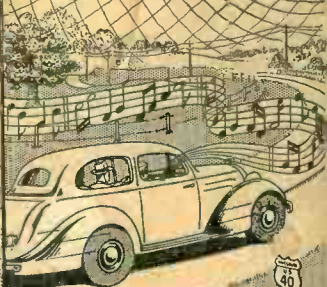
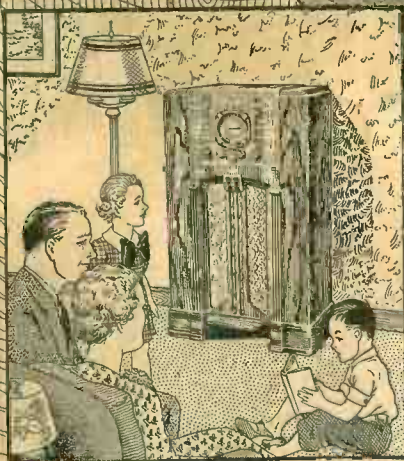


# 1936 Radio Log

The whole world  
of radio is  
yours with a  
**TRUETONE**



## Table of Contents

Aerials .....	23	Foreign Short-Wave .....	29
Auto Radios .....	16-17	Kilocycles Listing .....	4 to 20
Batteries, "A" and "B" .....	25	Mexican Stations .....	28
Battery Radio Sets .....	19	Mantel Radios .....	11-13
Bulbs .....	23	Short-Wave Stations .....	29-31
Canadian Stations .....	27	Truetone Radios .....	2-19
Call Letters Listing .....	21 to 28	Tubes, Radio .....	3-30
Cuban Stations .....	28	Testing Tubes .....	Back Cover

C

**Western Auto Stores**  
A National Institution, More Than 175 Stores

# 4 Profits --or 1?



One of the largest and most scientifically exacting radio factories in the world

It costs as much to build a Truetone as other nationally-known radios, but it costs less to get it from the factory to you.

We deal direct with the factory. With our enormous buying-power for 175 stores we get the lowest possible factory price. We eliminate salesmen, distributors and jobbers. We cut handling, accounting and advertising expenses to the minimum. Because of our enormous volume we operate on a much smaller margin.

*We save all down the line and pass these savings on to you in the form of higher quality at lower prices.*

See a Truetone before you buy... compare quality, performance, construction and quality with any radio and then compare the price.

**Three Days' Trial In Your Home!**

Buy at **Western Auto Stores** and **SAVE 3 Profits**



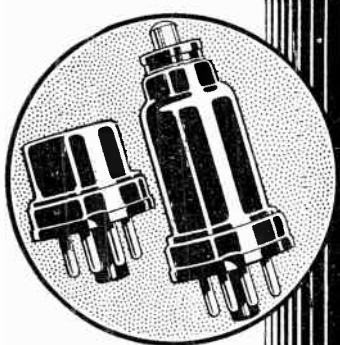
**TRUETONE'S Save You \$20 to \$50**

**Every TRUETONE is fully guaranteed**

# New Magic Metal Tubes for TRUETONES

Again "Truetones" lead the way by incorporating metal tubes . . . the most recent radio development.

- *They silence annoying crackle caused by shielding cans used with glass tubes.*
- *They subdue microphonic twang.*
- *They are precision constructed and extremely rugged, giving long life and brilliant performance never before attained.*



## TRUETONE Radios Are R. C. A. Licensed



Our engineers and factory are in constant collaboration with the Laboratories of the Radio Corporation of America. Every worthwhile development is quickly incorporated in Truetone Radios as soon as it has proven its value.

Every Truetone is precision-built with rigid tests at every stage of assembly.

## More Than a Hundred Thousand TRUETONES Now In Use

The tremendous popular acceptance and national prestige that Truetones enjoy has been built by actual performance. *More than 100,000 are now in daily use everywhere from New England to Texas.*

Quality comes first in Truetones . . . and every Truetone is fully guaranteed.

C

Page Three

# Broadcast Stations Indexed by Kilocycles

‡ Stations Associated With National Broadcasting Company

\* Stations Associated With Columbia Broadcasting System

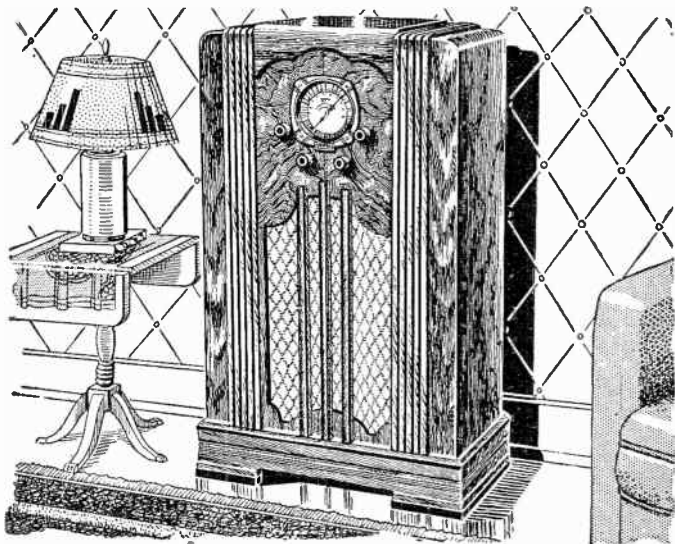
Call Letters	Location
<b>540 KILOCYCLES</b>	
CJRM	Moose Jaw, Sask.
<b>550 KILOCYCLES</b>	
CFNB	Fredericton, N. B.
KFUO	St. Louis, Mo.
‡KFYR	Bismarck, N. D.
KOAC	Corvallis, Ore.
‡KSD	St. Louis, Mo.
*KTSA	San Antonio, Texas
WDEV	Waterbury, Vt.
*WGR	Buffalo, N. Y.
*WKRC	Cincinnati, Ohio
WSVA	Staunton, Va.
<b>560 KILOCYCLES</b>	
KFDM	Beaumont, Texas
*KLZ	Denver, Colo.
KTAB	San Francisco, Cal.
KWTO	Springfield, Mo.
TGW	Guatemala City
‡WFIL	Philadelphia, Pa.
WIND	Gary, Ind.
*WNOX	Knoxville, Tenn.
*WQAM	Miami, Fla.
XEAO	Mexicali, B. C.
<b>570 KILOCYCLES</b>	
*KGKO	Wichita Falls, Texas
KMTR	Hollywood, Cal.
KVI	Tacoma, Wash.
*WBNB	Youngstown, Ohio
WMCA	New York, N. Y.
*WNAX	Yankton, S. D.
WOSU	Columbus, Ohio
‡WSYR	Syracuse, N. Y.
‡WWNC	Asheville, N. C.
<b>580 KILOCYCLES</b>	
CHRC	Quebec, Que.
CKCL	Toronto, Ont.
CKUA	Edmonton, Alta.
*KMJ	Fresno, Cal.
KSAC	Manhattan, Kans.
WCHS	Charleston, W. Va.
*WDBO	Orlando, Fla.
*WIBW	Topeka, Kans.
‡WTAG	Worcester, Mass.
<b>590 KILOCYCLES</b>	
‡KHQ	Spokane, Wash.
‡WEEI	Boston, Mass.
WKZO	Kalamazoo, Mich.
‡WOW	Omaha, Neb.
XEPN	Piedras Negras, Coah.
<b>600 KILOCYCLES</b>	
CFCF	Montreal, Que.
CJOR	Vancouver, B. C.
CMW	Havana, Cuba
CRCW	Windsor, Ont.
FQN	St. Pierre, Miquelon
‡KFSD	San Diego, Cal.
WCAC	Storrs, Conn.
*WCAO	Baltimore, Md.
*WICC	Bridgeport, Conn.
‡WMT	Cedar Rapids, Iowa
*WREC	Memphis, Tenn.

Call Letters	Location
<b>610 KILOCYCLES</b>	
*KFRC	San Francisco, Cal.
KINY	Juneau, Alaska
‡WDAF	Kansas City, Mo.
WIP	Philadelphia, Pa.
WJAY	Cleveland, Ohio
XFX	Mexico City, D. F.
<b>620 KILOCYCLES</b>	
‡KGW	Portland, Ore.
‡KTAR	Phoenix, Ariz.
‡WFLA	Clearwater, Fla.
WHJB	Greensburg, Pa.
*WLBZ	Bangor, Maine
‡WSUN	St. Petersburg, Fla.
‡WTMJ	Milwaukee, Wis.
<b>630 KILOCYCLES</b>	
CFCY	Charlestown, P. E. I.
CJGX	Yorkton, Sask.
KCOV	Kelowna, B. C.
KFRU	Columbia, Mo.
KGFX	Pierre, S. D.
WGBF	Evansville, Ind.
‡WML	Washington, D. C.
WOS	Jefferson City, Mo.
WPRO	Providence, R. I.
XEZ	Merida, Yuc.
<b>640 KILOCYCLES</b>	
CMBY	Havana, Cuba
‡KFI	Los Angeles, Cal.
WAIU	Columbus, Ohio
WOI	Ames, Iowa
XEOX	Saltillo, Coah.
<b>650 KILOCYCLES</b>	
‡WSM	Nashville, Tenn.
<b>660 KILOCYCLES</b>	
CMCX	Havana, Cuba
WAAW	Omaha, Neb.
‡WEAF	New York, N. Y.
<b>670 KILOCYCLES</b>	
‡WMAQ	Chicago, Ill.
<b>680 KILOCYCLES</b>	
CMCQ	Havana, Cuba
KFEQ	St. Joseph, Mo.
‡KPO	San Francisco, Cal.
VAS	Glance Bay, N. S.
VOWR	St. John's, Nfld.
‡WPTF	Raleigh, N. C.
<b>690 KILOCYCLES</b>	
*CFRB	Toronto, Ont.
CJCB	Calgary, Alta.
NAA	Arlington, Va.
XET	Monterrey, N. L.
<b>700 KILOCYCLES</b>	
RDN	San Salvador, E. S.
‡WLW	Cincinnati, Ohio

Continued on page 6



# TRUETONE 7-Tube World-Wide Short-Wave



Remarkable for its rich, clear tone and the beauty of its cabinet. Has unusual selectivity which enables you to completely separate the program you want from all others, resulting in extraordinarily clear reception. Brings in distant and weak programs. Speaker power enough for any practical purpose. **3-Day Trial In Your Home!**

*Short-wave field of 16.4 to 52.2 meters includes practically all important foreign stations and American day-time stations. Long-wave band of 535 to 1730 Kilocycles, covers not only all regular broadcasts, but also metropolitan police calls.*

**Specifications**—Super-power tubes; seven in all, fully guaranteed. Advanced, R.C.A. Licensed Superheterodyne circuit. Large-size dynamic speaker; with 3 watts undistorted output. Low current consumption; less than a 75-watt bulb.

**Features**—Automatic volume control; airplane dial with 16 to 1 tuning ratio; full floating chassis; full range tone control.

**Cabinet**—Selected—grain American Walnut veneer, hand rubbed to a piano lustre. Strong, sturdy construction. Full console size.

**Price, Complete, Delivered to Your Home...\$38.95**  
**Easy Payments Can Be Arranged.**

# Broadcast Stations Indexed by Kilocycles

‡ Stations Associated With National Broadcasting Company

\* Stations Associated With Columbia Broadcasting System

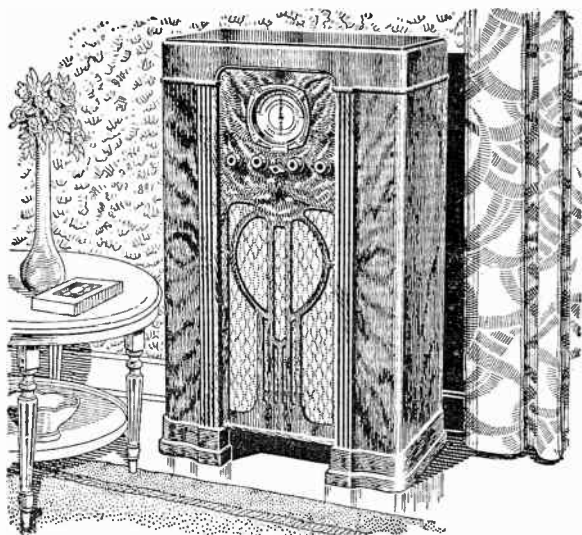
Call Letters	Location
<b>710 KILOCYCLES</b>	
KMPC	Beverly Hills, Cal.
KPCB	Seattle, Wash.
WOR	Newark, N. J.
XEN	Mexico City, D. F.
<b>720 KILOCYCLES</b>	
WGN	Chicago, Ill.
<b>730 KILOCYCLES</b>	
CFPL	London, Ont.
CJCA	Edmonton, Alta.
*CKAC	Montreal, Que.
CMAF	Havana, Cuba
XEBC	Agua Caliente, L. C.
<b>740 KILOCYCLES</b>	
KMMJ	Clay Center, Neb.
KTRB	Modesto, Cal.
WHEB	Portsmouth, N. H.
‡WSB	Atlanta, Ga.
XELC	Mexico City, D. F.
<b>750 KILOCYCLES</b>	
CMCW	Havana, Cuba
‡KGU	Honolulu, T. H.
‡WJR	Detroit, Mich.
<b>760 KILOCYCLES</b>	
CMJK	Camaquey, Cuba
KXA	Seattle, Wash.
‡WBAL	Baltimore, Md.
WEW	St. Louis, Mo.
‡WJZ	New York, N. Y.
XEOK	Tijuana, L. C.
<b>770 KILOCYCLES</b>	
CMBS	Havana, Cuba
*KFAB	Lincoln, Neb.
*WBBM	Chicago, Ill.
<b>780 KILOCYCLES</b>	
CHWK	Chiliwack, B. C.
CKSO	Sudbury, Ont.
KELW	Burbank, Cal.
KFDY	Brookings, S. D.
KFQD	Anchorage, Alaska
‡KGHL	Billings, Mont.
KTM	Los Angeles, Cal.
*WEAN	Providence, R. I.
‡WMC	Memphis, Tenn.
‡WTAR	Norfolk, Va.
XEYZ	Mexico City, D. F.
<b>790 KILOCYCLES</b>	
CMOA	Havana, Cuba
‡KGO	San Francisco, Cal.
‡WGY	Schenectady, N. Y.
<b>800 KILOCYCLES</b>	
‡WBAP	Fort Worth, Texas
‡WFAA	Dallas, Texas
WTBO	Cumberland, Md.
<b>810 KILOCYCLES</b>	
CMCF	Havana, Cuba
CMHW	Cienfuegos, Cuba
*WCCO	Minneapolis, Minn.
‡WNYC	New York, N. Y.
XFC	Aguascalientes, Ags.

