

Zenith Radio Corp.

Model: 5D610

Chassis:

Year: Pre April 1941

Power:

Circuit:

IF:

Tubes:

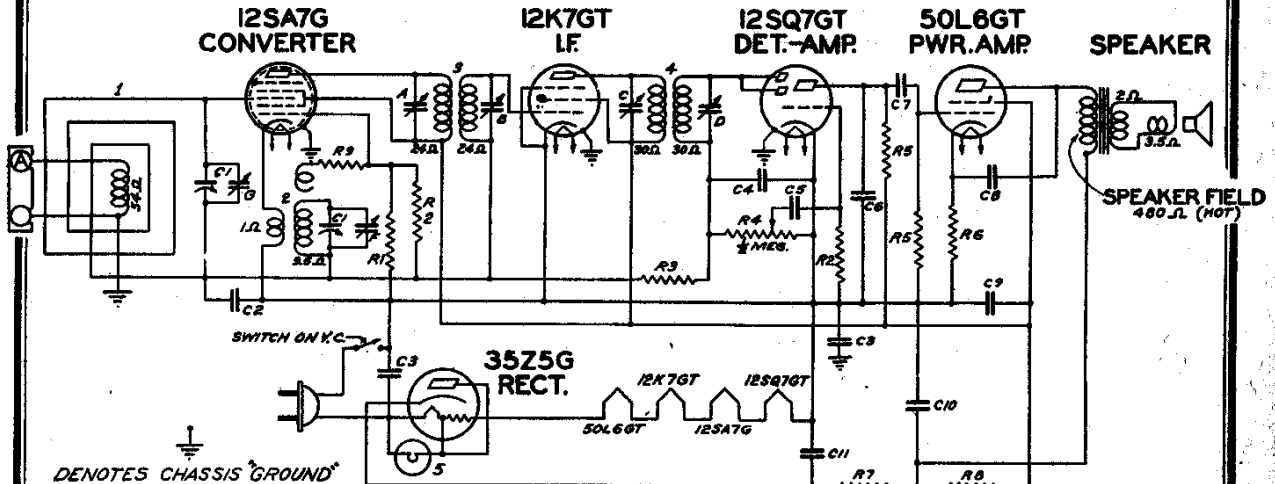
Bands:

Resources

Riders Volume 12 - ZENITH 12-31

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"

I.F. FREQUENCY 455 Kc.
5 TUBE SUPERHETERODYNE
CHASSIS NO 5B01 A.C.-D.C.

R9 ADDED									
DIAG. NO.	PART NO.	DESCRIPTION	DIAG. NO.	PART NO.	DESCRIPTION	DIAG. NO.	PART NO.	DESCRIPTION	
C1	22-1185	TWO-BAND VARIABLE				2	89450	OSC. COIL ASSEMBLY	
C2	22-829	.05 MFD.	200 K	R1	63-589	10 M OHM	3	95-696	1ST I.F. TRANS.
C3	22-1071	.05 MFD.	200 K	R2	63-978	15 MEGOHM	4	95-794	2ND I.F. TRANS.
C4	22-953	.002 MFD.	600 K	R3	63-640	2.2 MEGOHM	5	100-67	PILOT LIGHT 6.3V. 15A.
C5	22-492	.002 MFD.	600 K	R4	63-112	VOLUME CONTROL			
C6	22-854	.0005 MFD.	600 K	R5	63-597	470M OHM			
C7	22-249	.01 MFD.	400 K	R6	63-1171	75 OHM WIREWOUND			
C8	22-1182	.01 MFD.	400 K	R7	63-1172	100 OHM WIREWOUND			
C9		20 MFD. ELECTROLYTIC	150V	R8	63-1173	1500 OHM			
C10	22-1186	20 MFD. ELECTROLYTIC	150V	R9	63-579	220 OHM			
C11		30 MFD. ELECTROLYTIC	150V						
59452 WAVEMAGNET ASSEMBLY									

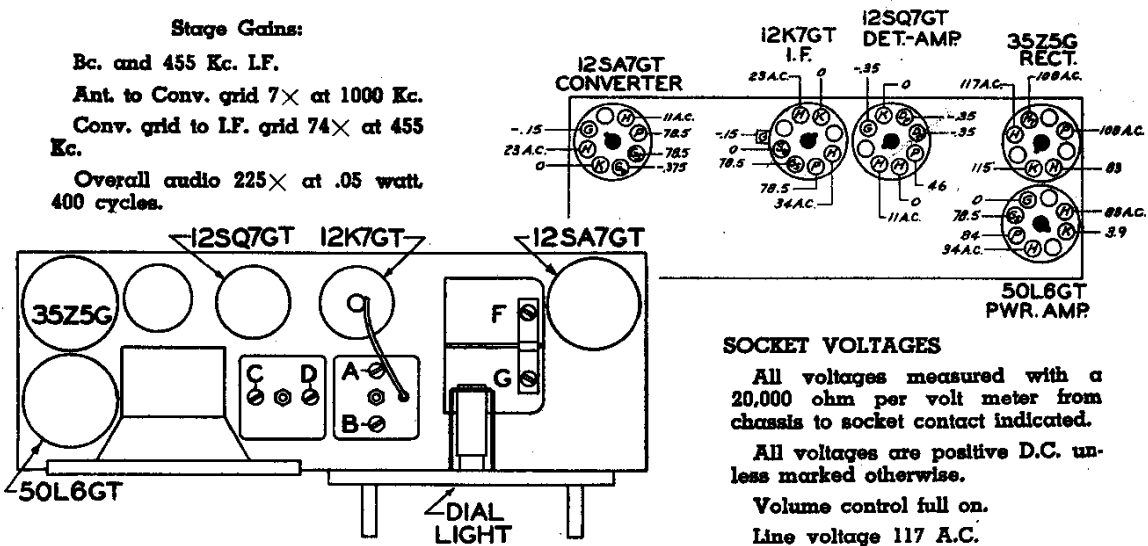
Stage Gains:

Bc. and 455 Kc. I.F.

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.



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.

TRIMMER LOCATIONS

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	Align 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