

Setting Up Automatic Electric Tuning

Setting Up Automatic Tuning

MODELS 937X, 938KX, AR-7, AR-8

Turn on the radio and allow it to operate for twenty minutes or longer if possible. During this time, proceed as follows:

1. Remove the plate on the end of the radio which covers the adjusting screws. This is held by snap springs and can easily be pried off.

2. Select and remove from the station call letter sheets, five call letter tabs of the popular stations received in the area where the radio will be operated, selecting stations within the range of each button. Reference to programs published in the local newspaper will aid in the quick selection of the proper stations.

3. In Models 937 and 938 place the call letter tabs in the station selector buttons in the order of the station frequencies, with the call letters of the station of lowest frequency at the left.

Example: Place the call letter tab of station WFIL, whose frequency is 560 K. C., in the left button, and the call letter tab of Station WOR, whose frequency is 710 K. C. in the next button, always progressing from left to right.

In Models 937X, 938KX, AR7 and AR8 insert the numbered station indicating tabs in the station selector buttons. List the highest frequency station as 1, and so on down to the lowest frequency station, which should be 5. The range of each automatic tuning circuit in these models is given below:

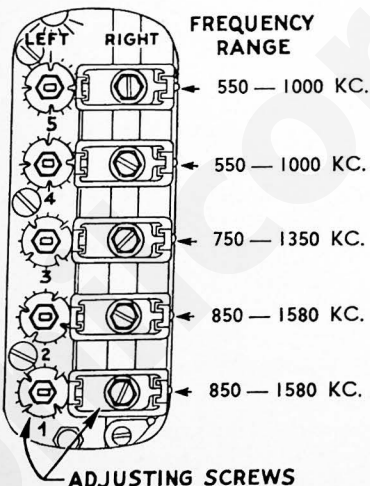
850 KC to 1580 KC	850 KC to 1580 KC	750 KC to 1350 KC	550 KC to 1000 KC	550 KC to 1000 KC
1	2	3	4	5

After the station tabs are inserted the following procedure is used in adjusting any of the above models.

4. Push in the last button — "Dial." This adjusts the Radio so that it can be tuned with the tuning control knob in the conventional manner.

5. Tune in with the dial tuning control knob, the station whose call letters are in the left selector button and note the program. Now push in the selector button corresponding to these call letters.

With a small screw driver, turn the top adjusting screw (number five) in the left column, to the right or left until the



ADJUSTING SCREWS AND FREQUENCY RANGE

same station is tuned in. Then adjust the corresponding screw in the right column, turning right or left until the maximum volume is obtained. If in doubt as to the station, push the "Dial" button and recheck. The adjustment on strong signals can be made best inside a shielded area such as in a reinforced steel building, or under a viaduct.

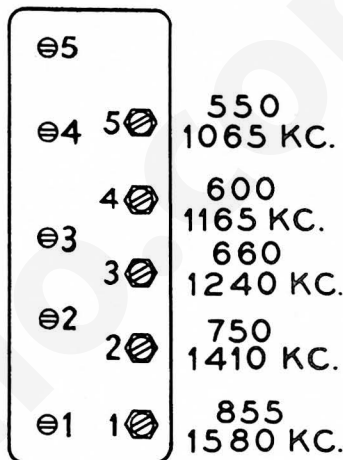
Continue the above procedure for each push button, working from left to right, and adjusting each pair of corresponding

MODEL AR-5

Turn on the radio and allow it to operate for twenty minutes or longer if possible. During this time, proceed as follows:

1. Remove the plate on the end of the radio which covers the adjusting screws. This is held by two screws.

2. Select five popular local stations whose frequencies come within the ranges of the five automatic tuning circuits, and list them on the Owner's Reference Label. List the highest frequency station as 1, and so on down to the lowest frequency station, which should be 5.



ADJUSTING SCREWS AND FREQUENCY RANGE

The range of each automatic tuning circuit is given below:

855 KC to 1580 KC	750 KC to 1410 KC	660 KC to 1240 KC	600 KC to 1165 KC	550 KC to 1065 KC
1	2	3	4	5

3. Push in the right knob until "D" appears in the station indicator window. This adjusts the radio so that it can be tuned with the tuning control knob in the conventional manner.

5. Tune in with the dial tuning control knob, the station having the highest frequency, and note the program. Now push in the right hand knob until No. 1 appears in the station indicator window.

With a small screw driver, turn the bottom adjusting screw (number one) in the left column, to the right or left until the same station is tuned in. Then adjust the corresponding screw in the right column, turning right or left until maximum volume is obtained. If in doubt as to the station, push the right knob until "D" appears and recheck. The adjustment on strong signals can be made best inside a shielded area such as in a reinforced steel building, or under a viaduct.

Continue the above procedure for the stations selected for Nos. 2, 3, 4, and 5 position in the given order, working from left to right, and adjusting each pair of corresponding adjusting screws from the bottom to the top until all five stations are set up. It is advisable to repeat the entire adjustment procedure to be sure the settings are correct.

The automatic tuning adjustments may be made before installing the radio in the car, but FINAL adjustments must be made with the radio installed and operating on the aerial in the car.

adjusting screws from top to bottom until all five stations are set up and are received correctly when their particular buttons are depressed. It is advisable to repeat the entire adjustment procedure to be sure the settings are correct.

The automatic tuning adjustments may be made before installing the radio in the car, but FINAL adjustments must be made with the radio installed and operating on the antenna in the car.