Call Letters	Location
<b>820 KILOCYCLES</b>	
*WHAS	Louisville, Ky.
XETW	Mexico City, D. F.
<b>830 KILOCYCLES</b>	
CMC	Havana, Cuba
‡KOA	Denver, Colo.
WEEU	Reading, Pa.
WHDH	Boston, Mass.
WRUF	Gainesville, Fla.
<b>840 KILOCYCLES</b>	
CFQC	Saskatoon, Sask.
CMQ	Havana, Cuba
CRCT	Toronto, Ont.
VOGY	St. John's, Nfld.
XEP	Mexico City, D. F.
XEXX	Mexico City, D. F.
<b>850 KILOCYCLES</b>	
KIEV	Glendale, Cal.
TIEP	San Jose, C. R.
WESG	Elmira, N. Y.
WWL	New Orleans, La.
WWPA	Clarion, Pa.
<b>860 KILOCYCLES</b>	
*WABC	New York, N. Y.
WHB	Kansas City, Mo.
XEMO	Tijuana, B. C.
<b>870 KILOCYCLES</b>	
‡WENR	Chicago, Ill.
‡WLS	Chicago, Ill.
<b>880 KILOCYCLES</b>	
CFJC	Kamloops, B. C.
CRCO	Ottawa, Ont.
KFKA	Greeley, Colo.
KLX	Oakland, Cal.
KPOF	Denver, Colo.
WCOC	Meridian, Miss.
WGBI	Scranton, Pa.
WPHR	Petersburg, Va.
WQAN	Scranton, Pa.
WSUI	Iowa City, Iowa
<b>890 KILOCYCLES</b>	
CJIC	S. Ste. Marie, Ont.
KARK	Little Rock, Ark.
KFNF	Shenandoah, Iowa
KSEI	Pocatello, Idaho
KUSD	Vermillion, S. D.
WBAA	W. Lafayette, Ind.
WILL	Urbana, Ill.
*WGST	Atlanta, Ga.
‡WJAR	Providence, R. I.
WMMN	Fairmont, W. Va.
XEW	Mexico City, D. F.
<b>900 KILOCYCLES</b>	
KGBU	Ketchikan, Alaska
*KHJ	Los Angeles, Cal.
‡WBEN	Buffalo, N. Y.
WFMD	Frederick, Md.
‡WJAX	Jacksonville, Fla.
‡WKY	Oklahoma City, Okla.
WLBL	Stevens Point, Wis.
WIFI	New Haven, Conn.
WTAD	Quincy, Ill.

Continued on page 8

# TRUETONE 7-Tube

## High-Fidelity, All-Wave with Metal Tubes



The latest Truetone, incorporating all recent refinements, including these four major ones:—

**High Fidelity;** which gives purity of tone that will amaze you, bringing in undertones and overtones that are entirely lost in ordinary radio reception.

**Sensitivity control** which assures quiet reception (even from far distant stations) with complete elimination of inter-station noise and interference.

**Micrometer tuning;** which makes perfect dialing easy.

**Metal Tubes** which are quieter and longer lived.

**Receives all wave-bands of any interest or importance.**

**Specifications:**—Seven tube, R.C.A. Licensed, superheterodyne circuit. Large size electro-dynamic speaker of new advanced type with 3 watts power output, undistorted. Current consumption less than a 75 watt bulb.

**Other Features:**—Automatic volume control; new, improved super-power type tubes; full range tone control; full-floating chassis and many others.

**Cabinet:**—Select grain American Walnut veneer, with butt walnut center panel. Five-coat, hand-rubbed, lacquer finish. Overall size about 36" tall x 21" wide x 11" deep.

**Price, Complete, Delivered to Your Home . . . \$48.95**

*Easy Payments Can Be Arranged.*

# Broadcast Stations Indexed by Kilocycles

‡ Stations Associated With National Broadcasting Company

\* Stations Associated With Columbia Broadcasting System

Call Letters	Location
<b>910 KILOCYCLES</b>	
CJAT	Trail, B. C.
CRCM	Montreal, Que.
XENT	Nuevo Laredo, Tams.

<b>920 KILOCYCLES</b>	
CMX	Havana, Cuba
HHK	Port-Au-Prince, Haiti
KFEL	Denver, Colo.
‡KOMO	Seattle, Wash.
‡KPRC	Houston, Texas
KVOD	Denver, Colo.
WAAF	Chicago, Ill.
WBSO	Babson Park, Mass.
WPEN	Philadelphia, Pa.
WRAX	Philadelphia, Pa.
WSPA	Spartanburg, S. C.
‡WWJ	Detroit, Mich.
XEAA	Mexicali, B. C.
XEFE	Nuevo Laredo, Tams.

<b>930 KILOCYCLES</b>	
CFAC	Calgary, Alta.
CFCH	North Bay, Ont.
CFLC	Prescott, Ont.
CHNS	Halifax, N. S.
CKPC	Brantford, Ont.
CKPR	Fort William, Ont.
KGBZ	York, Neb.
KMA	Shenandoah, Iowa
KROW	Oakland, Cal.
TIRH	San Jose, C. R.
*WBRC	Birmingham, Ala.
*WDBJ	Roanoke, Va.

<b>940 KILOCYCLES</b>	
CMBC	Havana, Cuba
CMKM	Manzanillo, Cuba
*KOIN	Portland, Ore.
VOAS	St. John's, Nfld.
WAAT	Jersey City, N. J.
‡WAVE	Louisville, Ky.
‡WCSH	Portland, Me.
‡WDAY	Fargo, N. D.
WHA	Madison, Wis.
XEFO	Mexico City, D. F.

<b>950 KILOCYCLES</b>	
CRCS	Chicoutimi, Que.
KFWB	Hollywood, Cal.
KHSL	Chico, Cal.
*KMBC	Kansas City, Mo.
VONF	St. John's, Nfld.
‡WRC	Washington, D. C.

<b>960 KILOCYCLES</b>	
CKY	Winnipeg, Man.
CMCD	Havana, Cuba
CMJL	Camaguey, Cuba
XEAM	Nuevo Laredo, Tams.
XEAW	Reynosa, Tams.

<b>970 KILOCYCLES</b>	
‡KJR	Seattle, Wash.
‡WCFL	Chicago, Ill.
WIBG	Glenside, Pa.

Call Letters	Location
<b>980 KILOCYCLES</b>	
‡KDKA	Pittsburgh, Pa.

<b>990 KILOCYCLES</b>	
‡WBZ	Boston, Mass.
‡WBZA	Springfield, Mass.
XEK	Mexico City, D. F.
XES	Tampico, Tams.

<b>1000 KILOCYCLES</b>	
CMBZ	Havana, Cuba
KFVD	Los Angeles, Cal.
TIGH	San Jose, C. R.
‡WHO	Des Moines, Iowa

<b>1010 KILOCYCLES</b>	
CHML	Hamilton, Ont.
CHWC	Regina, Sask.
CKCD	Vancouver, B. C.
CKCK	Regina, Sask.
CKCO	Ottawa, Ont.
CKIC	Wolfville, N. S.
CKWX	Vancouver, B. C.
CMJG	Camaguey, Cuba
KGGF	Coffeyville, Kans.
KQW	San Jose, Cal.
TIGA	Cartago, C. R.
WHN	New York, N. Y.
‡WIS	Columbia, S. C.
WNAD	Norman, Okla.
XEAF	Nogales, Sonora
XEU	Veracruz, Ver.

<b>1020 KILOCYCLES</b>	
‡KYW	Philadelphia, Pa.
XEJ	Juarez, Chih.

<b>1030 KILOCYCLES</b>	
CFCN	Calgary, Alta.
*CKLW	Windsor, Ont.
CMCY	Havana, Cuba
XEB	Mexico City, D. F.

<b>1040 KILOCYCLES</b>	
CMGH	Matanzas, Cuba
*KRLD	Dallas, Texas
KWJJ	Portland, Ore.
WKAR	East Lansing, Mich.
‡WTIC	Hartford, Conn.

<b>1050 KILOCYCLES</b>	
CFCO	Chatham, Ont.
CRCK	Quebec, Que.
KFBI	Abilene, Kans.
KNX	Hollywood, Cal.
TIFA	San Jose, C. R.

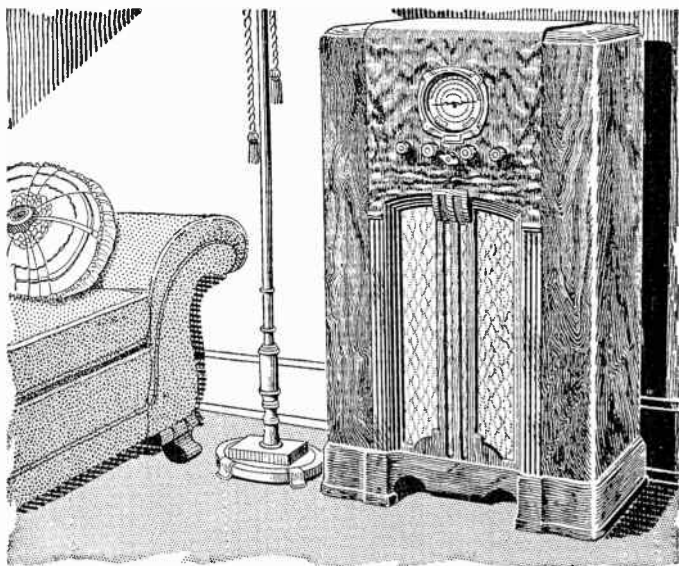
<b>1060 KILOCYCLES</b>	
CMK	Havana, Cuba
‡KTHS	Hot Springs, Ark.
VOAC	St. John's, Nfld.
‡WBAL	Baltimore, Md.
WJAG	Norfolk, Neb.
XEA	Guadalajara, Jal.

Continued on page 10



# TRUETONE 10-Tube

## High-Fidelity, All-Wave with Metal Tubes



Performance, beauty and construction that compare favorably with any radio on the market. **3 DAYS' HOME TRIAL.**

The purity of its tone will amaze you; bringing out the undertones and overtones that are entirely lost in less refined radios. Its ability to separate one broadcast from another without interference and static is extraordinary, resulting in "crystal clear" reception. Speaker power 5 watts, **undistorted**, ample for even largest homes.

Incorporates every worthwhile, up-to-the-minute refinement: *Automatic volume control; full range sensitivity control; high fidelity; micrometer airplane tuning; full range tone control; full floating chassis and new, improved metal tubes. Short-wave covers all bands of practical importance. Long-wave band covers 530 to 1750 kilocycles.*

**Specifications:**—10-tube advanced superheterodyne, R.C.A. Licensed; latest type, super-power metal tubes; improved electrodynamic speaker, (with large 10-inch curvilinear cone), which interprets high-fidelity broadcasting.

**Cabinet:**—Extra-select, laminated American Walnut, with extra high lustre center panel. Strong, heavy construction. Hand rubbed to a piano finish. About 38"x22"x11" overall.

**Price, Complete, Delivered to Your Home . . . \$58.95**  
*Easy Payments Can Be Arranged.*

# Broadcast Stations Indexed by Kilocycles

‡ Stations Associated With National Broadcasting Company

\* Stations Associated With Columbia Broadcasting System

Call Letters	Location
<b>1070 KILOCYCLES</b>	
CMHA	Sagua la Grande, C.
KJBS	San Francisco, Cal.
WCAZ	Carthage, Ill.
WDZ	Tuscola, Ill.
‡WTAM	Cleveland, Ohio

<b>1080 KILOCYCLES</b>	
*WBT	Charlotte, N. C.
WCBF	Waukegan, Ill.
WMBI	Chicago, Ill.
XEMA	Tampico, Tams.

<b>1090 KILOCYCLES</b>	
*KMOX	St. Louis, Mo.

<b>1100 KILOCYCLES</b>	
CRCV	Vancouver, B. C.
KGDM	Stockton, Cal.
*KWKH	Shreveport, La.
TIRC	San Jose, C. R.
WLWL	New York, N. Y.
*WPG	Atlantic City, N. J.
XEFG	Mexico City, D. F.

<b>1110 KILOCYCLES</b>	
CMCO	Havana, Cuba
KSOO	Sioux Falls, S. D.
‡WRVA	Richmond, Va.
XELO	Piedras Negras, Coah.

<b>1120 KILOCYCLES</b>	
CHLP	Montreal, Que.
CHSJ	St. John, N. B.
CKOC	Hamilton, Ont.
CKX	Brandon, Man.
CMGF	Matanzas, Cuba
KFIO	Spokane, Wash.
KFSG	Los Angeles, Cal.
KRKC	Los Angeles, Cal.
KRSC	Seattle, Wash.
WDEL	Wilmington, Del.
WISN	Milwaukee, Wis.
WMFH	Boston, Mass.
WTAW	College Station, Texas

<b>1130 KILOCYCLES</b>	
CMJI	Ciego de Avila, Cuba
*KSL	Salt Lake City, Utah
WJJD	Chicago, Ill.
WOV	New York, N. Y.

<b>1140 KILOCYCLES</b>	
CMBG	Havana, Cuba
‡KVOO	Tulsa, Okla.
‡WAPI	Birmingham, Ala.

<b>1150 KILOCYCLES</b>	
CMJF	Camaguey, Cuba
‡WHAM	Rochester, N. Y.
XEH	Monterrey, N. L.
XEWZ	Mexico City, D. F.

Call Letters	Location
<b>1160 KILOCYCLES</b>	
*WOWO	Fort Wayne, Ind.
*WVVA	Wheeling, W. Va.
XED	Guadalajara, Jal.
XEFL	Tijuana, B. C.

<b>1170 KILOCYCLES</b>	
CMBD	Havana, Cuba
*WCAU	Philadelphia, Pa.

<b>1180 KILOCYCLES</b>	
CMJO	Ciego de Avila, Cuba
‡KEX	Portland, Ore.
KOB	Albuquerque, N. M.
VE9EK	Montmagny, Que.
WDGY	Minneapolis, Minn.
WINS	New York, N. Y.
WMAZ	Macon, Ga.
XEFA	Mexico City, D. F.

