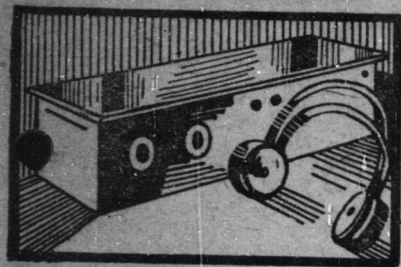
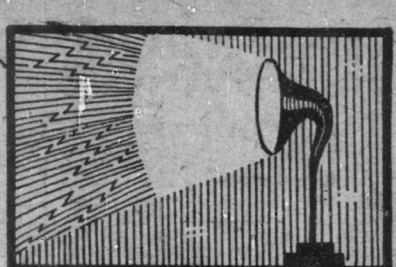


# The Indianapolis Times



## RADIO SECTION



INDIANAPOLIS, THURSDAY, JAN. 8, 1925

### GROWTH IN PAST YEAR HAS BEEN RAPID

Novelty of Radio Wearing Off and Programs Are Part of Life.

By THOMAS STEVENSON.  
WASHINGTON, Jan. 8.—"From a baby to a healthy, growing boy."

These few words, perhaps, best of all describe the progress in the radio art during the last year. Quite true, radio was a good, big baby at the beginning of 1924. Nevertheless, the advance of the newest industry and public benefactor has been so rapid and so many promises are made for the future that it is hard to conceive of it other than as being in its infancy.

As a rule, the American public does not marvel long at even the most astonishing invention or accomplishment. The novelty wears off quite soon. During the past year the novelty of radio has worn off to a considerable extent and the general public is beginning to look to it more for steady entertainment and instruction than for thrills.

#### Thrill Still Present

Of course, the thrills are still there; to hear MacMillan, the explorer, tell of entertaining Eskimos in ice-bound northern regions with American jazz; to tune in a station far away; to have a self-built set work perfectly, or similar events still hold the power to fascinate.

Two years ago, most if not all of the accomplishments in radio during the past twelve months would have been declared impossible of attainment. This attitude has radically changed and now most everybody, skilled or unskilled, will admit the possibility of anything in connection with radio.

To those skilled in the art, two big things stand out as accomplishments during 1924, while several improvements are anticipated for 1925. The consensus of opinion of experts and inventors at Washington is that these were the two big developments of 1924:

Interconnection of broadcasting stations so that the entire country might listen in on a national program.

Exploration and development of high frequencies or short wave lengths which, in addition to other things, may provide many more channels through the ether.

#### Things to Come

These are the anticipations for 1925:

Further development of high frequencies.

Radio transmission of pictures with greater speed and accuracy.

Progress in reducing the effects of fading, atmospheric disturbances and interference.

Directional transmission and reception.

Increase of the range of service of broadcasting stations through development of higher power.

Development of underground antennae which may increase distance and at same time eliminate static, fading and interference.

Advances in receiving sets, such as higher selectivity, simplicity of tuning, and the elimination of batteries through use of current supplied by electric lighting systems.

#### Big Developments

Here are opinions of Washington experts and inventors in regard to the most conspicuous developments of 1924 and the most conspicuous developments anticipated for 1925:

Dr. J. H. Dellinger, chief of Radio Laboratory, Bureau of Standards: "My idea of the outstanding achievement in radio research during the past year is the development of the radio frequencies, 2,000 to 20,000 kilocycles. Great steps have been taken in clearing the understanding of the process by which these high frequency waves are transmitted. On account of the relatively small degree of fading and the great distances covered by these waves (Turn to Page 7)

With Hands That See



A HIGHLY DEVELOPED SENSE OF TOUCH HAS COMPENSATED IRVING THOMPSON, CHICAGO VETERAN, BLINDED DURING THE WAR, FOR HIS LOSS OF EYESIGHT. HE NOT ONLY BUILDS RECEIVERS, BUT INVENTS PARTS. THE PICTURE SHOWS HOW HE DOES IT, FOLLOWING THE LINES OF A COMPLETED SET WITH ONE HAND AND COPYING THEM WITH THE OTHER.

### THREE CLASS B STATIONS GIVEN LICENSES BY U. S.

New Class A Broadcasters Also Allowed to Enter Field.

By Times Special

WASHINGTON, Jan. 3.—Three stations have been granted licenses to come on the air as Class B. Two of these are new stations, while one was formerly in Class C. Three new Class A stations have also been licensed by the radio bureau. The new stations follow:

Class A	Wave Length	Power
Call Owner and Location		
KFUD—Hoppert Plumbing and Heating Co., Breckinridge, Minn.	242	50
WOCL—Hotel Jamestown, Jamestown, N. Y.	275	15
WORD—Peoples Pulpit Ass'n, Batavia, Ill.	278	500
Class B		
KTHS—New Arlington Hotel Co., Hot Springs, Ark.	375	500
WPG—Municipality of Atlantic City, Atlantic City, N. J.	296	500
Transfer Class C to B		
WNAC—The Shepard Stores, Boston, Mass.	230	500

