

In the Radio Editors Mail



Radio Editor Times:

Can you tell me what nights the new station just opened at Denver, Colo., is on the air? What are the call letters, wave length and power used.

ROY FRAIZER.

This station is operated by the General Electric Company. The call letters are KOA. This station operates on 323 Meters, has 1,500 watts of power and broadcasts regular musical program every Monday, Wednesday, Friday and Saturday evenings, starting at 9 p. m. central standard time. Church services are broadcast every Sunday evening at 8:45. This station went on the air Dec. 15, 1924.

Radio Editor Times:

Can you tell me why WEAJ stopped broadcasting in the middle of the Vincent Lopez dance program last Thursday evening, Jan. 1? The announcer broke in on the program and made some kind of an announcement that I did not understand.

AN INTERESTED FAN.

This program was stopped on account of the engineers at WEAJ receiving an SOS call from the burning steamship Mohawk. It is the unwritten law of the air that all broadcasting shall cease the minute an

Music Hour

The next Brunswick hour of music is scheduled to be broadcast Tuesday, Jan. 13, at 9 p. m. central time. This program will be broadcast through stations WJZ, New York; WGY, Schenectady; KDKA, Pittsburgh; KYW, Chicago; KFKX, Hastings, Neb., and WRC, Washington. It is not known at present just what artists will appear on this program. The Indianapolis Times hour by hour radio programs of Jan. 13 will carry complete information on the above program.

SOS is received. All principal broadcasting stations employ a man whose sole duty it is to listen in during the broadcasting of programs for these calls.

Heard Under Ground

Coal miners at Lincoln, Ill., took a receiving set with them 250 feet below the earth's surface and listened in on a program from station WCCO at St. Paul and Minneapolis.

Tax on Business

Before any one can start a radio factory in Germany he must pay the government 2,500 marks. Part of this is the administrative fee, while the rest goes to big radio firms holding master patents.

Canada is rivaling Italy in the manufacture of macaroni.

New Freshman Receiver Is Popular With Radio Fans

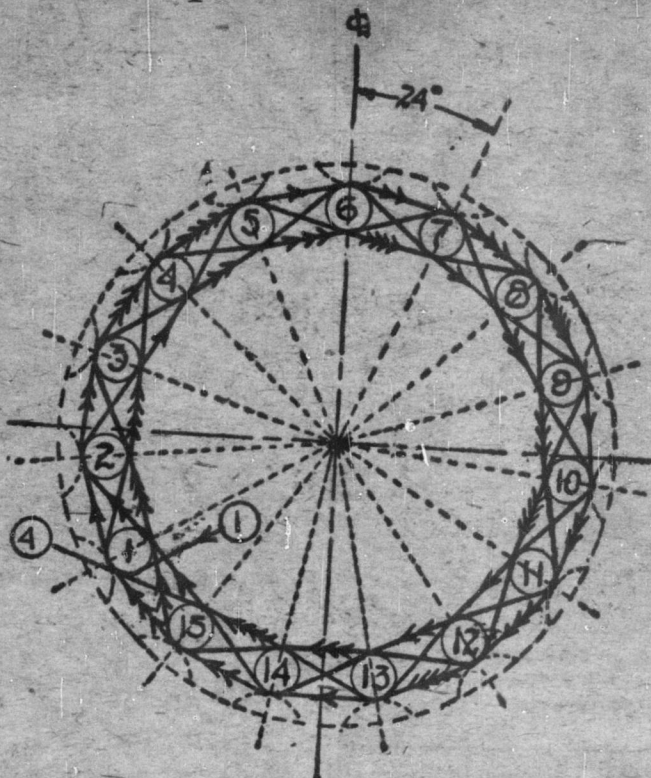


DIAGRAM SHOWING COIL WINDINGS

WHAT will be the favorite circuit this coming season is a question asked by many interested in radio. The replies from some seem to say super-heterodyne is bound to be it; others claim much for the multi-tube reflex circuits and say their economy is a point which is much sought for by all; still others claim a form of tuned radio frequency receiver, somewhat on the order of the neutrodyne, but without its bad features, will take the country by storm.

It goes without question that last season was a neutrodyne season and they performed very well when it is considered that in the great majority of cases the sets were being operated while improperly neutralized.

Manufacturers have realized that present methods of neutralization left much to be desired. It could not be done by the average man; an attempt would be made, but the job was seldom finished to his satisfaction. The feeling that it wasn't exactly right was ever present, and the feeling was usually right.

Neutralizing by means of compensating coils is being used with much satisfaction, and the process is truly a simple one, and now comes a receiver employing two stages of tuned radio frequency, detector and two stages of audio frequency amplification, but without any compensating condensers or coils—in the talk of the radio shop, nothing to fuss with.

This new receiver is known as the Freshman Masterpiece and was developed by A. W. Franklin, chief engineer of the Charles Freshman

Company, New York City. This receiver utilizes specially designed coupling coils, wound in such a manner so as to reduce capacities and losses to a minimum, and has a close coupling between the primary and secondary windings which prevents or reduces oscillations to a minimum. Previous forms of tuned radio frequency receivers used a comparatively loose coupling, which had a tendency to make the set oscillate.

