



NOTE:
 C11, C20, C21 are tested to withstand 900V 60 cycle
 A.C. for 1 minute.

ROTARY SWITCH IN COUNTER CLOCKWISE
 POSITION ON B.C. BAND. KNOB END VIEW
 IS SHOWN WITH CHASSIS RIGHT SIDE UP.

Marconi Model 217SW

Marconi Model 217SW Alignment Procedure

CONNECT S.G. OUTPUT TO	SET WAVE BAND SW. TO	INPUT FREQUENCY	RECEIVER DIAL SETTING	ADJUST	CIRCUIT RESONATED	ADJUSTMENT REMARKS
① C.G. 12SA7	B.C. Band	462.5 K.C.	Gang at Min.	C9 & C8	No. 2 I.F.	Max. Output
② C.G. 12SA7	B.C. Band	462.5 K.C.	Gang at Min.	C7 & C6	No. 1 I.F.	Max. Output
④ Ant. Lead	B.C. Band	580 K.C.	580 K.C.	L 1	B.C. Osc.	Resonate
② Ant. Lead	B.C. Band	1610 K.C.	Gang at Min.	C 4	B.C. Osc.	Resonate
Ant. Lead	B.C. Band	1400 K.C.	1400 K.C.	C 3	B.C. R.F.	Max. Output
Ant. Lead	B.C. Band	580 K.C.	580 K.C.	L 1	B.C. R.F.	Rock Gang for Max. Output
③ Ant. Lead	S.W. Band	6.5 M.C.	6.5 M.C.	L 2	S.W. Osc.	Resonate
Ant. Lead	S.W. Band	15.6 M.C.	Max. Freq.	C 23	S.W. Osc.	Resonate
Ant. Lead	S.W. Band	14.0 M.C.	14.0 M.C.	C 22	S.W. R.F.	Rock Gang for Max. Output
Ant. Lead	S.W. Band	6.5 M.C.	6.5 M.C.	L 2	S.W. Osc.	Rock Gang for Max. Output

NOTE:- Ground lead from signal generator should be connected to chassis through a 0.1 Mfd. Capacitor.

- ① This connection to be made through a 0.1 Mfd. capacitor to lug on R.F. section of gang condenser.
- ② 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 capacity.
- ③ Before adjusting L-2 for signal, slack off Osc. trimmer C-23.
- ④ Before adjusting L-1 for signal, slack off Osc. trimmer C-4.

VOLTAGE READINGS

12SA7 Mod. Plate to Cathode.....	85 V.
12SA7 Osc. Plate to Cathode.....	45 V.
12SA7 Screen to Cathode.....	45 V.
12SK7 Plate to Cathode.....	90 V.
12SK7 Screen to Cathode.....	90 V.
12SQ7 Triode Plate to Cathode.....	90 V.
35L6 Plate to Cathode.....	75 V.
35L6 Screen to Cathode.....	80 V.

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