Nineteen Class A and five Class C stations were discontinued during December, while during the same period twenty-four new stations were licensed. The discontinued stations follow:

Call	Station	Class
KDZR	Bellingham Pub. Co., Bellingham, Cal.	A
KPAY	W. J. Virgin, Medford, Ore.	A
KFBE	R. H. Horn, San Luis Obispo, Cal.	A
KFS	Trinidad G. & E. Co., Trinidad, Colo.	A
KFKZ	Nassour Bros. Radio Co., Colorado Springs, Colo.	A
KFOF	Rohrer Elec. Co., Marshfield, Ore.	A
KFFN	Mo. Nat'l Guard, Jefferson City, Mo.	A
KFFO	Mo. Nat'l Guard, Denver, Colo.	A
KFOK	Democrat Leader, Fayette, Mo.	A
KFOO	Meier Radio Shop, Russell, Kan.	A
KFRG	Cleveland High School, St. Louis, Mo.	A
KFRI	Keynolds Radio Co., Denver, Colo.	A
KGO	Haddock & Watson, Portland, Ore.	C
KJS	Los Angeles Bible Institute, Los Angeles, Cal.	C
KQP	Apple City Radio Club, Hood River, Ore.	C
WABP	Robert F. Weising, Dover, Ohio	C
WBI	T. & H. Radio Co., Anthony, Kan.	A
WBU	DeLand F. & M. Co., Deland, Fla.	A
WIAB	Johnson Garage, Rockford, Ill.	A
WIAW	N. Y. Police department, New York, N. Y.	C
WPAB	Ward Battery Co., Deloit, Kan.	A
WQAF	Sandusky Register, Sandusky, Ohio	A
WQAX	Radio Equipment Co., Peoria, Ill.	A
WRI	Union College, Shenectady, New York	C

#### Battery Switch

By attaching a binding post cap to a switch stop and plugging it between two grooved switch points mounted near each other on the panel, you have a good battery switch.

#### Attention

THE Indianapolis Times Radio Section is published every Thursday as a regular feature. The Times is also publishing daily a complete hour by hour radio program. It is the earnest desire of The Times Radio department to furnish the radio fans of Indianapolis the most up-to-date and complete radio news and programs at all times. Your letters and comments are earnestly solicited. This department would like to hear from some of you DX fans, send in your records we will be glad to publish them. Get busy. Who is the champion DX fan of Indianapolis?

## Radio HOUR by HOUR

THE CONVENIENT PROGRAM FOR THE RADIO FAN. KNOW WHAT'S IN THE AIR ANY HOUR. TIMES PROGRAMS START DAILY AT 5:30 P. M. AND CONTINUE FOR TWENTY-FOUR HOURS.

(ALL CENTRAL STANDARD TIME)

### Today's Best

Copyright, 1925, by United Press.  
WJY, New York (405 M); WRC, Washington (469 M) and WGY, Schenectady (389 M), 8:30 P. M., EST—Organ recital by Marcel Dupre.  
KGO, Oakland (312 M), 8 P. M., PCST—"Lady Windemere's Fan," by KGO players.  
WCCO, Minneapolis-St. Paul (417 M), 10 P. M., CST—Orchestral Art Association.  
WEAF, New York (492 M), 7:40 P. M., EST—Cathedral of Incarnation Choir.  
WJAX, Cleveland (390 M), 8:30 P. M., EST—Concert program.

### Radio Programs

5:30 P. M.—KDKA (326), East Pittsburgh—Dinner concert, WBZ (337), Springfield, Mass.—Dinner concert, WCAE (432), Pittsburgh—Dinner music, WCCO (517), Minneapolis-St. Paul—Children's hour and dinner concert, WFI (395), Philadelphia—Davis Orchestra, "Sunny Jim," WGN (370), Chicago—Sketch time, organ, WGY (380), Schenectady—Dance music, Ten Eyck Trio, WOR (465), Newark—"Music While You Dine," resume of sports.  
6:00 P. M.—WCR (517), Detroit—Musical program, WDAF (411), Kansas City, Mo.—World travel talk, Story Lady, Trianon Ensemble, one hour, WEI (303), Boston—Big Brother Club musicale, WIP (509), Philadelphia—Uncle Wip, WMAQ (447.5), Chicago—Theater organ, La Salle Orchestra, WOAW (526), Omaha—Every child's story hour, WRC (469), Washington—Peggy Albion stories.  
6:05 P. M.—WBZ (337), Springfield, Mass.—Bedtime story.  
6:15 P. M.—KDKA (326), East Pittsburgh—Children's hour auto talk.  
6:30 P. M.—WCAE (432), Pittsburgh—Uncle Kaybee, WDAE (395), Philadelphia, Dream Daddy, WGN (370), Chicago—Drake Ensemble, Mackstone Quintet, WJY (465), New York—French lesson, WLS (345), Chicago—Organ, WNYC (526), New York—Police alarms, WOAW (526), Omaha—Dinner concert, WOC (509), Philadelphia—Sports, police reports.  
6:35 P. M.—KYW (536), Washington—Bob, dinner concert.  
6:45 P. M.—WTAY (286), Oak Park, Ill.—Studio artists, one hour, WEI (303), Boston—Musical, WGY (380), Schenectady—Book Review, WGY Orchestra, WOAW (526), Omaha—Randall's Royal Orchestra.  
7:00 P. M.—CNRM (430), Montreal—Musical program, KDKA (326), East

