KOLSTER

A dealer organization of conscientious retailers makes it easy to buy Kolster Radio. Each and every one of them knows that the sale of this set is a valued privilege.

**Authorized Southern California Dealers (Con.):**

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<td>NATIONAL CITY</td>
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<td>ONTARIO</td>
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<td>OXNARD</td>
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<td>Ashton's Radio Electric 1762 E. Colorado St.</td>
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<td>Parmelee-Dohrmann Co. 242 E. Colorado St.</td>
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<td>Nazarian's Model Shop Shop Wilson Music Co. 180 E. Colorado St.</td>
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<td>SOUTH PASADENA</td>
<td>The Radio Electric Store 1161 Fair Oaks</td>
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<td>PASO ROBLES</td>
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<td>POMONA</td>
<td>John Burnley 120 E. Second St.</td>
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<td>Schwartz &amp; Heimerl 228 W. Second St.</td>
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<td>Parmelee-Dohrmann Co. 7th and C Streets</td>
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<td>SAN FERNANDO</td>
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<td>TUJUNGA</td>
<td>Tujunga Radio</td>
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<td>VENTURA</td>
<td>Moore &amp; Fazio 733 Main St.</td>
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<td>VICTORVILLE</td>
<td>C. J. Goodrich</td>
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H. Earl Wright, Incorporated
Sole California Distributors

415 East Eighth Street 123-129 Second Street
LOS ANGELES SAN FRANCISCO
VESTA
Quality Radio Units

Important Trade News!
An Announcement of Great Interest
to the Entire Radio Trade Will Be
Made Shortly.

VESTA RADIO "A" BATTERIES are the height of quality. VESTA RA-
DIO "A" UNIT, with built in Trickle Charger, licensed under Balkite pat-
ents, is one of the big sellers in the radio field today. VESTA TRICKLE
CHARGER, licensed under Balkite patents, is the most economical "A"
battery charger on the market. VESTA QUALITY TUBES, with their
non-microphonic feature, create new joys in radio reception.

SOLD BY LEADING JOBBERS

McCLELLAND-FELTHOUSE
CORPORATION

515-517 Eddy St. 1358-60 S. Figueroa
SAN FRANCISCO LOS ANGELES

Factory Representatives
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ONLY $3.00 A YEAR

Have RADIO DOINGS mailed to your home every week. Fill out blank below. Either mail to us, or your dealer will be glad to take care of it for you. Please indicate whether NEW or RENEWAL.

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CONGER & MOODY, Sharon Building, San Francisco, Calif.

Gentlemen: I enclose $3.00, for which send me RADIO DOINGS for one year.
NEW—RENEWAL.

Name
Address
303% Sales Increase
in Southern California this Season

CROSLEY RADIO
BETTER - COST LESS

Because
No other set offers the same quality reception—clarity and volume without distortion—selectivity and distance—all at moderate cost.

Battery-Operated Receivers $32 to $108
Electrically-Operated Receivers $77 to $105
Crosley A B C Battery Eliminators $55
Crosley Musicone Loud Speakers $10.75, $16.25

Your Nearest Crosley Dealer Will Be Glad to Give You a Demonstration

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KIERULF & RAVENScroft
Radio Equipment

Wholesale Distributors
CROSLEY RADIO — BURGESS BATTERIES
CUNNINGHAM TUBES — MAJESTIC ELIMINATORS
COMPLETE LINE OF RADIO ACCESSORIES

1630-1632 S. Los Angeles St.
LOS ANGELES
654 Howard Street
SAN FRANCISCO

Here Are Some of the Dealers Who Helped to Put Over the Increase in

CROSLEY SALES

Ask them to demonstrate the new Crosley models for you:

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Davis Radio Co.
2817 S. Main St.
WEstmore 6948
De Hoog Brothers
6120 S. Broadway
THornwall 0224

Downtown
Figueroa Radio Shop
929 W. Seventh St.
TUcker 6763
Frank Radio Co.
715½ S. Main St.
TUcker 3347

Hollywood
Otto K. Olesen
Illuminating Co.
6546 Hollywood Blvd.
GLadstone 5194

Northeast
Brooklyn Radio Shop
1521 Brooklyn Ave.
ANgelus 3296

Westlake
Arcade Radio Studio
743½ S. Alvarado
DRexel 6859

Glassell
George F. Confer
2932 W. Ave. 37
ALbany 5443

ALHAMBRA
Alhambra Radio Electric
1835 W. Main St.
Alhambra 2366

ARTESIA
Edward M. Corcoran
Artesia 5159

BEVERLY HILLS
Beverly Cycle & Sport Shop
422 N. Canon Drive
OXford 4022

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

LANKERSHIM
Lankershim Radio & Service
5241 Lankershim Blvd.
Lankershim 767

LONG BEACH
John J. Sawyer
543 E. Anaheim St.
Long Beach 636-235
Rialto Radio Co.
430 American Ave.
Long Beach 653-171

PASADENA
Model Radio Shop
2336 E. Colorado St.
Colorado 5992

SANTA BARBARA
J. E. Wiley
San Marcos Bldg.
Santa Barbara 3971

SANTA MONICA
Santa Monica Radio Co.
305 Santa Monica Blvd.
Santa Monica 24240

GROSLEY RADIOS
"Everything That Is Right in Radio"
Each One Guaranteed

C. W. SMITH CO.

Home of Utah Speakers

WESTmore 3291  Los Angeles  1125 Wall
Radio Power from Your Light Socket

Pemco

"A" and "B" Power Unit

No more fuss and bother. Think of it—at last perfect radio reception—from electric light current. Pemco is entirely automatic—no switches—can be placed in a nearby room or in your con-

sole cabinet and forgotten.

Any radio will operate with a Pemco—no matter what size or make or what kind of electric light current [50 or 60 cycle]. See Your Dealer Today for full dem-

onstration.

Southern California Distributors
Sherman, Clay & Co.
Pacific Wholesale Inc.
Electric Corp.
Los Angeles
Summer Time Supremacy of the Air Enabled Through CeCo Tubes

Tubes are the heart of your radio. CeCo Tubes give unlimited opportunities to your set. Whether your problem is one of selectivity or tonal quality, CeCo Tubes will bring vast improvement. Hear them today at any of the following CeCo Dealers.

“There’s a CeCo Tube for Every Socket”

15th and Hope Sts.

A. J. Tobey Co.

HOLLYWOOD

Hollywood Radio
159 N. Western
Hollywood Electric
6555 Hollywood Blvd
Mohawk Battery & Radio
2115 Sunset Blvd.
Doran Electric Shop
3513 Sunset Blvd.
Leveringer-Melrose Radio
1436 Melrose
Murove Radio
5631 Melrose
Wesholtz Radio
2408 Melrose
Carmel Radio
8165 Santa Monica Blvd.
Doran Electric Shop
8030 Santa Monica Blvd.

OUT-OF-TOWN CE-CO DEALERS

ALHAMBRA
Balby Radio Shop
226 W. Main St.
MONTEREY PARK
Monte Park Music Co.
602 E. Garvey

GARDEN GROVE
W. E. Ashley

PASADENA
F. W. Binke
69 W. Colorado
Kelly-Yeatsley Music Co.
1447 N. Lake
Thomson & Summerville
41 N. Broadway
Webster Electric Garage
100 E. Union

Service Radio
3172 E. Colorado

GLENDORA
F. A. Tummers

VAN NUYS
Van Nuyz Music Co.

MARADEN ELECTRIC

LANKERSHIM
Lankershim Music Co.
5317 Lankershim Blvd.
Lankershim Radio & Service Shop
5247 Lankershim Blvd.

CULVER CITY
H. E. Blunt

INGLEWOOD
Inglewood Mercantile Co.
126 N. Commercial St.

AVALON
Avalon Radio
657 Crescent
WILMINGTON
Wilmington Variety
216 W. Anaheim

LONG BEACH
Kel'm Radio
Cor. 4th and Locust

Coast Radio
245 E. 7th St.

HUNTINGTON BEACH
Fowler Music Co.
324 Eleventh St.

HUNTINGTON PARK
H. L. “Radio” King
116 E. Irving
P. A. Dougherty
158 Pacific Blvd.

BELLFLOWER
H. L. Peterson Shoppe

PACIFC BEACH
Sunset Super Service
Station

PALM CITY
A. C. McBride
Palm City Garage

SAN DIEGO
College Service
Park and El Cajon
Maryland Auto Supply
7th and F St.
Market St. Radio Store
1529 Market St.

Kinney Bros.
130th and A. St.

Radio Dept., Southern California Music
720 Broadway

United Radio Elec.
2807 University

REDLANDS
Dale E. Slater
414 Orange St.

CROWN CITY
Crown City Garage

ANAHEIM
Caverley Radio
217 W. Center

BREA
Bennett's Radio

NEWPORT BEACH
Sanders Electric
109 22nd St.

CARLSBAD
Carshed Pharmacy

EL CAJON
El Cajon Electric

LYNCH APPLIANCE

CORONADO
W. C. Bechtel Liberty Garage & Bbq. Serv.

PACIFIC BEACH
Sunset Super Service
Station

SAN DIEGO
A. C. McBride
Palm City Garage

CECO TUBE DEALERS

LOS ANGELES CE-CO

DEALERS

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Philo Sales & Service
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Standard Radio
417 W. Pico
Walkers Radio
5835 S. Vermont
Vermont Center Radio
6219 S. Vermont Ave.
H. H. Walker
1323 Venice Blvd.
Sturgis Music
4713 S. Broadway
Nilson & Nelson
4320 Avalon

Tivoli Radio Shop
4204 S. Central
Lee's Radio & Art Co.
4545 Whittier Blvd.
Wilkins Radio Mfg. Co.
5317 S. Central
Phair Radio Co.
222 E. Florence
Niles Radio
7322 S. Broadway
McWhiters Radio
8625 S. Vermont
Henderson Radio Store
3803 Whittier Blvd.
C. S. Young
3713 East First
Johnson Auto Supply
765 Atlantic Blvd.
Atwater Radio Shop
3208 Glendale Blvd.
Holland Electric Shop
5632 Pasadena Ave.
Michel Music Co.
5711—Pasadena Ave.
Brong & Bushard
1717 W. Adams
There are Many
Very good kits on the market from which you can build yourself a set that will out-perform most factory built sets.

SILVER-MARSHALL SHIELDED SIX
MADISON MOORE SUPER
INFRADYNE
BROWNING-DRAKE
KARAS EQUIMATIC
HAMMARLUND HI Q
QUADRAFORMER KITS

We Have a Full Line of Parts for the New
SILVER-COCKADAY II
This new assembly by McMurdo Silver and Lawrence Cockaday is sweeping the country. Ask for descriptive booklet.

RADIO SUPPLY CO.
WHOLESALE
912-914 S. Broadway
VA. 6063
Los Angeles
New 1927 Catalogue Now Ready—Send For It

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LET THE RADIO SUPPLY CO.
Fill your Parts orders. We distribute the best known quality lines and carry large stocks at all times to handle your needs.

READ OVER THIS LIST OF PARTS

THORDARSON, ALL-AMERICAN AND MAGNAVOX REPLACEMENT TRANSFORMERS IN STOCK
VESTA 35 and 50 Amp. and HOBCO A Power Units
ACME, GENERAL RADIO, ALL-AMERICAN, KODEL, BALKITE, SILVER MARSHALL, STERLING and WEBSTER ELIMINATORS
ACME, STERLING, VESTA, BALKITE, TUNGAR and SILITE TRICKLE CHARGERS

DEALERS: Park Next Door at Our Expense

RADIO SUPPLY CO.
WHOLESALE
912-914 S. Broadway  VA. 6063  Los Angeles
New 1927 Catalogue Now Ready—Send For It

---
A Victory

THE NEW

Woodlark

The Speaker Supreme. An achievement in acoustical engineering.

Perfectly reproduces every tone in the instrument or voice scale. Absolute clarity and beautiful quality brought out in any degree of volume desired.

Comparable in all ways to any speaker produced irrespective of price, yet so reasonably priced that it is within the reach of everyone.

Don’t penalize your set—give it a chance to reproduce accurately for your enjoyment.

Equip Your Set with a WOODLARK

Ask Your Dealer for a Demonstration

TODAY

Or Phone Santa Monica 61307 for Information

WOODLARK RADIO PRODUCT CO.

10 Breeze St. Venice, Calif.
The new word introduced into radio station announcements by order of the Federal Radio Commission is one evidence that the commission is being guided in its decisions by the public interest. The decision to replace meters by kilocycles is in line with scientific accuracy as well as greater convenience to the public. The Bureau of Standards, in a statement just issued, points out that the original use of wave lengths and meters was really a mistake, has caused no end of confusion, and has been an obstacle in the path of the serious-minded who sought to learn the principles of radio. The public has continued to use meters simply because the habit got started, and for no other reason.

It is much easier for the radio listener to log the stations on his dials in kilocycles because all station frequencies are in even numbers, 620, 630, and so forth, spaced 10 kilocycles apart. The wavelength ratings, on the other hand, like 483.6, 475.9, are troublesome, and are separated different amounts all over the scale. In selecting the even kilocycle ratings the commission is utilizing the results of several years experience in the development of broadcasting.

Spacing other than the uniform 10 kilocycles between stations have been tried and have always added to interference. The inherent reason for this is that the radio wave carrying speech or music does not occupy a single sharp frequency but actually occupies a little band of frequencies 10 kilocycles wide.

How to Figure Frequencies

The word "kilocycle" need cause no dismay. "Kilo" means "thousand," and is familiar to everyone in "kilowatt," which means a thousand watts. The other part of the word "cycle," means one complete alternation. The number of kilocycles is the number of thousands of times that the rapidly alternating current in the antenna or the set repeats its flow in either direction in one second.

When it is necessary to find out the kilocycle rating corresponding to a certain number of meters, or vice versa, it is done by dividing 300,000 by the number. For example, 300 meters corresponds to 1000 kilocycles, and also 300 kilocycles corresponds to 1000 meters. In view of the action of the commission, however, there will probably be very little occasion for anyone to make any use of "meters," and the need for making the conversion from one to the other will disappear.

While "kilocycle" is a new word to many radio listeners, it is an established term in radio engineering. On account of its greater convenience, and because the wavelength designation is secondary, confusing, and superfluous, engineers have gone increasingly to the kilocycle basis in the past four years, and manufacturers have more and more inclined to marking their dials in kilocycles rather than in meters. The use of kilocycles was given standing as authoritative American practice when, on the recommendation of Bureau of Standards representatives, the 1923 National Radio Conference adopted a resolution that stations be rated in kilocycles.
THINK of it—without adding or altering a single wire you can now use as many power tubes as there are sockets in your set, the greatest advance in power, volume and tone since the days of crystal receivers.

The new oxide filament, 11 amp. ZP 201 A power tubes will give you everything you want in radio—power, extreme selectivity, realism of tone. And more!

They are economical in “A” and “B” current which materially lengthens the hours of battery service.

Each tube is serial-numbered and guaranteed. Every Zetka tube will give you the added satisfaction of increased efficiency plus longer life.

You cannot realize what a difference these tubes will make in your set until you try them and convince yourself.

Go to your nearest Zetka dealer today and ask for a demonstration. Only $2.50 each.

(Zetka's sensational new 6 volt 1/10 amp. tube for electric sets is ready.)

ZETKA LABORATORIES, Inc. 73 Winthrop St., NEWARK, N. J.
In 1620 a small band of hardy souls set out from England for a hopeful fate in the land across the sea. These pilgrims created a government which, forging on through many varying vicissitudes, has progressed, after 300 years, to the dominion over the most preponderantly influential nation on the face of the earth.

Several years ago a small group of radio manufacturers began an embryo organization which they termed the Radio Manufacturers' Association. As with the ease of the pilgrims, there were no newspaper headliners announcing their achievement nor were they heralded to all people as far-sighted pioneers conceiving a great institution. Mention of it could occasionally be found in a radio trade magazine. No one foresaw that this infant group would expand to such overwhelming proportions as to become recognized as the most powerful organization in American radio. It is dictating the trend of radio for the best.

The radio industry has been periodically stifled to suffocation by the Summer slump bugaboo. This ghoul of the business made its appearance with popular radio. In 1921 everyone became fascinated with the uniqueness and possibilities of radio which stimulated manufacturing and merchandising of parts and sets. Most of the material thus put on the market was crude and inefficient, and the industry blundered on to a resounding crash in the summer of 1922. Thus a precedent was established and radio has labored under this delusion ever since.

The intrepid and progressive members of the R. M. A. are doing everything possible to break away from this destructive attitude, for they know that radio engineers have perfected transmitting and receiving apparatus that make reception clear and enjoyable the entire year. Certainly it is to the limitless credit of these men of vision and courage that they have continually and resolutely thrown their skill and energy into the task of overcoming tremendous obstacles in giving everyone greater radio every month in the year. Chicago is now witnessing their magnificent annual convention, wherein the latest and best in radio thought and equipment are gathered together in the interest of radio progress.

