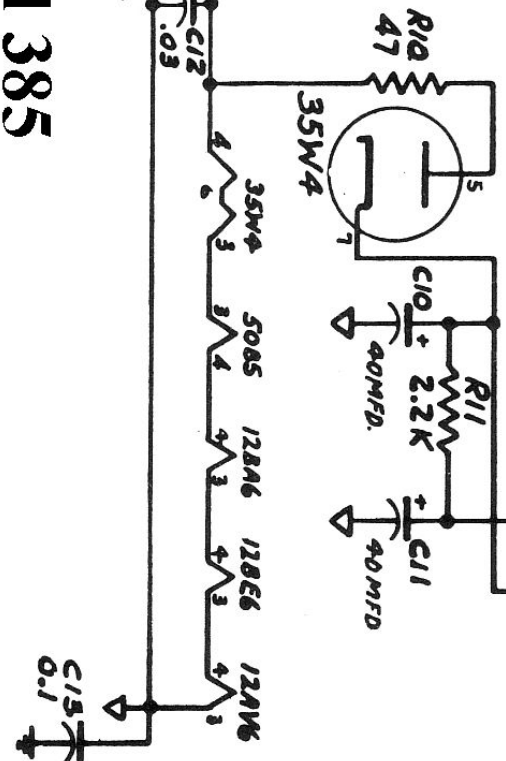


117V. AC/DC
 "ON-OFF" 5M. ON VOL. CONTROL
 #509-954

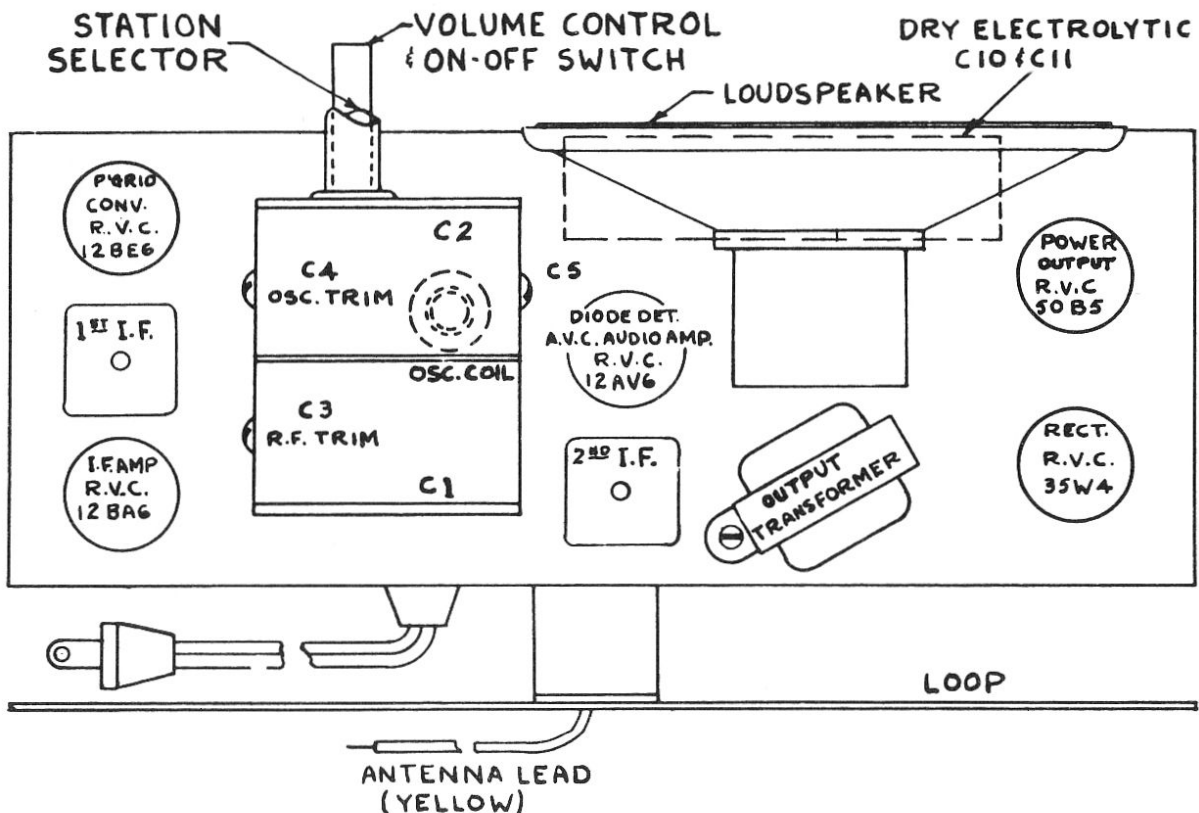


Marconi Model 385

Marconi Model 385 Tube Socket Voltage Chart

TUBE TYPE	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7
12BE6	# Neg.	0	115 V. A. C.	23 V. A. C.	85 V. D. C.	85 V. D. C.	Slightly Neg.
12BA6	-	0	23 V. A. C.	34.5 V. A. C.	85 V. D. C.	85 V. D. C.	2.1 V. D. C.
12AV6	Slightly Neg.	Slightly Neg.	0	11.5 V. A. C.	Slightly Neg.	Slightly Neg.	57 V. D. C.
50B5	-	6.6 V. D. C.	83 V. A. C.	34.5 V. A. C.	115 V. D. C.	85 V. D. C.	
35W4	-	0	83 V. A. C.	117 V. A. C.	117 V. A. C.	-	120 V. D. C.

1. Measured values are from socket pin to B-.
2. D. C. voltage measurements are at 20,000 Ohms per volt.
3. A. C. voltages measured at 1,000 Ohms per volt.
4. Nominal tolerance of component values makes possible a variation of $\pm 15\%$ in voltage readings.
5. Volume control at maximum, no signal applied for measurements.
- # The D. C. voltage developed across the oscillator grid leak, R2, averages 5 volts at 950 K. C.



Marconi Model 385 Alignment Procedure

CONNECT S. G. OUTPUT TO	INPUT FREQUENCY	DIAL SETTING	ADJUST	CIRCUIT RESONATED	REMARKS
# CONTROL GRID 12BE6	455 K. C.	GANG AT MINIMUM	TOP & BOTTOM ALIGNER	2nd I. F.	MAXIMUM OUTPUT
# CONTROL GRID 12BE6	455 K. C.	GANG AT MINIMUM	TOP & BOTTOM ALIGNER	1st I. F.	MAXIMUM OUTPUT
##RADIATION LOOP	1620 K. C.	GANG AT MINIMUM	C4	OSC.	MAXIMUM OUTPUT
RADIATION LOOP	1400 K. C.	1400 K. C.	C3	R. F.	MAXIMUM OUTPUT

Lug on Detector Section of gang forms a convenient point of connection.

Radiation loop may consist of 4 turns of #18 wire approximately 6 inches in diameter and spaced 2 to 4 feet from Receiver Loop.

NOTE: To prevent possible damage to test instruments when aligning this Receiver, an isolating transformer should be used between the line and the Receiver.