In tuning the set it is best to set the two dials, which should be of vernier type, in the radio frequency circuit to the highest point usually used, and then try tuning in a station by turning the first dial, which is in the aerial circuit, slowly until the station is heard. If there is no station broadcasting on that wave the two dials should then be turned down two divisions and the antenna dial again moved to within approximately ten divisions of the same setting. It will be noticed the scale readings on all three dials are approximately the same on the various wave lengths.

Once a station is logged it may always be brought in on the same dial setting by referring to the log furnished with the receiver.

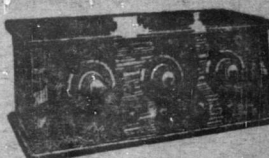
What Radio Men Are Saying

I believe we are going to be able to overcome static and fading to a great extent. I believe in the next few years it will be done.—Alfred N. Goldsmith, prominent radio engineer.

Like the telephone, the automobile, the motion picture, radio has passed beyond the stage of being merely an instrument of enjoyment for those who can afford it. At its present rate of progress, radio is approaching the point where it will be regarded as a public utility.—William H. Priess, radio engineer.

It will be a bad thing for radio as a whole to be subject to detailed laws and regulations which cannot be changed except through international agreement or other act of Congress. Through the annual national conferences a means is afforded for the radio industry to become self-regulating to a very high degree.—George S. Davis, general manager, radio telegraph department, United Fruit Company.

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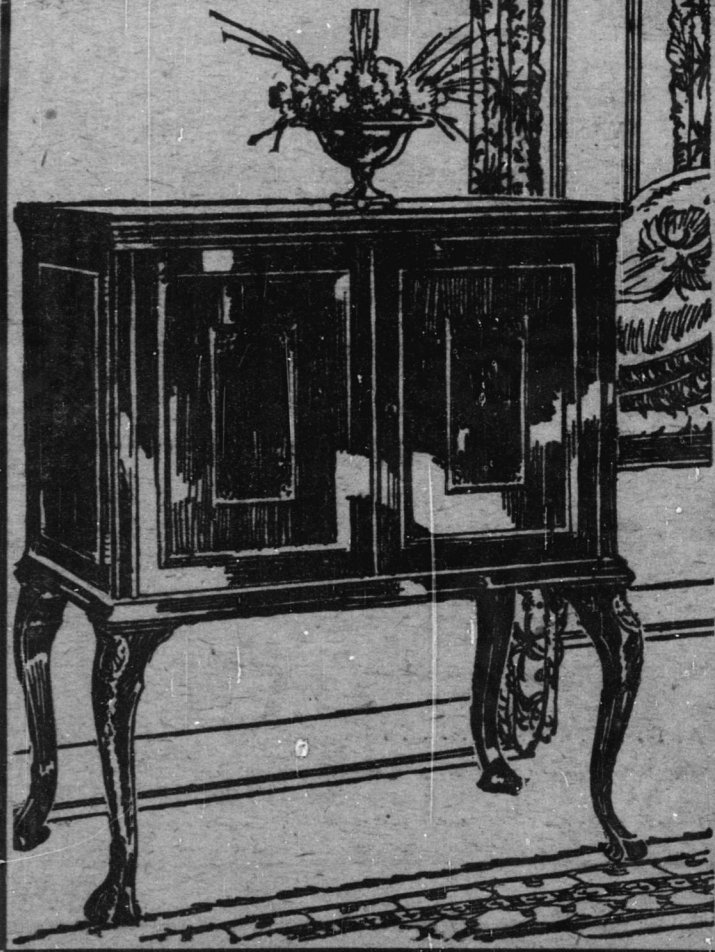
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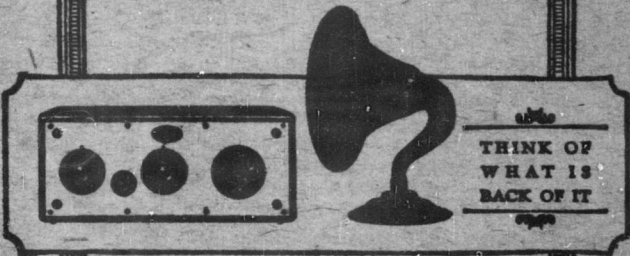


J. Lewis Reid, above, is known to radio fans through both WJZ and WJY, at New York. Before he became a radio announcer Reid had extensive theatrical experience. He has produced and directed several successful productions. This experience enables him to suit his introductions to the types of features that follow.

ATWATER KENT RADIO

IN RADIO, perhaps more than anywhere else, efficiency increases as complications are eliminated. That is why ATWATER KENT Radio is winning more and more friends each day. It is so beautifully simple.

With this simplicity come wonderful volume, tone quality, distance, selectivity and ease of operation—results that will give you a new conception of radio performance.



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