Radio is no longer a fad or curiosity. As the automobile, it is an essential factor in the home and absolute necessity commercially. Its destiny, with the support of such interests as the R.M.A., is bound to become the preeminent force in human relationship.
Miss Joan Crawford, Metro-Goldwyn-Mayer star, now being featured in Lon Chaney's latest success, "The Unknown," and who has gained prominence in the terpsichorean art, recently added a Steinite no-battery receiver, of the console model, to her luxuriously appointed home.
**Steinite**

**SIX TUBE**

**NO BATTERY RADIO**

**COMPLETE IN ONE SYNCHRONIZED UNIT, WITH HIGH GRADE BUILT-IN SPEAKER.**

$156.00 (Complete)

(INCLUDING POWER TUBE)

**BEAUTIFULLY DESIGNED TABLE MODEL, WITHOUT SPEAKER.**

$128.50

(INCLUDING POWER TUBE)

**DON'T CONFUSE STEINITE WITH POWER UNITS THAT OPERATE INDEPENDENTLY AND MERELY ATTACH TO LIGHT SOCKET TO ELIMINATE BATTERIES.**

**STEINITE USES NO BATTERIES—IS ONE COMPLETE SYNCHRONIZED UNIT, NO CHEMICAL RECTIFIERS, LIQUIDS, CRYSTALS OR CHARGERS OF ANY KIND.**

**THE HIGH BOY, WITH HIGH-GRADE BUILT-IN SPEAKER, ARTISTIC IN DESIGN, OPERATING WITHOUT AERIAL.**

$183.50 (Complete)

(INCLUDING POWER TUBE)

**DISPELS EVERY CRITICAL OBJECTION YOU HAVE HERETOFORE FOUND WITH RADIO RECEPTION. FAITHFULLY REPRODUCES VOICES AND EVERY MUSICAL INSTRUMENT WITH FIDELITY OF TONE. ITS CLEAR RECEPTION WILL SURPRISE YOU.**

**ALL MODELS OPERATE WITH LATEST-TYPE POWER TUBES.**

_Distributed by_

**NATIONAL RADIO & SUPPLY CO.**

814 S. Olive

TUcker 4706

Los Angeles
Modernize Your Radio With Majestic “B” Current Supply

The pleasures attendant on good radio reception are forever at your finger tips when you do away, once and for all, with the nuisance of ordinary “B” batteries.

The Majestic “B” Current Supply Unit never needs recharging . . . . it drinks no water . . . . requires no acid. There is no hum in Majestic . . . . its Raytheon tube has no filament to burn out. Install Majestic today . . . . enjoy full strength “B” current direct from your light socket.

MAJESTIC “B” CURRENT SUPPLY is the Best “B” Unit Regardless of Price

Majestic \nStandard-B\nCapacity Nine
201-A tubes or equivalent. 45 milliamperes at 135 volts.
$28.50
Raytheon Tube $4.50 extra

Majestic \nSuper-B\nCapacity 1 to 12 tubes, including the use of power tubes.
45 mls. of 150 volts.
$29.00
(as illustrated)
Raytheon Tube $4.50 extra

Majestic \nMaster-B\nPositive control of all output voltage taps. For sets having high current draw or heavy biasing batteries. 60 mls. at 150 volts.
$31.50
Raytheon Tube $4.50 extra

Manufactured by GRIGSBY-GRUNOW-HINDS CO., Chicago

W. J. SEROY, Pacific Coast Sales Manager
122 Broadway
Oakland, Calif.
ENGLISH TO OFFER INTERFERENCE REDUCTION PLAN

When the International Radio Conference meets in Washington next October, it is said that the British wireless authorities will present a scheme for the reduction of spark interference with broadcasting. The plan provides for ordinary ships' traffic on 800 meters, the 600-meter lane being reserved for distress signals and urgent navigation messages. The 300-meter lane, which is right in the middle of the present broadcast band, would be done away with. There is provision for the complete replacement, within six months, of the adoption of the report, of shore spark apparatus with up-to-date continuous wave apparatus.

Also the Britishers will make every effort to compel ships to be fitted with the latest equipment and to have severe limitations placed on power in congested areas.

LISTENERS WILL HEAR MORE STATIONS NOW

Every broadcast station will gain in the number of listeners by virtue of the new wavelengths, believes G. Clayton Irwin, Jr., general manager of the Radio World's Fair, who is in Chicago putting the finishing touches on the arrangements for the First Annual Trade Show, which opens on June 13th, and is also under his direction.

Listeners will be able to hear more stations than ever before during the summer and with the fall will come a revival of DX interest, in his judgment.

Elimination of heterodyning by the national re-assignment of wavelengths, together with the splitting of time by many stations, provides the opportunity for many broadcasters to gain new friends in near and distant points.

THE GHOST IS WALKING

Contrary to the general impression, and despite the fact that Congress fell down in providing the wherewithal—the radio commissioners are receiving their salaries regularly—that is, excepting Commissioners Caldwell and Bellows, who failed of confirmation. The money is coming from an old appropriation granted to the radio division of the Department of Commerce.

CROSLEY ENTERS LICENSE AGREEMENT UNDER RCA PATENTS

Stabilization of the radio industry received marked impetus when it became known that Powell Crosley, jr., President of the Crosley Radio Corporation, leader of the independent radio manufacturers, had entered into an agreement with the Radio Corporation of America whereby Crosley is licensed under many of the radio patents held by RCA, General Electric Co., Westinghouse Electric and Manufacturing Co., and the American Telephone and Telegraph Co.

The agreement entitles Crosley to the use of more than 100 basic patents except those covering the principle of the super-heterodyne and super-regeneration. All future laboratory developments of RCA and its associated companies in the field of tuned radio frequency receivers will be available to him.
This Efficient Radio
Will Separate the Southern California Stations!

The Model 325 Stewart-Warner receiver with its famous U. S. Navy receiving circuit has proved to be one of the most efficient units ever offered for sale on the Pacific Coast. With it Preston and many others regularly played Japanese and Australian stations during the past "DX" season. It has been widely acclaimed by radio enthusiasts both in congested city locations and in smaller communities where reception conditions are ideal.

This five-tube receiver, for all its efficiency, is moderately priced. It has splendid volume, wonderful tone and its selectivity is noteworthy. You cannot go wrong on the purchase of a Stewart-Warner radio, reproducer or Stewart-Warner double tested tubes.

There's a Stewart-Warner Dealer near your home who will gladly demonstrate this equipment. Ask us for his name.

Stewart-Warner Products Service Station
{ Wholesale Distributors Stewart-Warner Radio }
1366 South Figueroa Street ~ LOS ANGELES
"The Station with a Smile" is located in the Municipal Auditorium, Santa Monica, California, on the shore of the Pacific. It is managed and announced by Tom Mitchell, whose winning personality and beautiful baritone voice, keeping them in the best of spirits.

The equipment is of the most modern type, and is presided over by Clarence B. Juneau, who specializes on real quality transmission. R. L. Rust is the go-getter in charge of the advertising department, and Margaret MacDonald have made many friends. His "Smiling Circle Hour" daily is one of the most popular programs on the air. It is a real joy hour for the shut-ins of Southern California.

The artists of KNRC can always find plenty of diversion:—surf bathing and the many amusements along the beach, Shontz is program arranger and studio accompanist.

The station is owned by Kierulff and Ravenscroft, who are distributors for Crosley Radio sets, Burgess Batteries, Majestic B Eliminators, Vesta Trickle Chargers, Cunningham tubes and other radio accessories.

SAVE MONEY!
Have your old set rebuilt into a Five Tube Combination Set
$25.00 Does It
FREMONT RADIO SHOP
7621 So. San Pedro St. Los Angeles

WANTED—Inside Salesman
By Radio Wholesale Firm
Must have radio and wholesale experience. Apply by letter only, giving particulars as to age, experience, etc.
Address
Box "R" Radio Doings
KGFO Puts to Sea

The splendid new Los Angeles Steamship Company liner, City of Honolulu, left Los Angeles last Saturday noon on her maiden voyage to the Hawaiian Islands, carrying on her capacity passenger list many prominent members of the Los Angeles Chamber of Commerce. And "parked" on her forward well-deck was a truck, carrying a portable radio broadcast station, KGFO, over which the Angelenos will tell the "world they left behind" of great sea experiences.

KGFO is a neat, well-equipped 100-watt station, owned and operated by the Brant Radio Power Company of Terre Haute, Indiana. It was designed and built especially for the purpose of visiting all the Hoosier Unit dealers in the country, giving each the privilege of broadcasting local programs. The station will continue to operate on 204 meters, broadcasting the splendid talent always so plentiful on a large passenger ship. Jay Peters, Chief Technician of the station, will be in charge, and probably the well-known voice of "Uncle John" Daggett will be heard announcing the programs.

Much interest is being displayed on the part of the DX hounds, in an attempt to follow the station all the way across.

Battery equipment will be used throughout; in fact, several of the Hoosier Power Units will be connected in series to supply the high voltage to the tubes. These units consist of a six-volt storage battery, a very neatly mounted bank of storage "B" batteries, trickle chargers for both, tube tester and re-activator, all enclosed in a good-looking grained metal case. One switch connects the batteries to the radio set, turns them off or puts them on charge.

Broadcasting at sea has been, as yet, an almost unexplored field, and the owners are very anxious to learn of the results. The factory, therefore, would appreciate reports from everyone hearing the station, either while at sea or while it is landed in Honolulu, so that they may determine at what distances and at what locations the best results were obtained. Drop a line to KGFO, the Pacific Hoosier Sales Company, 1547 W. Pico, Los Angeles, Calif., giving exact dates and time (Pacific Standard). An unique acknowledgment will be forthcoming.

KFI Popular in the East

Robert Hurd, program manager of Station KFI, exhibiting the cup awarded the Earl C. Anthony station as eighth prize in a popularity contest recently conducted by an Eastern radio magazine.
Lindbergh on the Air

Captain Charles Lindbergh, America's greatest hero, will be the recipient of the greatest welcome ever accorded an American citizen.

According to plans being made by the National Broadcasting Company, the entire reception of Lindbergh at Washington, D.C., by the President and his Cabinet will be broadcast over the combined networks of the National Broadcasting Company between the hours of 9:00 and 11:30 a.m., Pacific Coast time, Saturday, June 11.

Microphones will be installed at the Washington Navy Yard and along the route of the parade on Pennsylvania avenue to the Washington Monument, where over one hundred thousand people are expected to welcome the boy pilot.

Millions will hear the broadcast on their own sets and thousands will make up the audiences which will hear the program over microphones, which will be placed in civic auditoriums and concert halls. Those in isolated sections of the country will be able to hear the program by tuning in on the closest National Broadcasting Company station.

The Pacific Coast network of the Company, including stations KHQ, Spokane; KOMO and KFOA, Seattle; KGW, Portland; KGO, Oakland; KPO, San Francisco, and KFI, Los Angeles, will broadcast the program in this section of the country.

All of America followed Lindbergh's flight and reception in the nations of Europe, but to this country goes the supreme honor of welcoming its own hero, Captain Charles Lindbergh, the flier, the man and the American.

The one big plea of the Federal Radio Commission is that fans bear with them at least during the month of June, in order to give the new set-up a real trial. Assurance is given that any necessary changes will surely be made.

Improve Your Summer Reception with a

POWELL "B" ELIMINATOR

$12.25

H. E. Satterfield, Chief Engr. KPSN, says:

"The 'B' Eliminator recently purchased from you has, to my opinion, operated wonderfully well and I am more than pleased with the satisfactory operation of an eliminator that is sold at such a low figure. The workmanship is good and the eliminator itself is fully up to all requirements. I thank you for your prompt service."

ABSOLUTELY GUARANTEED

Dealers and Set Manufacturers: Get our prices on "B" Eliminator Kits for use in your own set.

Call VERmont 1619
For Information

POWELL MFG. CO.
4009 S. Western LOS ANGELES
S-M Reservoir B Supply

(Note—This is the third of a series of articles for the home-constructor. Last week the SC II set was described and illustrated. In this article we are giving the outstanding features of a B supply unit, especially designed for the fan who finds enjoyment in putting together his own equipment.)

The Silver-Marshall 652 B power supply unit was expressly designed for the home-constructor. It is a high quality eliminator for use with any standard radio receiver. It will operate on any 60 cycle alternating current home lighting circuit, the voltage of which falls within the limits of 105 to 120 volts. As its name implies, the “Reservoir B” has sufficient reserve capacity to operate a receiver employing from one to ten tubes. A maximum of 20 milliamperes may be obtained from the 180 volt tap, 45 to 50 milliamperes from the 90 volt tap, and from 1 to 10 milliamperes from the 45 volt tap. The voltage obtained from one tap will not react appreciably on the output of the other taps, and the reserve capacity is such that large instantaneous current drains, demanded in the reception of strong signals, will be supplied without appreciable voltage fluctuation which, in the case of ordinary eliminators, is largely responsible for poor quality of reproduction.

Through the use of a carefully designed and unusual filter system, the filtration is excellent, and the terminal reactance surprisingly low—on the order of a few ohms at common audio frequencies. It is this low terminal reactance, normally only obtainable with 100 or more microfarads of bypass capacity, that allows the 652 unit to operate sensitive receivers which will go into uncontrollable oscillation when operated from ordinary eliminators, and it also accounts for the fact that the 652 unit will always allow of as good low note reproduction as new batteries.

The unit is provided with one negative binding post and three positive binding posts, enabling three different voltage to be obtained. The 45 volt post will supply sufficient voltage and current for the operation of either an ordinary detector tube as found in the average radio receiver or an oscillator and two detectors as found in many superheterodyne receivers. The 90 volt tap will supply from zero to 45 milliamperes (sufficient current to take care of from six to seven RF amplifier tubes) with a voltage variation of less than three per cent. The 180 volt tap will supply this voltage at no load and, under a 20 milliamperes load, such as would be drawn by a UX171 tube, the voltage will be between 160 and 170 volts, depending upon actual line voltages. (This value is ample for the satisfactory operation of a 171 tube, and, in fact, is higher than that obtained with most eliminators.)

Due to the fact that the voltage of the 652 unit can never rise above 180 volts, the strain imposed upon bypass condensers in a receiver is negligible as compared to that imposed upon receiver condensers by ordinary eliminators, the open circuit voltage of which frequently rises to 250 or 300 volts.

A very important point is that with normal receiver current consumption no “putting” or “motorboating” sounds will be experienced with the 652 unit. The average eliminator will vary at the rate
S-M Reservoir B Supply

of 1 ½ volts per milliampere, if well designed; whereas, the 90 volt tap of the 652 unit, for example, will vary at the rate of only .07 volts per milliampere, the voltage regulation in this latter case obviously being many times superior to that of ordinary eliminators (without resultant decrease in troubles from motorboating and poor quality of reproduction due to insufficient reserve capacity in the eliminator itself). The parts required are as follows:

1—S-M 329 power transformer
1—S-M 331 Unichoke
1—S-M condenser bank
3—S-M 311 tube sockets
1—S-M (Ward-Leonard) 653 resistance
1—Pierced and enameled steel base
4—binding posts
4—sets binding post insulating washers
4—soldering lugs
12—feet Kellogg hook-up wire
10—6/32"x 1/2" R.H.N.P. screws
10—4/32 nuts
4—Rubber bumper feet with screws

The wiring diagram and further instructions will be given next week.

COPELAND MAY BECOME BROADCASTER

It has become known that Senator Royal Copeland, of New York, who is a medical doctor by profession, has under consideration an offer from Station WOL, in New York, to broadcast a series of talks on health and nutrition. Senator Copeland said the offer was interesting and attractive to him, but that he had not yet definitely decided to accept it.

For the third consecutive year, Los Angeles station KHJ sends a group of broadcast entertainers to Honolulu on the annual Chamber of Commerce excursion to the islands. The group this year will include Uncle John and Pal O'Mine, KHJ's manager and wife; the KHJ Concert Trio, Neva Chilberg, Lela Davies and Helen Davis; and Faynette Munroe, "Dixie's Daughter," in monologues and vocal solos.

Herald
$13.75

A FREE-EDGED cone speaker, 18 inches high, with protecting metal frame. Compare this handsome new Herald for volume and tone with any higher priced speaker at your dealer's.
KUPROX
No Bulbs • No Liquids • No Noise

Requires no Attention

No

Watering

No

Adjusting

No

Cleaning

No

Corroding

Install it - Forget it!

Replaces Acids, Liquids, Bulbs in Trickle Chargers

KUPROX
No Bulbs • No Liquids • No Noise

Makes any trickle charger bone dry . . . give twice the former charging rate!

KUPROX replaces the acid jar in all standard chargers and power units. Disconnect and throw it away—acid and all.

KUPROX replaces the acid jar in all standard chargers and power units. Disconnect and throw it away—acid and all.

KUPROX can be attached to any Trickle Charger or Power Unit in two minutes. See it at your dealer.

LIST PRICE—With Full Installation Instructions $4.50

THE KODEL RADIO CORPORATION
CINCINNATI, OHIO

BERTRAM SMITH
Western Sales Manager
400 San Fernando Bldg., Los Angeles
Phone: VAndike 3269
Smooth, Steady Direct Current

Can Come Only from Batteries

The Hoosier Power Unit

That is why every famous DX-getter uses them; why all broadcast stations rely upon them. If you desire perfect radio reception, let us show you how you may have batteries without the usual battery troubles. Neatness and efficiency are yours in a HOOSIER.

Call or Write for Full Particulars

Manufactured By

BRANT RADIO POWER CO.
TERRE HAUTE, INDIANA
Distributors for Pacific Coast
PACIFIC HOOSIER SALES CO.
1547 W. Pico St. WA. 6983 Los Angeles, Calif.
Champion Orange Packer Wins Radio

That Miss Marjorie Richards of Orange was "tickled to death" as she expressed it when presented with the bill of sale for the Atwater Kent radio, donated by Ray Thomas, Inc., Southern California Distributors of the Atwater Kent radio, for winning the world's championship orange packing contest at the California Valencia Orange show at Anaheim, California, last month, was putting it mildly.

Although Miss Richards won several prizes, among them being a silver loving cup and three checks for $100 each, the radio was the one most cherished.

Miss Richards scored 915.66 points out of a possible 1000. In addition to being awarded the world's championship title, she had the honor of being a member of the winning team.

