

SETTING UP AUTOMATIC TUNING

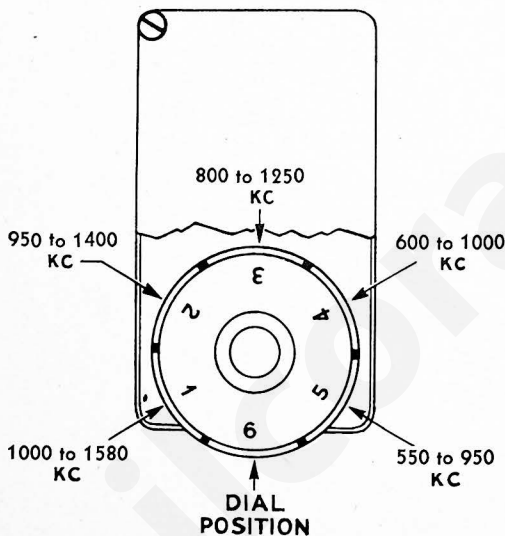
MODEL L-1660

INSTALLING CALL LETTERS IN THE "AUTOMATIC" DIAL—

1. Remove the Automatic Dial Assembly from the Control Unit (Upper Unit). Lifting up on the back end of the unit will free it from the spring clips after which it may be pulled out.
2. Push the small push button (Automatic Station Selector) on this unit until the No. 6 section of the dial is at the front as shown in Dial View below. (The Radio must be turned on for the dial to operate.)
3. Select and remove from the Call Letter sheets the station Call Letter tabs of five popular stations received in that area and that come within the range of each position of the dial as shown in Dial View below. Reference to the local newspaper will be helpful.
4. Push the Automatic Station Selector and the No. 1 section of the dial will be in front. Insert in this section the call letters of the station having the highest kilocycle frequency (1000 to 1580 K. C.), also one of the colored tabs in back of the call letters.
5. Push the Automatic Station Selector button again and No. 2 section will be in front. Insert in this section the call letters of the station having the second highest kilocycle frequency.

Example—A station operating on 1500 K.C. in the No. 1 section.
A station operating on 1320 K.C. in the No. 2 section.

6. Proceed in a like manner until all five station call letters are inserted in the dial in the order of their frequency. Replace the dial assembly in the Control Unit.



PHANTOM VIEW OF THE AUTOMATIC-DIAL SHOWING POSITIONS ON DIAL AND FREQUENCY RANGE OF EACH

7. After all adjustments have been made so that stations are tuned in automatically as their call letters appear in the Automatic Dial window REPEAT the adjustments just made to be sure they were accurate, as the results had will depend upon the care taken with these adjustments.

SETTING UP THE RECEIVER FOR AUTOMATIC TUNING —
Each pair of Automatic adjusting screws must be adjusted to the station whose call letters have been inserted in the Automatic Dial.

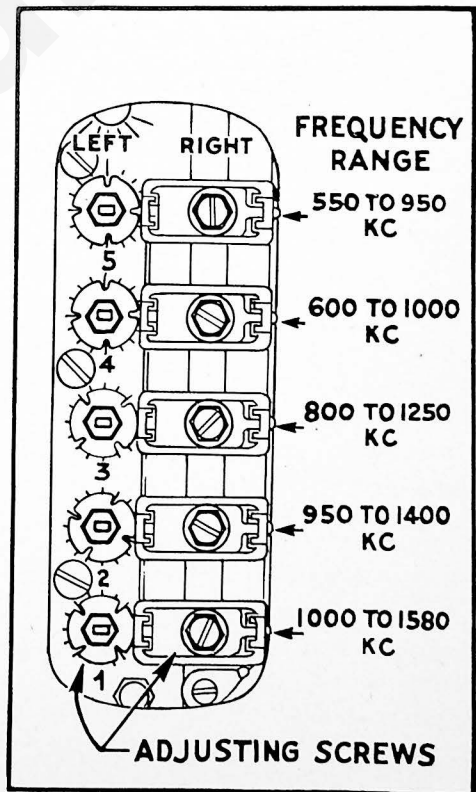
Before these adjustments are made it is NECESSARY that the radio be turned on for TWENTY minutes.

Check the "DIAL" position of the Automatic Dial. If stations cannot be tuned in with the Manual Tuning Control when "DIAL" is at the front, push the Automatic Station Selector until a position is found where stations may be tuned in manually. Synchronize the Automatic Dial to the radio by first removing the Automatic Control Cable from its socket on the radio. Then push the Automatic Station Selector until "DIAL" is at the front. Replace the cable in its socket on the receiver.

Check the Manual Tuning Dial to see if stations are received at the right frequency. If not, tune in a station whose frequency is known and while holding the manual tuning control, turn the dial around to the correct frequency with the finger or the rubber on the end of a lead pencil.

ADJUSTING AUTOMATIC ADJUSTING SCREWS —

1. Remove the small cover plate on the front of the Receiver housing by prying off with a screwdriver. This makes accessible the five pair of screw adjustments for aligning the circuits to the stations for automatic tuning.
2. With the Automatic Dial in "DIAL" position tune in the station whose call letters are in the No. 5 position (lowest frequency) on the dial and note the program.
3. Press the Automatic Station Selector until the call letters of this station are at the front.
4. With a small screwdriver, turn the No. 5 screw (see illustration) in the left row either left or right until the same station is tuned in. Then turn the screw in the right column either left or right for maximum volume.
5. Return to "DIAL" with the Automatic Station Selector and tune in with the manual control, the station whose call letters are in the No. 4 position on the Automatic Dial and note the program. Then push the Automatic Station Selector until this station's call letters are at the front. Adjust the No. 4 set of adjusting screws to this station.
6. Proceed in like manner until all five sets of adjusting screws have been adjusted to the stations whose call letters have been set up on the Automatic Dial.



VIEW OF AUTOMATIC ADJUSTING SCREWS