

# SETTING UP AUTOMATIC TUNING

## MODELS P-1630 and P-1635

### MODEL P-1630

1—First turn on the Receiver and allow it to operate for twenty minutes before making the adjustments. During this interval proceed with the other operations as follows:

2—Select and remove from the printed call letter sheet, call letters of six popular stations received in the area in which the radio is to be operated. Select the stations within the range of each button as shown in Illustration for Model P-1630.

3—Remove the knobs, gland nut covers and gland nuts. Loosen the two end mounting screws so the control assembly may be moved back to remove the bezels. Remove the bezel plates. (If the set is not yet installed, disregard the above).

4—Remove Chrome Caps from Push Buttons by pulling off. Insert a celluloid window and a call letter in each cap and install on the buttons as follows:

The cap with the call letters of the station having the lowest kilocycle frequency, should be placed on the extreme left button (No. 6). The next highest frequency call letters in second form extreme left (No. 5 position). Proceed in like manner from left to right with the remaining call letters in the order of their frequency.

EXAMPLE—A station broadcasting on 600 K. C. on No. 6 button, 750 K. C. on No. 5 button, 1000 K. C. on No. 4 button, etc.

Push control head back in place. Apply bezels, gland nuts and cover, and knobs. Tighten end mounting screws.

5—Remove the small cover plate on the front of the Receiver housing by prying off with a screw driver. This makes accessible the six pairs of screw adjustments for aligning the circuits to the frequency of the stations selected for automatic tuning.

6—Push in the small button (See Figure 1) marked "RETURN TO DIAL TUNING" until the mechanism stops and the Receiver is operating with the conventional tuning knob. Place the tone lever in the brilliant position.

7—Tune in with the manual tuning knob the station whose call letters are in the No. 6 button. Note the program and push in this button. With a small screw driver turn the screw in the left row opposite No. 6 (See Illustration for Model P-1630) to the right or left until the same station is heard. Now adjust the screw in the right row opposite No. 6, for maximum volume. If in doubt about the correct station, push the "Return to Manual" button and recheck.

Continue the same procedure with No. 5, 4, 3, 2, and 1 buttons in this rotation, until all six stations whose call letters are on the buttons can be tuned in by pushing their respective buttons. Replace the cover plate.

The Receiver and control may be set up before being installed in the car, but FINAL adjustments must be made with the radio operating on the antenna in the car.

Be sure to save, and give to the owner, the unused call letters from the printed sheet as they may be required at a new location at some future time.

### MODEL P-1635

1—First turn on the Receiver and allow it to operate for TWENTY minutes before making the adjustments.

2—Select and remove from the printed call letter sheet, call letters of six popular stations received in the area in which the radio is to be operated. Select the stations within the range of each button as shown in Illustration, Model P-1635.

3—Remove the chrome caps covering the push buttons by prying them off gently with a small screw driver. Place the screw driver blade between the button face and rim of the chrome cap. Care must be taken not to bend the caps or lose the small piece of celluloid in each cap.

4—The buttons are arranged around the outer edge of the dial. The upper right button is No. 1, the middle button is No. 2, and the lower right button is No. 3. No. 4 is the lower left button, No. 5 is the middle button and No. 6 is the upper left button.

Place the call letter tab of the broadcast station having the lowest frequency in the No. 6 button cap and replace the cap

on the button. Put the tab of the station whose frequency is next highest, in No. 5 button cap and proceed in a like manner with the remaining buttons in a counter-clockwise direction.

EXAMPLE—A station broadcasting on 600 K. C. on No. 6 button, 750 K. C. on No. 5 button, 1000 K. C. on No. 4 button, etc.

5—Remove the small cover plate on the front of the Receiver housing by prying it off with a screw driver. This makes accessible the six pairs of screw adjustments for aligning the circuits to the frequency of the stations selected for automatic tuning. (See Illustration for Model P-1635).

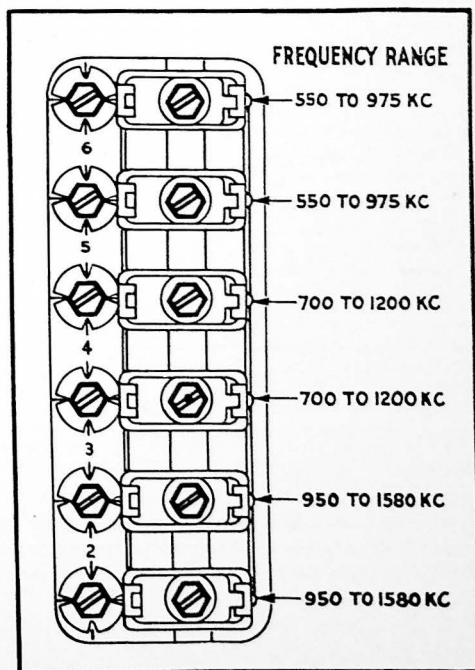
6—Push in the small round button marked "RETURN TO DIAL TUNING" until the mechanism stops and the Receiver is operating with the conventional tuning knob. Place the "Local-Distance" lever in the "DISTANCE" position and the tone lever in the "High" position.

7—Tune in with the manual tuning knob the station whose call letters are on the No. 6 button. Note the program and push in the No. 6 button. With a small screw driver turn the screw in the LEFT row opposite No. 6 (See Illustration for Model P-1635) to the right or left until the same station is heard. Now adjust the screw in the RIGHT row opposite No. 6 for maximum volume. If in doubt about the correct station, push the "RETURN TO DIAL TUNING" button and recheck.

Continue the foregoing procedure with Nos. 5, 4, 3, 2, and 1 buttons in rotation, until all six stations whose call letters are on the buttons can be tuned in by pushing their respective buttons. Replace the cover plate.

The Receiver and control may be set up before being installed in the car but FINAL adjustment must be made with the radio operating on the antenna in the car.

Be sure to save, and give to the owner, the unused call letters from the printed call letter sheet as they may be required at a new location as some future time.



ADJUSTING SCREWS AND FREQUENCY RANGE