"Papa, what's Scotland Yard?"
"I'm not sure, son, but I think it's a little less than three feet."—Charles Hamp, over KMTR.

Mica Condensers in the Making

Because of the low price paid for it, the mica condenser, or micadon, would seem a simple thing to make. Yet there are a dozen and a half major steps involved in the making of the Dubilier Micadon, and all the research and engineering and production skill of an organization specializing in condensers to meet the rigid specifications imposed.

The production of mica condensers or micadons starts out with the mica itself, which is a special grade imported from India. The mica is cut to size and is crystal clear, quite unlike the mica with which we are generally familiar. The tiny sheets must now be gauged in thousands of an inch, since the thickness of the mica separation determines the capacity of the condenser.

Girls, equipped with direct-reading micrometer calipers, rapidly yet accurately gauge the almost countless sheets of mica and sort them out according to thickness.

The next step is to test the mica electrically. Each piece is subjected to a veritable lightning storm, with miniature bolts flashing all over the surface of each sheet, seeking a weak spot to smash through.

Meanwhile, the tinfoil is cut into pieces of the requisite size. This stock is thicker than the tinfoil used in paper condensers.

The assembly of the micadon is handled by skilled girls, working with ingenious jigs that insure the positive alignment of mica sheets and tinfoil strips. Alternate pieces of tinfoil and mica are stacked up in the jig until the requisite condenser has been constructed. The pile is then clipped together. Still, the condenser is not completed. It must be made absolutely permanent—sealed against moisture and any pos-

(Continued on Page 86)
The B Supply with a Punch

The Reservoir B supply, enthusiastically chosen by Keith Henney, Director of Radio Broadcast Laboratories, for his personal use, is setting new standards of B supply performance, for it is free from "hum," "motor-boating," or "putting" noises.

You can connect one up in an hour or two, hook it to your set—any set—and enjoy reception with the positive assurance of constant, even voltages. The 652 will deliver up to 10 milliamperes at 45 volts, up to 45 milliamperes at 90 volts with less than 5 per cent voltage variation and plenty of juice on the 180 volt tap for a 171 power tube or two!

And remember—the 652 B is guaranteed to give more satisfactory results than you've ever had with any B eliminator—day in and day out to work exactly as will fresh new batteries.

Price $34.50, less one CX-374 and one CX-313 tube.

RESULTS PLUS WITH THE S-C II

The S-C II receiver designed by McMurdo Silver and Laurence M. Cockaday is astounding Los Angeles with its performance. Kenneth Ormiston, operating his S-C three blocks from a powerful local station, is able to cut through to San Francisco, Seattle, Denver, Portland and beyond. Another builder finishing his set at three o'clock in the afternoon, pulled in Vancouver right off the bat!

Take home a set of parts—your dealer has them—and after a couple of hours' fun in the kitchen, hook 'er to your speaker and listen to the stations pound in.

And as you lean back and pull on the old pipe, you get a sense of satisfaction and money saved as the family, one and all, say, "There, that's real music."

Then as you look with pride at the S-C II you've built all yourself, you'll appreciate its big value—complete individual shielding, sturdy steel chassis and panel, its two simple tuning dials, tone quality that pleases even the neighbors—real value and satisfaction just sticking out all over, and it cost you only $64.35, plus lots of fun.

Ask your dealer for a booklet on the S-C II, or write direct.

SILVER-MARSHALL, INC.
Factory Representative
* ERNEST WALKER SAWYER
487 Chamber of Commerce Bldg.

LOS ANGELES
I can't begin to tell the number of times I have been asked these questions about one of the local radio announcers. "What was he before he became an announcer?" "Where did he come from?" and one pert young thing sent me the ditty directed to—or at—Harold Isbell.

"Where did you come from, Announcer dear, out of the everywhere into the here? And where did you get those eyes so blue? Out of the ether as you came through?"

So I put the question to Mr. Isbell and he told me that he spent five years in Lyceum and Chautauqua work, musical and dramatic, two years on the legitimate stage in dramatic productions, barn-storming and otherwise, and that he left the University of Illinois after two years to take up this stage work, although his father, a lawyer, had planned for his son to follow in his footsteps. When Mr. Isbell decided that he had enough of the show business, he went to work for the Standard Oil Company in Los Angeles, and it was during their first series of programs at KFI that he was called upon to make some announcements for the company, resulting in an offer from the KFI management to fill a vacancy then existing. So, that's where Harold Isbell came from, and he confided to me that what he wonders is "Where he is going." To forestall a question sure to be asked as to what radio announcers are made of, Harold is made of sugar and spice and everything nice. He really is an awfully nice chap.

Many times you have tuned your radio to listen to an orchestra of exceptional merit, led by Edmund Foerstel, violinist. Mr. Foerstel is one of the happiest men I know just now, for the Foerstel men, three brothers and father, after twenty years' separation, are reunited in Edmund Foerstel's delightful Los Angeles home on the top of a very high hill. I had the great pleasure of hearing them play quartet, last week, and I believe you may soon have that pleasure if you happen to tune in when they are on the air. The father is 72 years old, and has just come from Leipzig, where his life has been spent in playing (Continued on Page 85)
Stromberg-Carlson

—yesterday
—today
—tomorrow

The Standard by which fine Radio Receivers are measured

Authorized Stromberg-Carlson Dealers:

<table>
<thead>
<tr>
<th>City</th>
<th>Address</th>
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<tbody>
<tr>
<td>LOS ANGELES</td>
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<tr>
<td>DONNELS MUSIC Co.</td>
<td>3831 Wilshire Blvd.</td>
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<tr>
<td>Chapman-House Radio Co.</td>
<td>4377 South Figueroa</td>
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<tr>
<td>Boulevard Furniture Co.</td>
<td>1563 West Washington</td>
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<tr>
<td>Heath Electric Co.</td>
<td>5203 Beverly Blvd.</td>
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<tr>
<td>Shepherd Radio Service</td>
<td>7562 Sunset Blvd.</td>
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<td>Stone Electric Co.</td>
<td>710 West Pico St.</td>
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<td>LONG BEACH</td>
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<tr>
<td>Humphries Music Co.</td>
<td>431 Pine Ave.</td>
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<tr>
<td>Fullerton E. B. Finseth</td>
<td>150 E. Commonwealth</td>
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<tr>
<td>Monrovia Mack Music Co.</td>
<td>516 Myrtle Ave.</td>
</tr>
<tr>
<td>San Pedro McWhinnie Electric Co.</td>
<td>1825 S. Pacific</td>
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Stromberg-Carlson Receivers can be purchased on convenient terms. Your present set accepted in trade from one of the above dealers.

Western Radio, Inc.
WHOLESALE DISTRIBUTORS FOR SOUTHERN CALIFORNIA
Why Filament Rheostats Should Not Be Used for Volume Control

This department has repeatedly cautioned against using a filament rheostat for the purpose of controlling volume. We have again and again stated that all tubes should at all times be operated under the full normal filament temperature, and that decreasing the filament current to reduce volume introduces distortion. Several readers have written to ask why such a condition exists, and some have suggested that we are all wet on the subject. We are, therefore, going into the question more thoroughly, and inasmuch as it is rather difficult of explanation without the use of tube characteristic curves we are resorting to their use, but hope to make the matter sufficiently clear, notwithstanding.

The heated filament in a vacuum emits electrons. Electrons are minute charges of negative electricity. They are attracted to the plate which is positively charged, due to its connection to the B battery. This stream of electrons from filament to plate results in a current in the plate circuit. The grid is interposed between filament and plate, and by varying the voltage impressed upon it, we control the electron stream. When the grid is negative, it repels electrons emitted by the filament driving them back to their source, and hence reduces the number which reach the plate,—this, in turn, reducing the current in the plate circuit.

When the grid is positive it attracts electrons from the filament, preventing them from returning to it as many naturally would do, and a greater number therefore reach the plate, increasing the plate circuit current. By causing variations in the grid potential we therefore cause corresponding variations in the plate current, and the fact that we can use small variations to produce large ones, gives the tube its usefulness as an amplifier.

From the above elementary description we see that there are three elements which effect our flow of electrons:—the temperature of the filament (Continued on Page 37)
DX-TESTED

Cunningham
RADIO TUBES

Will Give You
Clear Beautiful Reception in Summer As Well As Winter

Insist On This DX-Tested Label

This Label Means Tubes Tested for Actual Distance Reception

DX-Tested Cunningham Radio Tubes can be purchased at any dependable Radio Dealer. Do not accept any substitute. Insist on the DX-Tested label. They will not cost you one cent more. No advance in price.

PACIFIC WHOLESALe INC.

1320 S. San Pedro St. WE 4358 LOS ANGELES
ment, the voltage on the plate; and the voltage on the grid. Now, if we operate a tube at full filament temperature, and measure the plate current with different grid voltages and plot a curve from the results we have a graph as indicated in Fig. 1. With the grid at 4 volts negative, in this particular case, the plate current is zero, because no electrons get by the barrier to the plate. Then as the grid is made less negative, more electrons get through, increasing the plate current gradually, until with zero potential on the grid we have a plate current of 7. Now, with reversed polarity, the grid is gradually made positive with respect to the filament and our plate current continues to increase until a saturation point is reached (in this case at D), about 8.5 milliamperes. Here we have all the electrons which we can possibly get from the filament at its full temperature going through to the plate.

Now, when the tube is used in radio reception, the incoming signal produces a variation in the grid potential as indicated at the bottom of Fig. 2, marked “grid impulse.” We are assuming a normal grid potential here of about 1 volt negative. The incoming signal produces a swing of over a volt in each direction. It is readily seen what the effect in the plate circuit will be. The change in the plate current is indicated by the curve marked “plate current.”

Now consider Figure 3. The top end of the curve (marked D) is just the same as our Fig. 1. It represents the tube characteristic with full filament temperature. Suppose we cut down the filament temperature by turning back the filament rheostat and reducing the filament current. The saturation point naturally comes down because there are less electrons being given off by the filament. Our curve flattens out on top, becoming F, G, H, etc., as the rheostat is turned back.

Let us assume that we are operating with a filament temperature which gives us the curve H. In other words, we have cut the available number of electrons being given off by the filament so that with a grid potential which gives the maximum plate current we only have 5.5 milliamperes.

Now what happens when a signal comes along? In Fig. 4 we have the same grid impulse as in Fig. 2. But since our saturation point occurs at 5.5, no matter what happens to the grid we cannot get a greater current in the plate circuit, and hence the portion of the plate circuit swing shaded in Fig. 4 will be entirely lacking. Our normal steady plate current is 4.5 at the normal 1 volt negative grid potential. And whereas in Fig. 2 the grid impulse gave us a plate current variation of from 1.5 to 7.5, that is impossible now, since our upper limit is 5.5, and we therefore have a distorted wave-form, which swings from 4.5 to 1.5 in one direction, but only from 4.5 to 5.5 in the opposite direction. This lopping off of the top of the wave-form is bound to show up in the output as distortion and do considerable damage to the quality of reproduction obtained.

Every tube in the set should operate at its normal rated filament current, and with the proper B to C voltage relationship at all times. No set should employ a volume control which disturbs any of these three elements to such an extent that the efficiency of the tube is impaired from the quality reproduction standpoint. There are several means of controlling volume which cannot introduce distortion.
ECLIPSE RADIO

Your Idea of Radio

In the creation of the Commodore, Eclipse has developed your ideal in radio. In the quality of its reception, efficiency of its performance, simplicity of its operation and beauty of its design, Commodore has no peer. This is the unanimous opinion of all who have had the pleasure of seeing and hearing this truly remarkable receiver.

Precision methods of manufacture with frequent and rigid inspections builds into Eclipse radios an unusual high standard of quality and uniformity. This high standard of quality is backed by an absolute guarantee of one year against any defects in material or workmanship.

A truly one-dial control calibrated in wave lengths, fully illuminated. A beautifully finished American Black Walnut Cabinet with self-contained Rola cone speaker and ample room for batteries or eliminator.

Six Tubes

Commodore

True Simplicity in this One Dial Calibrated in Meters

The one tuning dial on the Commodore is calibrated in wave lengths. This dial is marked from 190 meters, covering the entire broadcast wave band. Absolute accuracy is obtainable at all wave lengths.

Indirect lighting affords excellent illumination of the dial. The only other control is the volume dial, making but two operations necessary to bring in a broadcast station. Turn the set on (volume control dial)—then turn the tuning dial to the station you want. For example KMTR at 379 meters—then turn the dial to 379. After June 15th, KMTR is scheduled to broadcast on 526 meters. You would only have to turn the dial to 526 to bring KMTR on their new wave length.

ECLIPSE MANUFACTURERS, Inc.
Southern California Distributors

PACIFIC WHOLESALE INC.

DEALERS: There are a few territories open. Communicate at once for details.
Anten-A-Liminator

New Model Adjustable

Here is the way to make that radio perform "as advertised."

Anten-A-Liminator will give you all the selectivity in the world—making it possible to separate the stations on the lower wave band. And you will enjoy a much improved reception without the interference of extraneous noises.

Anten-A-Liminator is a compact instrument that can be put inside or outside your cabinet—installed in a jiffy.

The nine dollars and a half you "lay on the line" is like "bread cast upon the waters," in terms of results. If your radio dealer knows the war is over he'll have an Anten-A-Liminator—otherwise phone us.

Manufactured by
Browning Products Corp., Ogden, Utah

Price $9.50 Complete

Scott Sales Co.

National Distributors
443 S. San Pedro St., Los Angeles. VAndike 3297

Here is one of the fastest selling radio accessories on the market. Write for particulars.
# SUNDAY TIME TABLE

<table>
<thead>
<tr>
<th>Time Range</th>
<th>10-12 A.M.</th>
<th>11-12-11 A.M.</th>
<th>12-2 P.M.</th>
<th>2-4 P.M.</th>
<th>4-6 P.M.</th>
<th>6-8 P.M.</th>
<th>8-10 P.M.</th>
<th>10-12 P.M.</th>
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<tbody>
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## SOUTHERN CALIFORNIA

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<td>520 MHz</td>
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<tr>
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<td>KFSD</td>
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<td>KFWS</td>
<td>361 MHz</td>
<td>Hollywood</td>
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<td>KWTC</td>
<td>341 MHz</td>
<td>Santa Ana</td>
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<td>KNX</td>
<td>337 MHz</td>
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<td>KPSN</td>
<td>281 MHz</td>
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</tr>
<tr>
<td>KTBi</td>
<td>268 MHz</td>
<td>Los Angeles</td>
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<tr>
<td>KXKGEF</td>
<td>263 MHz</td>
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## NORTHERN CALIFORNIA

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<td>KYA</td>
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<td>San Jose</td>
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<td>KTAB</td>
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<td>KRE</td>
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## NORTHERN AND WESTERN STATES

<table>
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<td>KOIN</td>
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<tr>
<td>KMMO</td>
<td>254 MHz</td>
<td>Tacoma</td>
</tr>
</tbody>
</table>

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**ATTENTION, YOU DX HOUNDS!**

Kill Old Man Static and Keep Your Distance This Summer by Installing the **BOB ROBINSON BLUE VITRIOL GROUND**

Shipped Anywhere for $5.00 or Installed for $6.00

N. H. (BOB) ROBINSON 2618 N. Main St., Los Angeles 7310 Capitol
<table>
<thead>
<tr>
<th>Time</th>
<th>STATIONS</th>
<th>ADJUSTED TO PACIFIC TIME</th>
</tr>
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<tbody>
<tr>
<td>10-12</td>
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<td>(X) Indicates Station Is On The Air</td>
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### SOUTHERN CALIFORNIA

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<tbody>
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</table>
## Sterling Dependable Socket-Power Units

### TUESDAY TIME TABLE

<table>
<thead>
<tr>
<th>Time</th>
<th>10-12 A.M.</th>
<th>12-2 P.M.</th>
<th>2-4 P.M.</th>
<th>4-6 P.M.</th>
<th>CALL</th>
<th>Wave Length</th>
<th>STATIONS</th>
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<td>2:00-2:30</td>
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### SOUTHERN CALIFORNIA

<table>
<thead>
<tr>
<th>Station</th>
<th>Call</th>
<th>Wave Length</th>
<th>Power in Units</th>
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</thead>
<tbody>
<tr>
<td>Hollywood</td>
<td>KFI</td>
<td>500</td>
<td>100</td>
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<tr>
<td>San Diego</td>
<td>KSD</td>
<td>500</td>
<td>100</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>KPH</td>
<td>500</td>
<td>100</td>
</tr>
<tr>
<td>Santa Monica</td>
<td>KNS</td>
<td>500</td>
<td>100</td>
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### NORTHERN CALIFORNIA

<table>
<thead>
<tr>
<th>Station</th>
<th>Call</th>
<th>Wave Length</th>
<th>Power in Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oakland</td>
<td>KLX</td>
<td>500</td>
<td>100</td>
</tr>
<tr>
<td>San Francisco</td>
<td>KFOA</td>
<td>500</td>
<td>100</td>
</tr>
<tr>
<td>...</td>
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</table>

### NORTHERN AND WESTERN STATES

<table>
<thead>
<tr>
<th>Station</th>
<th>Call</th>
<th>Wave Length</th>
<th>Power in Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portland</td>
<td>KGW</td>
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<tr>
<td>Seattle</td>
<td>KFJ</td>
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<td>100</td>
</tr>
<tr>
<td>Denver</td>
<td>KFXF</td>
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<td>100</td>
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### ADJUSTED TO PACIFIC TIME

