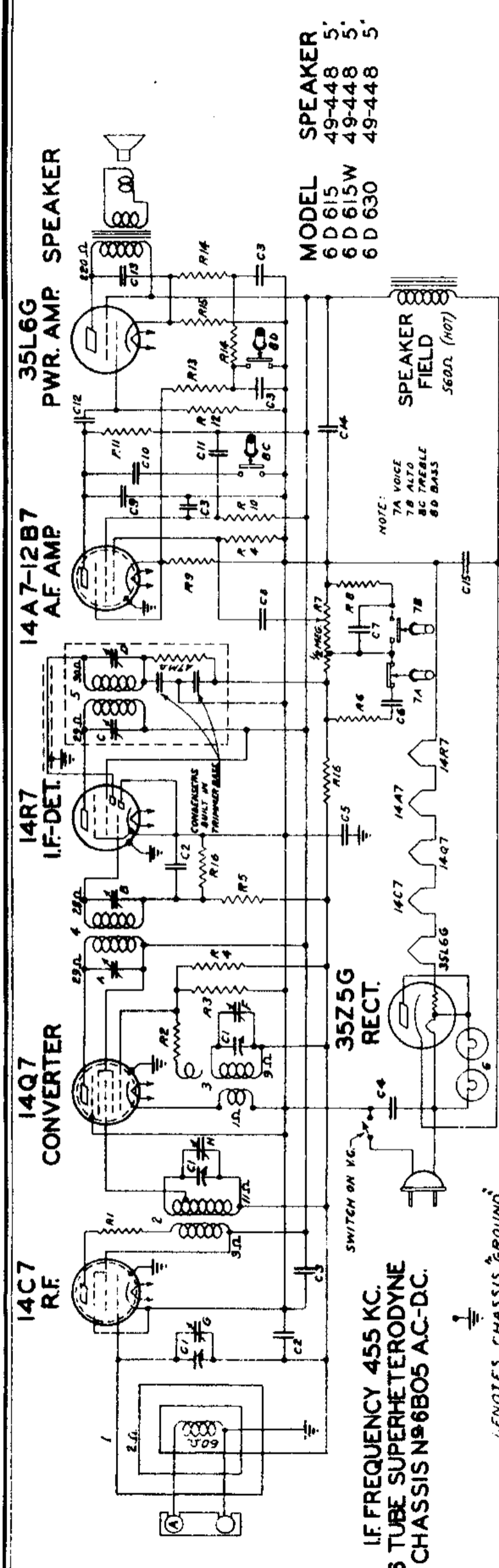


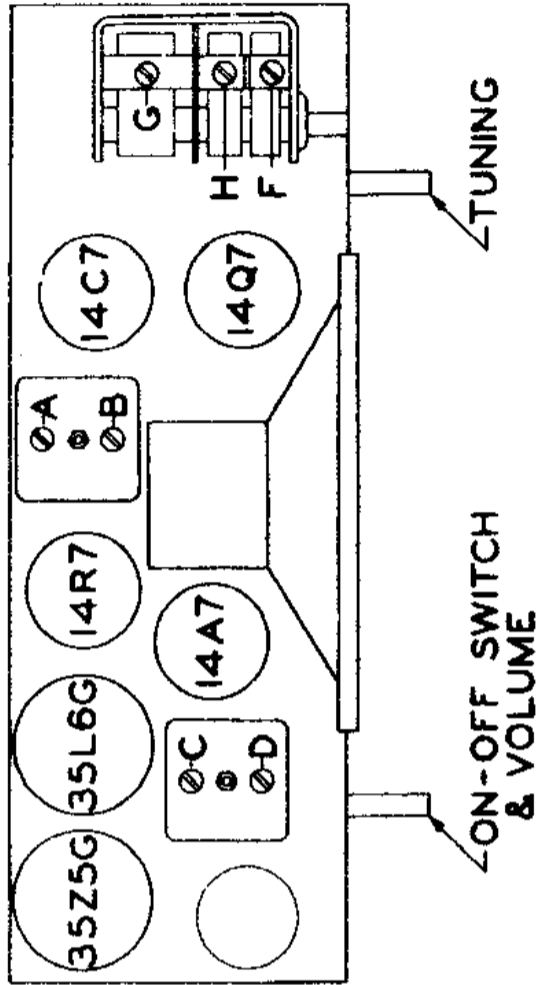
ZENITH RADIO CORP.