Pittsburgh—National Stockman program, music, WEBB (370), Chicago—Songs, Oriole orchestra, WPI (305), Philadelphia—Boy Scout Corps quartet, two hours, WHK (283), Cleveland—Program, two and one-half hours, WIP (520), Philadelphia—Timely talk for motorists, WJAX (390), Cleveland—Musical program, WJY (405), New York—Vocal, WOC (484), Davenport, Iowa—Sandman's visit, WLS (345),

### Concert Music

6:00—WMAQ.  
6:30—WGN—WLS.  
6:45—WTAY—WGY.  
7:00—CNRM—WEBB—WHK—WJAX.  
7:15—WBZ.  
7:30—KFNF—WBAP—WHAS.  
7:45—WGY.  
8:00—WBCN—WCBF—WGN—CNRW.  
8:30—KTHS—WFAA.  
9:00—WCAL—WEBB—WOC.  
9:30—WBAP.  
10:00—KDKA—KFI—WCCO—WQJ.

Chicago—Lullaby time, WQJ (448), Chicago—Dinner quartet, WBAO (294), Columbus—Chimes.  
7:15 P. M.—WBZ (337), Springfield, Mass.—Musical program.  
7:30 P. M.—CNRM (425), Montreal, Quebec—Prince of Wales Minstrels.  
7:30 P. M.—KFNF (286), Shenandoah, Iowa—Musical program, WBAP (476), Fort Worth—Texas Christian University program, WBCN (266), Chicago—Stories, WCAE (462), Pittsburgh—California orchestra, WCCO (417), Minneapolis—St. Paul—Feed talk, health talk, WGBS (316), New York—Foot light and lamp light music, WGR (319), Buffalo—Central Railway Club, Dinner, WHAS (400), Louisville, Concert by Mrs. Harmon, WNYC (526), New York—Concert, WCX (517), Detroit—Musical program, WGY (380), Schenectady—Organ recital by Marcel Dupre.  
8:00 P. M.—KFEB (286), Milford Kan.—KFEB Orchestra lecture, KYW (536), Chicago—Twenty minutes of good reading, WBCN (266), Chicago—Classical concert, one hour, WCBF (345), Zion, Ill.—Mixed quartet, WEBS (303), Boston—Gillette's Dance Orchestra, WGN (370), Chicago—Classic hour, WJY (405), New York—Dance program, WBB (411), Kansas City—Musical program, WMO (500), Memphis—Bedtime stories, Uncle Jerry, WSB (429), Atlanta—Concert, WTAS (286), Elgin, Ill.—Orchestra, songs, four hours, CNR (450), Winnipeg—Studio program.

### Talks Today

5:30—WCCO—WOR.  
6:00—WDAF—WEEI—WOAW—WRC.  
6:30—WCAE—WDAR—WOO.  
7:00—KDKA—WIP—WOC.  
7:30—WCCO.  
8:00—KFEB—WMC.  
9:00—WMAQ—WOAW.  
9:20—KYW.

8:30 P. M.—KYW (536), Chicago—Musical program.  
8:30 P. M.—WFAA (476), Dallas—Davenport's Orchestra, one hour, WMO (500), Memphis—Hotel Chicago Orchestra, KTHS (375), Hot Springs—Concert.  
9:00 P. M.—WBCN (266), Chicago—Jamboree, three hours, WCAE (462), Los Angeles—Song recital, KFI (439), Los Angeles—Studio artist, KGO (312), Oakland—Four-act play, "Lady Windemere's Fan," KHJ (395), Los Angeles—Musical program, two hours, KYW (536), Chicago—"At Home" program, WOC (417), Minneapolis-St. Paul—Orchestral Art Association, WGBS (316), New York—Music from Piccadilly Theater, WGN (470), Chicago—Jazz Skamper, one hour, WQJ (448), Chicago—Pianologs, songs Rainbo Orchestra.  
10:05 P. M.—WIP (509), Cleveland—Marcel Dupre's Orchestra.  
10:30 P. M.—WDAW (526), Omaha—Woolfrolle, WCAE (266), Milwaukee—Arcadia Ballroom Orchestra, songs, WGY (380), Schenectady—Organ recital.  
10:45 P. M.—WBB (429), Atlanta—Organ vocal.  
11 P. M.—KFI (469), Los Angeles—Program, one hour, WEBB (370), Chicago—Baritone soloist, orchestra, one hour, WFAA (476), Dallas—Hotel Adolphus Orchestra, one hour, WBN (380), New York—Parody Club Orchestra, one-half hour, WOC (484).

(Turn to Page 5)