER—If you are serious in saying that KSL is so difficult, there is no doubt but that your super is on the sick list. In fact, it is a very, very sick super. It is quite within the limits of possibility that a poorly designed or constructed 8-tube set will not equal the performance of a highly efficient 4-tube set. Would suggest that you have the set overhauled or rebuilt to give something like what might be expected of 8 tubes. A good super, if not in a location where the loop is shielded, certainly should give you results equal to what you have been reading about in the DX Club page.

Kierulff and Ravenscroft Get Three Carloads Peerless Reproducers

The popularity of the Peerless Reproducer on the Pacific Coast has been so great during the past year, and the demand for this speaker grown so rapidly that Kierulff and Ravenscroft of Los Angeles and San Francisco, Peerless Distributors, recently ordered three full carloads in order to fill their dealers' or-

ly. He says: "At first we didn't know much about the Peerless Reproducer. We thought it was just another loud speaker. Those we tested at first sounded very good. Still we thought maybe they were freaks and that all the reproducers wouldn't live up to their promise. Then orders began to come in



ders for the present and to take care of the winter increase in radio sales.

This is the largest speaker order ever placed by this firm, but Mr. Ravenscroft believes that it will be duplicated or increased if the steady increase in sales of these speakers is to be taken care of and all orders from dealers filled prompt-

over and above those we had in stock. That's when we decided that they must be unusually good.

There are 1400 speakers to an average carload, so you can see we have all sorts of confidence that the Peerless is going to sell better than ever when we order three times that number at once."

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

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 steps of R. F. amplification. The recommended parts are 3 Roffy R. F. Inductances, 3 Remler S. W. Condensers, 3 Benjamin Sockets, 2 Large Kellogg Audios, 1 No. 50 Bradleyohm, etc.—3 Roffy 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

Timely Trade Topics

Henger-Selzer Co., representatives for the McDonald Howl Arresters, are sponsoring a weekly program over KNX every Wednesday, from 6:30 to 7 p. m., featuring Paul Finstein's String Quartette.



The McDonald Howl Arrester forms a jacket which is easily slipped over the tube and as this jacket is made of a special heavy rubber compound the sound vibrations emanating from the loud speaker are absorbed by the Howl Arrester before they have a chance to strike the glass of the tube and set in motion the delicate elements contained therein.

R. H. MacCauley, formerly of H. Earle Wright, Inc., and Western Radio, Inc., of Los Angeles, has recently been appointed the San Francisco sales representative for the Crosley Radio Corporation, working under the direct supervision of Mr. MacGowan, who is the western Sales Manager of the Crosley Radio Corporation. Mr. MacCauley is making his headquarters in San Francisco.

Thos. W. Sukumlym, prominent local inventor and owner of the Armo Radio Laboratories, 1661 Tarleton street, Los Angeles, manufacturers of the ARMO SLF. Condenser, has recently completed a stationary refractor, which greatly advances progress of television. Mr. Sukumlym is very enthusiastic over the

progress he is making and satisfactory results obtained through tests recently made in his laboratories, and predicts the very near future will see television employed commercially.

Lombard J. Smith, 324 N. San Pedro street, Los Angeles, has been appointed California representative for the Newcombe-Hawley Reproducers, manufactured at St. Charles, Ill. This concern is making a very fine line of speakers, consisting of drum and cabinet models, and also their well known long air-column reproducers.

At the last meeting of the Radio Manufacturers' Agents Association, Bernard Kruger, representative of C. E. Manufacturing Co., read a communication from the secretary of the recently formed Radio Protective Association.

The purpose of this association is to foster the interests of the independent radio manufacturers all over the country and to protect them against all suits that may be started against them by the RCA and affiliated corporations.

Quoting from the letter of the secretary, the following is of interest to all independent manufacturers:

"As the decisive step in the battle of the Radio Protective Association, it was decided that the association is to undertake the defence of any dealer or jobber or a member who may be sued for patent infringement by the Radio Corporation of America or its constituent companies—The Telephone & Telegraph Company; The General Electric Company and the Westinghouse Company."

The association had previously requested the Federal Trade Commission to take aggressive action against the RCA in respect to the "tying clause" in the license agreements whereby certain manufacturers of sets are compelled to equip and sell their sets with RCA tubes.

RADIO CONTRACTS FINANCED

An attractive finance plan . . . fully tested and proved satisfactory. No delay . . . no red tape.

**CENTRAL FIGUEROA
PROPERTIES CO.**
1366 South Figueroa Street
Phone WEstmore 2411



Ray-O-Vac No. 9303 is a 45-volt "B" battery built to give the utmost in "B" battery service for the money invested. It will go into a space only 8 in. x 4½ in. x 7¼ in., and is especially recommended for multiple tube sets in which service its long life and dependability have become a proverb.



Ray-O-Vac No. 2303 is also a 45-volt "B" battery, with a tap at 22½ volts. It is designed for long, dependable service where a battery somewhat smaller than No. 9303 is necessary. Ask any radio dealer about the fine qualities of either of these Ray-O-Vacs.

One of the many causes of unsatisfactory radio reception is the "B" battery. If it has undue internal resistance, due to the manner of construction, reception is much interfered with.

Ray-O-Vac No. 9303 is the Master "B" battery because its designers have put into it, along with many other extra qualities, unusually low internal resistance. Try a Ray-O-Vac No. 9303 and note the improvement in the results you get from your radio set.

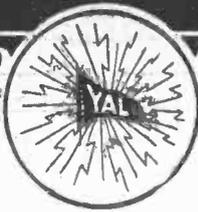
Ask any radio dealer!

FRENCH BATTERY COMPANY

MADISON, WIS.

737 Terminal Street

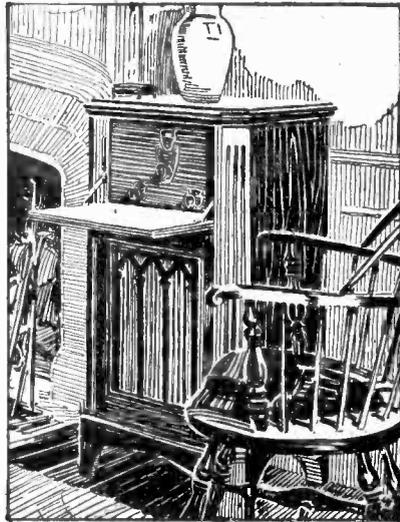
Los Angeles



All You Need is a
BOSCH RECEIVER

And a **Light Socket** for Satisfactory Radio Reception,
Minus Batteries and Battery Troubles

Model 76-L
Console
AC Socket
Power
Operation.
Completely
Installed,
Ready
to Run
Nothing
Else
to Buy



Beautifully
Finished
Console
Cabinet,
Built-in
Bosch
Reproducer,
Power
Switch
and
Standard
Socket
Power
Units.
Operates on
the House
Current

Price Complete \$285

Console only, less tubes and socket power, \$195.

*Many Other Bosch Receivers to Choose From
Priced as Low as \$68.50*

Yale Radio Electric Co.

Exclusive Wholesale Distributors

1111 Wall Street

LOS ANGELES

WEStmore 3351