

# WAMD, New Station Dedicated to Jazz, Makes N. W. Bow Tonight

## WCCO SUPERPOWER PLANT OPENS WITH INAUGURAL MARCH 4

5,000 Watt Station Will Start Broadcasting From New Studio  
WAMD Will Send Only Dance and Popular Music—"Midnight Frolics" Sunday, Wednesday

Builders of the new station WAMD announced plans which call for:  
Broadcasting only of dance music and popular songs, with all classical music excluded.  
Popular musical programs daily except Monday, from 10 to 12 p. m., and Sunday from 2:15 to 3:30 p. m.  
"Midnight frolics" programs Sunday and Wednesday at 12:15 a. m.  
The new station has two studios, one at 7 West Grant street, the other at the Marigold Gardens dancehall. Eleanor Ackerman of Omaha, singing comedienne, and Gale Woods, Des Moines, Iowa, pianist, will take part in tonight's opening program, from the West Grant street studio, followed by dance music broadcast from remote control from the Marigold Gardens dancehall.  
21 Stations to Send Inaugural  
W. G. Russell will have charge of the station, as chief operator, assisted by a staff of six operators and announcers.  
The station opens under an agreement with WCCO to "listen in" on the air with "national hookup" programs of the type of the Coolidge inauguration.  
Twenty-one radio stations in all parts of the United States, including WCCO, will broadcast the inaugural ceremonies, and plans have been made to have 200,000 Minnesota school children dismissed from classes, so as to listen in, while Mayor George E. Leach announced last night that he had completed arrangements by which the radio receiving sets, loudspeakers and other equipment will be installed in the courthouse lobby March 4, so that Minneapolis citizens may "listen in on Washington."  
Microphones will be set up on the inauguration platform in Washington, and the program will be set out by long distance telephone to 21 stations, of which 18 are a part of the national hookup which includes WCCO. Three stations, WJIC of Washington, WJZ of New York and WGY of Schenectady, will broadcast independently of the hookup.  
Broadcasting Starts at 10:15 a. m.  
Stations in the national hookup, any one of which may be heard in the northwest, will include: WJAF, New York; WEEI, Boston; WJAR, Providence; WTRC, Hartford; WGO, Philadelphia; WCAE, Pittsburgh; WGR, Buffalo; WEAR, Cleveland; WJW, Cincinnati; WJWJ, Detroit, Mich.; WMAA, Chicago; WDAP, Kansas City, Mo.; WHO, Des

Moines; WSB, Atlanta; KFI, Los Angeles; KJO, San Francisco; KUN, Oakland, and WCCO.  
Broadcasting will start at 10:15 p. m., central standard time, beginning with a short description of the setting, followed by a short concert by the United States Marine band. A trumpeter will call the assembly to order at 10:58 a. m., and justices of the Supreme Court, led by Chief Justice William Howard Taft, will mount the platform, followed by cabinet members and President Coolidge.  
The date of office by the President will be taken at 11 a. m., Minneapolis time. The inaugural address by President Coolidge will next be broadcast, and the Marine band will play at the end of the services.

### Open Windows Bad For Radio Outfit

Never let the radio set stand before an open window. It might rain, and the set would be damaged if it were to get wet. Even if the set were not touched by the water itself, it might be damaged by the moisture carried in by the atmosphere.

### REVERSING TICKLER LEADS CONSIDERED

Method Resorted to When Regenerative Sets Refuse to Oscillate Properly

It sometimes happens that after a regenerative receiver which uses a feedback "tickler" coil has been built that it does not regenerate. The most frequent cause for this is the tickler leads being reversed. In other words, instead of a positive feedback, a negative feedback is present.  
Under these conditions it is impossible for the receiver to regenerate. Upon reversing the leads to the tickler, the feedback from the tickler circuit aids the current in the grid circuit and increased signals result.  
Even after the tickler has been correctly connected, the receiver sometimes refuses to regenerate. A by-pass condenser having the

proximately .001 mfd connected across the head phones or audio-transformer and the "A" and "B" batteries will usually solve the problem.  
If no regeneration is secured, after the above procedure has been tried, or if the set does not oscillate at the higher waves, increasing the "B" battery on the detector plate will usually give regeneration over the full range. It is often the case that the proper value of the grid leak has not been chosen. When too low a resistance is used, regeneration is prevented. With some detector tubes regeneration may be aided by wrapping the grid and plate leads together for a short distance. This increases the tube capacity.  
With reflex receivers, which depend upon mild regeneration, it is sometimes impossible to get any regeneration at all. The use of a "C" battery on the amplifiers usually will allow the tubes to oscillate and then they can be controlled by suitable methods. Reversing the leads to the primaries of the radio-frequency transformers may also give the desired regenerative effect.  
There are 651 business establishments owned or operated by Negroes in Chicago.

### Parts of Set Work Well When Shined

The parts of a radio set work best when they are bright. A dull surface usually means that corrosion has taken place, which offers resistance to high-frequency radio currents. As radio currents travel on the surface, it may pay to brighten the parts of the set sometimes.

### String and Metal Make Piano Good Aerial

A piano makes an excellent indoor aerial, and, although the idea may be new to many fans, it is not so. An every one knows, the piano has a mass of strings and metal which is insulated from the ground. Although this collector is not so large as an outside aerial, it certainly gives a good surface to the incoming waves as compared to "small loops" which are strung the

series inside the apartment, and this is usually unsightly.  
The fact that the piano makes a good collector is overlooked by fans. Although the same reception cannot be secured with the piano as would be had with an outdoor aerial, it gives good results.

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Twin City Pupils to Listen In  
The city's boys, girls, public and parochial schools will spend classes March 4 from 7:30 a. m. to 12 p. m., to permit pupils to "listen in" on WCCO's live broadcasting of the inauguration of the new President, which also will include WAGO's mammoth new broadcast. In accordance with the announcement last night that WCCO's broadcasting plant, northeast of Minneapolis near Arka, is approaching completion.

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