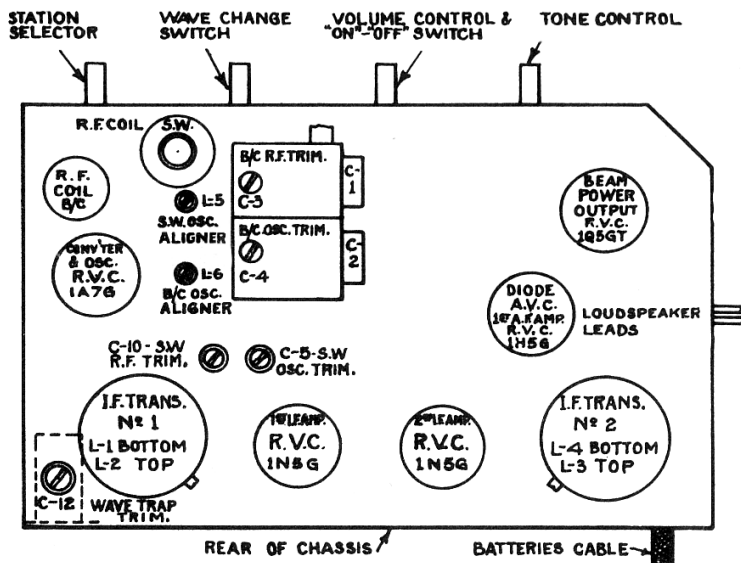


# Marconi Models 196 & 197 Battery Operated Radio

# Marconi Models 196 & 197 Battery Operated Radio



## VOLTAGE READINGS SOCKET PINS TO CHASSIS

TUBE	1	2	3	4	5	6	7	8
1A7G	*	1.4	85	48	0	85	0	-
1N5G	-	1.4	60	90	-	-	0	-
1N5G	*	1.4	90	90	-	-	0	-
1H5G	*	1.4	65	*	0	-	0	-
1Q5GT	*	1.4	85	90	-0.25	-	0	-

\* Used as anchoring lug only.

## ALIGNMENT PROCEDURE

SET BAND SWITCH TO	CONNECT S.G. OUTPUT TO	INPUT FREQUENCY	DIAL SETTING	ADJUST	CIRCUIT RESONATED	REMARKS
B.C.	C.G. 1A7G	462.5 KC	*	L4 & L3 L2 & L1	No.2 I.F. No.1 I.F.	Max. Output
**B.C.	A & G	1600 KC	160	C4	B.C. Osc.	Resonate
B.C.	A & G	1600 KC	160	C3	B.C. R.F.	Max. Output
B.C.	A & G	580 KC	58	Core L6	B.C. Osc.	Rock Gang
S.W.	A & G	15 MC	15 MC	C5	S.W. Osc.	Resonate
S.W.	A & G	15 MC	15 MC	C10	S.W. R.F.	Rock Gang for Max. Output
S.W.	A & G	6 MC	6 MC	Core L5	S.W. Osc.	Rock Gang for Max. Output

\* Short Osc. Section of gang through 0.1 Mfd. For oscillograph alignment connect oscilloscope input across R8 and adjust for overlapping double image of maximum amplitude.

\*\* Before proceeding with R.F. Alignment, see that dial pointer is set to last calibration at right with gang at minimum capacity. Also to compensate for any interlocking between circuits screw in L5  $2\frac{1}{2}$  full turns from minimum inductance and L6  $5\frac{1}{2}$  full turns from minimum inductance.