



CAUTION: One side of the line is connected to chassis; DO NOT GROUND CHASSIS.
DIAL POINTER—With the tuning-condenser plates fully meshed, adjust the dial pointer to coincide with the index mark below 4.8 mc. on the SW scale.
SIGNAL GENERATOR—Connect the ground lead of an AM signal generator to the chassis, and the output lead as indicated in the chart. Use modulated output.

CONTROLS—Set the volume control to maximum. Set the band switch, tuning control, and signal-generator frequency as indicated in the chart.
OUTPUT METER—Connect across the voice coil.
OUTPUT LEVEL—During alignment, the signal-generator output must be attenuated to hold the output reading below 1.25 volts.

STEP	SIGNAL GENERATOR		RADIO			ADJUST
	CONNECTION TO RADIO	DIAL SETTING	BAND SWITCH	DIAL SETTING	SPECIAL INSTRUCTIONS	
1	Through a .05- μ f. condenser to rear section of tuning gang.	460 kc.	BC	540 kc.	Adjust, in order given, for maximum signal; then repeat.	TC4—2nd i-f sec. TC3—2nd i-f pri. TC2—1st i-f sec. TC1—1st i-f pri.
2	Through a 400-ohm resistor to aerial lead.	18 mc.	SW	18 mc.	Adjust for maximum.	C3B—SW osc.
3	Same as step 2.	16 mc.	SW	16 mc.	Adjust for maximum.	C3A—SW aerial
4	Through a 200- μ f. condenser to aerial lead.	1500 kc.	BC	1500 kc.	Adjust for maximum while rocking tuning gang.	C4B—BC osc.
5	Same as step 4.	600 kc.	BC	600 kc.	Same as step 4.	C4A—BC osc. (series)

SPECIFICATIONS

CABINET Bakelite Table Model
 CIRCUIT 5-tube 2-Band Superheterodyne
 FREQUENCY RANGE
 BROADCAST 540 kc.—1600 kc.
 Short Wave 4.7 mc.—18 mc.
 AUDIO OUTPUT 1.2 watts
 OPERATING VOLTAGE . . . 105-120 Volts AC-DC
 POWER CONSUMPTION 25 Watts—117 Volts
 INTERMEDIATE FREQUENCY 460 kc.
 AERIAL 100 foot conical L-type, such as Philco Part 45-1494
 PHILCO TUBES . . . 14Q7, 7B7, 14B6, 50A5, 35Y4