(X) Indicates Station is On The Air
### Sterling Dependable Socket-Power Units

#### WEDNESDAY TIME TABLE

<table>
<thead>
<tr>
<th>10-12 A.M.</th>
<th>12-2 P.M.</th>
<th>2-4 P.M.</th>
<th>4-6 P.M.</th>
<th>STATIONS</th>
<th>CALLS</th>
<th>Wave Length (Meters)</th>
<th>Power in Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 00-10 30</td>
<td>11 00-11 30</td>
<td>12 00-12 30</td>
<td>1 00-1 30</td>
<td>2 00-2 30</td>
<td>3 00-3 30</td>
<td>4 00-4 30</td>
<td>5 00-5 30</td>
</tr>
</tbody>
</table>

#### SOUTHERN CALIFORNIA

- **Call**: 258 500 Hollywood
- **Wave Length**: 500 Hollywood
- **Power**: 500 Hollywood

#### NORTHERN CALIFORNIA

- **Call**: 232 100 Hollywood
- **Wave Length**: 100 Hollywood
- **Power**: 100 Hollywood

#### NORTHERN AND WESTERN STATES

- **Call**: 491 1000 Portland
- **Wave Length**: 1000 Portland
- **Power**: 1000 Portland

---

**Note**: (X) Indicates Station is On the Air.
### THURSDAY TIME TABLE

**ADJUSTED TO PACIFIC TIME**

(X) Indicates Station is On the Air

#### SOUTHERN CALIFORNIA

<table>
<thead>
<tr>
<th>Time</th>
<th>Stations</th>
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</thead>
<tbody>
<tr>
<td>11-12 A.M.</td>
<td>Sterling XI X</td>
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<tr>
<td>12-1 P.M.</td>
<td>San Diego Station</td>
</tr>
<tr>
<td>1-2 P.M.</td>
<td>Los Angeles Station</td>
</tr>
<tr>
<td>2-3 P.M.</td>
<td>Santa Monica Station</td>
</tr>
<tr>
<td>3-4 P.M.</td>
<td>Sterling XI X</td>
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<tr>
<td>4-5 P.M.</td>
<td>Sterling XI X</td>
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#### NORTHERN CALIFORNIA

<table>
<thead>
<tr>
<th>Time</th>
<th>Stations</th>
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<tbody>
<tr>
<td>11-12 A.M.</td>
<td>Sterling XI X</td>
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<tr>
<td>12-1 P.M.</td>
<td>San Diego Station</td>
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<tr>
<td>1-2 P.M.</td>
<td>Los Angeles Station</td>
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<td>2-3 P.M.</td>
<td>Santa Monica Station</td>
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<tr>
<td>3-4 P.M.</td>
<td>Sterling XI X</td>
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<tr>
<td>4-5 P.M.</td>
<td>Sterling XI X</td>
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#### NORTHERN AND WESTERN STATES

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<th>Time</th>
<th>Stations</th>
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<tr>
<td>11-12 A.M.</td>
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<tr>
<td>12-1 P.M.</td>
<td>San Diego Station</td>
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<tr>
<td>1-2 P.M.</td>
<td>Los Angeles Station</td>
</tr>
<tr>
<td>2-3 P.M.</td>
<td>Santa Monica Station</td>
</tr>
<tr>
<td>3-4 P.M.</td>
<td>Sterling XI X</td>
</tr>
<tr>
<td>4-5 P.M.</td>
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**CALL**

**WAVE LENGTH**

**POWER IN**

**STATION**

---
**FRIDAY TIME TABLE**

<table>
<thead>
<tr>
<th>Time</th>
<th>10-12 A.M.</th>
<th>12-2 P.M.</th>
<th>2-4 P.M.</th>
<th>4-6 P.M.</th>
<th>CALL</th>
<th>Wave Lengths</th>
<th>Power in Watts</th>
<th>STATIONS</th>
<th>6-8 P.M.</th>
<th>8-10 P.M.</th>
<th>10-12 P.M.</th>
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**SOUTHERN CALIFORNIA**

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**NORTHERN AND WESTERN STATES**

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### NORTHERN CALIFORNIA

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### NORTHERN AND WESTERN STATES

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*(X) Indicates Station Is On the Air*
A "DX" RECORD Worth While......
And the PRESTON Ground Helped Bring Em In!

The fact that two of the best known distance reception records on the Pacific Coast were made with receivers hooked up to the Preston Permanent Radio Ground is extremely significant.

William Mac Donald, of Chula Vista, California, with a record of over 630 stations to his credit, uses the Preston Ground and now comes a letter from G. Bennett Van Buren, Oakland, California, whose log consists of 622 stations...140 of them foreign to the United States.

The Preston Permanent Radio Ground is not an experiment. It is a positive and efficient ground connection of high conductivity, manufactured to conform to well-proven scientific principles, and thoroughly tested in practice for nearly two years before it was offered for sale as an aid to radio reception.

It will, when installed in accordance with the simple instructions accompanying it, (an extremely simple process), greatly increase volume, selectivity and reception range, as well as eliminate all extraneous noises due to faulty ground connections which are sometimes confused with static.

You have nothing to lose by trying the Preston Permanent Radio Ground. It is sold on a guarantee of satisfactory performance. Ask your dealer for one TODAY.

UNGAR & WATSON, Inc.
National Distributors
1366 So. Figueroa St. Los Angeles

THE SEROY CO.
Distributors for No. Calif., Oregon & Washington
122 Broadway - Oakland, Calif

The Preston Permanent Radio Ground is Distributed in Chicago by:

HARRY ALTER
18th & Michigan

PARAMOUNT ELECTRIC SUPPLY CO.
160 West Lake St.
On June 15th the temporary permits under which all stations were being operated were cancelled and the 60-day licenses issued by the Federal Radio Commission became effective. These assignments are expressed in kilocycle frequency rather than in meter wave-length. It is the Commission that the "frequency" form of measurement be used hereafter both by broadcasters and listeners, that we may gradually work away from the meaningless wave-length term.

However, that our readers who still find it difficult to think in terms of frequency may not be too greatly confused, we have given the corresponding wave-length for each station in the following table. It is to be noted that the wave-length corresponding to the assigned frequency figures out to a fraction, but we have eliminated the decimal and given the wave-length in the nearest full meter.

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Note: The frequencies and wave-lengths given are approximate only, and the reading public should bear in mind that there is always some difference between theoretical and actual wave-length. Furthermore, the wave-lengths in the table are not the same for every receiver, as the receiver's antenna may cause different waves to be received.
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June 11

Los Angeles, California—468.5 Meters

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Class "B" 5000-Watt W. E. Sta., Operating on 4000 Watts

ROBERT HURT, Program Manager

WEEK COMMENCING SUNDAY, JUNE 12, 1927

ANNOUNCER

LESLIE AIME

SUNDAY, JUNE 12

10:00 a.m.—Services under direction of Los Angeles Church Federation.
5:00 p.m.—Vesper Services.
6:00 p.m.—Dorothy Aoleck, pianist, and Arthur J. Smith, tenor.
6:15 p.m.—Father Richard's sunspot weather forecast.
7:00 p.m.—Aeolian Organ Recital—Alex Riley at the console.
8:00 p.m.—Packard Classic Hour, arranged by Alma Frances Gordon, contralto.
9:00 p.m.—National Broadcasting Company program, presenting Sunday Concert program, broadcast over the Orange Network.
10:00 p.m.—Billy Cox and his Packard Eight Orchestra—Dolly McDonald, Blues singer, and Esther Walker, pianist.

MONDAY, JUNE 13

5:30 p.m.—Glenn Edmund's Lake Arrowhead Orchestra.
6:15 p.m.—George Wilder Cartwright talks on the constitution of the United States.
6:30 p.m.—The Gamut Male Quartet.
7:00 p.m.—Gene Johnston's Music Box Hour, Craig Leith, tenor, and Gene Johnston Trio.
9:00 p.m.—National Broadcasting Company presenting Grand Opera "La Gioconda," by Ponchielli.
9:00 p.m.—Shell Company of California, program originating at KPO, broadcast simultaneously by KPO-KFI.
10:00 p.m.—Pastel Trio.

TUESDAY, JUNE 14

5:30 p.m.—The Dragon Hawaiians.
6:00 p.m.—Dean Metcalf.
6:15 p.m.—Prof. Carl S. Knopp.
6:30 p.m.—Bertha Miller English, pianist—Elaine Ruth—Katherine Spangler.
7:00 p.m.—Los Angeles Fire Department Orchestra—Whitman Sisters, Harmony quartet.
8:00 p.m.—James Burroughs, tenor.
9:00 p.m.—Program by the National Broadcasting Company, presenting Hits and Bits of an old-time Minstrel Show, broadcast over the Orange Network.
10:00 p.m.—Collegiate Aeolian Dance Orchestra and Edna Cook, blues singer.

WEDNESDAY, JUNE 15

5:30 p.m.—Sebastian's Cotton Club Orchestra.
6:15 p.m.—Dr. George A. Cole.
6:30 p.m.—Alma Holt, violist—Agnes Bussiret, pianist.
7:00 p.m.—Ray Fisher's Original Victorians Dance Orchestra.
7:30 p.m.—Dick Norris—Detective Stories.
7:45 p.m.—William MacDougall.

7:50 p.m.—Program by Eva Olivetti and James Burroughs, Calpet Ensemble, Director, Pryor Moore, on the California Petroleum Corporation program.
9:00 p.m.—National Broadcasting Company presenting Dramalogue, "King Robert of Sicily," Poem by Longellow, with Orchestra accompaniment, broadcast over the Orange Network.
10:00 p.m.—Elenna Gould, pianist—Virginia McCoy, contralto-contralto: Mrs. Edward C. Crossman, contralto.

THURSDAY, JUNE 16

5:30 p.m.—Elkin's and Hite's Dixieland Orchestra.
6:15 p.m.—Radiator Period.
6:30 p.m.—Mary Christine Albin Trio.
7:00 p.m.—Silverton Ladies' Quartet.
8:00 p.m.—KFI Drama Hour.
8:30 p.m.—Joseph Wallace, tenor: Ida Krupp, soprano.
9:00 p.m.—National Broadcasting Company program—Light Opera, "The Doctor of Alcantara," by Eichberg, broadcast over the Orange Network.
10:00 p.m.—Program of Modern Classical Music—Maryon Bliss, contralto; Gerhardt Schuch, pianist-composer.

FRIDAY, JUNE 17

5:30 p.m.—Eugene Blacalluz.
6:15 p.m.—Madame Nelson, psychologist.
6:30 p.m.—Starke Sisters—Bill Henry.
7:00 p.m.—Aeolian Organ Recital—Alex Reilly at the console.
8:00 p.m.— Program by Paul Roberts and Leslie Adams.
9:00 p.m.—National Broadcasting Company program—"An Hour in Memory Lane," broadcast over the Orange Network.
10:00 p.m.—Packard Ballad Hour—Norma Bowers, soprano; Zelma McCauley, accompanist; Woody Hudson, tenor: Harry Rowe, baritone.

SATURDAY, JUNE 18

5:30 p.m.—Dance Orchestra.
6:15 p.m.—Francis Sullivan, Literary Talks.
6:30 p.m.—Bill Funk and his Packard Five Orchestra—Irene Langley.
7:30 p.m.—Felipe Delgado, with Edna Clark Muir, pianist.
9:00 p.m.—National Broadcasting Company, "Saturday Night Review," broadcast over the Orange Network.
9:00 p.m.—Virginia Flohr and Robert Hurd in an hour of Song, assisted by Louise Klos and Howard Croce.
10:00 p.m.—Packard Radio Club—Esther Walker, pianist—Helent Guest, Hale Hooper and Red Wyatt and his ukule.
11:00 p.m.—KF'O, Midnight Holiday—Mosby's Dixieland Blue Blowers, and sololists.

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Radio Doings

National Broadcasting Co., Inc.

WILLIAM RAINNEY
Announcer

Sunday, June 12—9 to 10 P. M.
The hour will be devoted to a Sunday night concert under the direction of Max Dolin. The hour will also feature Negro spirituals sung by William Powers, a new artist. Max Dolin will broadcast a violin solo, Beethoven's "Minuet." The balance of the program will be devoted to numbers by the orchestra.

Monday, June 13—8 to 9 P. M.
The National Opera Company, under the capable direction of Max Dolin, will present the opera "La Gioconda." "La Gioconda" is by Ponchielli, who lived in Italy about the middle of the 19th century. His music has a decidedly modern tone, though it also has the melodic quality peculiar to Italian opera at all times.
The story of "La Gioconda" is a complicated series of vengeance. Gioconda, a street singer of passionate impulses, and the daughter of a blind mother, is loved by Barnaba, a Venetian government spy. She will have nothing to do with him, as she has lost her head to Enzo, a Genoese nobleman. After a series of events, in which Enzo is lost to her, falling in love with another woman, Laura, La Gioconda commits suicide.
The well known aria include "Cielo e mar" (Sky and Sea), and Gioconda's own song, "Suicidio" (Suicide Song).

Tuesday, June 14—9 to 10 P. M.
MINSTREL SHOW night will be the program of the National Broadcasting Company, from 9 to 10 p.m., over the Pacific Coast Network of stations. Minstrel show, a minstrel show, a decade ago will be revived. Mr. Bones, the interlocutor, and all other the black face characters will be present.
The program under the direction of William Rainey and every effort has been extended to give a real minstrel show. The program is divided into two parts. First, the gathering of the characters with the end men and the interlocutor and the dialogues, and for the other part the Ohio, which is the second part, will not be omitted, and will be given with all the little sketches, songs and impersonations.

Wednesday, June 15—9 to 10 P. M.
"King Robert of Sicily," a dramalogue with music, based on Longfellow's immortal poem, "A Tale of a Wayside Inn," will be broadcast over the Pacific Coast Network of the National Broadcasting Company.
This type of program is something new in the radio field. Programs of music have been presented and programs of drama have been presented, but seldom have the two been combined, using the music to interpret the story. This product is under the direction of William Rainey.
The story is of the haughty King, who, on hearing the priests chant "He has put down the Mule from their seats and exalted those of low degree," scoffs at their sentiments, only to find that another King has taken his throne. After many humiliations, his pride is broken, and he acknowledges the power of the Almighty.
This dramatic story is read by William Rainey to the accompaniment of a symphonic orchestral setting, under the direction of Max Dolin.

Thursday, June 16—9 to 10 P. M.
The National Light Opera Company, under the direction of Max Dolin, will present "The Doctor of Alcantara.
"The Doctor of Alcantara" is a quack and a marriage broker. He has arranged a marriage between Isabella, daughter of Dr. Parisciaus, and a man unknown to her, the son of Senor Balthazar. Isabella, however, responds to the serenades of Don Carlos, and will have nothing to do with the unknown.
Don Carlos conceals himself in a basket and is carried into the house to see his beloved Isabella. The lovers are discovered, and Don Carlos is carried out again in the basket and thrown into the river. He climbs safely out of the river and returns to the house where the doctor makes an attempt at poisoning him. Fearing he is dead, he places the inert body under the sofa.
Senor Balthazar comes to the house and Don Carlos, under the sofa, recognizes his father. He, Don Carlos, is the intended husband of Isabella, and all ends happily.

Friday, June 17—9 to 1 P. M.
The program department has decided to dedicate Friday evenings to memories of songs of yesterday. Songs that out fathers and mothers sang will be revived and sung again.
Three particular songs have been selected to show the evolution of the popular song. "Ta-Ra-Ra-Boom-De-Ya," popular over thirty years ago, was possibly the first of the jazz type of song. Although its rhythm and melody is different, it hints of the present day song. This melody has furnished the motif for many of the jazz tunes and could rightly be called the father of them. "Shew Fly Don't Bother Me!" is another song that was the turning point of the song cycle. This semi-southern melody was the beginning of our present "blue" songs. "The Picture That Is Turned Toward the Wall" is one of the early dramatic or melodramatic type of songs, filled with pathos. This type has been brought down to us and is now today's ballad song.

Saturday, June 18—8 to 9 P. M.
Saturday night will be devoted to the usual review. The National Broadcasting Company feels that this is an appropriate climax to the week's program, and the radio listeners endorse the idea and this program will continue to be the Saturday night broadcast.
Select numbers from the opera, "La Gioconda," "The Doctor of Alcantara," "Memory Lane," "Hit and Bits," and the drama, "King Robert of Sicily," will form the nucleus of the program.
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KHJ

"Uncle John" Daggett

Announcer

**NIGHTLY EXCEPT SUNDAY AND MONDAY—**

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

**WEEK COMMENCING SUNDAY, JUNE 12, 1927**

**SUNDAY, JUNE 12**

10:00 a.m.—Sermon from KHJ studio by Dr. L. E. McNair, pastor of the Westlake Presbyterian Church.
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 First Methodist Episcopal Church.
8:00 to 10:00 p.m.—Studio program, presenting, Ellen L. Wiley, contralto, and Clara Foster Thatcher, soprano, in vocal duets; Frederick MacMurray, violin; Louise Miller, pianist, and others.

**MONDAY, JUNE 13**
Silent all day.

**TUESDAY, JUNE 14**
6:30 p.m.—Children's hour with Queen Tamara and her Sandman: Margaret Bringham, "Nightingale," Playground Department harmony band; Charles Leslie Hill, "Honey Boy," Lois Jane Campbell, "Brown Eyes," and Elvist Allman, reader.
7:40 p.m.—H. M. Robertson, "Dogs."
8:00 to 10:00 p.m.—Program presented by the Girl Reserves of the Y. W. C. A., with singing and instrumental solos.
9:00 p.m.—Swami Paramanda of La Crescenda.

