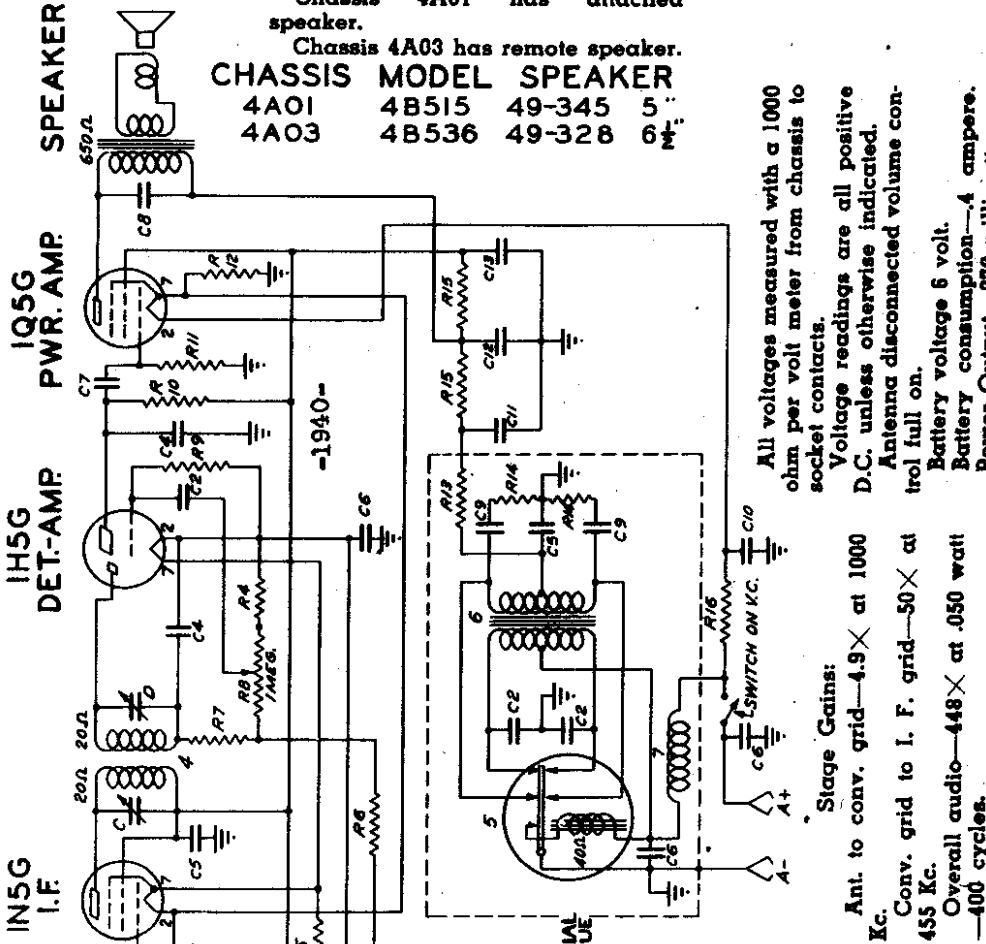


ZENITH RADIO CORP.

MODEL 4B515, Ch. 4A01
 MODEL 4B536, Ch. 4A03

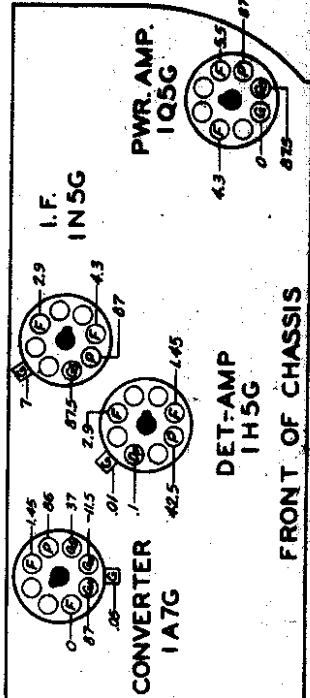
NOTE
 Chassis 4A01 has attached speaker.
 Chassis 4A03 has remote speaker.
CHASSIS MODEL SPEAKER
 4A01 4B515 49-345 5"
 4A03 4B536 49-328 6"



