

Rogers Majestic R100A

ALIGNMENT PROCEDURE AND EQUIPMENT CONNECTIONS:

Output Indicator: If a power output meter is used adjust it for 4 ohms impedance and connect it in place of the bass speaker voice coil. Keep the output indicator below 500 milliwatts. If an A. C. voltmeter is used, connect it across the voice coil of the bass speaker, or across a 4 ohm load resistor connected in place of the bass speaker voice coil. Do not exceed 1.4 volts during alignment. As the reading of the test meter increases with alignment, decrease the output of the signal generator to keep the output below the above limits.

Receiver: Turn the volume and treble controls to full clockwise position. Turn bass control to full counterclockwise position. With the gang tuning capacitor fully closed, adjust the dial pointer to the alignment mark on the low frequency end of the alignment scale on the dial background.

SIGNAL GENERATOR				RECEIVER			
Operation Steps	Output	Series Capacitor	Connection To Receiver	Frequency	Tuning Capacitor	Notes	Adjust in Stated Order For Maximum Output
1.	Direct	0.05 μ F	Pin #1 6BA6 (I. F. Tube)	455 Kc.			L7 and L6
2.	Direct	0.05 μ F	Stator Lug C3 (Rear Tuning Cap.)	455 Kc.	Minimum Capacitance	A	L5 and L4
3.	Dummy	200 μ F*	Antenna Terminal	1500 Kc.	1500 Kc.	B	C8 and C4

* Or: Direct output of the signal generator through a 100 μ F capacitor.

ALIGNMENT NOTES

Note A: After operation 2 has been completed, do not make any further adjustments to L6 and L7.

Note B: Set dial pointer to 1500 Kc. mark and then tune in signal by adjusting the oscillator trimmer capacitor C8.