**WEDNESDAY, JUNE 15**
12:00 p.m.—Special school broadcast.
2:30 p.m.—Fred C. McNabb, "Garden Talk."
6:30 p.m.—Children's hour with Viola Essen, "B. B.:" Dick Winslow, screen Juvenile; Glenn Fitz, "Optimistic Mascot;" Patricia Eccleston, "Little Doffodill,;" and Vivian Marple, "Blue Bell of KHJ."
7:40 p.m.—Dr. Mara Baumgardt talks on "Astronomy."
8:00 to 9:00 p.m.—F. J. Smith and his Greater Los Angeles Band.
9:00 to 10:00 p.m.—Lal Chand Mehra, lecturer from India, inspirational and educational talks, and Samuel Furodo, 'cello virtuoso.
10:00 to 11:00 p.m.—Los Angeles Railway Orchestra.

**THURSDAY, JUNE 16**
6:30 p.m.—Children's hour with Joyce Coad, "Little Red Riding Hood." David Rosenthal, saxophonist; June Brandon, contralto; Dick Brandon, reader; Jeanne de Bard. "Bonnie & John of Radioland," and Nelta Bennett, "Ginger Bread Girl."
7:40 p.m.—Mr. Philip M. Lovell, talk on "Care of the Body."
8:00 to 10:00 p.m.—Special program with Zoeller Quartet: Leo H. Sanalper, Russian baritone.
9:00 p.m.—Arthur Edwin Wake, vice president and assistant manager of Abraham Lincoln School for Boys.
10:00 to 11:00 p.m.—Glen Edmunds and his Varsity Four.

**FRIDAY, JUNE 17**
6:30 p.m.—Children's program, presenting Roberta Bush, "Ffriendly of KHJ;" Henrietta Poland, "Forget Me Not;" Richard Headrick, "Little Minister;" Collins Twins. In vocal duets, and others.
7:40 p.m.—Thomas F. Ford, "Book Reviews."
8:00 to 10:00 p.m.—Moral program.
9:00 p.m.—Talk on International Relations.

**SATURDAY, JUNE 18**
6:30 p.m.—Children's program with Nona Cipp, "Sunshine Sally;" Onolee Jones, "cellist;" Dolly Wright, "Dolly of Radioland;" Arthur Stevans, "King Arthur;" Marjorie Genevieve Lowe, "June Bug;" and others.
7:40 p.m.—Ralph Braddock, talk on "History and Romance of California."
8:00 to 10:00 p.m.—Frolic program with KHJ favorites.

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6:00 a.m.—Inspirational talk and morning prayer;
6:00 to 7:45 a.m.—Exercises given by Dr. P. M. Sleza, courtesy Mission Orange Juice.
8:55 a.m.—Time signals from Washington, D.C., followed by Birthday notices.
9:00 a.m.—Radio Shopping News.
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 p.m.—Musical program.
12:30 p.m.—W. F. Alder Travelogue.
1:30 p.m.—The Bookworm.
2:00 p.m.—Radio Trades Association musical program.
4:00 p.m.—Lost and Found Column.
4:55 p.m.—Market reports.
5:30 p.m.—Howard Clark.
5:45 p.m.—The Town Tattler.
6:00 p.m.—Biltmore Hotel Orchestra broadcast from the Biltmore Dining Room.
6:30 p.m.—Dinner hour concert, presenting the Yale Radio Battery Orchestra.

DAILY EXCEPT SUNDAY AND TUESDAY—
11:00 p.m.—Hotel Ambassador: Gus Arnheim's Cocoanut Grove Orchestra.

WEEK COMMENCING SUNDAY, JUNE 12, 1927

SUNDAY, JUNE 12
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; Dr. Charles F. Aked speaking.
6:30 p.m.—First Unitarian Church.
7:00 p.m.—Circle Theatre Concert Orchestra and organ recital.
9:00 p.m.—Feature program.

MONDAY, JUNE 13
3:00 p.m.—First Presbyterian Church of Hollywood.
7:00 p.m.—George J. Birkl Music Company.
7:30 p.m.—Playlet, courtesy Overell Furniture Company.
8:00 p.m.—L. W. Stockwell Company, courtesy program, presenting Calmon Lubovsiki, master violinist, and Claire Melionino, concert pianist.
9:00 p.m.—Evergreen Playground courtesy program.
10:00 p.m.—Earl Burtnett's Biltmore Hotel Orchestra.

TUESDAY, JUNE 14
12:45 p.m.—Broadcasting the Advertising Club Luncheon from Hotel Biltmore.
7:00 p.m.—Playgoers Club, conducted by Wedgewood Nowell.
7:30 p.m.—Fitzgerald Music Company, presenting the Ampleo Knabe Piano.
8:00 p.m.—Tufts-Lyons Arms Company, courtesy program.
9:00 p.m.—Dressah Hardware Company "Quick Meal" half hour.
9:30 p.m.—Cactus Manufacturing Company courtesy program.
10:00 p.m.—Hotel Ambassador; Gus Arnheim's Cocoanut Grove Orchestra.

WEDNESDAY, JUNE 15
3:00 p.m.—Paul Hugh.
3:30 p.m.—Don Warner, popular pianist.
4:00 p.m.—Garden talk by Dewey R. Kruckenberg, of Theodore Payn's Nurseries.
4:15 p.m.—Joyce Coad, little motion picture actress.
7:00 p.m.—Birkl Music Company, presenting the Brunswick Panatropo.

THURSDAY, JUNE 16
4:125 p.m.—Louise Johnson giving hydroscopes.
7:00 p.m.—Carthay Circle Theater organ recital.
8:00 p.m.—H. Jéve and Company courtesy program.
9:00 to 10:00 p.m.—Governor - Engelse Corporation, formerly George A. Bray & Co., courtesy program.
10:00 p.m.—Earl Burtnett's Biltmore Hotel Orchestra.

FRIDAY, JUNE 17
12:45 p.m.—Charles Weeks, talking on "Intensive Little Farms."
3:00 p.m.—Los Angeles District Federation of Women's Clubs musical program.
7:00 p.m.—Playgoers Club, conducted by Wedgewood Nowell.
7:30 p.m.—Fitzgerald Music Company, presenting the Ampleo Knabe Piano.
8:00 p.m.—Davis Perfection Broad Company courtesy program, presenting the Royal Order of Optimistic Do-Nuts.
9:00 p.m.—Mr. and Mrs. Radio Skit.
10:00 p.m.—Broadcasting the Main Events from the Hollywood Legion Stadium, through the courtesy of John Wright, tailor.

SATURDAY, JUNE 18
3:00 p.m.—Town Crier of the Day and his Pals.
7:00 p.m.—Stories of insect life by Harry W. McSpadden.
7:15 p.m.—Announcement of Sunday services of the leading Los Angeles churches.
7:30 to 10:00 p.m.—Feature program.
10:00 p.m.—Earl Burtnett's Biltmore Hotel Orchestra.
12:00 p.m.—The Midnight Express.
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9:30 to 10:30 a.m.—M-1-L A Hour.
12:00 to 12:30 p.m.—KFWB Shopping Directory.
12:30 to 1:30 p.m.—Classified Hour.
5:00 to 5:15 p.m.—Vacation Days.
5:15 to 5:30 p.m.—Emil Farnlund, Vibrophone.
5:30 to 6:00 p.m.—Radio Review.
6:00 to 7:00 p.m.—Dinner Hour Concert.
10:00 to 11:00 p.m.—Musical program from Mayfair Hotel.

WEEK COMMENCING SUNDAY, JUNE 12, 1927

SUNDAY, JUNE 12
9:00 to 10:00 p.m.—Daily News, followed by Vitaphone Hour, presenting Vitaphone Recording Artists.
10:00 to 11:00 p.m.—Daily News, followed by Mabel Leonard and Howard Stevenson's Ragtime Review.

MONDAY, JUNE 13
7:00 to 7:30 p.m.—Concert program.
7:30 to 7:45 p.m.—Howard Clark. popular songs, by courtesy of Dan Parker, tailor.
7:45 to 8:00 p.m.—Daily News.
8:00 to 9:00 p.m.—Dan Santos' Hawaiian Trio; Morris Sisters, harmony numbers; Eunice Wynn, popular songs.
9:00 to 9:15 p.m.—Daily News items.
9:10 to 11:00 p.m.—Emma Kimmel, soprano: Warner Bros. European Novelty Orchestra, under direction of Chico De Verde.

TUESDAY, JUNE 14
11:30 to 12:00 p.m.—Pacific Electric Art in old-time songs to his banjo accompaniment.
1:30 p.m.—Mabel Leonard's Surprise program.
7:00 to 7:30 p.m.—Thirty minutes of sunshine by Charles W. Hamp, director of Radio Activities of the Iona Co., presenting the lunaco.
7:30 to 7:55 p.m. — June Parker, blues songs; Howard Stevenson, piano solos.
8:00 to 9:00 p.m. — Ann Grey, blues songs; California Banjo Boys Trio; LeRoy Kullberg and his ukulele.
9:10 to 10:00 p.m.—John Canton, tenor: LeGrand Concert Ensemble.

7:00 to 7:30 p.m.—Charlotte DeLovelace, blues songs; Metropolitan Dance Orchestra.
8:00 to 9:00 p.m.—Program by courtesy of Stewart-Warner Products, Inc., featuring concert orchestra and soloists. 
9:10 to 10:00 p.m.—Ray Bailey's Trio; Julius Phillips, tenor.

THURSDAY, JUNE 16
1:30 p.m.—Mabel Leonard's Surprise program.
7:30 to 7:50 p.m.—Sol Hoopii's Hawaiian Trio; Jackie Lucas, blues songs.
8:00 to 9:00 p.m.—Program by courtesy of the Southern California Music Company.
9:10 to 10:00 p.m.—Leon Belasky's Salon Ensemble; Vernon Rickard, tenor.

FRIDAY, JUNE 17
7:00 to 7:15 p.m.—Howard Clark, in popular songs, by courtesy of Dan Parker, tailor.
7:15 to 7:50 p.m.—Ruth Michaelson, blues songs; Warner Bros. Dance Orchestra.
8:00 to 9:00 p.m.—Dan Santos' Hawaiian Trio; Rollins Sisters, harmony numbers.
9:10 to 10:00 p.m.—Louise Sullivan's Trio; John Canton, tenor.

SATURDAY, JUNE 18
7:00 to 8:00 p.m.—Van Sisters Trio, in popular numbers; Ann Grey, blues songs;
8:00 to 9:00 p.m.—Program, by courtesy of the MonaMotor Oil Company, introducing Vernon Rickard, tenor; MonaMotor Oil Company's String Quartette.

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DAILY EXCEPT SUNDAY—

7:00 to 7:30 a.m.—Prof. Barclay Stevens' Setting-up Exercises.
7:30 to 8:00 a.m.—Louise Hewitt's half hour.
8:00 to 9:00 a.m.—Time Signals from Washington, D. C.
12:30 to 1:30 p.m.—Who's Who and What's Happening.
1:30 to 2:30 p.m.—KMTR Tea Dance.
3:00 to 4:00 p.m.—Extension Courses from U. S. C., except Saturday.
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.
6:15 to 6:45 p.m.—Dinner hour program featuring Le Grande Trio.
6:45 to 7:30 p.m.—Fitzgerald Music Co. program.
10:00 to 11:00 p.m.—Miller's Cafe Lafayette Dance Orchestra, direction of Ray West.

WEEK COMMENCING SUNDAY, JUNE 12, 1927

SUNDAY, JUNE 12
5:30 to 6:15 p.m.—White King Male Quartet.
6:15 to 6:30 p.m.—Nightly Doings.
6:30 to 7:00 p.m.—Half-hour of Cheer.
7:00 to 8:00 p.m.—Miller's Cafe Lafayette Concert Orchestra.
8:00 to 9:30 p.m.—KMTR Feature Program.

MONDAY, JUNE 13
10:00 to 11:00 a.m.—Home Hour.
11:00 to 12:00 p.m.—Madame Alem's Hour.
2:30 to 3:00 p.m.—Advance Elec. Co. courtesy program.
4:00 p.m.—J. P. Redding, representing the Lonaco Co.
7:30 to 8:00 p.m.—Vandegrift Shoe Company courtesy program.
8:00 to 9:00 p.m.—A. V. Shotwell program.
9:00 to 10:00 p.m.—Ford Dealers' courtesy program.

TUESDAY, JUNE 14
9:00 to 9:45 a.m.—Sylvia the Blind Cook.
9:45 to 10:00 a.m.—Charles Hamp representing Hair Again.
10:00 to 11:00 a.m.—Georgia O. George "The Psychology and Physiology of Beauty."
11:00 to 12:00 noon—Shopping Hour.
12:00 to 12:30 p.m.—Talk on voting.
2:30 to 3:00 p.m.—Advance Elec. Co.'s Program.
4:00 to 4:30 p.m.—Police Commissioner W. O. Thorpe and L. A. Police Quartet.
4:30 to 5:15 p.m.—Le Roy Parry's Orch.
5:15 to 5:30 p.m.—Talk on health by Dr. Robert T. Williams.
7:30 to 8:00 p.m.—L. A. Investment Co.
8:00 to 9:00 J. p.m.—Hollywood Storage Co's program.
9:00 to 10:00 p.m.—Coursey Program.

WEDNESDAY, JUNE 15
9:00 to 9:30 a.m.—Diet Question Box.
9:30 to 10:00 p.m.—Travel Talk.
10:15 to 11:00 a.m.—Home Hour.
12:30 to 3:00 p.m.—Advance Elec. Co.'s Program.

7:30 to 8:00 p.m.—Overell's Furniture Co. courtesy program, featuring the Overell KMTR Players.
8:00 to 10:00 p.m.—Platt Music Co.'s Program.

THURSDAY, JUNE 16
9:00 to 10:00 a.m.—Sylvia, the Blind Cook.
10:00 to 10:15 a.m.—Charles Hamp, representing Hair Again.
10:15 to 12:00 noon—Georgia O. George, "The Psychology and Physiology of Beauty."
2:30 to 3:00 p.m.—Advance Elec. Co. Program.
4:45 to 5:15 p.m.—"Cleanings of a Worm" by Lloyd Luckham.
6:15 to 6:30 p.m.—Platt Music Co. courtesy program.
7:30 to 8:00 p.m.—Winslow B. Felix, Chevrolet courtesy program.
8:00 to 10:00 p.m.—Puritas Vaudeville.

FRIDAY, JUNE 17
8:15 a.m.—Broadcasting from the Breakfast Club.
10:00 to 11:00 a.m.—Home Hour.
2:30 to 3:00 p.m.—Advance Elec. Co.'s Program.
7:30 to 8:00 p.m.—Charles Hamp.
8:00 to 9:00 p.m.—Tucker and Charles.
9:00 to 9:30 p.m.—L. A. Investment Co.
9:30 to 10:00 p.m.—C. E. Toberman Co.

SATURDAY, JUNE 18
9:00 to 10:00 a.m.—Sylvia, the Blind Cook.
10:00 to 10:15 a.m.—Charles Hamp, representing Hair Again.
10:15 to 11 a.m.—Home Hour.
4:00 p.m.—Radio Talk to Radio Fans by Forbes W. Van Why.
7:30 to 7:45 p.m.—Talk by M. D. Benesh of the Sheriff's office.
7:45 to 8:00 p.m.—KMTR Movie Club.
8:00 to 8:30 p.m.—Luna Park courtesy program.
8:30 to 10:00 p.m.—Hollywood Storage Co. Program.
9:00 to 10:00 a.m.—L. A. Police Department Program.
10:00 to 12:00 p.m.—Miller's Cafe Lafayette Dance Orchestra, direction Ray West.

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DAILY EXCEPT SUNDAY—
10:00 to 11:00 a.m.—Hatch Graham’s Oddities.
11:00 to 12:00 a.m.—Baron Keyes diversifies.
2:00 to 4:00 p.m.—Program by remote control from Palace de
dance, featuring Ralph Markey and his Musical Keys.
4:00 to 5:00 p.m.—Educational Hour.
5:00 to 5:45 p.m.—Sundown Frolic.
5:45 to 6:00 p.m.—Amusement suggestions.
6:00 to 7:00 p.m.—Pipe organ recital by remote control from the studio of Albert Hoy
Malotte.
10:00 to 11:00 p.m.—Palais de Dance and Ralph Markey and his Musical Keys
11:00 to 12:00 p.m.—Cinderella Roof—by remote control.

WEEK COMMENCING SUNDAY, JUNE 12, 1927

SUNDAY, JUNE 12
6:00 to 7:00 p.m.—Angelus String Trio: Ruth Donegan, soprano.
7:00 to 8:00 p.m.—Request hour; Kay Palmer, Wint Cotton, Edna Cook, Red
Wyatt, Al Rattray, Kay O’Neill, Leonard
Van Berg, Baron Keyes, Adrean Leigh, and
others.
8:00 to 9:00 p.m.—Request Hour.
9:00 to 10:00 p.m.—Bud Rilley’s Hawaiian
program.

MONDAY, JUNE 13
12:00 to 1:00 p.m.—Oregon Agitators Or-
chestra.
4:00 to 4:03 p.m.—Bulletin—Health Com-
missioner George Parrish.
7:00 to 7:30 p.m.—Frank Barry tenor;
Adrean Lee pianist.
7:30 to 8:00 p.m.—Charlie Diamond, steel
guitar artist.
8:00 to 9:00 p.m.—Pope and his Californi-
nians.
9:00 to 10:00 p.m.—American Broadcast-
ing Company: Simultaneous broadcast
with KYA, San Francisco; program origi-
nating at KFXB.

