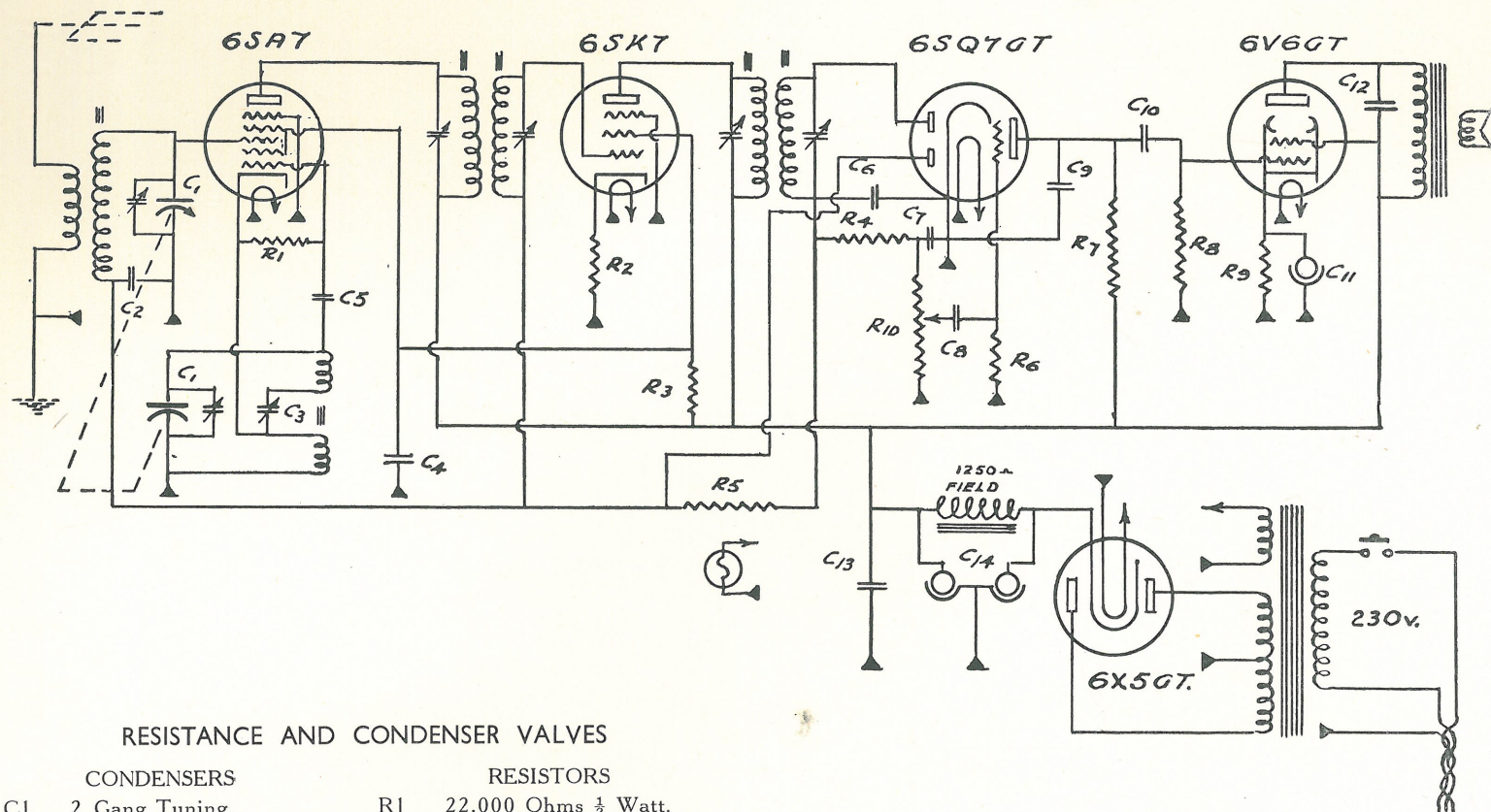


PHILIPS RADIOPLAYER — MODEL 540

INTERMEDIATE FREQUENCY = 455 KC/S.



RESISTANCE AND CONDENSER VALUES

CONDENSERS	RESISTORS
C1 2 Gang Tuning.	R1 22,000 Ohms $\frac{1}{2}$ Watt.
C2 .05 MFD 200V.	R2 47 Ohms $\frac{1}{2}$ Watt.
C3 600 MMFD Padder.	R3 3,900 Ohms 1 Watt.
C4 .05 MFD 200V.	R4 50,000 Ohms $\frac{1}{2}$ Watt.
C5 56 MMFD.	R5 2.2 Megohms $\frac{1}{2}$ Watt.
C6 100 MMFD.	R6 5.6 Megohms $\frac{1}{2}$ Watt.
C7 100 MMFD.	R7 .5 Megohms $\frac{1}{2}$ Watt.
C8 .01 MFD 400V.	R8 .47 Megohms $\frac{1}{2}$ Watt.
C9 400 MMFD.	R9 600 Ohms 1 Watt.
C10 .01MFD 400V.	R10 .5 Megohm Vol. Control.
C11 25 MFD 25V.	
C12 .01 MFD 400V.	
C13 .1 MFD 400V.*	
C14 10 + 10 MFD 450V.	

*This condenser is not normally included in the receiver.

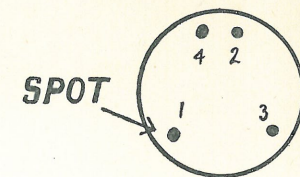
VOLTAGE TABLE

Valve	Plate	Screen	Cathode	Heater
6SA7	175	115	—	6
6SK7	175	115	0.8	6
6SQ7	50	—	—	6
6V6	170	175	10	6
6X5	240 Volts AC per Plate	240	6	

The voltages given in this table apply when a voltmeter of 1,000 ohms per volt is used, and no signal input to receiver. Variations in voltage readings up to 10% are permissible.

COIL CONNECTIONS

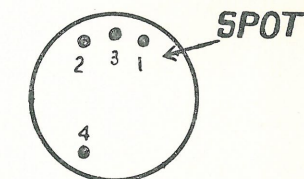
AERIAL COIL



Types { 469.30x—Red Spot
469.30 —White Spot

Aerial Coil 1—2
6SA7 Grid Coil 3—4

OSCILLATOR COIL



Types { 471.11x—Green Spot
471.11 —Blue Spot

Grid Coil 1—2
Cathode Coil 3—4

1st I.F. Transformer
(Type VK476.02)

6SA7 Plate Coil: Blue—Red
6SK7 Grid Coil: Green—
White/Green Tracer

2nd I.F. Transformer
(Type VK476.03)

6SK7 Plate Coil: Blue—Red
6SQ7 Diode Coil: Green—
White/Green Tracer