

Zenith Radio Corp.

Model: 5G537

Chassis:

Year: Pre April 1941

Power:

Circuit:

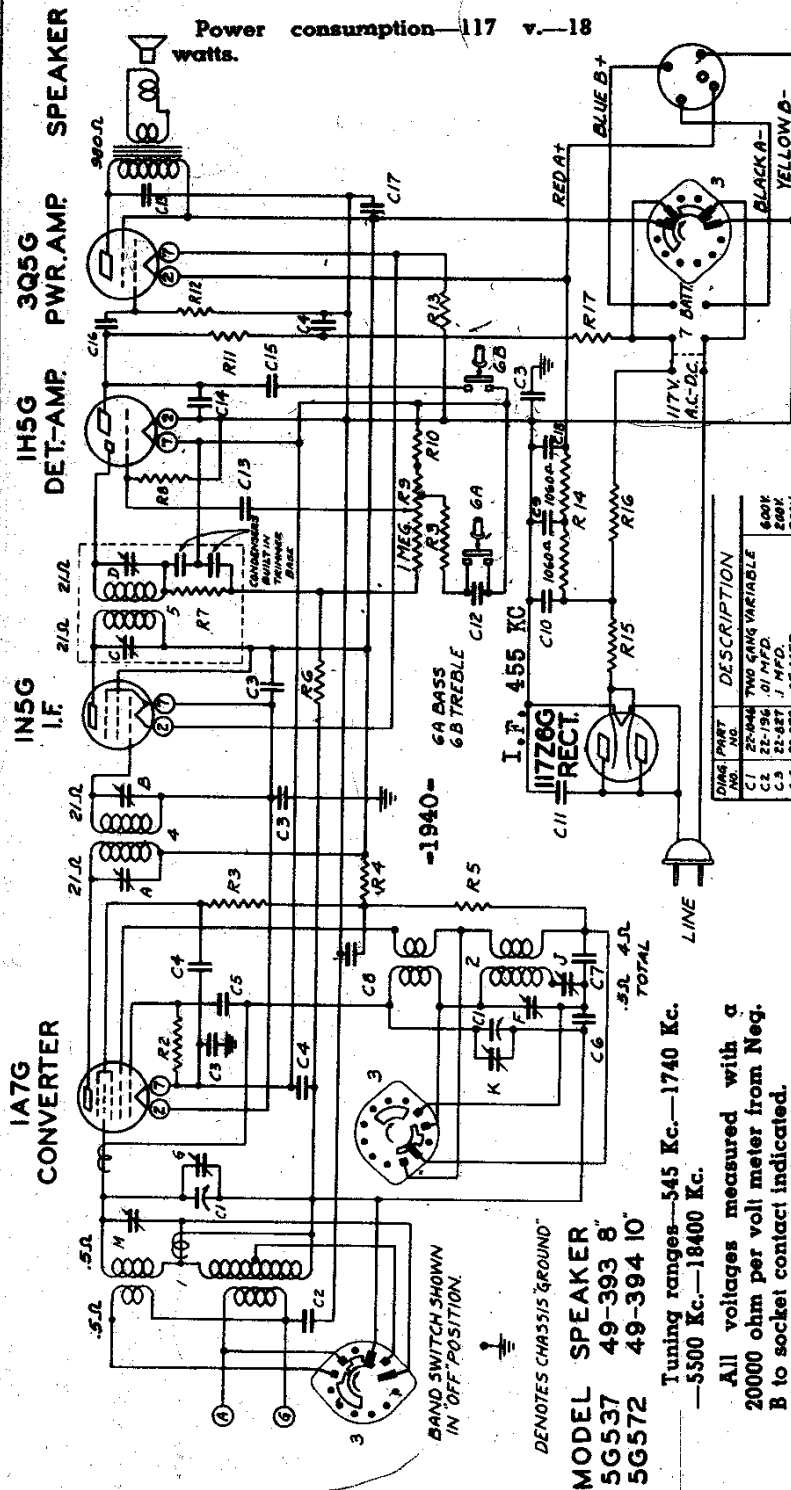
IF:

Tubes:

Bands:

Resources

Riders Volume 12 - ZENITH 12-6



Power consumption—117 v.—18 watts.

FOR ALIGNMENT SEE INDEX

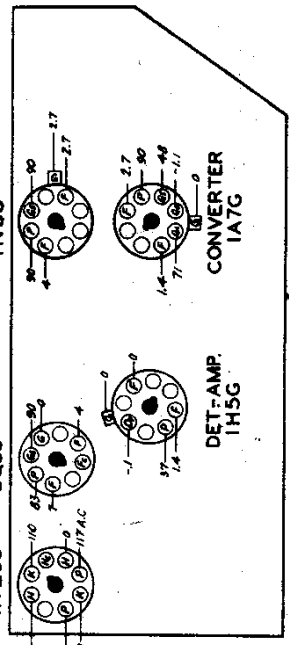
DIAG. PART NO.	DESCRIPTION	QTY.
R12	5G537 2-Z MEG OHM	1
R13	63-097 870 OHM WIRE WOUND	1
R14	63-120 2-SECTION CAND OHM	1
R15	63-104 100 OHM WIRE WOUND	2
R16	63-605 1000 OHM	4
R17	63-551 470 OHM	1
Z	5-9503 ANT. COIL ASSEMBLY	1
Y	5-9510 OSC. COIL ASSEMBLY	1
5	63-321 2-SECTION SELECTOR SWITCH	1
6	58-712 2-SE. I. F. TUNING RANGE	1
7	5-9551 TONE CONTROL SWITCH ASSEM.	1
85-171	POWER SWITCH	1

Stage Gains:

Ant. to conv. grid—4 × at 1000 Kc.
 Conv. grid to I. F. grid—129 × at 455 Kc.
 Overall audio—476 × at .050 watt, 400 cycles.

DIAG. PART NO.	DESCRIPTION	QTY.
C1	22-244M TWO GANG VARIABLE	600K
C2	22-156 .01 MFD.	200K
C3	22-827 .1 MFD.	200V
C4	22-829 .05 MFD.	644K
C5	22-829 .50 MFD.	644K
C6	22-022 .005 MFD.	644K
C7	22-182 .0025 MFD.	644K
C8	22-100T 10 MFD. ELECTROLYTIC	150K
C9	22-100T 50 MFD. ELECTROLYTIC	150K
C10	22-026 .01 MFD.	200K
C11	22-492 .005 MFD.	600V
C12	22-470 .0015 MFD.	600V
C13	22-827 .01 MFD.	600V
C14	22-827 .01 MFD.	600V
C15	22-827 .01 MFD.	600V
C16	22-827 .01 MFD.	600V
C17	22-100T COMPLETE ELECTROLYTIC	25V.
R2	63-654 180N OHM	1/4 W.
R3	63-593 47H OHM	1/4 W.
R4	63-635 3300 OHM	1/4 W.
R5	63-646 8200 OHM	1/4 W.
R6	63-646 8200 OHM	1/4 W.
R7	63-713 47H OHM	1/4 W.
R8	63-376 15 MEG OHM	1/4 W.
R9	63-1124 VOLUME CONTROL	1/4 W.
R10	63-587 4700 OHM	1/4 W.
R11	63-571 1 MEG OHM	1/4 W.

Tuning ranges—545 Kc.—1740 Kc.
 —5500 Kc.—18400 Kc.
 All voltages measured with a 20000 ohm per volt meter from Neg. B to socket contact indicated.



VOLTAGES MEASURED TO A.C. LINE AT ELECTROLYTIC CONDENSER