TUESDAY, JUNE 14
12:00 to 1:00 p.m.—Oregon Agitators Or-
chestra.
4:00 to 4:03 p.m.—Bulletin—Health Com-
misioner George Parrish.
7:00 to 8:00 p.m.—Rita Hannaman: C. E.
Roletti, Mabel and Billy Wus.
8:00 to 9:00 p.m.—Kanner String Trio.
9:00 to 9:30 p.m.—KFXB Male Trio: Leon-
ard Van Berg, Frank Barry, Leigh Har-
lino.
9:30 to 10:00 p.m.—Bout by bout returns of
the main event from the Olympic Audi-
torium.

WEDNESDAY, JUNE 15
4:00 to 4:03 p.m.—Bulletin—Health Com-
misioner George Parrish.

4:03 to 5:00 p.m.—Frank Carr and his Cin-
darella Roof Orchestra.
7:00 to 7:30 p.m.—Dick Ross’s Virginians
—KFXB Girl Friends.
8:00 to 8:30 p.m.—Santa Anita Trio.
8:30 to 10:00 p.m.—Request hour; Edna
Cook, Red Wyatt, Announcer Van Berg, James
Balderas, Kay O’Neill, Al Rattray, etc.

THURSDAY, JUNE 16
12:00 to 1:00 p.m.—Oregon Agitators Or-
chestra.
4:00 to 4:03 p.m.—Bulletin—Health Com-
misioner George Parrish.
7:00 to 8:00 p.m.—Bill Barton, Sugar Har-
old, Joey Lee, and others.
8:00 to 9:00 p.m.—G. E. Roletti, Adrean
Lee, Irene Wynne.
9:00 to 10:00 p.m.—Angelus String Trio.

FRIDAY, JUNE 17
12:00 to 1:00 p.m.—Oregon Agitators Or-
chestra.
4:00 to 4:03 p.m.—Bulletin—Health Com-
misioner George Parrish.
7:00 to 8:00 p.m.—Jack Lemhpk’s Radio
Boys, KFXB Girl Friends.
8:00 to 9:00 p.m.—Request hour: Kay
Palmer, Wint Cotton, Leigh Harline,
Leonard Van Berg, Baron Keyes, etc.
9:00 to 10:00 p.m.—American Broadcast-
ing Company: Simultaneously broadcast
with KYA, San Francisco; program origi-
nating at KYA, San Francisco.

SATURDAY, JUNE 18
12:00 to 1:00 p.m.—Oregon Agitators Or-
chestra.
4:00 to 5:00 p.m.—Frank Carr’s Cinde-
rella Roof Orchestra.
7:00 to 7:30 p.m.—Carl Dye’s Melody
Makers.
7:30 to 8:00 p.m.—Frank Barry, tenor;
Adrean Lee pianist.
8:00 to 10:00 p.m.—Police Frolic; Bill
Livingston’s Radio Boys; KFXB Girl
Friends; Tiny Newland, etc.

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DAILY EXCEPT SUNDAY AND MONDAY—
10:30 to 11:00 a.m.—Sunshine Hour.
11:30 a.m. to 12:30 p.m.—Noonday Musical.
6:30 to 7:30 p.m.—Angelus Hour.

DAILY EXCEPT SUNDAY, MONDAY, WEDNESDAY, SATURDAY—
2:30 to 3:30 p.m.—Gray Studio Program.

Aimee Semple McPherson WEEK COMMENCING SUNDAY, JUNE 12, 1927

SUNDAY, JUNE 12
10:30 a.m. to 12:30 p.m.—Sunday morning worship: A. C. Roberts, Evangelist. Thomas Johnson, soloist; Temple organ and chorus played by Roy Reed Brignal quartet and soloists.
2:30 to 4:30 p.m.—Afternoon Dispensational service by A. C. Roberts.
6:30 to 9:30 p.m.—Revival service by A. C. Roberts, preceded by musical hour.
10:00 to 11:00 p.m.—Organ recital by Roy Reed Brignal.

TUESDAY, JUNE 14
3:30 to 4:30 p.m.—Vesper hour. Organ recital by B. Earnest Ballard.
6:30 to 7:30 p.m.—Angelus Hour. Gray Studio program arranged by H. C. Mellander.
7:30 to 9:15 p.m.—Evangelistic services by Student Evangelists.

WEDNESDAY, JUNE 15
6:30 to 7:30 p.m.—Angelus Hour. Gray Studio program arranged by H. C. Mellander.
7:30 to 9:30 p.m.—Regular mid-week prayer service by A. C. Roberts.

THURSDAY, JUNE 16
3:30 to 4:30 p.m.—Vesper Hour. Organ recital by B. Earnest Ballard.
6:30 to 7:30 p.m.—Angelus Hour program from Gray Studio.
7:30 to 9:30 p.m.—Regular Water Baptismal service by A. C. Roberts.
9:15 to 10:00 p.m.—Gray Studio program.

FRIDAY, JUNE 17
3:30 to 4:30 p.m.—Vesper Hour. Organ recital by Roy Reed Brignal.
6:30 to 7:30 p.m.—Angelus Hour program from the Gray Studio.
7:30 to 9:30 p.m.—Crusader Rally. Sermon by A. C. Roberts.
10:00 to 11:00 p.m.—Back Home Hour. Angelus Temple Band. Mrs. C. D. Smith, zylophonist.

SATURDAY, JUNE 18
3:30 to 4:30 p.m.—The Children’s Happy Hour. Program arranged by Children’s Evangelist Estelle Jones.
6:30 to 7:30 p.m.—Gray Studio program.
7:30 to 9:30 p.m.—Divine Healing Service, conducted by A. C. Roberts, Evangelist.

Los Angeles, California—288 Meters

KTBI

DAILY EXCEPT SUNDAY—
8:45 to 9:15 a.m.—Devotional Hour.
5:00 to 6:00 p.m.—Inspirational Hour.

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

M. E. CARRIER

WEEK COMMENCING SUNDAY, JUNE 12, 1927

SUNDAY, JUNE 12
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. Biblical Exposition by Rev. David L. Cooper.
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. Sermon by Dr. John McNeill.

MONDAY, JUNE 13
8:00 to 9:00 p.m.—Mexican program directed by Ben Pearson.

TUESDAY, JUNE 14
8:00 to 9:00 p.m.—Biblical Exposition by Rev. W. H. Manshardt.

WEDNESDAY, JUNE 15
8:00 to 9:00 p.m.—Biblical Exposition by Dr. John McNeill, pastor of the Church of the Open Door.

THURSDAY, JUNE 16
8:00 to 9:00 p.m.—Biblical Exposition by Rev. Ralph C. Isbell.

FRIDAY, JUNE 17
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.
8:00 to 9:00 p.m.—Biblical Exposition by John McNeill, pastor.
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KFQZ

DAILY EXCEPT SUNDAY—
1:00 p.m.—News Bulletin, cooperation of Los Angeles Record.
6:00 to 7:00 p.m.—Panatrope Dinner Hour.
MONDAY, TUESDAY, WEDNESDAY AND THURSDAY—
12:00 to 1:00 p.m.—Hazel McCauley and the Office Boy.
THURSDAYS ONLY—
3:30 to 4:00 p.m.—Tryouts (not broadcast).

WEEK COMMENCING SUNDAY, JUNE 12, 1927

THURSDAY, JUNE 16
7:00 to 8:00 p.m.—Leslie E. Taft, talk on radio.
8:00 to 9:00 p.m.—Jean Talbot, Jack Goode and others.
9:00 to 11:00 p.m.—Allen Dale, Don Stevens, Lloyd Wood’s Trio.

FRIDAY, JUNE 17
12:00 p.m.—Greenwich Village Orchestra.
1:00 to 3:30 p.m.—Bureau Public Safety, Los Angeles Police Department.
7:00 to 8:00 p.m.—Clinton Stevenson’s Trio, Al Flanigan, Margaret Ruth Kernan.
8:00 to 9:30 p.m.—Novelties, Bea Carrie and Buddy Helwig.
9:30 to 10:00 p.m.—Entertainers from the Cliff Dwellers.
10:00 to 11:00 p.m.—Art Bridges Orchestra; Helen McColl, Hale Hooper.

SATURDAY, JUNE 18
12:00 p.m.—Dave Mack and his Paris Inn Cafe Orchestra.
7:00 to 8:00 p.m.—Phillip Tronitz Classified Hour.
8:00 to 8:30 p.m.—Jamboree Radio Players.
8:30 to 9:00 p.m.—Jean Talbot and others.
9:00 to 11:00 p.m.—Los Angeles Railway Orchestra; soloists, Signing off nightly at 11 p.m.

Pasadena, California—316 Meters

KPSN

DAILY EXCEPT SUNDAY—
12:15 p.m.—News Bulletin.
6:00 to 8:15 p.m.—Late News Review.

WEEK COMMENCING SUNDAY, JUNE 12, 1927

MacMurray, violinist, and George Frenger, tenor.

THURSDAY, JUNE 16
8:00 to 9:00 p.m.—Star-News concert with van Praag Trio and soloists.

FRIDAY, JUNE 10
4:45 p.m.—Pasadena High School Commencement Exercises.
8:00 to 9:00 p.m.—Special program.

SATURDAY, JUNE 18
8:00 to 9:00 p.m.—Star-News concert with van Praag Trio and soloists.

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WEEK COMMENCING SUNDAY, JUNE 12, 1927

SUNDAY, JUNE 12
11:00 to 12:15 p.m.—Centinela Baptist Church by remote control;

MONDAY, JUNE 13
5:30 to 7:00 p.m.—Request program, Charlie Wellman; KMIC Dance Orchestra.
7:00 to 7:20 p.m.—Charlie Wellman and the Caudlron Quartet.
7:20 to 7:50 p.m.—Final U. S. weather report and forecast.
8:00 to 9:00 p.m.—City of Inglewood courtesy program with the KMIC Concert Orchestra under the direction of Tom Mar-
ner.
9:00 to 9:30 p.m.—Geo. M. Sutton Ford Agency courtesy program, with the Metropolitan Dance Orchestra; Geraldine Gordon, contrabassist; Don Miner, tenor.
9:30 to 10:00 p.m.—DX program.

TUESDAY, JUNE 14
5:30 to 7:00 p.m.—Request program; Charlie Wellman, KMIC Dance Orchestra.
7:00 to 7:20 p.m.—Charles Wellman's own program.
7:20 to 7:50 p.m.—Grovenor Inglis Co.
7:45 to 8:15 p.m.—Hardin Pharmacy re-
quest program.
7:55 to 8:00 p.m.—Final U. S. weather report and forecast; courtesy Col. E. H. Hersey.
8:00 to 8:18 p.m.—Studio announcements, with Bill Henry and Nell Larson; courtesy the Little Ant Man.
8:30 to 9:00 p.m.—Studio program with Helen McColl, the Cyco Girl; Walter Smith, singing tenor of the Oil Fields; Neva Negus, our Warbler; Abe Jacobson, Bad Time stories.
9:00 to 10:00 p.m.—Studio program, with the L. A. R. R. Orchestra; courtesy the L. A. R. R.; Bill Henry, popular soloist.

WEDNESDAY, JUNE 15
5:30 to 7:00 p.m.—Request program; Charlie Wellman, KMIC Dance Orchestra.
7:00 to 7:20 p.m.—Charles Wellman's own program.
7:20 to 7:50 p.m.—Malloy Clint courtesy program, with Gerlidle Gordon and Don Miner.
7:55 to 8:00 p.m.—N. E. Brown, technical talk on radio broadcasting.
8:00 to 8:30 p.m.—Lambert Sales Co. courtesy program, with Mack's Collegians

FRIDAY, JUNE 17
5:30 to 7:00 p.m.—Request program; Charlie Wellman, KMIC Dance Orchestra.
7:00 to 7:20 p.m.—Charles Wellman's own program.
7:20 to 7:50 p.m.—Western Auto Electric Co. courtesy program.
7:50 to 8:00 p.m.—J. C. Masters, courtesy program.
8:00 to 8:30 p.m.—Program featuring two nationally advertised pure food products; Skinner's Macaroni and Raisin Bran.
8:30 to 9:00 p.m.—Fifteen Minutes of Sunshine; courtesy Little Ant Man.
9:00 to 9:30 p.m.—Star Ford Body Exchange Co. courtesy program.
9:30 to 11:30 p.m.—American Legion Frolic, courtesy H. A. McCallister Realty Co.; Dr. L. M. Shrider, chiropractor; "Go Get 'Em Wilson." Clothier; Inglewood Pharmacy.

SATURDAY, JUNE 18
5:30 to 7:00 p.m.—Request program; Charlie Wellman, KMIC Dance Orchestra.
7:00 to 7:20 p.m.—Charles Wellman's own program.
7:20 to 7:50 p.m.—Studio program, with Bill Henry.
7:55 to 8:05 p.m.—Hickman-Wise Printing and Engraving Co. courtesy program.
8:00 to 10:00 p.m.—Studio program. Every one welcome.

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DAILY
4:30 to 6:00 p.m.—Piggy Wiggly Concert Orchestra.
6:00 to 6:15 p.m.—Request Period by Doris & Clarence.
6:15 to 7:00 p.m.—Piggy Wiggly Concert Orchestra.

DAILY EXCEPT SATURDAY AND SUNDAY
10:15 to 10:30 A.M.—Devotional Period.
10:30 to 11:30 a.m.—Physiology of Beauty, Georgia O. George.

SUNDAY, JUNE 12
11:00 to 12:00 p.m.—Church of the Nazarene, Rev. L. A. Reed.
12:30 to 1:00 p.m.—Musical program, sponsored by Markwell Salt Water Taffy Shop.
1:00 to 2:00 p.m.—Musical program, sponsored by Bixel Music Co.
2:00 to 2:30 p.m.—Piggy Wiggly Concert Orchestra.
2:30 to 3:30 p.m.—Pacific Coast Club Orchestra, Herbert Nixon at the console.
3:45 to 4:45 p.m.—Services from First Church of Christ, Scientist, by remote control.
9:00 to 12:00 p.m.—"Studio Follies."

MONDAY, JUNE 13
12:00 to 12:30 p.m.—Moore's Apparel Shop, sponsoring musical program.
12:30 to 1:00 p.m.—American Markets, sponsoring musical program.
1:00 to 2:30 p.m.—Studio program.
7:00 to 8:00 p.m.—Bell Post, American Legion.
9:00 to 12:00 p.m.—"Kiwani's Follies."

TUESDAY, JUNE 14
12:00 to 12:30 p.m.—Eastman Furniture Co.
12:30 to 1:00 p.m.—Georgia O. George and Authorized Hair-A-Gain Shops, featuring Doris and Clarence.
11:00 to 1:30 p.m.—Kiwani's Luncheon.
1:30 to 2:30 p.m.—Women's Music Study Club, direction of Ruth Parkinson.
7:30 to 7:30 p.m.—Studio program.
7:30 to 8:00 p.m.—"Chas for Booklovers," presented by Hewitt's Book Store.
9:00 to 10:00 p.m.—Piggy Wiggly Hour, presenting Piggy Wiggly Girls' Trio.
10:00 to 12:00 p.m.—Majestic Ballroom Orchestra, by remote control.

WEDNESDAY, JUNE 15
12:00 to 12:30 p.m.—Moore's Apparel Shop.
12:30 to 1:00 p.m.—American Markets, sponsoring musical program.
1:00 to 1:30 p.m.—Rotary Club luncheon.
1:30 to 2:00 p.m.—Studio program.
2:00 to 2:30 p.m.—Pacific Coast Club Orchestra, by remote control.
4:30 to 6:00 p.m.—Piggy Wiggly Concert Orchestra.
9:00 to 10:00 p.m.—Request period by Doris and Clarence.

THURSDAY, JUNE 16
12:00 to 12:30 p.m.—Piggy Wiggly Girls' Trio.
12:30 to 1:00 p.m.—American Markets, sponsored by H. A. Gain Shops, featuring Doris and Clarence.
1:30 to 2:00 p.m.—Rich's Quality Bakery, musical program.
2:00 to 2:30 p.m.—Capitol Theatre Orchestra.
7:30 to 8:30 p.m.—"Lucky Jim" Investment Chat, by Seaboard Bond & Mortgage Co.
9:00 to 10:00 p.m.—Majestic Ballroom Orchestra, by remote control.
10:00 to 12:00 p.m.—Elks' Follies, Lodge No. 855.

SATURDAY, JUNE 18
12:00 to 12:30 p.m.—Eastman Furniture Co., musical program.
12:30 to 1:00 p.m.—Studio program.
1:30 to 2:30 p.m.—Capitol Theatre Orchestra.
7:00 to 8:00 p.m.—Piggy Wiggly Minstrels.
9:00 to 10:00 p.m.—Studio program.
10:00 to 11:00 p.m.—Capitol Theatre Orchestra, Dick Dickson at the console.
11:00 to 12:00 p.m.—Pacific Coast Club Orchestra, by remote control.
Answer
This One

URSCO SOCKET POWER
Model A-4, in Portable Case, being used with a Popular Portable Radio

DO YOU KNOW YOUR A B C's?
If so, why do you continue to buy them for your radio when an URSCO SOCKET POWER utilizes your ELECTRIC LIGHT CURRENT to eliminate battery cost and all the attendant bother of buying and replacing batteries?

NO HUM  NO DISTORTION  NO TUBES
Gives you more volume and DX. Your filament switch automatically controls all switching necessary in turning on and off of power units.

