



Marconi Model 181A

Marconi Model 181A AC/DC Mantel Radio

12SA7 Mod. Plate to Cathode.....85 V.
 12SA7 Osc. Plate to Cathode.....85 V.
 12SA7 Screen to Cathode.....45 V.
 35L6 Plate to Cathode.....75 V.
 35L6 Screen to Cathode.....80 V.
 12K7 Plate to Cathode.....90 V.
 12K7 Screen to Cathode.....90 V.
 12Q7 Triode Plate to Cathode.....50 V.

Above readings are approximate and will vary depending on the resistance of the voltmeter used.

CONNECT S.G. OUTPUT	INPUT FREQUENCY	RECEIVER DIAL SETTING	ADJUST	CIRCUIT RESONATED	REMARKS
* C.G. 12SA7	462.5 KC	Gang at Max.	C9, C8, C7 & C6	No. 2 I.F. No. 1 I.F.	Adjust for Max. Output
**Ant. Lead	1717 KC	" "	C4	Oscillator	Adjust for Resonance
" "	1600 KC	160	C3	R.F.	Adjust for Max. Output

Ground lead from signal generator should be connected to chassis through a 0.1 Mfd. capacitor.

* This connection to be made 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.