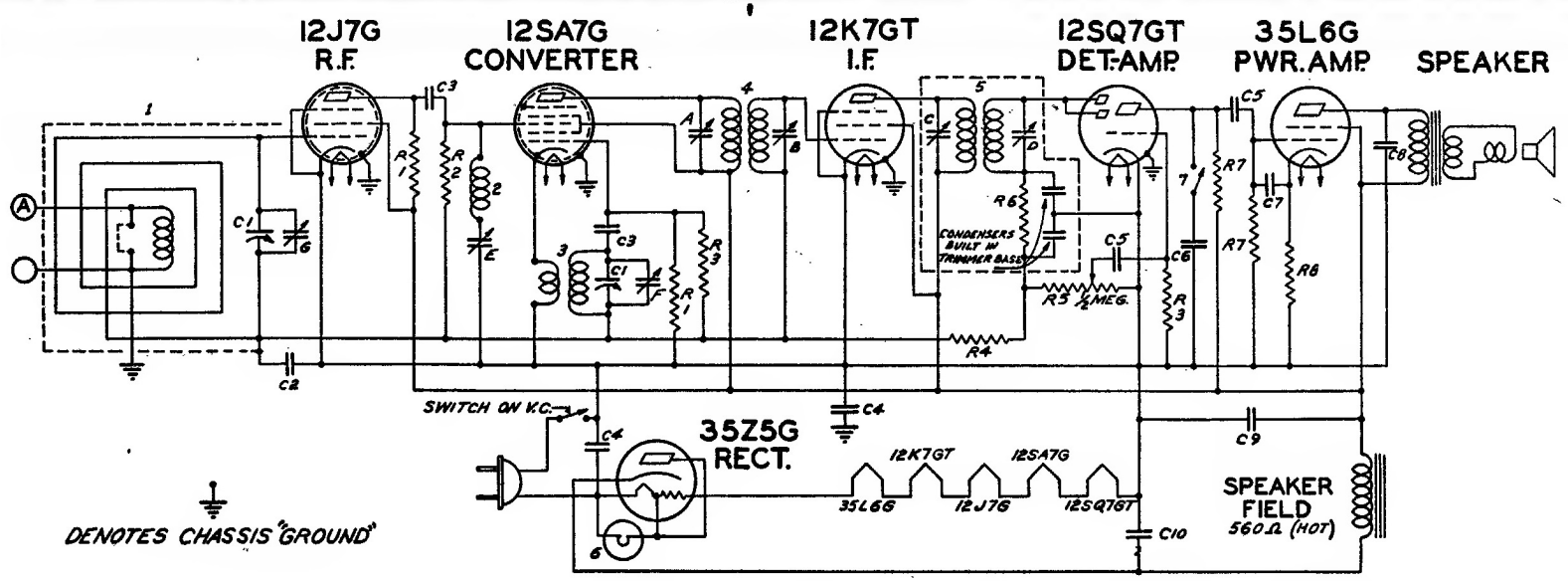


All voltages measured with a 20,000 ohm per volt meter from chassis to socket contact indicated.

All voltages are positive D.C. unless marked otherwise.

Volume control full on.

Line voltage 117 A.C.

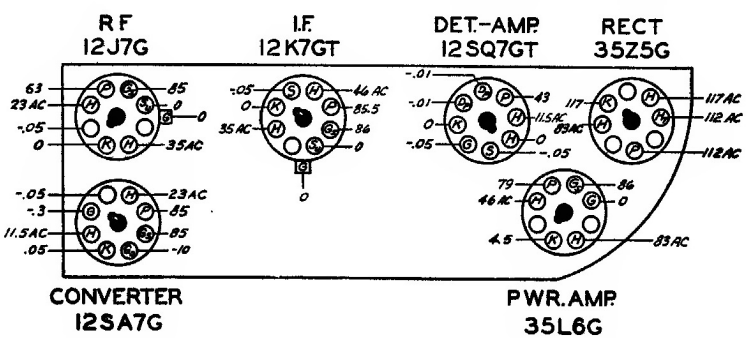
Power consumption 25.5 watts.

Power output 1. watt.

Tuning Ranges 540 Kc. to 1600 Kc.

I.F. FREQUENCY 455 KC.
6 TUBE SUPERHETERODYNE
CHASSIS Nº 6A24 A.C.-D.C.
ZENITH RADIO CORPORATION
CHICAGO, ILL.

DIAG. Nº	PART Nº	DESCRIPTION		DIAG. Nº	PART Nº	DESCRIPTION		DIAG. Nº	PART Nº	DESCRIPTION
C1	22-1184	TWO-GANG VARIABLE		R2	63-591	22 M OHM	½ W.	4	95-760	1ST I.F. TRANS.
C2	22-829	.05 MFD.	200V.	R3	63-976	15 MEGOHM	½ W.	5	95-790	2ND I.F. TRANS.
C3	22-162	.0001 MFD.	600V.	R4	63-600	2.2 MEGOHM	½ W.	6	100-67	PILOT LIGHT 6.3V. .15A.
C4	22-1017	.05 MFD.	200V.	R5	63-1130	VOLUME CONTROL		7	85-270	TONE CONTROL SWITCH
C5	22-243	.01 MFD.	400V.	R6	63-713	47 M OHM	½ W.			
C6	22-492	.002 MFD.	600V.	R7	63-597	470 M OHM	½ W.			
C7	22-854	.0005 MFD.	600V.	R8	63-686	1500 OHM WIREWOUND	½ W.	A		1ST I.F. TRANS. PRI.
C8	22-1049	.03 MFD.	400V.					B		1ST I.F. TRANS. SEC.
C9	22-1014	20 MFD. ELECTROLYTIC	150V.					C		2ND I.F. TRANS. PRI.
C10		20 MFD. ELECTROLYTIC	150V.					D		2ND I.F. TRANS. SEC.
				1	59465	WAVEMAGNET ASSEMBLY		E	22-1015	WAVE TRAP
				2	58326	WAVE TRAP COIL ASSEMBLY		F		BROADCAST OSC. (ON GANG)
R1	63-589	10M OHM	½ W.	3	59437	OSC. COIL ASSEMBLY		G		BROADCAST ANT. (ON GANG)



Circuit Diagram
Model 6D516
Chassis No. 6A24