Costs practically nothing to operate and maintain. Operates any radio set up to seven tubes.
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Eliminates the Middle Man

4-Volt Type $45.00  6-Volt Type $55.00

UNITED RADIO SPECIALTIES CO.
Phone Santa Monica 23922

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Radio Doings

Santa Monica, California—375 Meters

KNRC

500 WATS
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CROFT COMPANY
Municipal Auditorium, Ocean Park, Santa Monica, Calif. Phones Santa Monica 63-101.
TOM MITCHELL, Studio Manager and Announcer
C. B. JUNEAU, Transmission Engineer.
"The Station with a Smile"

DAILY EXCEPT SUNDAY—
4:00 to 4:45 p.m.—Smiling Circle with Tom.
6:00 to 7:00 p.m.—Club Casa Del Mar.
7:00 to 8:00 p.m.—Merchants Preview Hour.
10:00 to 11:00 p.m.—Club Casa Del Mar.

DAILY EXCEPT MONDAY—
2:30 to 4:00 p.m.—Santa Monica Municipal Band.
8:00 to 9:00 p.m.—Band Concert.
2:30 p.m.—Band Concert.
3:00 to 3:15 p.m.—Bay Builders’ Exchange Booster program.

WEEK COMMENCING SUNDAY, JUNE 12, 1927

SUNDAY, JUNE 12
10:45 to 11:45 a.m.—Pilgrim Lutheran Church services, remote control.
5:15 to 6:15 p.m.—The Pirate Band.
5:15 to 7:00 p.m.—Pilgrim Lutheran Church services.
7:00 to 8:00 p.m.—Club Casa Del Mar, organ concert, remote control.
9:00 to 10:00 p.m.—Club Casa Del Mar.

MONDAY, JUNE 13
7:30 to 8:00 p.m.—Charles Hamp, representing the Iona Company.
6:00 to 8:15 p.m.—“Little Ant Man.”
8:00 to 10:00 p.m.—Main Studio program.

TUESDAY, JUNE 14
8:00 p.m.—Public Safety Talk by Judge Louis P. Russell.
9:00 to 10:00 p.m.—Main Studio program.

PHILCO SALES & SERVICE
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Avalon, California—219 Meters

KWFO

THE CATALINA ISLAND STATION
(Non-Commecial)
Power 250 Watts—Western Electric Equipment
"Katalina for Wonderful Outings"
MAJOR LAWRENCE MOTT, Owner-Operator
MISS FRANCES HEWITT, Studio & Program Dir
"The Star with a Smile"

DAILY EXCEPT MONDAY—
12:30 to 1:30—Hotel St. Catherine Orchestra.
6:30 to 8:00—St. Catherine Orchestra.

DAILY EXCEPT MONDAY, THURSDAY AND SUNDAY—
6:00 to 6:30—Studio.

FRIDAYS
5:00 to 6:00 p.m.—Miss Hewitt’s Golden Hour.
6:00 to 8:30 p.m.—Wrigley Chimes.

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

SUNDAYS
5:00 to 6:00 p.m.—Miss Hewitt’s Golden Hour.
6:00 to 8:30 p.m.—Wrigley Chimes.
6:00 to 8:15 p.m.—Lobby Concert.
Victor Rhythm used during all programs

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NO BATTERY RADIO

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Absence of hum and distortion is only one of the many reasons why the FALCK No-Battery Radio has become the choice of radio purchasers who know. Falck tone is always delightful, for every single note is transmitted to the listener in its original tone beauty.

*Phone Mu 1724 or write the Advance Electric Company, 1260 West Second Street, for name of nearest authorized Falck dealer.

$150.00 Complete
“A” and “B” POWER
For Your Radio Set

WILLARD “A” POWER UNIT

WILLARD “B” POWER UNIT

Each of these units represents the best in engineering in the Power Unit field. Workmanship and materials are of the highest quality. No hum or distortion from them. They connect with the house lighting circuit.

Ask about our Time Payment Plan. Why not buy them now?

Willard Service Stations
OF SOUTHERN CALIFORNIA
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Open Model Atwater Kent Wave Length Cut Down to 200 Meters.
We Are Also Making a Specialty of Sharpening Tuning in Any Radio Set.
Two-Tube Harkness Changed to 3-Tube, Guaranteed Perfect Tune-out on Local Stations
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Open Saturday Evenings Until 9 o’clock

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Will sell my radio store at invoice. We are authorized dealers for Atwater Kent, Radiola and Howard Radios. Foremost store in a community of 25,000 Close to Los Angeles. Four-year-old firm, long lease, ideal location on the main street. About $3000.00 will handle. On account of ill health must sell. The best bargain you ever heard of. SEE NOW!

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KPO

1000 WATTS—710 KILOCYCLES

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, 7:15 and 7:45 a. m.—Daily health drill by Hugh Barrett Dobbs.
10:30 a. m.—"Ye Towne Crier.
10:45 a. m.—Cooking Hints.
12:00 noon.—Time signals and Scripture reading.
1:00 to 2:00 p. m.—Rudy Seiger’s Fairmont Hotel Orchestra.
2:30 to 4:30 p. m.—Baseball.
4:30 to 5:30 p. m.—Hotel Concert Orchestra.
5:30 to 6:15 p. m.—Children’s Hour.
6:15 to 6:30 p. m.—"Ye Towne Crier.
6:30 to 7:00 p. m.—States Restaurant Orchestra.
7:00 to 7:30 p. m.—Rudy Seiger’s Fairmont Hotel Orchestra.
7:30 to 8:00 p. m.—Silent.
10:00 to 11:00 p. m.—Dance Program.

WEEK COMMENCING SUNDAY, JUNE 12, 1927

SUNDAY, JUNE 12
10:45 a. m.—"Ye Towne Crier,” giving the United States weather forecast and general information.
2:45 to 4:30 p. m.—Play-by-play broadcast of baseball game from Recreation Park, supported by San Francisco branch of the manufacturers of White King and Mission Bell soaps.
8:00 to 8:30 p. m.—States Restaurant Orchestra, Waldemar Lind, director.
6:30 p. m.—"Ye Towne Crier” giving general information.
6:35 to 8:35 p. m.—Palace Hotel Concert Orchestra, Cyrus Trobbe, director.
8:35 to 10:00 p. m.—Rudy Seiger’s Fairmont Hotel Concert Orchestra.

MONDAY, JUNE 13
8:00 to 9:00 p. m.—Program by National Broadcasting Company.
9:00 to 10:00 p. m.—Studio program.
10:00 to 12:00 p. m.—KPO’s variety hour, featuring KPO’s well known artists.

TUESDAY, JUNE 14
8:00 to 9:00 p. m.—Uda Waldrop hour, featuring Uda Waldrop, KPO’s official organist, at the organ of the First Unitarian Church.
9:00 to 10:00 p. m.—National Broadcasting Company program.
10:00 to 11:00 p. m.—Palace Hotel Rose Room Dance Orchestra, Gene James, director.

WEDNESDAY, JUNE 15
8:00 to 9:00 p. m.—Program by the Atwater Kent Artists under auspices of Ernest Ingold, Inc.
9:00 to 10:00 p. m.—National Broadcasting Company program.
10:00 to 11:00 p. m.—States Restaurant Orchestra, Waldemar Lind, director.

THURSDAY, JUNE 16
8:00 to 9:00 p. m.—Studio program.
9:00 to 10:00 p. m.—National Broadcasting Company.
10:00 to 11:00 p. m.—Palace Hotel Rose Room Dance Orchestra, Gene James, director.

FRIDAY, JUNE 17
8:00 to 9:00 p. m.—Studio program.
9:00 to 10:00 p. m.—National Broadcasting Company program.
10:00 to 11:00 p. m.—States Restaurant Orchestra, Waldemar Lind, director.

SATURDAY, JUNE 18
8:00 to 9:00 p. m.—National Broadcasting Company program.
9:00 to 12:00 p. m.—Goodrich Silverton Cord Dance Orchestra, under direction of Cyrus Trobbe.
12:00 p. m. to 1:00 a. m.—Palace Hotel Rose Room Dance Orchestra, Gene James, director.

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Selectivity—Distance—Quality
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$89.50 Complete
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Proven by Test

RADXGROUND insures clearer reception, better tone, selectivity and distance. The RADXGROUND has a core of GOSILCO and is supplied with a 30-foot continuous GOSILCO wire for connection direct to your set, eliminating all chance of lost efficiency due to high resistance connections in the ground wire.

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Radio Doings

Oakland, California—384 Meters

KGO

5000 WATTS—780 KILOCYCLES
PACIFIC COAST STATION, GENERAL ELECTRIC CO.
Phone Fruitvale 5980

DAILY EXCEPT SATURDAY AND SUNDAY—
11:30 to 6:00 p.m.—Stock and weather reports. Baseball scores.
6:00 to 6:55 p.m.—Bem's Little Symphony Orchestra.
6:55 to 7:30 p.m.—Weather and stock reports.

WEEK COMMENCING

SUNDAY, JUNE 12
11:00 a.m.—First Methodist Episcopal Church service, Rev. Edgar Allen Lowther, D.D., pastor.
4:00 p.m.—Vesper service, Grace Cathedral.
6:30 to 7:30 p.m.—Concert by Bem's Little Symphony Orchestra.
7:30 p.m.—Weather bureau report.
7:45 to 9:00 p.m.—First Methodist Episcopal Church service, Oakland, Rev. Edgar Allen Lowther, D.D., pastor.
9:00 to 10:00 p.m.—National Broadcasting Company program.

MONDAY, JUNE 13
11:30 a.m. to 12:00 noon—Nat Vincent half hour.
12:00 to 1:00 p.m.—Rembrandt Trio.
4:00 to 5:00 p.m.—Frank Ellis and his Hotel St. Francis Dance Orchestra.
5:30 to 6:00 p.m.—KGO Kiddies' Klub.
9:00 to 9:00 p.m.—National Broadcasting Company program.
9:00 to 9:20 p.m.—Joseph Henry Jackson, "Chats About New Books."

TUESDAY, JUNE 14
11:30 a.m. to 12:00 noon—Orrin Leon Padel, tenor; Alice Gray Padel, piano.
12:00 to 1:00 p.m.—Damonte Novelty Trio.
2:00 to 3:00 p.m.—Pacific Radio Trade Association Concert.
4:00 to 5:00 p.m.—Ed Fitzpatrick and his Hotel St. Francis Concert Orchestra.
8:00 to 9:00 p.m.—The Pilgrims, Eveready program by National Carbon Company.
9:00 to 10:00 p.m.—National Broadcasting Company program.
10:00 to 10:30 p.m.—"HM" and "JP" entertain.
10:30 to 11:00 p.m.—Surprise broadcast.

WEDNESDAY, JUNE 15
11:30 a.m. to 12:00 noon—Waterman Piano School program.
12:00 to 1:00 p.m.—Rembrandt Trio.
4:00 to 5:00 p.m.—Ed Fitzpatrick and his Hotel St. Francis Concert Orchestra.
8:00 to 9:00 p.m.—Vacation program. W. O. W. Male Trio and "fish stories."

SUNDAY, JUNE 12, 1927
9:00 to 10:00 p.m.—National Broadcasting Company program.
10:00 to 12:00 noon—John Wolohan and his Californians.

THURSDAY, JUNE 16
11:30 a.m. to 12:00 noon—Nat Vincent half hour.
12:00 to 1:00 p.m.—Damonte Novelty Trio.
4:00 to 5:00 p.m.—Ed Fitzpatrick and his Hotel St. Francis Concert Orchestra.
5:00 to 6:00 p.m.—George W. Ludlow, "Friend to Boys."
8:00 to 9:00 p.m. — Concert by Henri Welch.
9:00 to 10:00 p.m.—National Broadcasting Company program.

FRIDAY, JUNE 17
11:10 to 11:30 a.m.—Prudence Penny, Home-making talk.
11:30 to 12:00 noon—Anita Romano, steel guitar; Waterman Piano School program.
12:00 to 1:00 p.m.—Rembrandt Trio.
4:00 to 5:00 p.m.—Ed Fitzpatrick and his Hotel St. Francis Concert Orchestra.
5:30 p.m.—De-Ra-O, wise man from the Land-O-Health.
8:00 to 9:00 p.m.—San Francisco Lions Club annual banquet.
9:00 to 10:00 p.m.—National Broadcasting Company program.
10:00 to 11:00 p.m.—Frank Ellis and his Hotel St. Francis Dance Orchestra.

SATURDAY, JUNE 18
11:30 a.m. to 12:00 noon—Nat Vincent half hour.
12:00 to 1:00 p.m.—Damonte Novelty Trio.
4:00 to 5:00 p.m.—Ed Fitzpatrick and his Hotel St. Francis Concert Orchestra.
8:00 to 9:00 p.m.—National Broadcasting Company program.
9:00 to 10:00 p.m.—Mme. Berthearet, concert violinist, and Annabelle Jones Rose, contralto.
10:00 p.m. to 1:00 a.m.—Wilt Gunzendorfer's Hotel Whitecomb Band, San Francisco. Intermission solos by Rose Lind and Rod Smith.

Program Published as Submitted by the Station.

See Page 56 for detailed program of National Broadcasting Company.

SCHRADER-ROSS
EXPERT RADIO SERVICE
3206 W. Washington, Los Angeles, Cal.
Day or Night Phone E.Mpire 2966
June 11
Radio Doings 81

Oakland, California—508.2 Meters

KLX

500 WATTS—590 KILOCYCLES
OAKLAND TRIBUNE RADIOPHONE
Phone Lakeside 6915

“Oakland, Where Rail and Water Meet”

DAILY EXCEPT SUNDAY—
2:40 p.m.—Baseball.
5:30 to 6:30 p.m.—Brother Bob Club; Boy Scout program.
7:00 to 7:30 p.m.—Amusement information and news.

WEEK COMMENCING SUNDAY, JUNE 12, 1927

MONDAY, JUNE 13
10:30 a.m.—Martha Lee, George Keneipp; Dr. Frank McCoy’s Health Hints.
5:30 to 6:30 p.m.—Brother Bob’s Club; Boy Scout program.
7:00 to 7:30 p.m.—Amusement information, news broadcast.
8:00 to 9:00 p.m.—Special program by the Order of Amaranths.
9:00 to 10:00 p.m.—Weekly meeting of Lake Merritt Ducks.

TUESDAY, JUNE 14
10:30 a.m.—Martha Lee.

WEDNESDAY, JUNE 15
9:30 to 10:30 p.m.—Athens Athletic Club Orchestra.

THURSDAY, JUNE 16
6:30 to 7:00 p.m.—Special program.
8:00 to 9:00 p.m.—Educational program.

FRIDAY, JUNE 17
10:30 a.m.—Martha Lee, Dr. Frank McCoy.
8:00 to 9:00 p.m.—Program.
8:00 to 9:00 p.m.—Community night by Stockton, California.

GOLD OVER SILVER ON COPPER

Preston Prefers
GOSILCO

“Played JAPAN at home three times this week,” he writes. “GOSILCO and my PERMANENT GROUND make a wonderful combination.”

PRESTON KNOWS HIS ANTENNAE

He is one of the best DXers in the country, and has tried every aerial and every kind of wire available. He settled on GOSILCO.

WHY?

Because the principle of that Super Aerial Wire is founded on a well-established theory—and because that theory has been harnessed to practical use. The heavy silver plate greatly reduces the resistance of the antenna—ask any technical man—and the thin plating of 24K gold protects the silver forever. It will make a difference in your results; give you 35% more volume, improved tone quality and 25% sharper tuning. Ask your dealer for it.

50 feet, $2.50; 75 feet, $3.25; 100 feet, $4.00

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320 Marbrisa Avenue

Huntington Park, Calif.

GOLD OVER SILVER ON COPPER
PORTLAND, OREGON  491.5 METERS

KGW

DAILY EXCEPT SUNDAY—

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

SUNDAY, JUNE 12
10:55 a.m. to 12:30 p.m.—Morning services from the First Presbyterian Church.
7:30 to 9:00 p.m.—Evening services from the Hinson Memorial Baptist Church.
9:00 to 10:00 p.m.—N. B. C. program.
10:00 to 11:00 p.m.—Public Service Little Symphony Orchestra.

MONDAY, JUNE 13
7:00 to 7:30 p.m.—Concert Trio.
7:45 to 8:00 p.m.—Musical program.
8:00 to 9:00 p.m.—N. B. C. program from San Francisco.
9:00 to 10:00 p.m.—Venetian Hour.
10:00 to 12:00 midnight—Dance music by Cole McElroy’s Spanish Ballroom Dance Band.

TUESDAY, JUNE 14
2:00 to 3:00 p.m.—Women’s matinee.
7:00 to 7:30 p.m.—Concert Trio, presented by National Mortgage & Bond Co.
7:30 to 9:00 p.m.—Educational program.
9:00 to 10:00 p.m.—N. B. C. program.

THURSDAY, JUNE 16
7:45 to 8:00 p.m.—Lecture, given under the auspices of the Catholic Truth Society of Oregon.
8:00 to 9:00 p.m.—Vaudeville entertainment.
9:00 to 10:00 p.m.—N. B. C. program from San Francisco.
10:00 to 12:00 midnight—Cole McElroy’s Spanish Ballroom Dance Band.

FRIDAY, JUNE 17
2:00 to 3:00 p.m.—Women’s matinee.
7:00 to 7:30 p.m.—Concert Trio with soloist.
7:30 to 8:00 p.m.—Neighborhood Drug Store Four.
8:00 to 9:00 p.m.—Concert.
9:00 to 10:00 p.m.—National Broadcasting Co. program from San Francisco, “An Hour in Memory Lane.”
10:00 to 10:30 p.m.—Edwards Golden Jubilee Entertainers with soloist.
10:30 to 12:00 midnight—Weekly frolic of the Keep Growing Wiser Order of Hoot Owls.

SATURDAY, JUNE 18
7:00 to 8:00 p.m.—Concert.
8:00 to 9:00 p.m.—National Broadcasting Company program from San Francisco, “Saturday Night Review.”
10:00 to 12:00 midnight—Dance music, featuring Herman Kenin and his orchestra.

