

PHILCO MODEL 014 WIRELESS STATION SETTER

CALIBRATING INSTRUCTIONS:

The Model 014 Station Setter is designed to take the place of standard broadcasting stations when adjusting automatic tuning radio receivers. Pressing any one of the eight push-buttons in the station setter turns the instrument on. The frequency ranges of these push-buttons are as follows:

No. 1, 2 and 3 540 to 1000 KC.

No. 4 and 5 650 to 1100 KC.

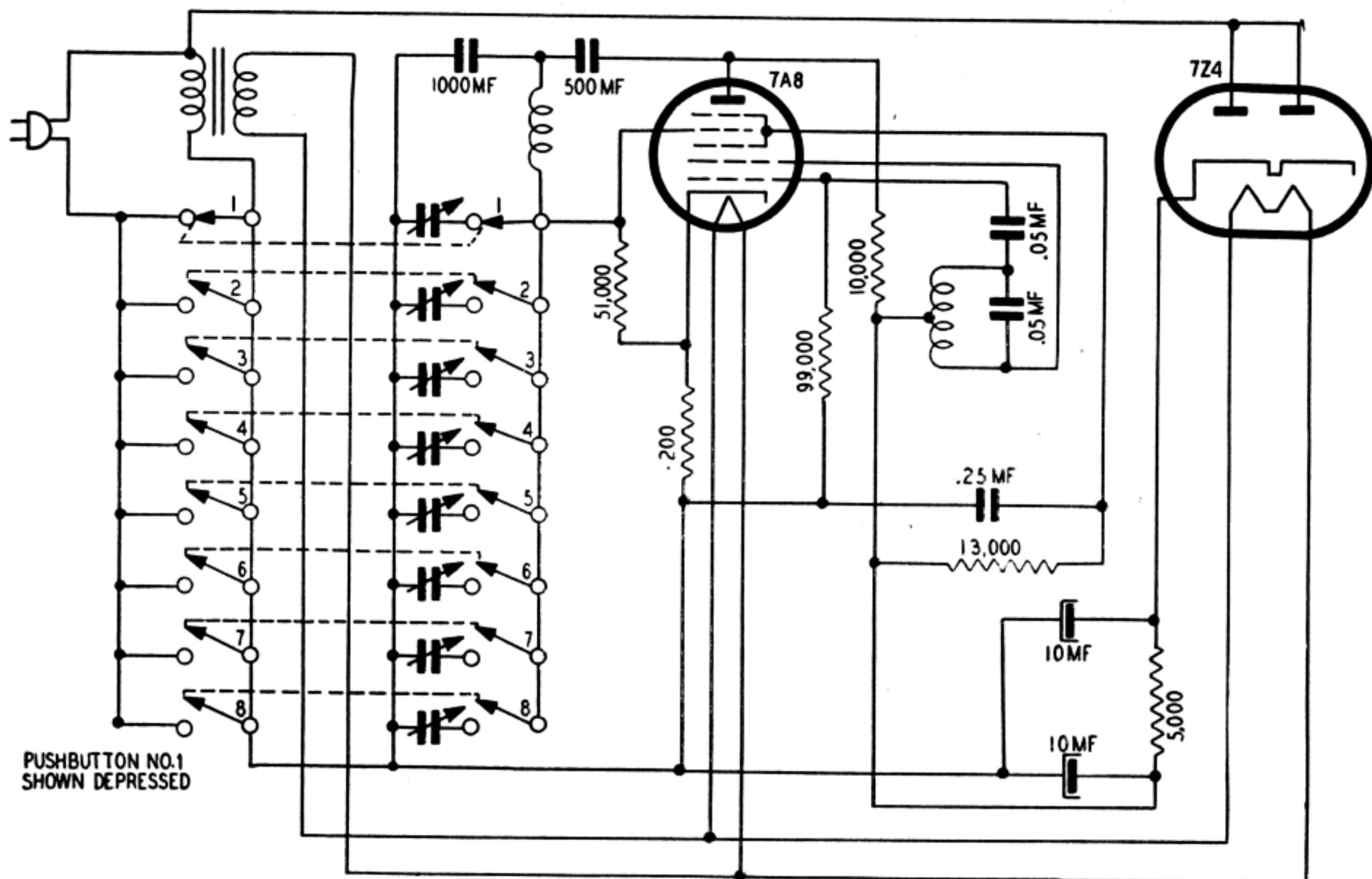
No. 6, 7 and 8 800 to 1600 KC.

NOTE—Push-button No. 1 is at the left.

To accurately adjust the station setter, it is recommended that the Model 027 Vacuum Tube Voltmeter be used in conjunction with a radio receiver of the eight-push-button type.

First set up the eight push-buttons on the radio using the vacuum tube voltmeter connected to the AVC circuit in the usual manner.

1. Insert tabs for stations desired on the station setter.
2. Leaving the vacuum tube voltmeter connected to the radio, place the station setter close to the loop aerial in the radio and press push-button No. 1. (15 minutes should be allowed for the station setter to reach maximum operating temperature.)
3. Adjust the compensator in the station setter opposite No. 1 push-button until the 400-cycle signal is heard. This signal will usually override the station program and will increase the vacuum tube voltmeter reading beyond the maximum produced by the station alone.
4. Adjust compensators for remaining push-buttons in same manner.



PHILCO MODEL 014 WIRELESS STATION SETTER (SCHEMATIC DIAGRAM)



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