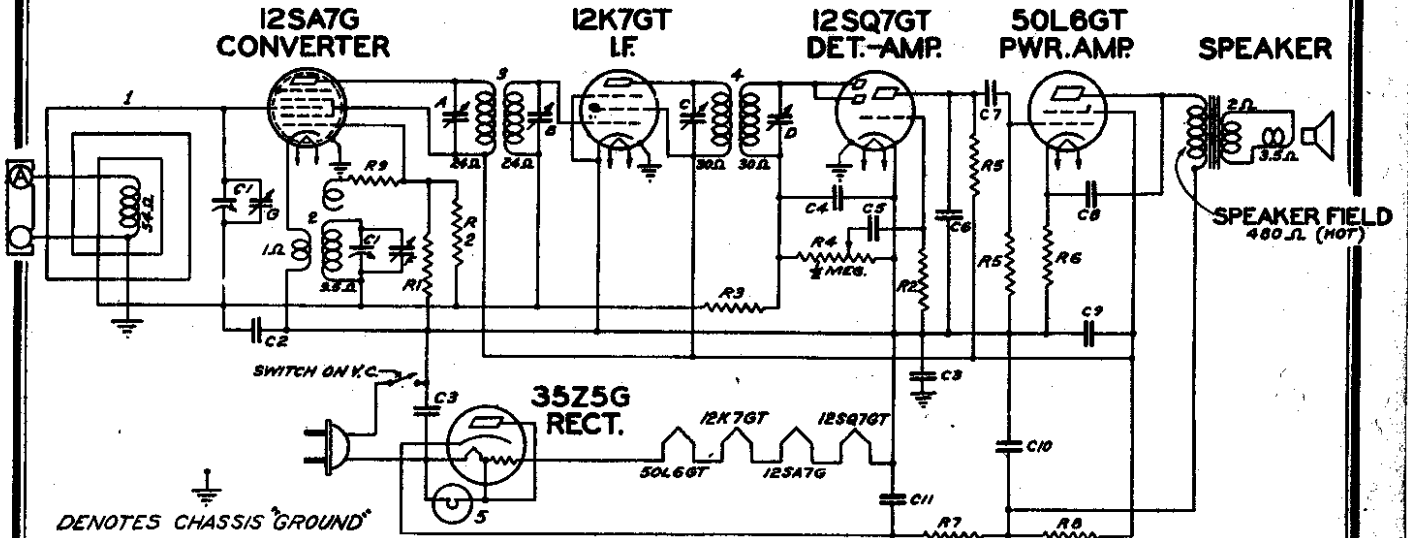


ZENITH RADIO CORP.

MODELS 5D610, 5D610W  
5D625, Chassis 5B01



DENOTES CHASSIS GROUND

Power output 1.3 watts.

Tuning Ranges 540 Kc to 1620 Kc.

MODEL  
5 D 610  
5 D 625

SPEAKER  
49-439 4"  
49-439 4"

IF FREQUENCY 455 Kc.  
5 TUBE SUPERHETERODYNE  
CHASSIS № 5B01 A.C.-D.C.

1-6-41 R9 ADDED								
DWG. NO.	PART NO.	DESCRIPTION	DWG. NO.	PART NO.	DESCRIPTION	DWG. NO.	PART NO.	DESCRIPTION
C1	22-1185	TWO-GANG VARIABLE	R1	63-589	10 M OHM	2	89450	OSC. COIL ASSEMBLY
C2	22-829	.05 MFD.	R2	63-976	15 MEGOHM	3	95-696	1ST I.F. TRANS.
C3	22-1017	.05 MFD.	R3	63-600	2.2 MEGOHM	4	95-794	2ND I.F. TRANS.
C4	22-353	.0002 MFD.	R4	63-1112	VOLUME CONTROL	5	100-67	PILOT LIGHT 6.3V-15A.
C5	22-492	.002 MFD.	R5	63-597	470 OHM			
C6	22-854	.0005 MFD.	R6	63-1171	75 OHM WIREWOUND			
C7	22-243	.01 MFD.	R7	63-1172	100 OHM WIREWOUND			
C8	22-1182	.01 MFD.	R8	63-1173	1500 OHM			
C9		20 MFD. ELECTROLYTIC	R9	63-579	220 OHM			
C10	22-1186	20 MFD. ELECTROLYTIC						
C11		30 MFD. ELECTROLYTIC						
					59452			WAVEMAGNET ASSEMBLY

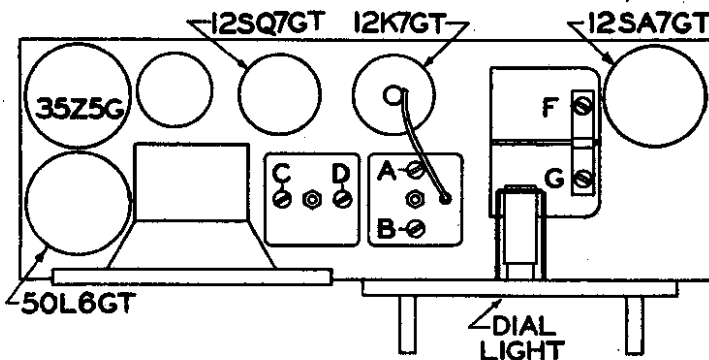
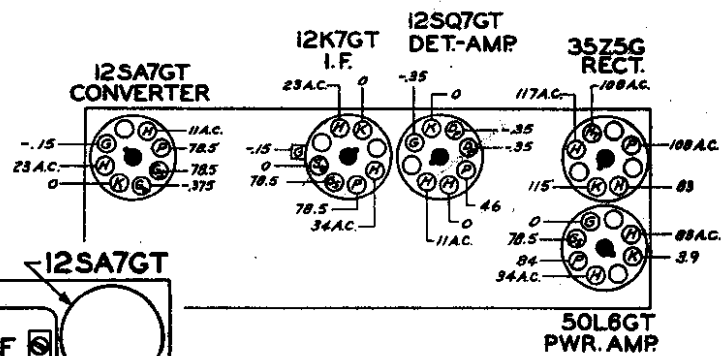
Stage Gains:

Bc. and 455 Kc. LF.

Ant. to Conv. grid 7X at 1000 Kc.

Conv. grid to I.F. grid 74X at 455 Kc.

Overall audio 225X at .05 watt. 400 cycles.



TRIMMER LOCATIONS

SOCKET VOLTAGES

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 29 watts.

Operation	Connect Test Oscillator to	Dummy Antenna	Input Signal Frequency	Band	Set Dial At	Trimmers	Purpose
1	Converter Grid	.1 mfd.	455 Kc.	—	600 Kc.	A, B, C, D	Allgn I. F.
2	1 Turn Loop Made from Generator Leads.	—	1500 Kc.	—	1500 Kc.	F	Set Oscillator to Scale
3	See Note!	—	1500 Kc.	—	1500 Kc.	G	Adjust for Maximum