Let Us Build the SC II for You

You will be assured of maximum results and efficiency.
You are invited to call and hear this set perform.

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Open Until 9 P. M. Tuesday, Thursday and Saturday.
OUR BEAUTIFUL 600 SERIES RADIO CONSOLE CABINETS

A console fine enough for any home. Constructed of first class materials throughout and with the usual A-1 Woodworking Co. quality workmanship and finish.

Furnished in either Mahogany or Walnut Finish

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<th>Model</th>
<th>Size</th>
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<td>601</td>
<td>7x12 to 7x18</td>
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All Prices F.O.B. Los Angeles
State Size of Panel When Ordering

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LOS ANGELES, CALIF.

HENRY - LYFORD KITS
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RADIO MANUFACTURERS SUPPLY CO.
1000 South Broadway—Corner 10th and Broadway
LOS ANGELES
New Model

Anten-A-'Liminator

The Browning Products Corporation of Ogden, Utah, announce through their sales representative, Scott Sales Company, a new and improved model of their Anten-A-'Liminator. This little device met with widespread popularity, but due to the fact that the first model was of fixed electrical values it was found that the results obtained with it varied with the sets with which it was used and also with the length of the ground lead.

To overcome this difficulty the Browning technical staff have worked out a method of tuning the Anten-A-'Liminator which makes it adaptable to any set, length of ground lead or other varying conditions.

By thus adjusting the inductance and capacity values of the ground system connected to the antenna post of the set, efficient operation is obtained for any group of wave-lengths. In most cases this little device is the practical equivalent of an outdoor antenna as far as reception is concerned, without the static and other extraneous noises accumulated by the antenna.

On the tests in Los Angeles in the downtown district, excellent reception was had from KPO, KGO, KSL and KOMO, using only a connection from antenna post of set through the new Anten-A-'Liminator to a steam radiator.

"Mammy Lou," who has been giving monologues over KHJ for many months, told Radioland about her eleven children so many times that folks became skeptical. So she brought them all down to the studio a week or so ago where they entertained, and had their pictures taken. But, actual count discloses thirteen youngsters in the picture, and no one seems to be able to account for the extra two.
Mica Condensers
(Continued from Page 31)

sible change of capacity value and dielectric strength. Hence the condenser is treated to the impregnating process, which makes it permanent for all time. The condenser is suitably mounted for the exposed type or the bakelite case type or aluminum case type.

Each micadon is tested for dielectric strength and for capacity value. The latter is held to within plus or minus 10 per cent of the rated capacity. The breakdown voltage on micadons runs as high as 4000 to 5000, which, in terms of typical application, means that the condenser is operated so far below its voltage rating that it has a perpetual life.

Each micadon is stamped with its proper capacity value, as well as the name of Dubilier, which it has earned the right to wear.

In the Dubilier plant, micadons are made by the hundreds of thousands. Yet each condenser receives the same care as though it were a laboratory product. Ingenious production methods have served to make this gigantic production possible, while the gigantic production, in turn, has made the low price of micadons possible.

Legion at KFWO

An American Legion program will be broadcast over KFWO, Catalina Island, on the evening of June 11th. This will be during the annual pilgrimage of the Legion to Catalina. There will be a fife and drum corps on the air, and many prominent speakers, including Lt.-Gov. Buron Fitts. The one and only "Happy" Wintz, of El Segundo Post, will be in charge of KFWO after 8 p.m. on the night of this special broadcast. Major Mott's famous hospitality will make the evening doubly enjoyable, both in the flower bedecked studio and over the air.

What! No Hum?


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STUDIO NEWS
(Continued from Page 33)
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possible change of capacity value and dielectric strength. Hence the condenser is treated to the impregnating process, which makes it permanent for all time. The condenser is suitably mounted for the exposed type or the bakelite case type or aluminum case type.

Each micadon is tested for dielectric strength and for capacity value. The latter is held to within plus or minus 10 per cent of the rated capacity. The breakdown voltage on micadons runs as high as 4000 to 5000, which, in terms of typical application, means that the condenser is operated so far below its voltage rating that it has a perpetual life.

Each micadon is stamped with its proper capacity value, as well as the name of Dubilier, which it has earned the right to wear.

In the Dubilier plant, micadons are made by the hundreds of thousands. Yet each condenser receives the same care as though it were a laboratory product. Ingenious production methods have served to make this gigantic production possible, while the gigantic production, in turn, has made the low price of micadons possible.

Legion at KFWO

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Portable Power Unit

Now comes the portable radio socket power unit. The United Radio Specialties Company are marketing a very compact A-B power supply in an attractive case, covered with “Artcraft,” and designed to match the popular portable receivers now on the market.

The inside dimensions of the cabinet are 8x10x14½ inches. It is divided into three sections; the first contains the storage A battery of 36 ampere-hour capacity; the second houses the trickle charger, which has an output of ½ ampere, and is of the Westinghouse type; the third holds the B power unit. The B power unit employs chemical rectification and electrolytic condensers, and has a maximum output of about 60 milliamperes.

Radio News Laboratories

O. K.'s Preston Ground

Ungar & Watson, Inc., 1366 South Figueroa St., Los Angeles, who manufacture the Preston Permanent Ground under contract with the inventor, have just received a telegram from the test laboratories operated in conjunction with Radio News, the biggest radio magazine in the field, which endorses the Preston invention as a noteworthy development in radio ground construction.

“This endorsement,” said W. J. Wilson, manager for Ungar & Watson, Inc., “while no surprise to us, will undoubtedly do much to increase the rapidly growing popularity that has already been accorded the Preston product. It is now being sold throughout the United States, and we look for a heavy volume of sales during the coming season.”

SPECIAL!
THIS BEAUTIFUL CONSOLE

Model 50
Price $12.50
(F.O.B.)
(Lacquer Finish)
Accommodates Pansi
7x12-30 in.

Mail Orders Given Prompt Attention
JOHNSON'S CABINET WORKS
3635 Avalon Blvd. AX. 8662, Los Angeles
(Open Evenings Till 8:15)

BUY YOUR PHILCO DIRECT
PHILCO SALES & SERVICE
Phone WEstmore 9065
President W. D. Scott, intimately known to his large circle of friends as "Scotty," ably directed the most interesting meeting last Friday at the Elite, held by this live wire organization, for some time.

By way of explanation, R. M. A. A. means Radio Manufacturers' Agents Association, and consists of Western Radio Manufacturers and Manufacturers' Representatives. Organized four years ago by a small group of radio manufacturers' agents, it has slowly but surely grown in significance until the evils in radio existing at its inception have been swept away.

Mr. Carl A. Stone, as the first president, guided the R. M. A. A. successfully out of its uncertain early stages. Dave Marshank then succeeded to the presidency, pushing the organization into a position of prominence and influence for the welfare of radio and radio merchandising.

Getting back to Friday, however, President Scott (Scotty) in his eloquently engaging style explained the plans for the special 'Radio' train from Los Angeles to the Radio Manufacturers' Association convention and exposition in Chicago next week.

He exhibited a large sombrero, model of the many to be worn by the Los Angeles delegation on the train and at the show. Incidentally, he revealed that the Union Pacific has gone to great length in making the boys absolutely comfortable en route.

Scotty kept the meeting going at a rapid and interesting pace. A rather high pitch of enthusiasm and anticipation was attained over the part the Pacific Coast would play at the great Chicago radio gathering.

The worthy and versatile president then agreeably surprised the members by having presented some excellent entertainment. Hal Davis of Radio Doings displayed promising talent in "talking" a song to his own accompaniment.

Jack Miller, also of Radio Doings, gained lasting renown in the radio world by his masterly renditions on the piano. He then accompanied Mr. A. H. Robertson, another member of the Radio Doings staff, in some cornet solos, which, believe it or not, were cleverly executed without a cornet.

Then came the introduction of new members, and the following were warmly welcomed into the association: Mr. Bender, representing the Gold Seal Tube Company; Mr. Flynn, California Manager of the Magnavox Company; Mr. Herbert J. Mayo, District Manager of the A. S. Lindstrom Company; Mr. John Haddaway of the Haddaway Manufactura (Continued on Page 91)
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| Carl A. Stone Co.                  |
| **Direct Factory Representatives**|
| **Covering Pacific Coast**         |
| 305 Allied Crafts Bldg.            |
| 407 E. Pico St.                   |
| LOS ANGELES                        |

| B. R. Hassler Co                   |
| 305 Allied Crafts Bldg.            |
| LOS ANGELES                        |
| WESTmore 9466                      |

| Lombard J. Smith                   |
| Manufacturers' Representative      |
| 324 N. San Pedro Street            |
| TUCKer 8917                        |
| LOS ANGELES                        |

| A. S. Lindstrom Co.                |
| 274 Brannan St., San Francisco     |
| **Branches**                       |
| LOS ANGELES                        |
| PORTLAND                           |
| SALT LAKE CITY                     |
| SEATTLE                            |

| J. J. Perlmuth                     |
| Representing Manufacturers          |
| 443 S. San Pedro Street            |
| TUCKer 8016                        |
| LOS ANGELES                        |

| Scott Sales Co.                    |
| **Factory Sales Promotion**        |
| 214 Calo Bldg., 443 S. San Pedro St.|
| LOS ANGELES                        |

| Don C. Wallace                     |
| 109 West Third Street              |
| LONG BEACH, CALIF.                 |
| Representing                       |
| DAY-FAN ELECTRIC COMPANY           |
| ARTHUR H. LYNCH, INC.              |
| THE NATIONAL COMPANY, INC.         |
| BROWNING-DRAKE CORPORATION          |

Los Angeles  San Francisco  Portland

Los Angeles  San Francisco  Portland

Los Angeles  San Francisco  Portland

Los Angeles  San Francisco  Portland

Los Angeles  San Francisco  Portland

Los Angeles  San Francisco  Portland

Los Angeles  San Francisco  Portland

Los Angeles  San Francisco  Portland
"WHO'S WHO"  
In RADIO  
—and the reasons why  
C. W. Smith

C. W. Smith Company, "The Home of Utah Speakers." When you think "Utah," you think C. W. Smith. This has not been accomplished without work and effort, and lots of it, but C. W. is afraid of neither.

Cloyd W. Smith came to Los Angeles in 1920 to promote the sale of the Tungston Spark Plug for the Marshall Oil Company, having previously been in their employ for sixteen years selling their products in the middle west. He liked Los Angeles so well and had been so successful in putting over his line, that he decided to make this his home, opening an office and stock room at 220 Winston street. In 1923, on account of the growth of his business, he moved into larger quarters at 1020 Crocker street, where he added a complete stock of automotive accessories. In 1924 Smith made his bow to the radio trade by adding Ray-O-Vac Batteries and Distantone Receivers to his automotive lines. Shortly after this he was appointed California representative for the Utah lines. Within a very short time, on account of the large volume of business that he developed in radio, Smith decided to center all his efforts on radio, and no longer carried automotive lines. Again a move into larger quarters became necessary, and this time we find C. W. moving to "Radio Row," and opening what is now one of the finest show rooms in the trade at 1125 Wall street. C. W. Smith Company now is ranked with the largest radio jobbers on the Pacific coast, and is distributing the following well known lines: Utah loud speakers and units; United Radio Cabinets; McMillan and Walbert Isofarad Receivers; Walbert Penetrolas; Eagle Chargers, and A and B Eliminators. The success of the C. W. Smith Company in the radio business has again demonstrated that good business meth-
ods and hard plugging accomplish all things. C. W. is kind enough to tell us that he owes much of his success to Radio Doings, and that his advertise-
ments in the "little red book" put him on the map. We can truthfully say that he has used no other medium, and appreciate "them kind words."

Carl A. Stone

Many have come and gone in the radio business during its comparatively short life. Look over the list today and see how many of those who started in the game but a few short years ago now survive.

Carl A. Stone has not only stayed in the game since the start, but has forged ahead each year.

Always interested in the advancement of radio, Carl has taken an active part in the Radio Trades Association, having acted as director, and was one of its organizers in Southern California. Many of the wise policies of the association originated with Stone. He has served as president of the Manufacturers' Agents branch of the association, and has been on the show committee each year.

Carl A. Stone Company represent some of the leading manufacturers in the radio industry and have done so since their entry into this field.

At the present writing Mr. Stone is making a trip east, primarily for the purpose of attending the sales conven-
tion of the All-American Radio Corporation at Chicago, and also to attend the RMA convention in the same city June 13 to 17.

R. M. A. A.

(Continued from Page 88)

and constructive policies have built the organization from a mere handful to over sixty-five members. As a manufacturers' representative, "Scotty" is a whiz, but as a president—well, he was good enough to break all precedents recently by being elected to the chair for a second term.
Timely Trade Topics

Bertie Smith has just returned from an extended visit to the Kodel factory in Cincinnati and is most enthusiastic about the products being turned out. He tells us that orders are coming in so fast that the factory is working three shifts and employing over 400 persons. The Kodel Company announces the following new items: A replacement unit for all electrolytic trickle chargers and A Power Units; a replacement unit for Rectifier and Tungar bulbs; a trickle boost charger, giving 8/10 to 1 amp charging rate; a trickle boost charger, giving 8/10 to 1 amp charging rate, together with 2½ to 3 amps. A trickle B recharger, for recharging dry B batteries; six new B Transfiers: three models of A Power Units; three combination A and B Units and two combination A, B and C Units.

A. J. Tobey of the A. J. Tobey Company, Los Angeles, accompanied by his wife and son, left on the 4th by automobile for the R.M.A. convention in Chicago. Mr. Tobey is combining business with pleasure on his trip East, as he intends spending some time with relatives in Iowa and Kansas before returning to Los Angeles.

"Frost Radio" will show many new items at the R.M.A. Show in Chicago. Herbert H. Frost, Inc., are specializing in variable resistance units at present. This type of unit has come into great prominence with the advent of the radio power units and N. C. Schellenger, chief of technical staff of the Frost Company, is cooperating with manufacturers in designing special units to meet their individual requirements.

W. D. (Scotty) Scott is Western Sales Manager for the Frost concern, with headquarters in Los Angeles, and branches at San Francisco, Portland, Seattle, Spokane, Salt Lake City and Denver.

Frank A. Emmet of the Scott organization spent last week in San Francisco, opening the new office at 440 Sansome street, phone Sutter 2876. W. D. Brill is manager of the San Francisco office of the Scott Sales Company. He was formerly with the Gilson Electric Company of Oakland.


George A. Shipley, general sales manager of the French Battery Company of Madison, Wisconsin, will arrive in Los Angeles about June 22nd to spend some little time in the Western territory "looking things over."

Set manufacturers and dealers will be interested in the announcement that the Powell Manufacturing Company, 4009 S. Western avenue, Los Angeles, have recently developed a "B" Battery Eliminator Kit which can be adapted to any type of receiver now on the market using "A" or 199 tubes. Their engineers are also in position to design a "B" Eliminator adaptable to any set or type of circuit. In addition, they are meeting with much success in their manufacturer of a combination "A and B" Eliminator kit for any set using crystal detector. Mr. Powell and his engineers will gladly cooperate with set manufacturers in designing an eliminator kit to especially accommodate any type of set or circuit being constructed or in contemplation.
**Timely Trade Topics**

The A. J. Tobey Company, Southern California distributors for a number of popular radio lines, including the Philco power units, CeCo tubes, Golden Bear and Holmes Speakers and the Holmes and Arbophone receiving sets, held their annual employees' picnic on May 22nd, at picturesque Soledad Canyon. There were over a hundred in attendance, and the day was spent in various sports. The high light of the day was the baseball game between the Service and Sales Departments, the latter winning by a score of 29 to 7. "Babe Ruth" Hensel carried off the batting honors with several home runs.

This annual outing for the employees of the A. J. Tobey Company and their families is just one of the many entertaining features this company provides from time to time for their efficient and live organization.

The Webster Company of Chicago have announced a new A power unit which will supply the A current for sets using up to 7 tubes without necessitating any changes in the wiring of the receiver. In other words, it will not be necessary to wire the filaments in series, as is the case with many A power units. The Webster A is an absolutely bone-dry unit. This new A unit, combined with the Little Giant BC unit, which has proved so successful, makes the most compact ABC supply on the market, the new complete unit being of the same dimensions of the Little Giant BC.

The Webster products are represented by the Scott Sales Company of Los Angeles. Mr. Scott is also enthusiastic about the Tab Dry Rechargeable A and B batteries, manufactured by the Dry Storage Battery Corp., of Philadelphia. These batteries are made in the standard sizes and may be recharged up to nine times.

The Globe Art Manufacturing Company of 69-77 Winthrop street, Newark, New Jersey manufacturers of Globe Condensers and Farapak, announce the appointment of Carl A. Stone Company of Los Angeles as their factory representative for the states of California, Oregon and Washington. They invite manufacturers requiring condenser blocks for B eliminators and AC operated sets to communicate with the Carl A. Stone Company for prices and samples.

Asbestos suits are used by workmen in Kuproxx electric furnace foundry of the Kodel Radio Corporation, Cincinnati, Ohio, where the new metallic rectifying units, discovered by scientists of the University of Cincinnati, are being manufactured. Kuproxx will replace all electrolytic, bulb or vibrating type rectifiers for charging batteries or in power units. The intense heat makes it necessary for workmen to take these additional precautions.

**DAVEN REDUCE PRICE OF MU 20 TUBES.** Effective June 1, 1927, the price of Daven Mu 20 tubes is reduced to $2.25 each. Carl A. Stone Company, Pacific Coast representatives for Daven report an increased demand for Daven tubes as a result of the lowering of the list.
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