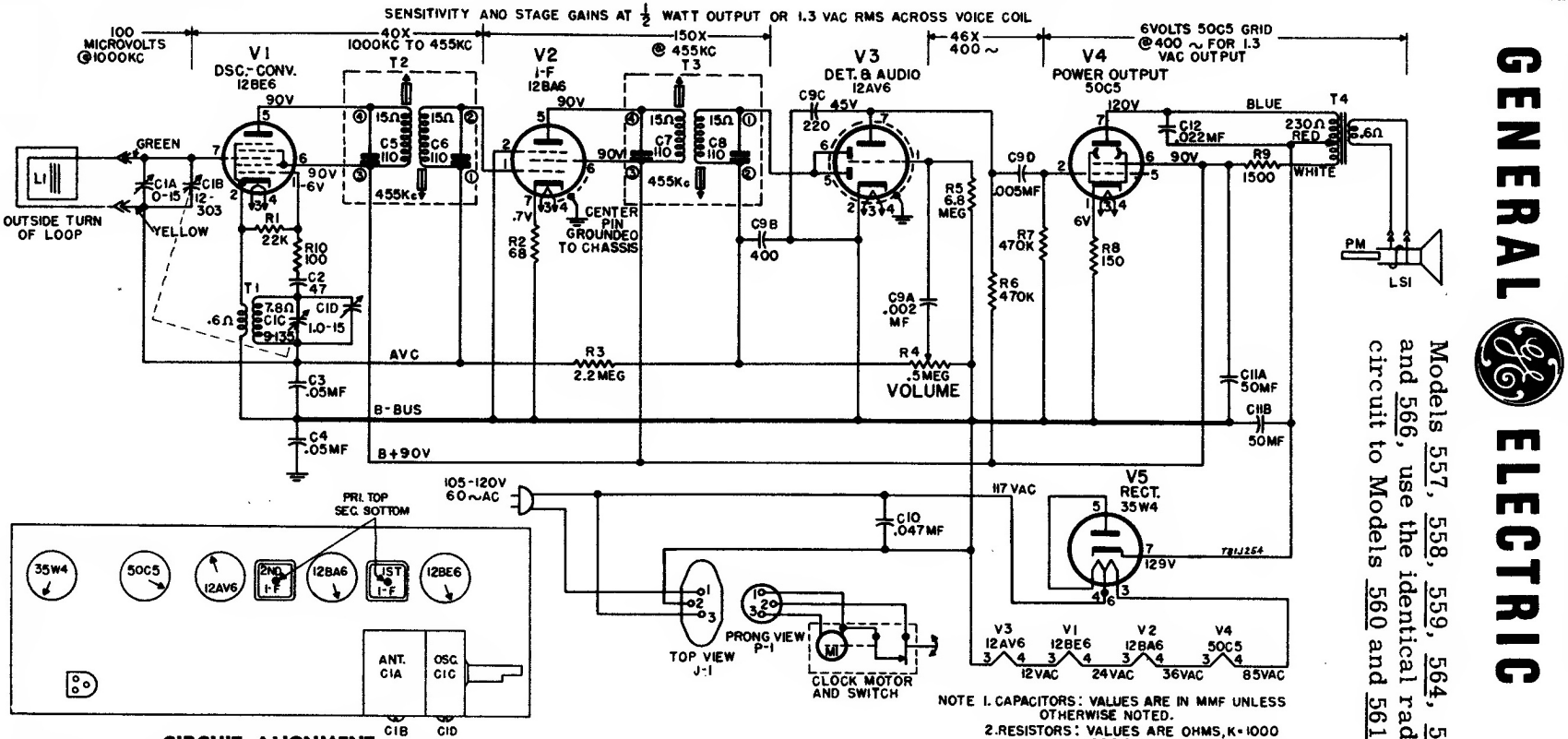
GENERAL ELECTRIC

MODEL 560 AND 561

CLOCK-RADIO RECEIVERS

Models 557, 558, 559, 564, 565, and 566, use the identical radio circuit to Models 560 and 561.



NOTE 1. CAPACITORS: VALUES ARE IN MMF UNLESS OTHERWISE NOTED.
2. RESISTORS: VALUES ARE OHMS, K=1000 MEG=1,000,000.
3. SOCKET CONNECTIONS: PIN *8 ON EACH SOCKET IS A DUMMY PIN USED FOR A SPARE TERMINAL. A SMALL HOLE IN THE TUBE SOCKET BETWEEN PINS *1 & 8 IS USED TO KEY THESE PINS.
4. ALL D.C. VOLTAGES MEASURED AT 117 VOLTS LINE ON A 20,000 OHMS PER VOLT METER. ALL VOLTAGES ARE D-C UNLESS OTHERWISE NOTED. READINGS TAKEN BETWEEN TUBE PIN TERMINALS & B-.

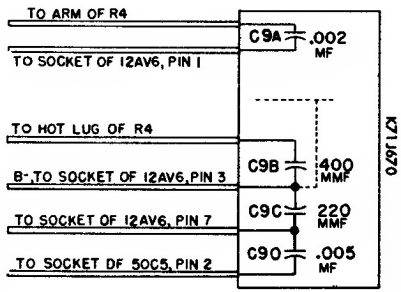
CIRCUIT ALIGNMENT

Always have Volume control at maximum and use the minimum amount of signal input necessary to produce a suitable output response.

ALIGNMENT CHART

Step	Connect Test Oscillator To	Test Osc. Setting	Tuning Gang Setting	Adjust for Max. Output
	I-F ALIGNMENT			
1	V2, 12BA6, grid (pin 1) in series with .05 mfd.	455 KC		Cores of 2nd i-f transformer T3
2	V1, 12BE6, grid (pin 7) in series with .05 mfd.			Cores of 1st i-f transformer T2
3				Recheck adjustment of T2, T3
	R-F ALIGNMENT			
4	Inductively coupled to radio loop	1620 KC	Open	C1D
5		1500 KC	For Maximum Output	C1A*

*Rock tuning for maximum, while adjusting C1A.



Bullplate Connections

The i-f cores at the bottom of the chassis may be reached through holes provided in the metal chassis bottom plate. The "mechanized" sub-chassis construction uses a textolite strip covering the bottom of the chassis. For replacement, components may be clipped off short so as to leave enough lead length attached to the textolite sub-chassis to which leads of the new component may be crimped and soldered. Although it should seldom be necessary to reach the bottom of the sub-chassis, the textolite strip may be tilted upward upon removing the power cord strain relief grommet and disconnecting the wire leads from each i-f transformer. To remove or replace an oscillator coil, heat all four connections simultaneously if possible, or alternately heat one pair and then the other as the coil is rocked out or into position. If desired, the old coil may be destroyed and the pins removed separately.