

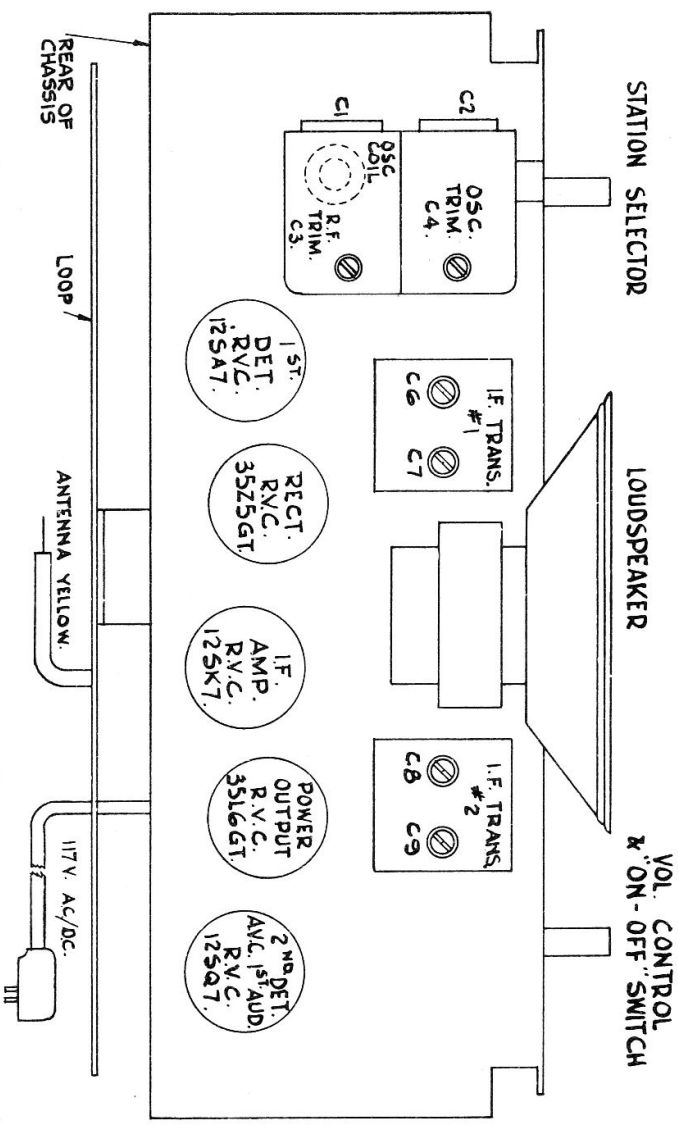
M = 1,000,000 OHMS
 K = 1,000 OHMS
 ALL CAPACITORS MFD
 EXCEPT AS LISTED PF
 (PF = MMFED)
 C6, C7, C8, C9 = 25 - 150PF
 (I.F. Transformer)

Marconi Model 261

Marconi Model 261 Alignment Procedure

CONNECT S.G. OUTPUT TO FREQUENCY	RECEIVER DIAL SETTING	ADJUST CIRCUIT RESONATED	REMARKS
# C.G. 12SA7	462.5 K.C.	GANG AT MIN. C9, C8	No. 2 I.F.F. ADJUST FOR C7, C6 No. 1 I.F.F. MAX. OUTPUT
# ANT. LEAD	1717 K.C.	GANG AT MIN. C4	OSCILLATOR RESONATED
# ANT. LEAD	1600 K.C.	160 C3	R.F. ADJUST FOR MAX. OUTPUT

NOTE: Ground lead from Signal Generator should be connected through a 0.1 mfd. capacitor. This connection to be through a 0.1 mfd. capacitor to lug on R.F. section of gang. Before proceeding with R.F. alignment, see that pointer is set over last division on left hand side of dial scale with gang at maximum.



VOLTAGE READINGS

- 12SA7 Mod. Plate to Cath...85 v
- 12SA7 Osc. Plate to Cath...45 v
- 12SA7 Screen to Cath.....45 v
- 12SK7 Plate to Cath.....90 v
- 12SK7 Screen to Cath.....90 v
- 12SQ7 Triode Plate to Cath.50 v
- 35L6 Plate to Cath.....75 v
- 35L6 Screen to Cath.....80 v

Above readings are approximate and will vary depending on the resistance of the voltmeter used. Readings are taken on lowest scale that will accommodate the voltage under test.

