



# Marconi Models 180, 180A

## \* Alignment Procedure \* Voltage Test Points

### VOLTAGE READINGS

12A8 Mod. Plate to Cathode.....	90 V.
12A8 Osc. Plate to Cathode.....	90 V.
12A8 Screen to Cathode.....	45 V.
35L6 Plate to Cathode.....	82.5 V.
35L6 Screen to Cathode.....	85 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. Readings are taken on lowest scale and will accommodate the voltage under test.

CONNECT S.G. OUTPUT TO	INPUT FREQUENCY	RECEIVER DIAL SETTING	ADJUST	TRIMMER FUNCTION	REMARKS
** CG 12A8GT	462.5 KC	Max.	C9, C8, C7 and C6	I.F. Trimmers	Max. Output
+ Ant. Lead	1720 KC	Extreme right Hand Side	C4	Osc. Trimmer	Adjust for Resonance
+ Ant. Lead	1400 KC	Approx. 140	C3	RF Trimmer	Max. Output

- + Connect ground lead to chassis through 0.1 Mfd. 400 V. Capacitor. Check setting of dial pointer before proceeding with alignment. Pointer should be set over last division on left hand side of dial with gang at maximum capacity (Plates fully meshed).
- \* Connect SG to grid through 0.1 mfd. 400 V. Capacitor.