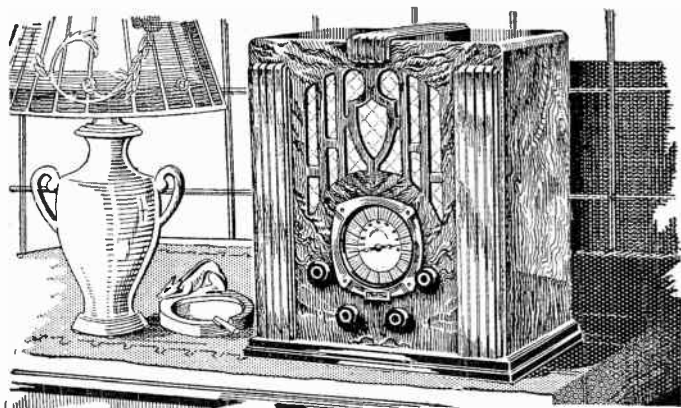
<b>1190 KILOCYCLES</b>	
HJJ	Santo Domingo, D. R.
WATR	Waterbury, Conn.
‡WOAI	San Antonio, Texas
WSAZ	Huntington, W. Va.

<b>1200 KILOCYCLES</b>	
CHAB	Moose Jaw, Sask.
CKTB	St. Catharines, Ont.
CMCJ	Havana, Cuba
KADA	Ada, Okla.
KBTM	Jonesboro, Ark.
KFJB	Marshalltown, Iowa
KFXD	Nampa, Idaho
KFNJ	Grand Junction, Colo.
KGDE	Fergus Falls, Minn.
KGEK	Sterling, Colo.
KGFJ	Los Angeles, Cal.
KGHI	Little Rock, Ark.
KMLB	Monroe, La.
KOOS	Marshfield, Ore.
KSUN	Lowell, Ariz.
KVOS	Bellingham, Wash.
*KWG	Stockton, Cal.
WABI	Bangor, Me.
WAIM	Anderson, S. C.
WBBZ	Ponca City, Okla.
WBNO	New Orleans, La.
WCAT	Rapid City, S. D.
WCAX	Burlington, Vt.
WCLO	Janesville, Wis.
WFAM	South Bend, Ind.
WFBE	Cincinnati, Ohio
WBHC	Canton, Ohio
WBIBY	Green Bay, Wis.
*WIBX	Utica, N. Y.
WIL	St. Louis, Mo.
WJBC	Bloomington, Ill.
WJBL	Decatur, Ill.
WJBW	New Orleans, La.
WKBO	Harrisburg, Pa.
WKJC	Lancaster, Pa.
WLVA	Lynchburg, Va.
WMPG	Lapeer, Mich.
WRBL	Columbus, Ga.
WWAE	Hammond, Ind.
10-AK	Stratford, Ont.
10-BP	Wingham, Ont.

Continued on page 12

# TRUETONE 7-Tube

## World-Wide Short-Wave



*A full-size set giving console performance, tone and power without console size. Its compact, mantel style cabinet takes up only about one-third the space required for a console of the same capacity.*

Its selectivity is remarkable; completely separating the program you want from all others. This results in exceptionally clear reception of both local or distant broadcasts. Power output is 3 watts, undistorted; ample for the average home. Three days' trial in your home.

*Short-wave field 16.4 to 52.2 meters, covers practically all important foreign stations and American daytime stations. Its long-wave band covers 535 to 1730 kilocycles which includes regular broadcast and police calls.*

**Specifications:**—Seven-tube, R.C.A. Licensed, advanced super-heterodyne circuit. Super-power tubes, guaranteed a full year. Electro-dynamic speaker. Low current consumption, only 68 watts.

**Features:**—Automatic volume control; airplane dial, 16 to 1 ratio; full-floating chassis, and full-range tone control.

**Cabinet:**—Select grain American Walnut veneer; multi-coat lacquer finish, hand-rubbed to a piano polish. Overall size, about 10  $\frac{3}{4}$  x 15  $\frac{3}{4}$  x 16  $\frac{3}{4}$ ".

**Complete with Seven Tubes . . . . . \$29.95**

*Easy Payments Can Be Arranged.*

DO YOU KNOW: That Western Auto Stores is the biggest organization of its kind in the world; owning and operating 176 big stores in principal cities from Texas to New England and serving more than 26,000,000 customers annually?

# Broadcast Stations Indexed by Kilocycles

‡ Stations Associated With National Broadcasting Company

\* Stations Associated With Columbia Broadcasting System

Call Letters	Location
<b>1210 KILOCYCLES</b>	
CHNC	New Carlisle, Que.
CJCU	Aklavik, N. W. T.
CKBI	Prince Albert, Sask.
CKCH	Hull, Que.
CKMC	Cobalt, Ont.
CMHI	Santa Clara, Cuba
KASA	Elk City, Okla.
KDLR	Devils Lake, N. D.
KFJI	Klamath Falls, Ore.
*KFOR	Lincoln, Neb.
KFPW	Fort Smith, Ark.
KFVS	Cape Girardeau, Mo.
KFXM	San Bernardino, Cal.
KGY	Olympia, Wash.
KIEM	Eureka, Cal.
KIUL	Garden City, Kans.
KPPC	Pasadena, Cal.
KVSO	Ardmore, Okla.
KWEA	Shreveport, La.
KWTN	Watertown, S. D.
WALR	Zanesville, Ohio
WBAX	Wilkes Barre, Pa.
WBBL	Richmond, Va.
WBRB	Red Band, N. J.
WCBS	Springfield, Ill.
WCOL	Columbus, Ohio
WCRW	Chicago, Ill.
WEBQ	Harrisburg, Ill.
WEDC	Chicago, Ill.
WEAS	White Plains, N. Y.
WGBB	Freeport, N. Y.
WGCM	Mississippi City
WGNV	Chester, N. Y.
WBBF	Rock Island, Ill.
WBHU	Anderson, Ind.
WIBU	Poynette, Wis.
WJBY	Gadsden, Ala.
WJEJ	Hagerstown, Md.
WJIM	Lansing, Mich.
WJW	Akron, Ohio
WKOK	Sunbury, Pa.
*WMBG	Richmond, Va.
WMFG	Hibbing, Minn.
WMFN	Clarksdale, Miss.
WOCL	Jamestown, N. Y.
WOMT	Manitowoc, Wis.
WPAX	Thomasville, Ga.
WSBC	Chicago, Ill.
WSIX	Springfield, Tenn.
‡WSOC	Charlotte, N. C.
WTAX	Springfield, Ill.
XEE	Durango, Dgo.
XEFV	Juarez, Chih.
XETH	Puebla, Pue.

## 1220 KILOCYCLES

CMJE	Camaguey, Cuba
KFKU	Lawrence, Kans.
KTW	Seattle, Wash.
KWSC	Pullman, Wash.
WCAD	Canton, N. Y.
‡WCAE	Pittsburgh, Pa.
*WDAE	Tampa, Fla.
‡WREN	Lawrence, Kans.
XETF	Veracruz, Ver.

Call Letters	Location
<b>1230 KILOCYCLES</b>	
CJOC	Lethbridge, Alta.
CMCB	Havana, Cuba
KGBX	Springfield, Mo.
KGGM	Albuquerque, N. M.
‡KYA	San Francisco, Cal.
*WFBM	Indianapolis, Ind.
*WNAC	Boston, Mass.
XEFJ	Monterrey, N. L.

## 1240 KILOCYCLES

CJCB	Sydney, N. S.
CMHB	San Spiritus, Cuba
KGCU	Mandan, N. D.
KLPM	Minot, N. D.
*KTAT	Fort Worth, Texas
KTFI	Twin Falls, Idaho
WKAQ	San Juan, P. R.
WXYZ	Detroit, Mich.
XEAI	Mexico City, D. F.
XEKL	Leon, Guan.
XELA	Saltillo, Coah.

## 1250 KILOCYCLES

CMCG	Havana, Cuba
CMKC	Santiago, Cuba
KFOX	Long Beach, Cal.
WCAL	Northfield, Minn.
*WDSU	New Orleans, La.
WBHI	Newark, N. J.
WLB	Minneapolis, Minn.
WNEW	Newark, N. J.
WTCN	Minneapolis, Minn.

## 1260 KILOCYCLES

CFRN	Edmonton, Alta.
KGVO	Missoula, Mont.
‡KOIL	Council Bluffs, Iowa
KPAC	Port Arthur, Texas
KRGV	Weslaco, Texas
KUOA	Fayetteville, Ark.
KVOA	Tucson, Ariz.
‡WHIO	Dayton, Ohio
WNBX	Springfield, Vt.
*WTOC	Savannah, Ga.

## 1270 KILOCYCLES

CMCP	Havana, Cuba
CMHD	Caibarien, Cuba
HIX	Santo Domingo, D. R.
KGCA	Decorah, Iowa
*KOL	Seattle, Wash.
*KVOR	Colorado Springs, Colo.
KWLC	Decorah, Iowa
WASH	Grand Rapids, Mich.
‡WFBR	Baltimore, Md.
‡WJDX	Jackson, Miss.
WOOD	Grand Rapids, Mich.
XEG	Ensenada, B. C.
XFB	Jalapa, Ver.

## 1280 KILOCYCLES

KFBB	Great Falls, Mont
WCAM	Camden, N. J.
WCAP	Asbury Park, N. J.
*WDOD	Chattanooga, Tenn.
‡WIBA	Madison, Wis.
*WORC	Worcester, Mass.
WRR	Dallas, Texas
WTNJ	Trenton, N. J.
XEMcX	Mexico City, D. F.

Continued on page 14

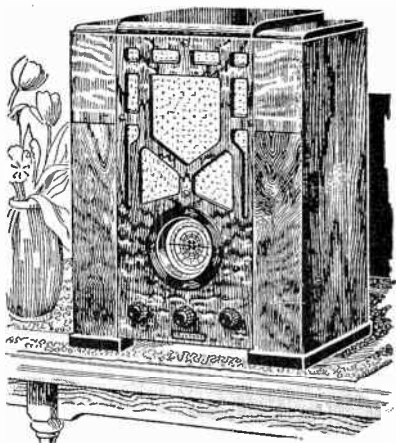
# TRUETONE Mantel Five-Tube, All-Wave

Extremely selective and clear; and with amazing power for such a small set. Complete with tubes.

**\$23<sup>95</sup>** Cash

*Easy Payments Can Be Arranged.*

- Advanced superheterodyne circuit; R.C.A. Licensed; incorporating improved type super-power tubes.
- Full dynamic speaker.
- Airplane dial, with 32-to-1 vernier ratio for easy, accurate tuning.
- Short-wave 13 to 130 meters, covering world-wide stations of importance.

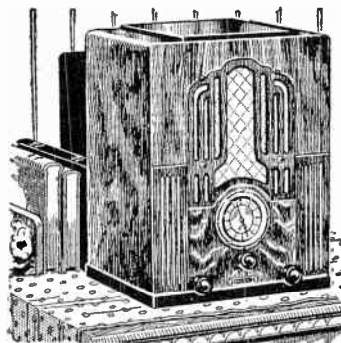


Can be used without aerial or ground for local programs. With standard aerial it will reach out thousands of miles. For short-wave a special short-wave aerial is recommended.

Cabinet is sturdy and attractive. Finished in American Walnut, selected for beauty of grain. Hand-rubbed to piano polish. Size over all, about 15"x11 $\frac{1}{4}$ "x7 $\frac{1}{2}$ ".

Very popular for small apartments, shops, dens and other places where space is limited. Three days' home trial.

## "Paramount" Long & Short Wave



Complete \$ **12<sup>95</sup>**  
with 4 tubes CASH

*Easy Payments  
Can Be Arranged*

Pleasing, natural tone with ample power. Requires no aerial for local reception. With long aerial will bring in distant stations.

*Especially fine for sickrooms, schools, offices, small apartments and other places where a small "personal" radio serves the purpose best.*

**3 Days' Trial In Your Home!**

Cabinet is Walnut veneer, nicely finished. Size about 13x10 $\frac{1}{4}$ x8".



# Broadcast Stations Indexed by Kilocycles

‡ Stations Associated With National Broadcasting Company  
 \* Stations Associated With Columbia Broadcasting System

Call Letters	Location
<b>1290 KILOCYCLES</b>	
‡KDYL	Salt Lake City, Utah
KLCN	Blytheville, Ark.
*KTRH	Houston, Texas
‡WEBC	Superior, Wis.
*WJAS	Pittsburgh, Pa.
WNBZ	Saranac Lake, N. Y.
WNEL	San Juan, P. R.

Call Letters	Location
<b>1300 KILOCYCLES</b>	
CMKJ	Guantanamo, Cuba
HIZ	Santo Domingo, D. R.
*KALE	Portland, Ore.
KFAC	Los Angeles, Cal.
*KFH	Wichita, Kans.
KFJR	Portland, Ore.
WBBR	Brooklyn, N. Y.
WEVD	New York, N. Y.
WFAB	New York, N. Y.
WFBC	Greenville, S. C.
WHAZ	Troy, N. Y.
‡WIOD	Miami, Fla.

Call Letters	Location
<b>1310 KILOCYCLES</b>	
CHCK	Charlottetown, P. E. I.
CJKL	Kirkland Lake, Ont.
CJLS	Yarmouth, N. S.
CKCV	Quebec, Que.
KCRJ	Jerome, Ariz.
*KFBK	Sacramento, Cal.
KFPL	Dublin, Texas
KFXR	Oklahoma City, Okla.
KFYO	Lubbock, Texas
KGOX	Wolf Point, Mont.
KGEZ	Kalispell, Mont.
KGFV	Kearney, Neb.
KIT	Yakima, Wash.
KIUJ	Santa Fe, N. M.
KMED	Medford, Ore.
KEMD	Shreveport, La.
KROC	Rochester, Minn.
KTSM	El Paso, Texas
KXEO	Aberdeen, Wash.
WAML	Laurel, Miss.
WBEO	Marquette, Mich.
WBOW	Terre Haute, Ind.
WBRE	Wilkes Barre, Pa.
WCLS	Joliet, Ill.
WCMI	Ashland, Ky.
WDAH	El Paso, Texas
WEBR	Buffalo, N. Y.
WEXL	Royal Oak, Mich.
WFBG	Altoona, Pa.
WFDL	Flint, Mich.
WGH	Newport News, Va.
WHAT	Philadelphia, Pa.
WJAC	Johnstown, Pa.
WLBC	Muncie, Ind.
WLNH	Laconia, N. H.
WMBO	Auburn, N. Y.
WMFF	Plattsburg, N. Y.
*WNBH	New Bedford, Mass.
WOL	Washington, D. C.