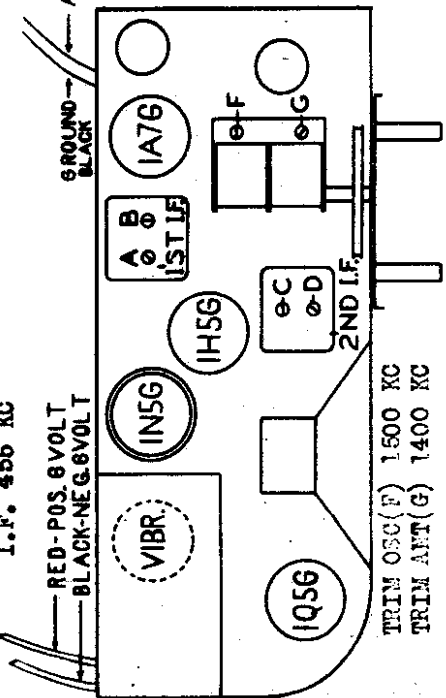
All voltages measured with a 1000 ohm per volt meter from chassis to socket contacts.
 Voltage readings are all positive D.C. unless otherwise indicated.
 Antenna disconnected volume control full on.
 Battery voltage 6 volt.
 Battery consumption—4 ampere.
 Power Output—370 milliwatts.

Stage Gains:
 Ant. to conv. grid—4.9X at 1000 Kc.
 Conv. grid to I. F. grid—50X at 455 Kc.
 Overall audio—448X at .050 watt—400 cycles.

DIAG. NO.	PART NO.	DESCRIPTION
1	20-308	ANTENNA COIL
2	S-6381	OSCILLATOR COIL ASSEMBLY
3	95-589	1ST I.F. TRANS.
4	95-590	2ND I.F. TRANS.
5	198-17	VIBRATOR
6	95-685	POWER TRANSFORMER
7	S-5043	PHONE ASSEMBLY
8		1ST I.F. TRANS. PRI.
9		1ST I.F. TRANS. SEC.
10		2ND I.F. TRANS. PRI.
11		2ND I.F. TRANS. SEC.
12		CAST OSC. (ON GANG)
13		ANT. SW. CAST (ON GANG)



Tuning range—540 Kc.—1740 Kc.
 CONVENTIONAL I.F. ALIGNMENT
 DENOTES CHASSIS 'GROUND'
 I.F. 455 KC



DIAG. NO.	PART NO.	DESCRIPTION	WATTAGE
C1	22-690	170 GANG VARIABLE	1/4 W.
C2	22-826	.01 MFD.	1/4 W.
C3	22-829	.05 MFD.	1/4 W.
C4	22-162	10001 MFD.	1/4 W.
C5	22-820	.05 MFD.	1/4 W.
C6	22-199	.5 MFD.	1/4 W.
C7	22-243	.01 MFD.	1/4 W.
C8	22-418	.04 MFD.	1/4 W.
C9	22-968	.04 MFD.	1/4 W.
C10	500MFD.	ELECTROLYTIC	1/4 W.
C11	15MFD.	ELECTROLYTIC	1/4 W.
C12	22-742	10 MFD. ELECTROLYTIC	1/4 W.
C13			1/4 W.
R1	63-597	470 M OHM	1/4 W.
R2	63-595	100M OHM	1/4 W.
R3	63-594	68M OHM	1/4 W.
R4	63-583	1000 OHM	1/4 W.
R5	63-256	220M OHM	1/4 W.
R6	63-669	3.9 MEG OHM	1/4 W.
R7	63-593	47M OHM	1/4 W.
R8	63-1079	VOLUME CONTROL	1/4 W.
R9	63-976	15 MEG OHM	1/4 W.
R10	63-271	1 MEG OHM	1/4 W.
R11	63-600	2.2 MEG OHM	1/4 W.
R12	63-1060	90 OHM WREWOUND	1/4 W.
R13	63-577	100 OHM	1/4 W.
R14	63-697	100 OHM	1/4 W.
R15	63-605	1000 OHM	1/4 W.
R16	63-1061	7 OHM	1/4 W.