MODELS 6D615, 6D615W, 6D623, 6D630, 6D2615, Ch. 6B05



MODEL SPEAKER

6 D 615	49-448	5'
6 D 615W	49-448	5'
6 D 630	49-448	5'

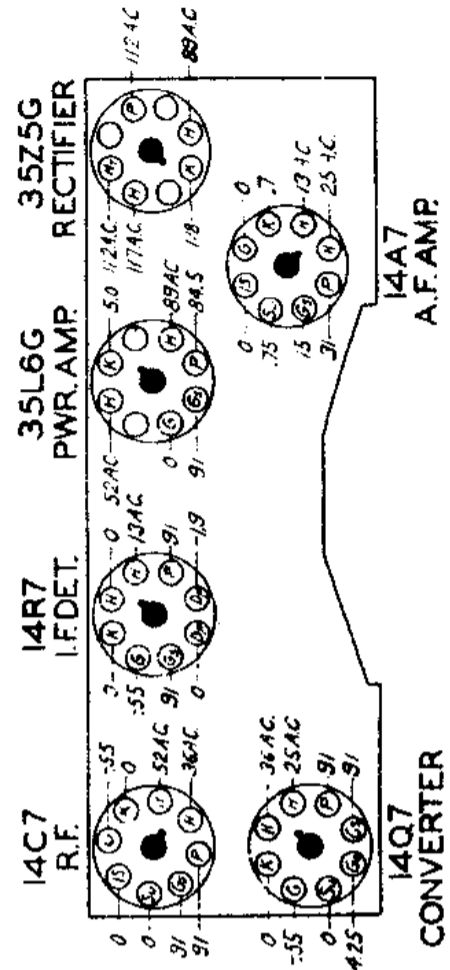


Volume control full on.  
Line voltage 117 A.C. or D.C.  
Power consumption 40 watts.  
Power output 1.38 watts.  
Tuning Range  
540 Kc. to 1620 Kc.

Part No.	Description	Part No.	Description	Part No.	Description
C1	22-201 TRIPLE GANG VARIABLE	R1	63-590 15M OHM	1	59757 INVENOMENT ASSEMBLY
C2	22-429 05 MFD	R2	63-578 220 OHM	2	59561 DETECTOR COIL ASSEMBLY
C3	22-823 1 MFD	R3	63-589 10M OHM	3	59578 OSCILLATOR COIL ASSEMBLY
C4	22-197 85 MFD	R4	63-1093 15 MEG OHM	4	95-806 121 I.F. TRANSFORMER
C5	22-187 85 MFD	R5	63-722 2.2 MEG OHM	5	95-807 220 I.F. TRANSFORMER
C6	22-326 40 MFD	R6	63-325 150M OHM	6	100-90 DIAL LIGHT 3.2V -15A
C7	22-321 40 MFD	R7	63-1235 VOLUME CONTROL	7	85-284 T.C. SW. ASSEM.(LEFT)
C8	22-243 1 MFD	R8	63-531 22 M OHM	8	85-288 T.C. SW. ASSEM.(RIGHT)
C9	22-854 50 MFD	R9	63-534 220 OHM	A	131 I.F. TRANS. SEC.
C10	22-861 10 MFD	R10	63-659 470M OHM	B	132 I.F. TRANS. SEC.
C11	22-12-15 0.4 MFD	R11	63-260 100M OHM	C	200 I.F. TRANS. SEC.
C12	22-12-15 0.4 MFD	R12	63-597 470M OHM	D	201 I.F. TRANS. SEC.
C13	22-12-15 0.4 MFD	R13	63-539 270M OHM	E	202 I.F. TRANS. SEC.
C14	22-12-15 0.4 MFD	R14	63-639 500M OHM	F	203 I.F. TRANS. SEC.
C15	22-12-15 0.4 MFD	R15	63-1271 100 OHM WIREWOUND	G	BROADCAST ANT. (ON GANG)
C16	22-1044 10 MFD ELECTROLYTIC	R16	63-660 2 MEG OHM	H	BROADCAST DET. (ON GANG)

Stage Gains

Bc. and I.F.  
Ant. to R.F. grid 8x at 1000 Kc.  
R.F. grid to conv. grid 9.6x at 1000 Kc.  
Conv. grid to I.F. grid 39x at 455 Kc.  
Overall audio 162x at .25 watt, 400 cycles.



Operation	Connect Oscillator to	Dummy Antenna	Input Signal Frequency	Band	Set Dial At	Trimmers	Purpose
1	Converter Grid	.5 wtd.	455 Kc.	BC	600 Kc.	A, B, C, D	Align I.F.
2	1 turn loop made from generator or Radex Loop		1600 Kc.	BC	1600 Kc.	F	Set osc. to scale at 1600 Kc.
3			1400 Kc.	BC	1400 Kc.	H, G	Align det. and ant. stage