Call Letters	Location
WRAW	Reading, Pa.
WROL	Knoxville, Tenn.
WSAJ	Grove City, Pa.
WSGN	Birmingham, Ala.
*WSJS	Winston-Salem, N. C.
WTAL	Tallahassee, Fla.
WTFL	Philadelphia, Pa.
WTJS	Jackson, Tenn.
WTRC	Elkhart, Ind.
XEAJ	Cazaca, Camp.
XEC	Tijuana, B. C.
XECW	Mexico City, D. F.
XEFC	Merida, Yuc.
NEFW	Tampico, Tams.
XELM	Mineral del Monte
XETB	Torreón, Coah.
XEX	Monterrey, N. L.

Call Letters	Location
<b>1320 KILOCYCLES</b>	
CMCK	Havana, Cuba
CMOX	Havana, Cuba
KGIF	Pueblo, Colo.
*KGM	Honolulu, T. H.
KID	Idaho Falls, Idaho
*KRNT	Des Moines, Iowa
*WADC	Akron, Ohio
WORK	York, Pa.
‡WSMB	New Orleans, La.

Call Letters	Location
<b>1330 KILOCYCLES</b>	
CMHK	Cruces, Cuba
*KGB	San Diego, Cal.
KMO	Tacoma, Wash.
*KSCJ	Sioux City, Iowa
*WDR	Hartford, Conn.
‡WSAI	Cincinnati, Ohio
WTAQ	Eau Claire, Wis.

Call Letters	Location
<b>1340 KILOCYCLES</b>	
*KFPY	Spokane, Wash.
KGDY	Huron, S. D.
KGNO	Dodge City, Kans.
*WCOA	Pensacola, Fla.
*WFEA	Manchester, N. H.
*WSPD	Toledo, Ohio
XFD	Orizaba, Ver.

Call Letters	Location
<b>1350 KILOCYCLES</b>	
CMCA	Havana, Cuba
KIDO	Boise, Idaho
‡KWK	St. Louis, Mo.
WAWZ	Zarephath, N. J.
WBNX	New York, N. Y.

Call Letters	Location
<b>1360 KILOCYCLES</b>	
CMJH	Ciego de Avila, Cuba
KGER	Long Beach, Cal.
‡KGR	Butte, Mont.
WCSC	Charleston, S. C.
*WFBL	Syracuse, N. Y.
WGES	Chicago, Ill.
WQBC	Vicksburg, Miss.
WSBT	South Bend, Ind.

Continued on page 18

# TRUETONE Auto Radios

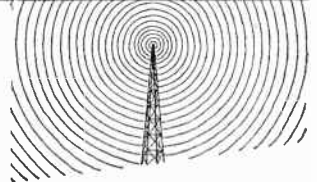


Nothing you can add to your car will give as much continued pleasure as a Truetone Radio.

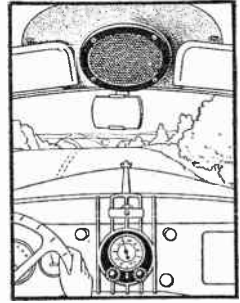
It is a joyous thrill to roll along enjoying your favorite programs as clearly as you do in your home.

And at such little cost, payable if you wish in easy installments.

Truetone reputation for quality, performance and durability is nationally established. More than 100,000 now in use. Leaders since 1930. Every Truetone is R.C.A. Licensed.



## Truetone DeLuxe for 1935 Fords



With Tubes and Controls ready to attach to aerial.. **\$ 29<sup>95</sup>** Cash

*Easy Payments Can Be Arranged.*

Six-tube DeLuxe construction (as described on page 17). Custom-built for Ford V-8 with overhead speaker and instrument board controls.

Fully guaranteed.  
Low cost installation.

## TRUETONE DeLuxe for All Cars



Nationally recognized as one of the best on the market. Tone, selectivity, power and distance that compare favorably with sets at twice our price.

Incorporates every up-to-the-minute refinement and feature.

Comes complete with tubes, remote controls, etc.

**\$ 29<sup>95</sup>** Cash

*Easy Payments Can Be Arranged.*

## 5-Tube TRUETONE for all Cars

With tubes and steering-post controls ..... **\$ 21<sup>95</sup>** Cash

*Also Easy Payments*

Genuine Truetone quality and performance at extremely low cost.

- 5-Tube Superheterodyne.
  - Super-power tubes.
  - Electro-dynamic speaker.
  - Current requirement 5 1/2 amps.
  - Speaker power 3 watts.
- Selectivity, distance, tone and power compare favorably with sets selling from \$29.50 to \$45.00.

**Installation:**—Price includes brackets, condensers, suppressors. Complete installation and service at small extra cost.



R.C.A. Licensed

- Six-tube superheterodyne circuit incorporating Super-power tubes.
- Suppressors not required on most cars.
- 6 inch dynamic speaker hermetically sealed, dust and moisture-proof.
- Automatic volume control.
- Full-range tone control.
- Speaker power—3 watts.

Extra ordinarily compact. Rattle-proof construction. Extra strong mounting brackets. Current consumption—5.8 watts.

**INSTALLATION:**—Expert installation or service at any Western Auto Store at small extra cost.

### Instrument-board control

Price includes bracket for mounting dial and controls on steering-post. Special brackets for mounting on instrument board of most cars, slightly extra.

# Broadcast Stations Indexed by Kilocycles

‡ Stations Associated With National Broadcasting Company  
 \* Stations Associated With Columbia Broadcasting System

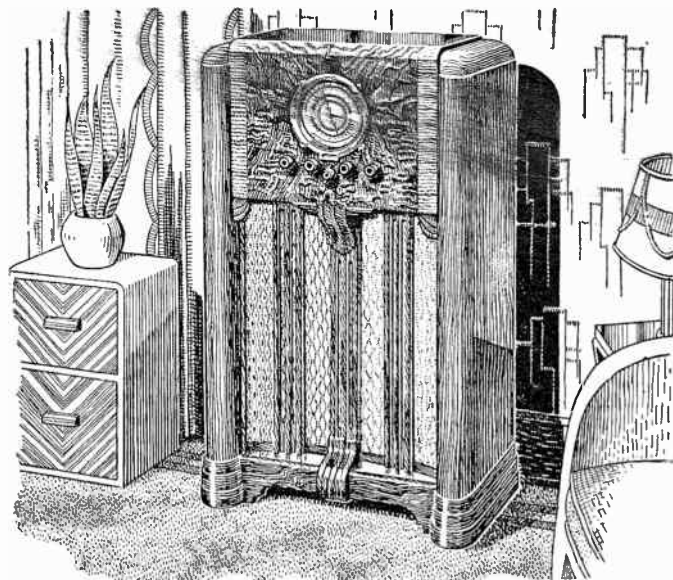
Call Letters	Location
<b>1370 KILOCYCLES</b>	
CKCW	Moncton, N. B.
CMGE	Cardenas, Cuba
KAST	Astoria, Ore.
KCRC	Enid, Okla.
KELD	El Dorado, Ark.
KERN	Bakersfield, Cal.
KFGQ	Boone, Iowa
KFJM	Grand Forks, N. D.
KFJZ	Fort Worth, Texas
KFRZ	Longview, Texas
KGAR	Tucson, Ariz.
KGFG	Oklahoma City, Okla.
KGFL	Roswell, N. M.
KGKL	San Angelo, Texas
KICA	Clavis, N. Y.
KLUF	Galveston, Texas
KMAC	San Antonio, Texas
KONO	San Antonio, Texas
KRE	Berkeley, Cal.
KRKO	Everett, Wash.
KSLM	Salem, Ore.
KUJ	Walla Walla, Wash.
KVL	Seattle, Wash.
KWKC	Kansas City, Mo.
KWYO	Sheridan, Wyo.
WABY	Albany, N. Y.
WAGF	Dothan, Ala.
WBTM	Danville, Va.
WCBM	Baltimore, Md.
WDAS	Philadelphia, Pa.
*WGL	Fort Wayne, Ind.
WIBQ	Memphis, Tenn.
WHDF	Calumet, Mich.
WIBM	Jackson, Mich.
WJTL	Atlanta, Ga.
WLLH	Lowell, Mass.
*WMBR	Jacksonville, Fla.
WMFD	Wilmington, N. C.
WMFO	Decatur, Ala.
*WOC	Davenport, Iowa
WPAY	Portsmouth, Ohio
WPFB	Hattiesburg, Miss.
WQDM	St. Albans, Vt.
WRAK	Williamsport, Pa.
WRDO	Augusta, Maine
WRJN	Racine, Wis.
WSVS	Buffalo, N. Y.
XEFZ	Mexico City, D. F.
XEI	Morelia, Mich.
XEZZ	San Luis Potosi, S.L.P.
<b>1380 KILOCYCLES</b>	
CMBC	Havana, Cuba
CMJC	Camaguey, Cuba
*KOH	Beno, Nev.
KQV	Pittsburgh, Pa.
*WALA	Mobile, Ala.
WKBH	LaCrosse, Wis.
WMFE	New Britain, Conn.
*WSMK	Dayton, Ohio
<b>1390 KILOCYCLES</b>	
CJRC	Winnipeg, Man.
HHH	S. Ped. de Macoris, D.R.
*KLRA	Little Rock, Ark.
KOY	Phoenix, Ariz.
*WHK	Cleveland, Ohio

Call Letters	Location
<b>1400 KILOCYCLES</b>	
CMGC	Matanzas, Cuba
*KLO	Ogden, Utah
*KTUL	Tulsa, Okla.
KGX	Guatemala City, Gt.
WARD	Brooklyn, N. Y.
WBBC	Brooklyn, N. Y.
*WIRE	Indianapolis, Ind.
WLTH	Brooklyn, N. Y.
WVFW	Brooklyn, N. Y.
<b>1410 KILOCYCLES</b>	
CKFC	Vancouver, B. C.
CKMO	Vancouver, B. C.
CMCR	Havana, Cuba
KGRS	Amarillo, Texas
*WLAB	Boston, Mass.
WBCM	Bay City, Mich.
WDAG	Amarillo, Texas
WHBL	Sheboygan, Wis.
WHIS	Bluefield, W. Va.
WRBX	Roanoke, Va.
WROK	Rockford, Ill.
*WSFA	Montgomery, Ala.
<b>1420 KILOCYCLES</b>	
CKGB	Timmins, Ont.
CKNC	Toronto, Ont.
CMGI	Colon, Cuba
KABC	San Antonio, Texas
KABR	Aberdeen, S. D.
KBPS	Portland, Ore.
KCMC	Texarkana, Ark.
KFTZ	Fond du Lac, Wis.
KGFF	Shawnee, Okla.
KGCC	San Francisco, Cal.
KGIV	Alamosa, Colo.
KGIX	Las Vegas, Nev.
KIDW	Lamar, Colo.
KIUN	Pecos, Texas
KORE	Eugene, Ore.
KRCL	Lewiston, Idaho
KUMA	Yuma, Ariz.
KWBG	Hutchinson, Kans.
KXL	Portland, Ore.
*WACO	Waco, Texas
WAGM	Presque Isle, Me.
WAZL	Hazleton, Pa.
WEED	Rocky Mount, N. C.
WEHC	Charlottesville, Va.
WEHS	Cicero, Ill.
WELL	Battle Creek, Mich.
WGPC	Albany, Ga.
WHDL	Olean, N. Y.
WHFC	Cicero, Ill.
WILM	Wilmington, Del.
WJBO	Baton Rouge, La.
WJMS	Ironwood, Mich.
WKBI	Cicero, Ill.
WLAP	Lexington, Ky.
WLBF	Kansas City, Kans.
WLEU	Erie, Pa.
*WMAS	Springfield, Mass.
WMBR	Detroit, Mich.
WMBH	Joplin, Mo.
WMFJ	Daytona Beach, Fla.
WNRA	Muscle Shoals, Ala.
WPAD	Paducah, Ky.
WPRP	Ponce, P. R.
WVC	Spartanburg, S. C.
XEAZ	Guanajuato, Gto.
XEFB	Monterrey, N. T.

Concluded on page 20

# TRUETONE 12-Tube

## All-Wave - High Fidelity With Metal Tubes



The finest Truetone. It's super-selectivity, super-sensitivity, high-fidelity tone and rich cabinet will please you beyond your expectations. *Compares with any other nationally known radio, even those selling for double our price.*

*Equipped with 2 speakers which are harmonized to bring out and blend the deepest bass and the highest treble into clear, natural tones. Speakers are advanced dynamic type with 12-inch curvilinear cones.*

Cabinet is large console size. Strongly constructed of selected grain walnut and butt walnut. Deep, rich, hand rubbed finish.

**Features:**—High fidelity reproduction. Three band, all-wave reception, covering every important long and short-wave. New R.C.A. Licensed, advanced 12-tube superheterodyne circuit (incorporating new, improved metal tubes). Aeroplane dial with micrometer tuning. Full range tone control. Automatic volume control and many others.

Complete with  
Tubes . . . . . **\$83<sup>50</sup>**

*Easy Payments  
Can Be Arranged*



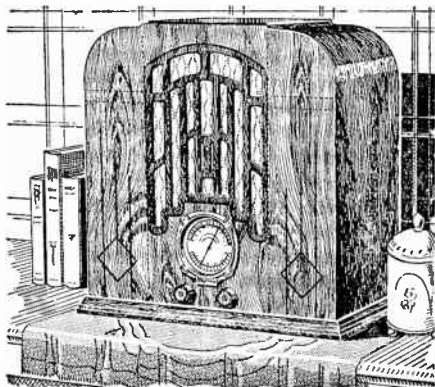
# TRUETONE 5-Tube SUPERHETERODYNE D.C. Battery Radio

Improved superheterodyne reception for those who do not have 110-120 volt A.C.

Receives 526 to 1750 kilocycles, which includes regular broadcast, police, airplane and amateur.

Comes complete with tubes and all necessary "A," "B" and "C" batteries.

**\$31.95**



**Reception:**—As clear as high-priced A. C. Sets.

**Range:**—Brings in distant stations and with proper aerial and ground will get coast to coast.

**Tone:**—Clear as bell. Deep and rich.

**Power:**—Ample for any average size room.

**SPECIFICATIONS:** 5 tubes, including improved super-power types. Advanced "push-push" superheterodyne circuit (R.C.A. Licensed). New type improved magnetic speaker gives plenty of power without distortion. Three-point off-and-on switch automatically eliminates chance of shorts and premature battery deterioration.

**BATTERIES:** "A" power is 2 volt wet-storage with 190 amp. rating. "B" current is three 45 volt batteries. The "C" battery equipment is 22½ volts. Current consumption is very low (only ½ ampere of "A") assuring long battery life and operating economy.

