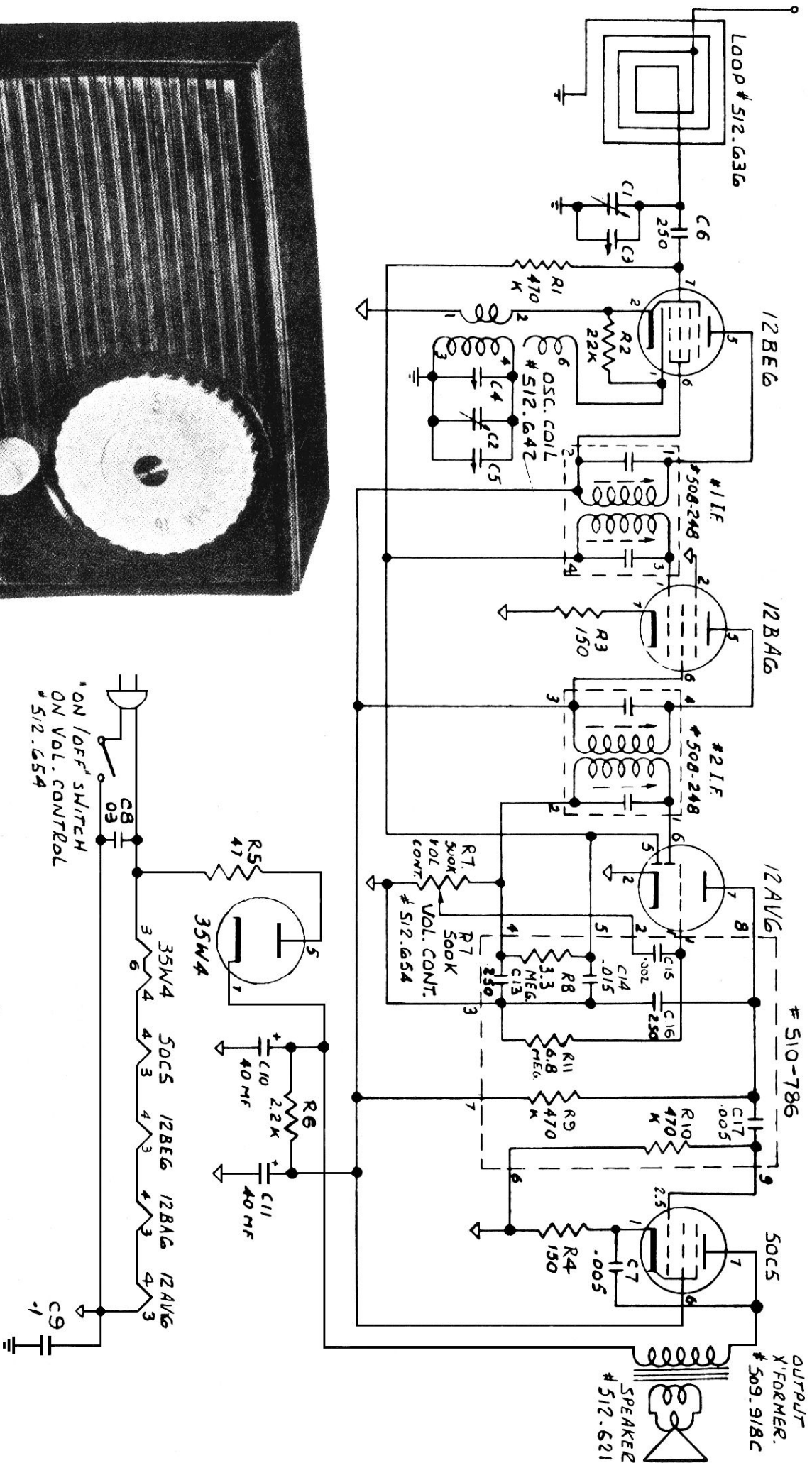
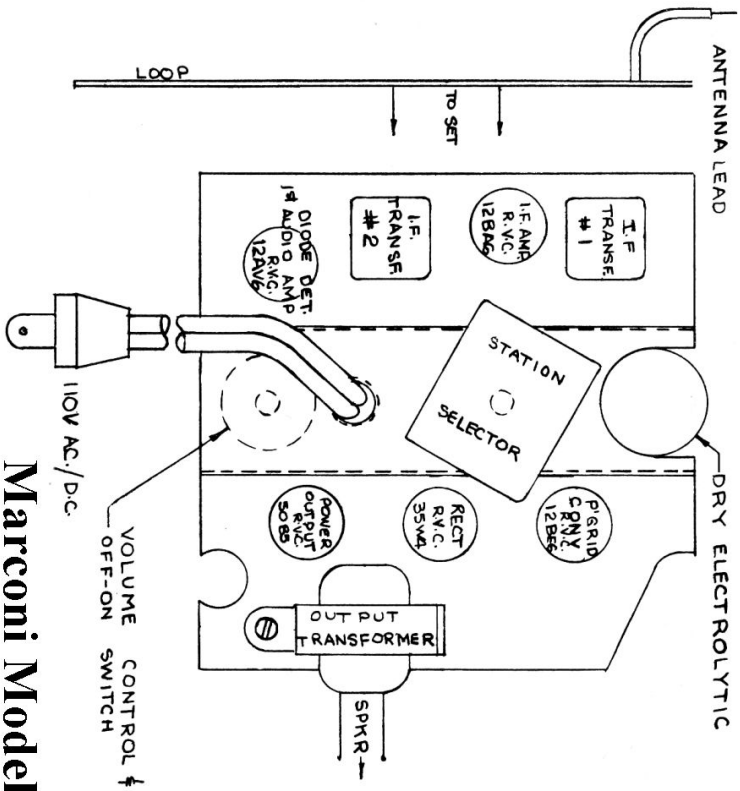


Marconi Model 417





LOUDSPEAKER DATA

Cone	4-Inch
Field	0.68 oz.
Voice Coil Impedance at 400 C.P.S.	3.2 ohms
Output Transformer Primary Resistance	180 ohms
Output Transformer Primary Impedance	2400 ohms

ALIGNMENT PROCEDURE

Maximum performance depends on accurate alignment of the I. F. and R. F. circuits of the receiver; therefore, follow the method outlined in the alignment chart carefully.

Marconi Model 417 Alignment Procedure

Connect S. G. Output To	Input Frequency	Dial Setting	Adjust	Circuit Resonated	Remarks
* Control Grid 12BE6	455 K. C.	Gang at Minimum	Top and Bottom Aligners	2nd I. F.	Maximum Output
Control Grid 12BE6	455 Kc.	Gang at Minimum	Top and Bottom Aligners	1st I. F.	Maximum Output
**Radiation Loop	1620 Kc.	Gang at Minimum	C4	Osc.	Maximum Output
Radiation Loop	1400 Kc.	1400 Kc.	C3	R. F. *	Maximum Output
Radiation Loop	580 Kc.	580 Kc.	Gang Plates If Necessary	-	Maximum Output

* Lug on Detector Section of gang forms a convenient point of connection.

** Radiation Loop may consist of 4 turns of #18 wire approximately 6 inches in diameter and spaced 2 to 4 feet from receiver loop.

NOTE: Use isolation transformer if available. If not connect a .25 mfd. condenser in series with low side of signal generator and B neutral.