

SKETCH SHOWING CONNECTIONS AT "A" FOR 25~

Marconi Models 98 & 110

Marconi Models 98, 110

ALIGNMENT OF INTERMEDIATE FREQUENCY TRANSFORMERS

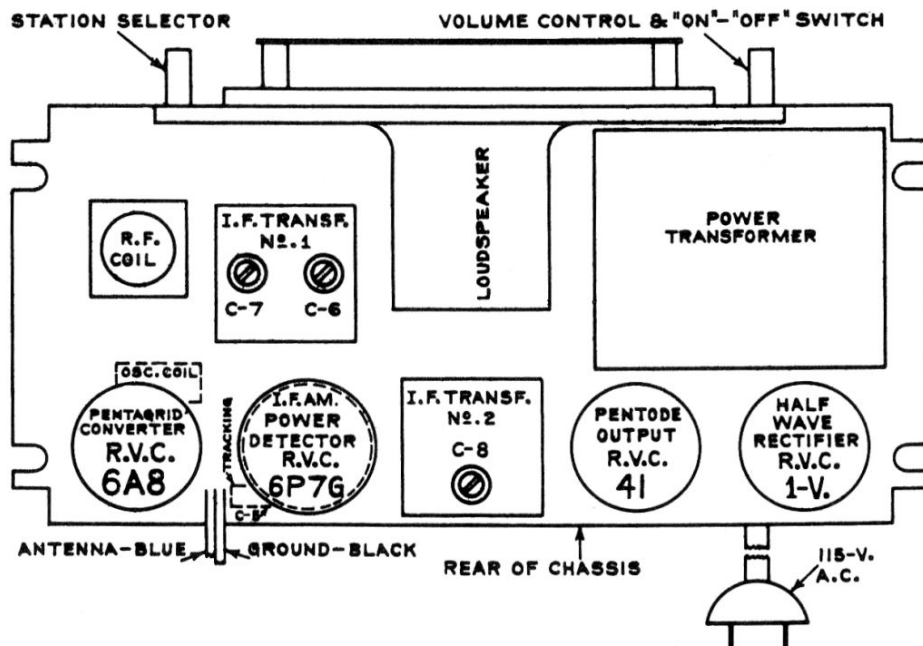
Short oscillator section of gang capacitor through : 0.1 mfd capacitor.

Supply a modulated 462.5 K.C. Signal to the control grid cap of the 6A8 converter tube.

Adjust in order C8, C7 and C6 for maximum output.

ALIGNMENT OF BROADCAST BAND

- (1) Remove short from oscillator section of gang capacitor.
- (2) Set gang at maximum (plates meshed).
- (3) Set pointer over last radial line on right hand side of dial scale.
- (4) Rotate tuning knob until pointer is at 1500 K.C.
- (5) Supply 1500 K.C. signal to A & G lead.
- (6) Adjust oscillator trimmer C4 to tune in the 1500 K.C. signal.
- (7) Adjust R.F. trimmer C3 for maximum output.
- (8) Shift test oscillator to 580 K.C.
- (9) Rotate tuning control until 580 K.C. signal is reached.
- (10) Adjust oscillator tracking capacitor C5 while rocking the gang capacitor to and fro past the signal until the combination of adjustments giving the greatest output is obtained.



VOLTAGE READINGS SOCKET PINS TO CHASSIS

RADIOTRON	CAP	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7	PIN 8
R.V.C. 6A8	0	0	0	200	75	0	75	6.3 AC	2.5
R.V.C. 6P7G	10	0	0	6.3 AC	200	75	100	0	12.5
R.V.C. 41	-	6.3 AC	187.5	200	2.9	0	0	-	-
R.V.C. 1-V	-	0	265 AC	200	6.3 AC	-	-	-	-