**CABINET:** American walnut veneer with hand rubbed finish. Provides to hold all batteries and wires, making entire radio self-contained except aerial and ground. Over all size about 19" high, 19" wide and 10" deep.

## TWO Other Truetone Battery Radios

**SEVEN TUBE CONSOLE**, gets all long and short-waves. Marvellous performance. DeLuxe in every respect. Complete with tubes and batteries..... **\$52.95**

**FOUR TUBE MANTEL**, a junior set, similar to 5 tube set but with less power, with tubes and batteries..... **\$25.95**

C

Page Nineteen

# Broadcast Stations Indexed by Kilocycles

‡ Stations Associated With National Broadcasting Company

\* Stations Associated With Columbia Broadcasting System

## Call Letters Location

### 1430 KILOCYCLES

CMJP Moron, Cuba  
 KECA Los Angeles, Cal.  
 KGNF North Platte, Neb.  
 ‡KSO Des Moines, Iowa  
 \*WBNS Columbus, Ohio  
 \*WHEC Rochester, N. Y.  
 \*WHP Harrisburg, Pa.  
 WNBR Memphis, Tenn.  
 \*WOKO Albany, N. Y.

### 1440 KILOCYCLES

KDFN Casper, Wyo.  
 KLS Oakland, Cal.  
 KXYZ Houston, Texas  
 TIFS Cartago, C. R.  
 \*WBIG Greensboro, N. C.  
 WCBA Allentown, Pa.  
 \*WMBD Peoria, Ill.  
 WSAN Allentown, Pa.  
 XEFI Chihuahua, Chih.

### 1450 KILOCYCLES

CFCT Victoria, B. C.  
 CHGS Summerside, P. E. I.  
 ‡KTBS Shreveport, La.  
 ‡WGAR Cleveland, Ohio  
 WHOM Jersey City, N. J.  
 WSAR Fall River, Mass.  
 WTFI Athens, Ga.

### 1460 KILOCYCLES

CMKF Holguin, Cuba  
 ‡KSTP St. Paul, Minn.  
 \*WJSV Washington, D. C.

### 1470 KILOCYCLES

‡KGA Spokane, Wash.  
 \*WLAC Nashville, Tenn.

### 1480 KILOCYCLES

\*KOMA Oklahoma City, Okla.  
 \*WKBW Buffalo, N. Y.

### 1490 KILOCYCLES

‡WCKY Covington, Ky.

## Call Letters Location

### 1500 KILOCYCLES

CMCN Havana, Cuba  
 \*KDB Santa Barbara, Cal.  
 KGFI Corpus Christi, Texas  
 KGFK Moorhead, Minn.  
 KGKB Tyler, Texas  
 KGKY Scottsbluff, Neb.  
 KKNW Austin, Texas  
 KOTN Pine Bluff, Ark.  
 KPJM Prescott, Ariz.  
 KPLC Lake Charles, La.  
 KPQ Wenatchee, Wash.  
 KREG Santa Ana, Cal.  
 KXO El Centro, Cal.  
 WCNW Brooklyn, N. Y.  
 \*WDNC Durham, N. C.  
 WGAL Lancaster, Pa.  
 WHEF Kosciusko, Miss.  
 WJBK Detroit, Mich.  
 WKBB E. Dubuque, Ill.  
 WKBV Richmond, Ind.  
 WKBZ Muskegon, Mich.  
 WKEU Griffin, Ga.  
 WMBQ Brooklyn, N. Y.  
 WMEX Boston, Mass.  
 \*WBNF Binghamton, N. Y.  
 WOPI Bristol, Tenn.  
 WRDW Augusta, Ga.  
 WRGA Rome, Ga.  
 WSYB Rutland, Vt.  
 WTMV East St. Louis, Ill.  
 WWRL Woodside, N. Y.  
 WWSW Pittsburgh, Pa.

### 1510 KILOCYCLES

CFRC Kingston, Ont.  
 CKCR Waterloo, Ont.

### 1530 KILOCYCLES

W1XBS Waterbury, Conn.  
 W9XBY Kansas City, Mo.

### 1550 KILOCYCLES

W2XR Long Island City, N. Y.  
 W6XAI Bakersfield, Cal.

## List Here Other Stations You Find

---



---



---



---



---



---



---



---



---



---



## Broadcast Stations Indexed by Call Letters

Call Letters	Location	Kilo-cycles	Call Letters	Location	Kilo-cycles
KABC	San Antonio, Tex.	1420	KGDE	Fergus Falls, Minn.	1200
KABR	Aberdeen, S. D.	1420	KGDM	Stockton, Cal.	1100
KADA	Ada, Okla.	1200	KGDY	Huron, S. D.	1340
KALE	Portland, Ore.	1300	KGEK	Sterling, Colo.	1200
KARK	Little Rock, Ark.	890	KGER	Long Beach, Cal.	1360
KASA	Elk City, Okla.	1210	KGEZ	Kalispell, Mont.	1310
KAST	Astoria, Ore.	1370	KGFF	Shawnee, Okla.	1420
KBPS	Portland, Ore.	1420	KGFG	Oklahoma City, Ok.	1370
KBTM	Jonesboro, Ark.	1200	KGFI	Corpus Christi, Tex.	1500
KCMC	Texarkana, Ark.	1420	KGFL	Los Angeles, Cal.	1200
KCRC	Enid, Okla.	1370	KGFK	Moorhead, Minn.	1500
KCRJ	Jerome, Ariz.	1310	KGFL	Roswell, N. M.	1370
KDB	Santa Barbara, Cal.	1500	KGFW	Kearney, Neb.	1310
KDFN	Casper, Wyo.	1440	KGFX	Pierre, S. D.	630
KDKA	Pittsburgh, Pa.	980	KGGC	San Francisco, Cal.	1420
KDLR	Devils Lake, N. D.	1210	KGGF	Coffeyville, Kans.	1010
KDYL	Salt Lake City, Utah	1290	KGGM	Albuquerque, N. M.	1230
KECA	Los Angeles, Cal.	1430	KGHF	Pueblo, Colo.	1320
KELD	El Dorado, Ark.	1370	KGHI	Little Rock, Ark.	1200
KELW	Burbank, Cal.	780	KGHL	Billings, Mont.	780
KERN	Bakersfield, Cal.	1370	KGIR	Butte, Mont.	1360
KEX	Portland, Ore.	1180	KGIW	Alamosa, Colo.	1420
KFAB	Lincoln, Neb.	770	KGIX	Las Vegas, Nev.	1420
KFAC	Los Angeles, Cal.	1300	KGKB	Tyler, Texas	1500
KFBB	Great Falls, Mont.	1280	KGKL	San Angelo, Tex.	1370
KFBI	Abilene, Kans.	1050	KGKO	Wichita Falls, Tex.	570
KFBK	Sacramento, Cal.	1310	KGKY	Scottsbluff, Neb.	1500
KFDM	Beaumont, Tex.	560	KGMB	Honolulu, T. H.	1320
KFDY	Brookings, S. D.	780	KGNF	North Platte, Neb.	1430
KFEL	Denver, Colo.	920	KGNO	Dodge City, Kans.	1340
KFEQ	St. Joseph, Mo.	680	KGO	San Francisco, Cal.	790
KFGQ	Boone, Iowa	1370	KGRS	Amarillo, Tex.	1410
KFH	Wichita, Kans.	1300	KGU	Honolulu, T. H.	750
KFI	Los Angeles, Cal.	640	KGVO	Missoula, Mont.	1260
KFIO	Spokane, Wash.	1120	KGW	Portland, Ore.	620
KFIZ	Fond du Lac, Wis.	1420	KGY	Olympia, Wash.	1210
KFJB	Marshalltown, Ia.	1200	KHJ	Los Angeles, Cal.	900
KFJI	Klamath Falls, Ore.	1210	KHQ	Spokane, Wash.	590
KFJM	Grand Forks, N. D.	1370	KHSL	Chico, Cal.	950
KFJR	Portland, Ore.	1300	KICA	Clovis, N. M.	1370
KFJZ	Ft. Worth, Tex.	1370	KID	Idaho Falls, Idaho	1320
KFKA	Greeley, Colo.	880	KIDO	Boise, Idaho	1350
KFKU	Lawrence, Kans.	1220	KIDW	Lamar, Colo.	1420
KFNF	Shenandoah, Ia.	890	KIEM	Eureka, Cal.	1210
KFOR	Lincoln, Neb.	1210	KIEV	Glendale, Cal.	850
KFOX	Long Beach, Cal.	1250	KINY	Juneau, Alaska	610
KFPL	Dublin, Tex.	1310	KIT	Yakima, Wash.	1310
KFPW	Ft. Smith, Ark.	1210	KIUJ	Santa Fe, N. M.	1310
KFPY	Spokane, Wash.	1340	KIUL	Garden City, Kans.	1210
KFQD	Anchorage, Alaska	780	KIUN	Pecos, Tex.	1420
KFRC	San Francisco, Cal.	610	KJBS	San Francisco, Cal.	1070
KFRO	Longview, Tex.	1370	KJR	Seattle, Wash.	970
KFRU	Columbia, Mo.	630	KLCN	Blytheville, Ark.	1290
KFSD	San Diego, Cal.	600	KLO	Ogden, Utah	1400
KFSG	Los Angeles, Cal.	1120	KLPM	Minot, N. D.	1240
KFUO	St. Louis, Mo.	550	KLRA	Little Rock, Ark.	1390
KFVD	Los Angeles, Cal.	1000	KLS	Oakland, Cal.	1440
KFVS	Cape Girardeau, Mo.	1210	KLUF	Galveston, Tex.	1370
KFWB	Hollywood, Cal.	950	KLX	Oakland, Cal.	880
KFXD	Nampa, Idaho	1200	KLZ	Denver, Colo.	560
KFXJ	Grand Junct'n, Colo.	1200	KMA	Shenandoah, Ia.	930
KFXM	San Bernardino, Cal.	1210	KMAC	San Antonio, Tex.	1370
KFXR	Oklahoma City, Ok.	1310	KMBC	Kansas City, Mo.	950
KFYO	Lubbock, Texas	1310	KMED	Medford, Ore.	1310
KFYR	Bismarck, N. D.	550	KMJ	Fresno, Cal.	580
KGA	Spokane, Wash.	1470	KMLB	Monroe, La.	1200
KGAR	Tucson, Ariz.	1370	KMMJ	Clay Center, Neb.	740
KGB	San Diego, Cal.	1330	KMO	Tacoma, Wash.	1330
KGBU	Ketchikan, Alaska	900	KMOX	St. Louis, Mo.	1090
KGBX	Springfield, Mo.	1230	KMPO	Beverly Hills, Cal.	710
KGBZ	York, Neb.	930	KMTR	Hollywood, Cal.	570
KGCA	Decorah, Iowa	1270	KNOW	Austin, Tex.	1500
KGCU	Mandan, N. D.	1240	KNX	Hollywood, Cal.	1050
KGCX	Wolf Point, Mont.	1310			

Continued on page 22

Page Twenty-one

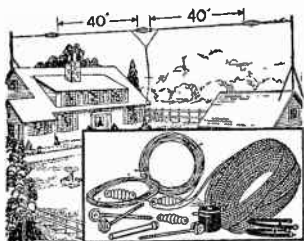
## Broadcast Stations Indexed by Call Letters

