



FIG. 13. WHIO's main AM studio. Walls are covered by perforated asbestos board which covers acoustical materials of various densities chosen to provide an ideal frequency curve. Smaller AM studio can be seen through window at left and AM control room through window at rear.

RADIO SECTION OF THE WHIO STUDIO BUILDING

Considerable thought was given to the arrangement of the radio section of the WHIO building. The aim was to provide maximum convenience and flexibility and yet insure efficient economical operation. The plan finally decided upon includes a master control room around which are grouped two studios, an announce booth and an equipment room. The studios are 21 feet by 33 feet, and 15 feet by 20 feet. The announce booth is 8 feet by 11 feet.

The equipment is arranged so that studio "B" in addition to serving as the announce and turntable studio, may be used

as an auxiliary control room. The announcer may control microphones in studio "A" as well as his own mike and turntables, or the main control room may be used for either or both studios in conventional manner. This arrangement provides maximum flexibility for all requirements.

The small announce booth off the main control room is designed for transcribing short spot announcements and other miscellaneous types of speech that are frequently required in a radio operation. Delayed disc jockey programs may also be transcribed from this booth.

An RCA BCS-11A switcher is installed in the main control room. It is used to feed independent or simultaneous programs to the AM transmitter, FM transmitter and recording equipment. An RCA BC-2B console is used in conjunction with this switcher. The operator sitting at the master control position can look directly into both studios and the announce booth. Equipment racks are built into the wall between the control room and the equipment room. This concentration of all AM operations in one close-knit unit provides for maximum efficiency and convenience.



FIG. 14. AM Master Control Room in new WHIO Studio Building. The three AM studios are grouped about this control room so that there is direct visual communication between all three and the control room. An RCA BC-2B Console and RCA BCS-11A Switcher provide flexible facilities with a high degree of operating efficiency.

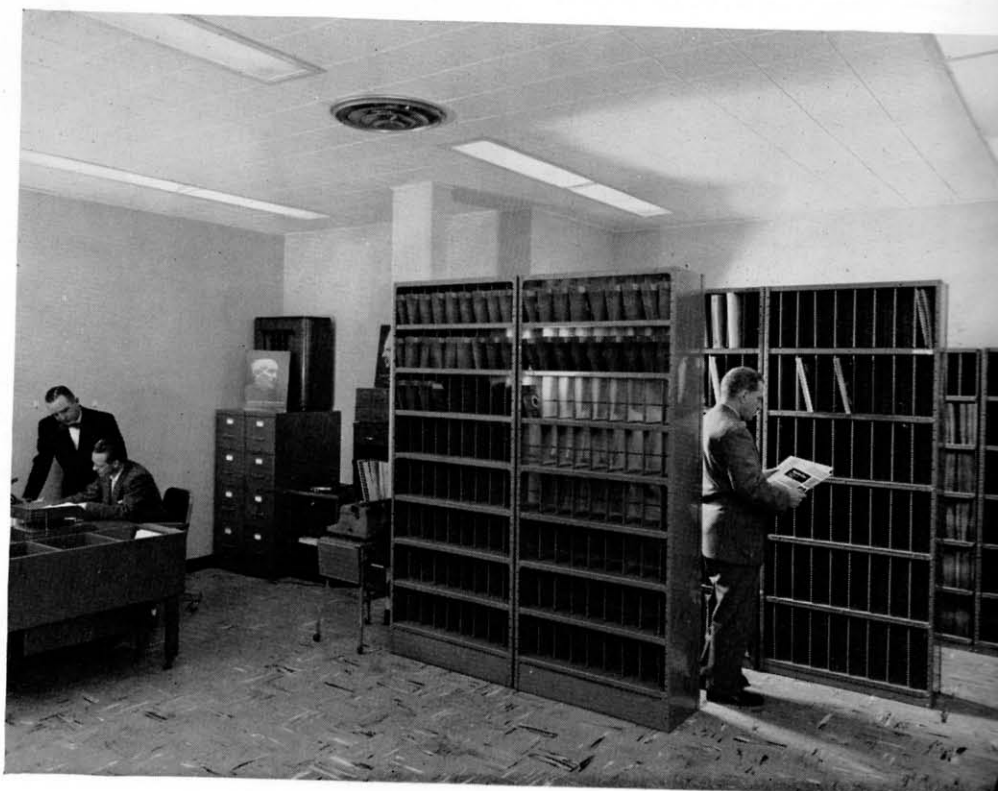


FIG. 15. This well-equipped music room is typical of a number of WHIO facilities which serve both AM and TV. Located on the corridor between AM and TV operation areas this room contains record racks, filing cabinets, a turntable, and two small soundproof listening booths (just out of sight on the right).