



FIG. 45. Master control room of WBT looks into the three radio studios through conveniently placed windows. Master console includes a separate control panel for each studio plus terminal and switching facilities. Studio B (center) is a d.j. studio, equipped with four RCA Type 70-D Turntables and one announcer's control box.

FIG. 46. Not only are the technical operations of WBT-WBTV centered in one area but, for convenience, the whole area is made visible by conveniently placed windows. In this view, from Studio C, can be seen the recording room (left); the radio control room, and beyond it the tv control room (center); and Studios B and A (right).



WBT Radio Studios

Although the tv studios in the WBT-WBTV Building occupy the largest space, the radio operation has not been neglected. In fact the space given to radio, and the care with which the facilities have been planned, is fresh evidence of the resurgence of radio broadcasting.

The studios and control facilities of WBT have been arranged to provide maximum convenience and efficiency for the type of radio operation which has come to the fore in the past few years. This means emphasis on d.j. and news-type programs, centralized operating control and maximum provision for recording.

WBT has three radio studios which are grouped around a central control room (see Fig. 16, Pg. 43). Studio C, the largest, is 26 feet by 28 feet; Studio A is 18 feet by 28 feet. Studio B, a strictly news and d.j. studio, is 11 feet by 14 feet. All three studios have isolated floors and floating walls and ceilings, affording a high degree of sound isolation. Sound locks are provided at all doors. Entrance to all studios is directly from the corridor so that talent or announcers need not enter the technical area.

The WBT radio control room is built so that an operator sitting at the master control position can see into all three studios (Fig. 45). The radio master console was designed by WBT engineers and custom-built by another manufacturer. It is U-shaped and has a separate control panel for each studio. An operator sitting at any of these three control positions faces directly into the studio with which that panel is associated.

Recording of programs, both for auditioning and for delayed playback, is an increasingly important aspect of radio station operation. WBT engineers planned their recording facilities with this in mind and the resulting installation is a model of convenience and flexibility, providing for almost any conceivable requirement.

The recording room is located directly off of the master control room (Fig. 47) and adjacent to Studio C, which it looks into through a conveniently placed window (Fig. 16, Pg. 43). In the recording room is an audio control panel (similar to those in the master console), which can be used to control operations in Studio C. This makes it possible to produce a program in Studio C and record it completely independent of master control. Recording equipment includes two RCA Type Disc Recorders and four console-type tape recorders. Each recorder has its own monitor for playback.



FIG. 47. Another view of WBT radio control room, showing direct access to recording room (top right). Recording equipment can be operated independently or by push-button control from master.

FIG. 48. Interior of the WBT recording room. Control console, at left, faces into Studio C and may be used to control a program originating in this studio independent of master control.