Call Letters	Location	Kilo-cycles	Call Letters	Location	Kilo-cycles
KOAA	Denver, Colo. ....	830	KWEA	Shreveport, La. ....	1210
KOAC	Corvallis, Ore. ....	550	KWGG	Stockton, Cal. ....	1200
KOB	Albuquerque, N. M. ....	1180	KWJW	Portland, Ore. ....	1040
KOH	Reno, Nev. ....	1380	KWKJ	St. Louis, Mo. ....	1350
KOIL	Council Bluffs, Ia. ....	1260	KWKK	Kansas City, Mo. ....	1370
KOIN	Portland, Ore. ....	940	KWKH	Shreveport, La. ....	1100
KOL	Seattle, Wash. ....	1270	KWLC	Decorah, Ia. ....	1270
KOMA	Oklahoma City, Ok. ....	1480	KWSC	Pullman, Wash. ....	1220
KOMO	Seattle, Wash. ....	920	KWTN	Watertown, S. D. ....	1210
KONO	San Antonio, Tex. ....	1370	KWTO	Springfield, Mo. ....	560
KOOS	Marshfield, Ore. ....	1200	KWYO	Sheridan, Wyo. ....	1370
KORE	Eugene, Ore. ....	1420	KXA	Seattle, Wash. ....	760
KOTN	Pine Bluff, Ark. ....	1500	KXL	Portland, Ore. ....	1420
KOY	Phoenix, Ariz. ....	1390	KXO	El Centro, Cal. ....	1500
KPAC	Port Arthur, Tex. ....	1260	KXRO	Aberdeen, Wash. ....	1310
KPCB	Seattle, Wash. ....	710	KXYZ	Houston, Tex. ....	1440
KPJM	Prescott, Ariz. ....	1500	KYA	San Francisco, Cal. ....	1230
KPLC	Lake Charles, La. ....	1500	KYW	Philadelphia, Pa. ....	1020
KPO	San Francisco, Cal. ....	680	NAA	Arlington, Va. ....	690
KPOF	Denver, Colo. ....	880	WAAB	Boston, Mass. ....	1410
KPPC	Pasadena, Cal. ....	1210	WAAF	Chicago, Ill. ....	920
KPQ	Wenatchee, Wash. ....	1500	WAAT	Jersey City, N. J. ....	940
KPRC	Houston, Tex. ....	920	WAAW	Omaha, Neb. ....	660
KQV	Pittsburgh, Pa. ....	1380	WABC	New York, N. Y. ....	860
KQW	San Jose, Cal. ....	1010	WABI	Bangor, Me. ....	1200
KRE	Berkeley, Cal. ....	1370	WABY	Albany, N. Y. ....	1370
KREG	Santa Ana, Cal. ....	1500	WACO	Waco, Tex. ....	1420
KRGV	Weslaco, Tex. ....	1260	WADC	Akron, Ohio ....	1320
KRKD	Los Angeles, Cal. ....	1120	WAGF	Dothan, Ala. ....	1370
KRKO	Everett, Wash. ....	1370	WAGM	Presque Isle, Me. ....	1420
KRLC	Lewiston, Idaho ....	1420	WAIM	Anderson, S. C. ....	1200
KRLD	Dallas, Tex. ....	1040	WAIU	Columbus, Ohio ....	640
KRMD	Shreveport, La. ....	1310	WALA	Mobile, Ala. ....	1380
KRNT	Des Moines, Ia. ....	1320	WALR	Zanesville, Ohio ....	1210
KROC	Rochester, Minn. ....	1310	WAML	Laurel, Miss. ....	1310
KROW	Oakland, Cal. ....	930	WAPI	Birmingham, Ala. ....	1140
KRSC	Seattle, Wash. ....	1120	WARD	Brooklyn, N. Y. ....	1400
KSAC	Manhattan, Kans. ....	580	WASH	Grand Rapids, Mich. ....	1270
KSCJ	Sioux City, Ia. ....	1330	WATR	Waterbury, Conn. ....	1190
KSD	St. Louis, Mo. ....	550	WAVE	Louisville, Ky. ....	940
KSEI	Pocatello, Idaho ....	890	WAWZ	Zarephath, N. J. ....	1350
KSL	Salt Lake City, Utah. ....	1130	WAZL	Hazleton, Pa. ....	1420
KSLM	Salem, Ore. ....	1370	WBAA	West Lafayette, Ind. ....	890
KSO	Des Moines, Ia. ....	1430	WBAL	Baltimore, Md. ....	1060
KSOO	Sioux Falls, S. D. ....	1110	WBAP	Ft. Worth, Tex. ....	800
KSTP	St. Paul, Minn. ....	1460	WBAX	Wilkes-Barre, Pa. ....	1210
KSUN	Lowell, Ariz. ....	1200	WBBC	Brooklyn, N. Y. ....	1400
KTAB	San Francisco, Cal. ....	560	WBBL	Richmond, Va. ....	1210
KTAR	Phoenix, Ariz. ....	620	WBBM	Chicago, Ill. ....	770
KTAT	Ft. Worth, Tex. ....	1240	WBBR	Brooklyn, N. Y. ....	1300
KTBS	Shreveport, La. ....	1450	WBBZ	Ponca City, Okla. ....	1200
KTFI	Twin Falls, Idaho. ....	1240	WBCM	Bay City, Mich. ....	1410
KTHS	Hot Springs, Ark. ....	1060	WBEN	Buffalo, N. Y. ....	900
KTM	Los Angeles, Cal. ....	780	WBEO	Marquette, Mich. ....	1310
KTRB	Modesto, Cal. ....	740	WBIG	Greensboro, N. C. ....	1440
KTRH	Houston, Tex. ....	1290	WBNO	New Orleans, La. ....	1200
KTSA	San Antonio, Tex. ....	550	WBNS	Columbus, Ohio ....	1430
KTSM	El Paso, Tex. ....	1310	WBNX	New York, N. Y. ....	1350
KTUL	Tulsa, Okla. ....	1400	WBOQ	New York, N. Y. ....	860
KTW	Seattle, Wash. ....	1220	WBOW	Terre Haute, Ind. ....	1310
KUJ	Walla Walla, Wash. ....	1370	WBRB	Red Bank, N. J. ....	1210
KUMA	Yuma, Ariz. ....	1420	WBRC	Birmingham, Ala. ....	930
KUOA	Fayetteville, Ark. ....	1260	WBRE	Wilkes-Barre, Pa. ....	1310
KUSD	Vermillion, S. D. ....	890	WBNO	Babson Park, Mass. ....	920
KVI	Tacoma, Wash. ....	570	WBT	Charlotte, N. C. ....	1080
KVL	Seattle, Wash. ....	1370	WBTM	Danville, Va. ....	1370
KVOA	Tucson, Ariz. ....	1260	WBZ	Boston, Mass. ....	990
KVOD	Denver, Colo. ....	920	WBZA	Springfield, Mass. ....	990
KVOO	Tulsa, Okla. ....	1140	WCAC	Storrs, Conn. ....	600
KVOR	Colorado Springs, Colo. ....	1270	WCAD	Canton, N. Y. ....	1220
KVOS	Bellingham, Wash. ....	1200	WCAE	Pittsburgh, Pa. ....	1220
KVSO	Ardmore, Okla. ....	1210	WCAL	Northfield, Minn. ....	1250
KWBG	Hutchinson, Kans. ....	1420	WCAM	Camden, N. J. ....	1280

Continued on page 24

# All-Wave Balanced Aerial

Essential for Short-Wave — Improves Long-Wave



Scientific Doublet aerial gives you the benefit of transposed lead-in wires which neutralizes outside interference, caused by power lines, X-rays street cars, etc., and reduces man-made static to a minimum. Transformer blends all waves, making reception clear and even, eliminating buzzing and crackling. Easy to erect. Instructions in each set.

Aerials of this type usually sell from \$4.50 to \$6.00 **\$2.28**  
Our reduced price.....

## Selective Aerial Eliminator



Especially fine for apartments, hotels, offices, etc., where an outside aerial is impractical. Selective up to a 50 foot regular antenna. Simple to

hook up. Compact. Complete with instruction.

Fully Guaranteed..... **38c**

## "Standard" Aerial Outfit

A new aerial will improve reception.

**76c**

75 ft. aerial; 25 ft. lead-in; lightning arrestor; nail knobs; lead-in strip; ground clamp and insulators.



## Aerial Outfit

Similar to above, less lightning arrestor..... **35c**

## Aerials for Auto Radios

Running-board aerial, fits any car, complete with lead-in wire..... **89c**

Roof Aerial, fits most any car, lining does not have to be removed, easy to install. Your choice of buff or gray. **98c**

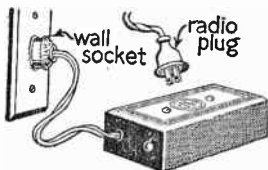
## Short Wave Converter



Enjoy the thrill of Police, airplane and amateur broadcasts. Easy to install. Does not interfere with long wave broadcasts.

Guaranteed..... **44c**

## Line-Noise and Voltage Control



Gives clearer reception by eliminating noises caused by transformers, vacuum-cleaners, telephones, motors, etc. Keeps voltage constant, giving tubes longer life..... **\$1.98**

Voltage Control Only..... **38c**

## Genuine G.E. Mazda Radio Dial Bulbs



2.5 volts, for all house sets..... **8c**

6.3 volt, for all car radios..... **8c**

## Broadcast Stations Indexed by Call Letters

Call Letters	Location	Kilo-cycles	Call Letters	Location	Kilo-cycles
WCAO	Baltimore, Md. ....	600	WGBB	Freeport, N. Y. ....	1210
WCAP	Asbury Park, N. J. ....	1280	WGBF	Evansville, Ind. ....	630
WCAT	Rapid City, S. D. ....	1200	WGBI	Scranton, Pa. ....	880
WCAU	Philadelphia, Pa. ....	1170	WGCM	Miss'spi City, Miss. ....	1210
WCAZ	Burlington, Vt. ....	1200	WGES	Chicago, Ill. ....	1360
WCAZ	Carthage, Ill. ....	1070	WGH	Newport News, Va. ....	1310
WCBA	Allentown, Pa. ....	1440	WGL	Fort Wayne, Ind. ....	1370
WCBD	Waukegan, Ill. ....	1080	WGN	Chicago, Ill. ....	720
WCBM	Baltimore, Md. ....	1370	WGNV	Chester, N. Y. ....	1210
WCBS	Springfield, Ill. ....	1210	WGPC	Albany, Ga. ....	1420
WCCO	Minneapolis, Minn. ....	810	WGR	Buffalo, N. Y. ....	550
WCFL	Chicago, Ill. ....	970	WGST	Atlanta, Ga. ....	890
WCBS	Charleston, W. Va. ....	580	WGY	Schenectady, N. Y. ....	790
WCKY	Covington, Ky. ....	1490	WHA	Madison, Wis. ....	940
WCLO	Janesville, Wis. ....	1200	WHAM	Rochester, N. Y. ....	1150
WCLS	Joliet, Ill. ....	1310	WHAS	Louisville, Ky. ....	820
WCMI	Ashland, Ky. ....	1310	WHAT	Philadelphia, Pa. ....	1310
WCNW	Brooklyn, N. Y. ....	1500	WHAZ	Troy, N. Y. ....	1300
WCOA	Pensacola, Fla. ....	1340	WHB	Kansas City, Mo. ....	860
WCOC	Meridian, Miss. ....	880	WHBC	Canton, Ohio ....	1200
WCOL	Columbus, Ohio ....	1210	WHBF	Rock Island, Ill. ....	1210
WCRW	Chicago, Ill. ....	1210	WHBI	Newark, N. J. ....	1250
WCSC	Charleston, S. C. ....	1360	WHBL	Sheboygan, Wis. ....	1410
WCSH	Portland, Me. ....	940	WHBV	Memphis, Tenn. ....	1370
WDAE	Tampa, Fla. ....	1220	WHBU	Anderson, Ind. ....	1210
WDAF	Kansas City, Mo. ....	610	WIBY	Green Bay, Wis. ....	1200
WDAG	Amarillo, Tex. ....	1410	WIDF	Calumet, Mich. ....	1370
WDAH	El Paso, Tex. ....	1310	WHDH	Boston, Mass. ....	830
WDAS	Philadelphia, Pa. ....	1370	WHDL	Olean, N. Y. ....	1420
WDAY	Fargo, N. D. ....	940	WHEB	Portsmouth, N. H. ....	740
WDBJ	Roanoke, Va. ....	930	WHEC	Rochester, N. Y. ....	1430
WDBO	Orlando, Fla. ....	580	WHEF	Kosciusko, Miss. ....	1500
WDEL	Wilmington, Del. ....	1120	WHFC	Cicero, Ill. ....	1420
WDEV	Waterbury, Vt. ....	550	WHIO	Dayton, Ohio ....	1260
WDGY	Minneapolis, Minn. ....	1180	WHIS	Bluefield, W. Va. ....	1410
WDNC	Durham, N. C. ....	1500	WHJB	Greensburg, Pa. ....	620
WDOD	Chattanooga, Tenn. ....	1280	WHK	Cleveland, Ohio ....	1390
WDRC	Hartford, Conn. ....	1330	WHN	New York, N. Y. ....	1010
WDSU	New Orleans, La. ....	1250	WHO	Des Moines, Ia. ....	1000
WDZ	Tuscola, Ill. ....	1070	WHOM	Jersey City, N. J. ....	1450
WEAF	New York, N. Y. ....	660	WHP	Harrisburg, Pa. ....	1430
WEAN	Providence, R. I. ....	780	WIBA	Madison, Wis. ....	1280
WEBC	Superior, Wis. ....	1290	WIBG	Glenide, Pa. ....	970
WEBQ	Harrisburg, Ill. ....	1210	WIBM	Jackson, Mich. ....	1370
WEBR	Buffalo, N. Y. ....	1310	WIBU	Poynette, Wis. ....	1210
WEDC	Chicago, Ill. ....	1210	WIBW	Topeka, Kans. ....	580
WEED	Rocky Mount, N. C. ....	1420	WIBX	Utica, N. Y. ....	1200
WEEL	Boston, Mass. ....	590	WICC	Bridgeport, Conn. ....	600
WEEU	Reading, Pa. ....	830	WIL	St. Louis, Mo. ....	1200
WEHC	Charlottesville, Va. ....	1420	WILL	Urbana, Ill. ....	890
WEHS	Cicero, Ill. ....	1420	WILM	Wilmington, Del. ....	1420
WELL	Battle Creek, Mich. ....	1420	WIND	Gary, Ind. ....	560
WENR	Chicago, Ill. ....	870	WINS	New York, N. Y. ....	1180
WESG	Elmira, N. Y. ....	850	WIOD	Miami, Fla. ....	1300
WEVD	New York, N. Y. ....	1300	WIP	Philadelphia, Pa. ....	610
WEW	St. Louis, Mo. ....	760	WIRE	Indianapolis, Ind. ....	1400
WEXL	Royal Oak, Mich. ....	1310	WIS	Columbia, S. C. ....	1010
WFAB	Dallas, Tex. ....	800	WISN	Milwaukee, Wis. ....	1120
WFAB	New York, N. Y. ....	1300	WJAC	Johnstown, Pa. ....	1310
WFAM	South Bend, Ind. ....	1200	WJAG	Norfolk, Neb. ....	1060
WFAS	White Plains, N. Y. ....	1210	WJAR	Providence, R. I. ....	890
WFBC	Greenville, S. C. ....	1300	WJAS	Pittsburgh, Pa. ....	1290
WFBE	Cincinnati, Ohio ....	1200	WJAX	Jacksonville, Fla. ....	900
WFBG	Altoona, Pa. ....	1310	WJAY	Cleveland, Ohio ....	610
WFBL	Syracuse, N. Y. ....	1360	WJBC	Bloomington, Ill. ....	1200
WFBM	Indianapolis, Ind. ....	1230	WJBK	Detroit, Mich. ....	1500
WFBR	Baltimore, Md. ....	1270	WJBL	Decatur, Ill. ....	1200
WFDF	Flint, Mich. ....	1310	WJBO	Baton Rouge, La. ....	1420
WFEE	Manchester, N. H. ....	1340	WJBW	New Orleans, La. ....	1200
WFIL	Philadelphia, Pa. ....	560	WJBY	Gadsden, Ala. ....	1210
WFLA	Clearwater, Fla. ....	620	WJDX	Jackson, Miss. ....	1270
WFMD	Frederick, Md. ....	900	WJEJ	Hagerstown, Md. ....	1210
WGAL	Lancaster, Pa. ....	1500	WJIM	Lansing, Mich. ....	1210
WGAR	Cleveland, Ohio ....	1450	WJJD	Chicago, Ill. ....	1130
			WJMS	Ironwood, Mich. ....	1420

Continued on page 26

# "WIZARD" Heavy-Duty "B" Batteries



No chain is stronger than its weakest link . . . no "B" Battery better than its weakest cell.

The cells used in Wizard Batteries are improved, industrial type. Contain more active material. Have extra large seamless zinc cases and positive absorbent seal, which prevents internal shorts and rapid exhaustion.

Every cell is carefully tested and every Wizard Battery guaranteed for full strength and long life.

Wizard "Standard" 45 volts with standard size cells. Rated capacity **98c**  
\*200 hours.....

Wizard "Jumbo" 45 volts with extra large cells. Rated capacity **\$1.44**  
\*500 hours.....



*\*Guaranteed to exceed U. S. Bureau of standards intermittent test.*

## WIZARD "A" Storage Batteries

Thumb type screw terminals



Fully charged. Quality, long-life and service guaranteed.

"STANDARD" — 6 volts; 39 plates; 100 ampere hours rating ..... **\$3.05**  
"DE LUXE" — 6 volts; 45 plates; 160 ampere hours rating ..... **\$5.47**  
"SPECIAL" — 2 volts; 19 plates; 190 ampere hours rating ..... **\$3.89**

## WIZARD Long-Life No. 6 Dry Cells

Highest grade; and guaranteed to deliver 1½ volts and 35 amps.

Incorporate features that insure high voltage maintenance; quick recuperation and long-life. **26c**  
EACH.....



## 6 Volt, Dry, Sure-Shot



Four "Wizard" cells in a short-proof, moisture-proof steel case. Guaranteed full strength... **\$1.28**

## "C" Batteries



22½ volt size for "B" or "C" current... **72c**  
4½ volt size for "C" current ..... **24c**

Our enormous volume assures quick turn-over and new, fresh batteries at all times.

## Scratch Remover

With directions for perfect results. **35c**



Repairs mars, scratches, etc. in almost any finished wood surface. Quick and easy to use.



## Broadcast Stations Indexed by Call Letters

Call Letters	Location	Kilo-cycles	Call Letters	Location	Kilo-cycles
WJR	Detroit, Mich. ....	750	WOAI	San Antonio, Tex. ....	1190
WJSV	Washington, D. C. ....	1460	WOC	Davenport, Ia. ....	1370
WJTL	Atlanta, Ga. ....	1370	WOCL	Jamestown, N. Y. ....	1210
WJW	Akron, Ohio ....	1210	WOI	Ames, Iowa ....	640
WJZ	New York, N. Y. ....	760	WOKO	Albany, N. Y. ....	1430
WKAR	E. Lansing, Mich. ....	1040	WOL	Washington, D. C. ....	1310
WKB	E. Dubuque, Ill. ....	1500	WOMT	Manitowoc, Wis. ....	1210
WKBH	LaCrosse, Wis. ....	1380	WOOD	Grand Rapids, Mich. ....	1270
WKBI	Cicero, Ill. ....	1420	WOPI	Bristol, Tenn. ....	1500
WKBN	Youngstown, Ohio ..	570	WOR	Newark, N. J. ....	710
WKBO	Harrisburg, Pa. ....	1200	WORC	Worcester, Mass. ....	1280
WKBV	Richmond, Ind. ....	1500	WORK	York, Pa. ....	1320
WKBW	Buffalo, N. Y. ....	1480	WOS	Jefferson City, Mo. ....	630
WKBZ	Muskegon, Mich. ....	1500	WOSU	Columbus, Ohio ....	570
WKEU	Griffin, Ga. ....	1500	WOV	New York, N. Y. ....	1130
WKJC	Lancaster, Pa. ....	1200	WOW	Omaha, Neb. ....	1160
WKOK	Sunbury, Pa. ....	1210	WOWO	Fort Wayne, Ind. ....	590
WKRC	Cincinnati, Ohio ....	550	WPAD	Paducah, Ky. ....	1420
WKY	Oklahoma City, Ok. ..	900	WPAX	Thomasville, Ga. ....	1210
WKZO	Kalamazoo, Mich. ....	590	WPAY	Portsmouth, Ohio ....	1370
WLAC	Nashville, Tenn. ....	1470	WPEN	Philadelphia, Pa. ....	920
WLAP	Lexington, Ky. ....	1420	WPFB	Hattiesburg, Miss. ....	1370
WLB	Minneapolis, Minn. ....	1250	WPG	Atlantic City, N. J. ....	1100
WLBC	Muncie, Ind. ....	1310	WPHR	Petersburg, Va. ....	880
WLBF	Kansas City, Kans. ....	1420	WPRO	Providence, R. I. ....	630
WLBL	Stevens Point, Wis. ..	900	WPTF	Raleigh, N. C. ....	680
WLBZ	Bangor, Maine ....	620	WQAM	Miami, Fla. ....	560
WLEU	Erie, Pa. ....	1420	WQAN	Scranton, Pa. ....	830
WLLH	Lowell, Mass. ....	1370	WQBC	Vicksburg, Miss. ....	1360
WLNH	Laconia, N. H. ....	1310	WQDM	St. Albans, Vt. ....	1370
WLS	Chicago, Ill. ....	870	WRAC	Williamsport, Pa. ....	1370
WLTH	Brooklyn, N. Y. ....	1400	WRAW	Reading, Pa. ....	1310
WLVA	Lynchburg, Va. ....	1200	WRAX	Philadelphia, Pa. ....	920
WLW	Cincinnati, Ohio ....	700	WRBL	Columbus, Ga. ....	1200
WLWL	New York, N. Y. ....	1100	WRBX	Roanoke, Va. ....	1410
WMAL	Washington, D. C. ....	630	WRC	Washington, D. C. ....	950
WMAQ	Chicago, Ill. ....	670	WRDO	Augusta, Me. ....	1370
WMAS	Springfield, Mass. ....	1420	WRDW	Augusta, Ga. ....	1500
WMAZ	Macon, Ga. ....	1180	WREC	Memphis, Tenn. ....	600
WMB	Detroit, Mich. ....	1420	WREN	Lawrence, Kans. ....	1220
WMBD	Peoria, Ill. ....	1440	WRGA	Rome, Ga. ....	1500
WMBG	Richmond, Va. ....	1210	WRJN	Racine, Wis. ....	1370
WMBY	Joplin, Mo. ....	1420	WROK	Rockford, Ill. ....	1410
WMBI	Chicago, Ill. ....	1080	WROL	Knoxville, Tenn. ....	1310
WMBO	Auburn, N. Y. ....	1310	WRR	Dallas, Tex. ....	1280
WMBQ	Brooklyn, N. Y. ....	1500	WRUF	Gainesville, Fla. ....	830
WMBR	Jacksonville, Fla. ....	1370	WRVA	Richmond, Va. ....	1110
WMC	Memphis, Tenn. ....	780	WSAI	Cincinnati, Ohio ....	1330
WMCA	New York, N. Y. ....	570	WSAJ	Grove City, Pa. ....	1310
WMEX	Boston, Mass. ....	1500	WSAN	Allentown, Pa. ....	1440
WMFD	Wilmington, N. C. ....	1370	WSAR	Fall River, Mass. ....	1450
WMFE	New Britain, Conn. ....	1380	WSAZ	Huntington, W. Va. ....	1190
WMFF	Plattsburg, N. Y. ....	1310	WSB	Atlanta, Ga. ....	740
WMFG	Hibbing, Minn. ....	1210	WSBC	Chicago, Ill. ....	1210
WMFH	Boston, Mass. ....	1120	WSBT	South Bend, Ind. ....	1360
WMFI	New Haven, Conn. ....	900	WSFA	Montgomery, Ala. ....	1410
WMFJ	Daytona Beach, Fla. ....	1420	WSGN	Birmingham, Ala. ....	1310
WMFN	Clarksdale, Miss. ....	1210	WSIN	Springfield, Tenn. ....	1210
WMFO	Decatur, Ala. ....	1370	WSJS	Winston-Salem, N. C. ....	1310
WMMN	Fairmont, W. Va. ....	890	WSM	Nashville, Tenn. ....	650
WMPC	Lapeer, Mich. ....	1200	WSMB	New Orleans, La. ....	1320
WMT	Cedar Rapids, Ia. ....	600	WSMK	Dayton, Ohio ....	1380
WNAC	Boston, Mass. ....	1230	WSOC	Charlotte, N. C. ....	1210
WNAD	Norman, Okla. ....	1010	WSPA	Spartanburg, S. C. ....	920
WNAX	Yankton, S. D. ....	570	WSPD	Toledo, Ohio ....	1340
WNBF	Binghamton, N. Y. ....	1500	WSUI	Iowa City, Ia. ....	880
WNBH	New Bedford, Mass. ....	1310	WSUN	St. Petersburg, Fla. ....	620
WNBR	Memphis, Tenn. ....	1430	WSVA	Staunton, Va. ....	550
WNBX	Springfield, Vt. ....	1260	WSVS	Buffalo, N. Y. ....	1370
WNBZ	Saranac Lake, N. Y. ....	1290	WSYB	Rutland, Vt. ....	1500
WNEW	Newark, N. J. ....	1250	WSYR	Syracuse, N. Y. ....	570
WNOX	Knoxville, Tenn. ....	560	WTAD	Quincy, Ill. ....	900
WNRA	Muscle Shoals, Ala. ....	1420	WTAG	Worcester, Mass. ....	580
WNYC	New York, N. Y. ....	810	WTAL	Tallahassee, Fla. ....	1310

Continued on page 27

## Broadcast Stations Indexed by Call Letters

Call Letters	Location	Kilo-cycles	Call Letters	Location	Kilo-cycles
WTAM	Cleveland, Ohio	1070	WVFW	Brooklyn, N. Y.	1400
WTAQ	Eau Claire, Wis.	1330	WWAE	Hammond, Ind.	1200
WTAR	Norfolk, Va.	780	WWC	Spartanburg, S. C.	1420
WTAW	College Station, Tex.	1120	WWJ	Detroit, Mich.	920
WTAX	Springfield, Ill.	1420	WWL	New Orleans, La.	850
WTBO	Cumberland, Md.	800	WWNC	Asheville, N. C.	570
WTCN	Minneapolis, Minn.	1250	WWPA	Clarion, Pa.	850
WTEL	Philadelphia, Pa.	1310	WWRL	Woodside, N. Y.	1500
WTFI	Athens, Ga.	1450	WWSW	Pittsburgh, Pa.	1500
WTIC	Hartford, Conn.	1040	WWVA	Wheeling, W. Va.	1160
WTJS	Jackson, Tenn.	1310	WXYZ	Detroit, Mich.	1240
WTMJ	Milwaukee, Wis.	620	W1XBS	Waterbury, Conn.	1530
WTMJ	E. St. Louis, Ill.	1500	W2XR	Long Isl. City, N. Y.	1550
WTNJ	Trenton, N. J.	1280	W6XA	Bakersfield, Calif.	1550
WTOC	Savannah, Ga.	1260	W9XB	Kansas City, Mo.	1530
WTRC	Elkhart, Ind.	1310			

## CANADIAN STATIONS

CFAC	Calgary, Alta.	930	CKCD	Vancouver, B. C.	1010
CFCF	Montreal, Que.	600	CKCH	Hull, Que.	1210
CFCH	North Bay, Ont.	930	CKCK	Regina, Sask.	1010
CFCN	Calgary, Alta.	1030	CKCL	Toronto, Ont.	580
CFCO	Chatham, Ont.	1050	CKCO	Ottawa, Ont.	1010
CFCT	Victoria, B. C.	1450	CKCR	Waterloo, Ont.	1510
CFCY	Charlottetown, P.E.I.	630	CKCV	Quebec, Que.	1310
CFJC	Kamloops, B. C.	880	CKCW	Moncton, N. B.	1370
CFLC	Prescott, Ont.	930	CKFC	Vancouver, B. C.	1410
CFNB	Fredericton, N. B.	550	CKGB	Timmins, Ont.	1420
CFPL	London, Ont.	730	CKIC	Wolfville, N. S.	1010
CFQC	Saskatoon, Sask.	840	CKLW	Windsor, Ont.	1030
CFRB	Toronto, Ont.	690	CKMC	Cohalt, Ont.	1210
CFRC	Kingston, Ont.	1510	CKMO	Vancouver, B. C.	1410
CFRN	Edmonton, Alta.	1260	CKNC	Toronto, Ont.	1420
CHAB	Moose Jaw, Sask.	1200	CKOK	Hamilton, Ont.	1120
CHCK	Charlottetown, P.E.I.	1310	CKOV	Kelowna, B. C.	630
CHGS	Summerside, P.E.I.	1450	CKPC	Brantford, Ont.	930
CHPL	Montreal, Que.	1120	CKPR	Fort William, Ont.	930
CHML	Hamilton, Ont.	1010	CKSO	Sudbury, Ont.	780
CHNC	New Carlisle, Que.	1210	CKTB	St. Catharines, Ont.	1200
CHNS	Halifax, N. S.	930	CKUA	Edmonton, Alta.	580
CHRC	Quebec, Que.	580	CKWX	Vancouver, B. C.	1010
CHSJ	St. John, N. B.	1120	CKX	Brandon, Man.	1120
CHWC	Regina, Sask.	1010	CKY	Winnipeg, Man.	960
CHWK	Chilliwack, B. C.	780	CRCK	Quebec, Que.	1050
CJAT	Trail, B. C.	910	CRCM	Montreal, Que.	910
CJCA	Edmonton, Alta.	730	CRCO	Ottawa, Ont.	880
CJCB	Sydney, N. S.	1240	CRCS	Chicoutimi, Que.	950
CJCC	Calgary, Alta.	690	CRCT	Toronto, Ont.	840
CJCU	Aklavik, N.W.T.	1210	CRCV	Vancouver, B. C.	1100
CJGX	Yorkton, Sask.	630	CRCW	Windsor, Ont.	600
CJIC	S. Ste. Marie, Ont.	890	VAS	Glace Bay, N. S.	685
CJKL	Kirkland Lake, Ont.	1310	VE9EK	Montmagny, Que.	1185
CJLS	Yarmouth, N. S.	1310	VOAC	St. John's, Nfld.	1065
CJOC	Lethbridge, Alta.	1230	VOAS	St. John's, Nfld.	940
CJOR	Vancouver, B. C.	600	VOGY	St. John's, Nfld.	840
CJRC	Winnipeg, Man.	1390	VONE	St. John's, Nfld.	950
CJRM	Moose Jaw, Sask.	540	VOWR	St. John's, Nfld.	681
CKAK	Montreal, Que.	730	10-AK	Stratford, Ont.	1200
CKBI	Prince Albert, Sask.	1210	10-BP	Wingham, Ont.	1200

List Here Other Stations You Find

# Mexican and Cuban Broadcast Stations

Call Letters	Location	Kilo-cycles	Call Letters	Location	Kilo-cycles
CMAF	Havana, Cuba	730	WKAQ	San Juan, P. R.*	1240
CMBC	Havana, Cuba	940	WNEL	San Juan, P. R.	1290
CMBD	Havana, Cuba	1170	WPRP	Ponce, P. R.	1420
CMBG	Havana, Cuba	1140			
CMBS	Havana, Cuba	770	XEA	Guadalajara, Jal.	1060
CMBX	Havana, Cuba	1380	XEAA	Mexicali, B. C.	920
CMBY	Havana, Cuba	640	XEAF	Nogales, Son.	1010
CMBZ	Havana, Cuba	1000	XEAI	Mexico City	1240
CMC	Havana, Cuba*	835	XEAJ	Cazaca, Cam.	1310
CMCA	Havara, Cuba	1350	XEAM	Nuevo Laredo, Tams.	960
CMCB	Havana, Cuba	1230	XEAO	Mexicali, B. C.	560
CMCD	Havana, Cuba	960	XEAW	Reynosa, Tams.*	960
CMCF	Havara, Cuba	815	XEAZ	Guanajuato, Gto.	1420
CMCG	Havana, Cuba	1255	XEB	Mexico City*	1030
CMCJ	Havana, Cuba*	1200	XEBC	Agua Caliente*	730
CMCK	Havana, Cuba	1320	XEC	Tijuana, B. C.	1310
CMCN	Havana, Cuba	1500	XECW	Mexico City	1310
CMCO	Havana, Cuba	1110	XED	Guadalajara, Jal.	1160
CMCP	Havana, Cuba	1270	XEE	Durango, Dgo.	1210
CMCQ	Havana, Cuba	680	XEFA	Mexico City	1180
CMCR	Havana, Cuba	1410	XEFB	Monterrey, N. L.	1420
CMCW	Havana, Cuba	750	XEFC	Merida, Yuc.	1310
CMCX	Havana, Cuba	660	XEFE	Laredo, Tams.	920
CMCY	Havana, Cuba*	1030	XEFG	Mexico City	1100
CMGC	Matanzas, Cuba	1400	XEFI	Chihuahua, Chih.	1440
CMGE	Cardenas, Cuba	1370	XEFJ	Monterrey, N. L.	1230
CMGF	Matanzas, Cuba	1120	XEFL	Tijuana, B. C.	1160
CMGH	Matanzas, Cuba	1040	XEFO	Mexico City*	940
CMGI	Colon, Cuba	1420	XEFV	Juarez, Chih.	1210
CMHA	Saguaia Gr'de, Cuba.	1070	XEFV	Tampico, Tams.	1310
CMHB	San Spiritus, Cuba	1240	XEFZ	Mexico City	1370
CMHD	Calbarien, Cuba	1270	NEG	Ensenada, B. C.	1270
CMHI	Santa Clara, Cuba	1210	XEH	Monterrey, N. L.	1150
CMHJ	Cienfuegos, Cuba	1180	XEI	Morelia, Mich.	1370
CMHK	Cruces, Cuba	1330	XEJ	Juarez, Chih.*	1020
CMHW	Cienfuegos, Cuba	810	XEK	Mexico City	990
CMCJ	Camaguey, Cuba	1380	XEKL	Leon, Guan.	1240
CMJE	Camaguey, Cuba	1220	XELA	Saltillo, Coah.	1240
CMJF	Camaguey, Cuba	1150	XELC	Mexico City	740
CMJG	Camaguey, Cuba	1010	XELM	Min'l del Monte, Dgo.	1310
CMJH	Ciego de Avila, Cuba.	1360	XELO	Piedras Negras*	1110
CMJI	Ciego de Avila, Cuba.	1130	XEMA	Tampico, Tams.	1080
CMJK	Camaguey, Cuba	760	XEMO	Tijuana, B. C.*	865
CMJL	Camaguey, Cuba	960	XEMX	Mexico City	1280
CMJO	Ciego de Avila, Cuba.	1180	XEN	Mexico City	710
CMJP	Moron, Cuba	1430	XENT	Nuevo Laredo*	910
CMK	Havana, Cuba*	1060	XEOK	Tijuana, B. C.	765
CMKC	Santiago, Cuba	1250	XEOX	Saltillo, Coah.	640
CMKF	Holquin, Cuba	1460	XEP	Mexico City	840
CMKJ	Guantanamo, Cuba	1300	XEPN	Piedras Negras*	590
CMKM	Manzanillo, Cuba	940	XES	Tampico, Tams.	990
CMOA	Havana, Cuba	790	XET	Monterrey, N. L.	690
CMOK	Havana, Cuba	1470	XETB	Torreón, Coah.	1310
CMOX	Havana, Cuba	1320	XETF	Veracruz, Ver.	1220
CMQ	Havana, Cuba	840	XETH	Pueblo, Pue.	1210
CMW	Havana, Cuba	600	XETW	Mexico City	820
CMX	Havana, Cuba	920	XEU	Veracruz, Ver.	1010
			XEW	Mexico City*	890
HHK	Port-au-Prince, Haiti*	920	XEWZ	Mexico City	1150
HIH	San Pedro de M., D.R.	1395	XEX	Monterrey, N. L.	1310
HIJ	Santo Domingo, D.R.	1195	XEXX	Mexico City	845
HIX	Santo Dom., D.R.*	1270	XEYZ	Mexico City*	780
HIZ	Santo Domingo, D.R.	1300	XEZ	Merida, Yuc.	630
			XEZZ	San Luis Pot., S.L.P.	1370
RDN	San Salvador, E.S.	706			
TGW	Guatemala, Gua.*	565	XFB	Jalapa, Ver.	1270
TGX	Guatemala, Gua.	1400	XFC	Aguascalientes, Ags.	810
TIEP	San Jose, C. R.*	850	XFD	Orizaba, Ver.	1340
TIFA	San Jose, C. R.	1050	XFO	Mexico City*	940
TIFS	Cartago, C. R.	1441	XFX	Mexico City	610
TIGA	Cartago, C. R.	1014			
TIGH	San Jose, C. R.*	1000			
TIRC	San Jose, C. R.	1100			
TIRH	San Jose, C. R.	930			

\*Stations marked thus \* are the more powerful ones. Several Mexican stations so marked operate at 10,000 to 60,000 watts.

# Leading Short-Wave Stations (Domestic and Foreign)

Meters	Call Letters	Location	Meters	Call Letters	Location
70.21	WOO	Ocean Gate, N. J.	31.80	COH	Havana, Cuba
70.20	RFV15	Khabarovsk, U.S.S.R.	31.56	PRF5	Rio de Janeiro, Brazil
66.47	ZVS	Nassua, Bahamas	31.56	VK3ME	Braybank, Australia
62.91	WOO	Ocean Gate, N. J.	31.56	YV3BC	Caracas, Venezuela
51.87	OAX4D	Lima, Peru	31.53	GSB	Daventry, England
51.52	TIGPH	San Jose, Costa Rica	31.48	W2XAF	Schenectady, N. Y.
51.50	HJA2	Bogota, Colombia	31.43	DJN	Zeesen, Germany
51.28	YV5RMO	Maracaibo, Venezuela	31.43	LKJ1	Jeloy, Norway
50.82	HJ4ABE	Medellin, Colombia	31.36	DJA	Zeesen, Germany
50.45	HIX	Santo Domingo, D.R.	31.33	W1XK	Millis, Mass.
50.21	HJ2ABC	Cucuta, Colombia	31.31	VK3LR	Melbourne, Australia
50.14	XECW	Santokan, Mexico, D.F.	31.30	GSC	Daventry, England
50.03	RV59	Moscow, U.S.S.R.	31.29	VK2ME	Pennant Hills, Aust'lia
49.96	XEBT	Mexico City, D.F.	31.28	W3XAU	Newton Square, Pa.
49.89	COC	Havana, Cuba	31.27	HLB	Prangins, Switzerland
49.80	DJC	Zeesen, Germany	31.26	CT1AA	Lisbon, Portugal
49.72	HP5B	Panama City, Pan.	31.26	HP5J	Panama City, Pan.
49.72	VE9CA	Calgary, Alta.	31.25	I2RO	Rome, Italy
49.64	W1XAL	Boston, Mass.	31.25	VUB	Bombay, India
49.56	GSA	Daventry, England	31.25	XETE	Mexico City, D.F.
49.50	OXY	Skamleback, Denmark	30.43	EAQ	Aranjuez, Spain
49.50	W3XAU	Newton Square, Pa.	30.03	LSN	Buenos Aires, Arg.
49.50	W8XAL	Mason, Ohio	29.82	ZFB	St. George, Bermuda
49.48	HJIABG	Barranquilla, Col.	29.04	ORK	Ruysslede, Belgium
49.39	IRA	Rome, Italy	27.95	JVM	Nazaki, Japan
49.34	W9XAA	Chicago, Ill.	25.63	FYA	Pontoise, France
49.31	CP5	LaPaz, Bolivia	25.59	CJRX	Winnipeg, Man.
49.22	VE9GW	Bowmanville, Ont.	25.59	HJ4ABA	Medellin, Col.
49.18	W9XF	Downers Grove, Ill.	25.53	GSD	Daventry, England
49.15	HJ4ABL	Manizales, Col.	25.51	DJD	Zeesen, Germany
49.10	YV1BC	Caracas, Venezuela	25.40	I2RO	Rome, Italy
49.08	YV2RC	Caracas, Venezuela	25.36	W2XE	Wayne, N. J.
49.07	GSL	Daventry, England	25.29	GSE	Daventry, England
49.07	VE9HX	Halifax, N. S.	25.28	IRE	Rome, Italy
49.02	W2XE	Wayne, N. J.	25.27	W8XK	Saxonburg, Pa.
49.02	YDA	Bandoeng, Java	25.20	FYA	Pontoise, France
48.86	W8XK	Saxonburg, Pa.	25.00	RNE	Moscow, U.S.S.R.
48.78	YV3RC	Caracas, Venezuela	24.69	GBS	Rugby, England
48.75	CJRO	Middlechurch, Man.	24.51	GBU	Rugby, England
48.62	HJ3ABF	Bogota, Colombia	23.39	WOO	Ocean Gate, N. J.
48.44	CTIGO	Lisbon, Portugal	23.38	CNR	Rabat, Fr. Morocco
47.05	YV4RC	Caracas, Venezuela	23.38	HJA3	Barranquilla, Col.
47.00	WTR	Albrook Field, C. Z.	22.98	VPD	Suva, Fiji
46.98	YN1GG	Managua, Nicaragua	22.22	GBB	Rugby, England
46.78	IS3	Bolling Field, Va.	20.77	GBW	Rugby, England
46.69	VK1	Selfridge Field, Mich.	20.71	YNA	Managua, Nicaragua
46.53	HJIABB	Barranquilla, Col.	20.09	HJB	Bogota, Colombia
46.20	HJ5ABD	Cali, Colombia	20.02	KAY	Manila, P. I.
45.98	YV6RV	Valencia, Venezuela	19.87	JVF	Nazaki, Japan
45.33	PRADO	Riobamba, Equador	19.84	HVJ	Vatican City, Italy
45.05	HC2RL	Guayaquil, Equador	19.81	GSF	Daventry, England
44.96	YVQ	Maracay, Venezuela	19.74	DJB	Zeesen, Germany
44.93	BC2RL	Guayaquil, Equador	19.72	W8XK	Saxonburg, Pa.
44.68	TIEP	San Jose, Costa Rica	19.71	PCJ	Hilversum, Netherlands
44.03	HIH	San Pedro de Macoris, D.R.	19.68	FYA	Pontoise, France
40.50	HJ3ABD	Bogota, Colombia	19.65	W2XE	Wayne, N. J.
39.87	KKH	Kahuku, T. Hawaii	19.63	DJQ	Zeesen, Germany
39.87	RK1	Moscow, U.S.S.R.	19.55	W2XAD	Schenectady, N. Y.
39.40	KWX	Dixon, Calif.	19.51	HAS3	Szokesfehervar, Hungary
38.47	HBP	Prangins, Switzerland	19.48	KWU	Dixon, Calif.
37.57	HSJ	Bangkok, Siam	19.46	KWO	Dixon, Calif.
34.66	WOO	Ocean Gate, N. J.	19.22	JVE	Nazaki, Japan
32.87	HAT4	Budapest, Hungary	18.72	HPF	Panama City, Pan.
32.72	YVR	Maracay, Venezuela	18.71	KKP	Kahuku, T. Hawaii
			16.90	DJE	Zeesen, Germany
			16.87	W3XAL	Boundbrook, N. J.
			16.31	PHI	Hilversum, Netherlands
			16.24	GSG	Daventry, England
			13.92	W8XK	Saxonburg, Pa.

# "WIZARD" Tubes

Give Your Radio New Life at  
an Extremely Low Cost

**Guaranteed  
One Full Year**

Regardless of name or price, you can't buy better tubes than Wizards. Millions now giving universal satisfaction.

Genuine first-quality. Built by one of the largest and most scientific factories in America . . . R.C.A. Licensed, embodying latest improvements and refinements. Strictly first-line production, with every step in manufacture carefully tested. Guaranteed a full year against any and all defects.

Try a set in your radio. Your money back if you are not completely satisfied.

*It is our enormous buying-power and direct-from-factory distribution that saves you money.*



**"Wizards" Save You 20% to 40%**  
**Why pay higher prices?**

Type Tube	List Price	Wizard Price
19	\$2.00	\$0.75
112A	.75	.45
71A	.75	.47
V199	1.10	.85
X199	1.10	.85
201A	.65	.45
25Z5	1.10	.75
24A	1.00	.69
26	.65	.39
27	.75	.47
30	.75	.54
32	1.35	.88
33	1.10	.75
34	1.35	.88
35	1.00	.69
36	1.00	.67
37	.75	.55
39	1.00	.79
41	1.00	.69
42	1.10	.75
43	1.10	.85
45	.75	.52

Type Tube	List Price	Wizard Price
46	\$1.10	\$0.75
47	1.00	.75
55	1.10	.79
56	.75	.52
57	1.00	.67
58	1.00	.67
75	1.10	.67
76	.75	.53
77	1.10	.79
78	1.10	.67
80	.70	.45
82	1.00	.65
84	1.35	.85
85	1.10	.79
6C6	1.10	.75
6D6	1.00	.67
6B7	1.35	.85
6F7	1.60	1.05
2A5	1.10	.75
6A7	1.35	.89
1A6	1.35	.95
1C6	1.60	.95





# We test old tubes free and give you a tube-carrier



No radio is better than its tubes. If your set is not operating at full efficiency, bring in your tubes. We will test them carefully on our Improved Testing Machine, which shows at a glance (right before your eyes) which tubes are good and which need replacing.

*This service is absolutely free. Take advantage of it to enjoy better radio reception.*

## Tube Carrier Free

Stop in any time and get one of our handy cartons. It holds 10 tubes, and provides a convenient method to carry tubes without danger of breakage. Also a convenient, safe place to keep spare tubes.



---

# Save at Western Auto Stores

A National Institution . . . owning and operating  
176 Big Stores in principal cities from  
New England to Texas