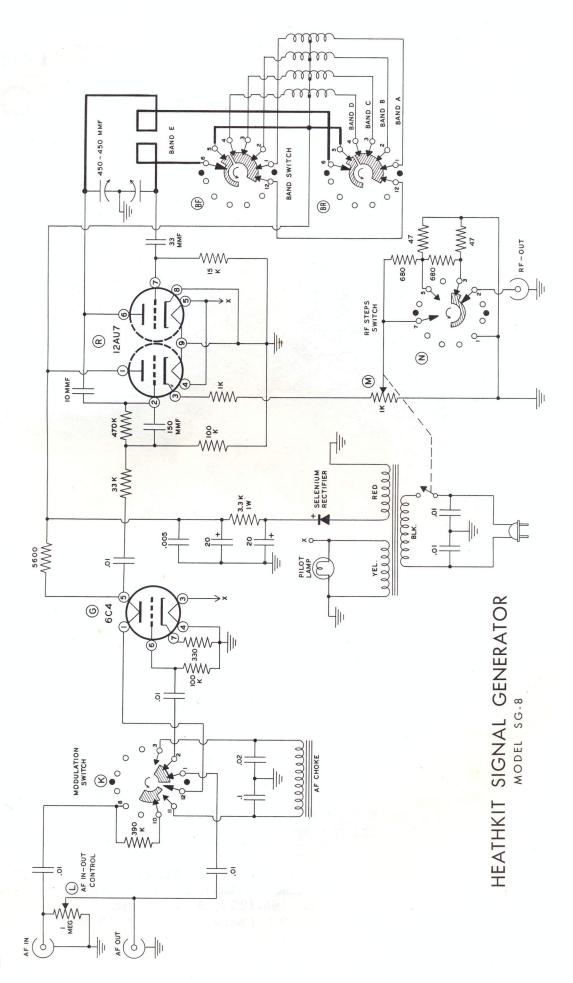
ASSEMBLY AND OPERATION OF THE HEATHKIT SIGNAL GENERATOR

MODEL SG-8

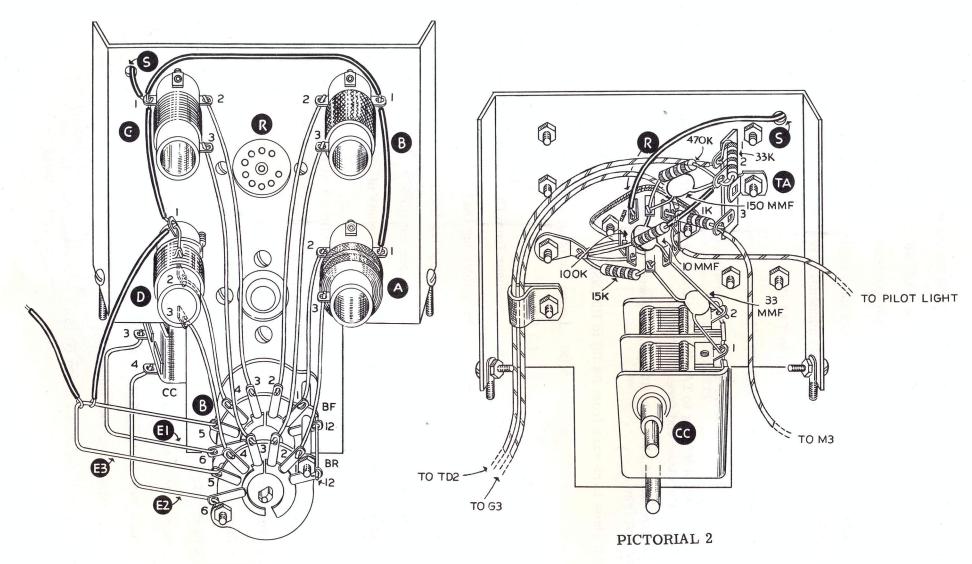


SPECIFICATIONS

Frequency Range	
Band A	160 kc to 500 kc
Band B	500 kc to 1650 kc
Band C	1.65 mc to 6.5 mc
Band D	
Band E	
Calibrated Harmonics	
Radio Frequency Output	
Modulation Frequency	Approximately 400 cycles
Audio Output	2 to 3 volts
Audio Frequency Input	Approximately 5 v across 1 megohm
Tubes	11
12AU7	RF Oscillator-Buffer
6C4	Audio Oscillator or Audio Amplifier
Power Requirements	105-125 v. 50/60 cycles
Cabinet Size	\dots 9 1/2 wide x 6 1/2 high x 5 deep
Shipping Weight	7 lbs.



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PICTORIAL 1

- () Mount the audio choke on top of the chassis to the rear of the tube socket. Use 3/8 6-32 screws, placing a solder lug under the nut nearest the tube socket and the lockwasher under the other nut. Position the solder lug as shown in Figure 6.
- () Mount the power transformer on top of the chassis opposite the audio choke. Position the transformer in such a manner that the red and yellow leads pass through the grommet nearest the chassis edge.
- () On the back mounting screw of the transformer, place a solder lug on the under side of the chassis. Position as shown in Figure 6.
- () On the front mounting screw, mount a 2-lug terminal strip TC. Position as shown in Figure 6. Use a lockwasher under the nut.
- () Using 3/8 6-32 screws, mount a solder lug at hole H and a 3-lug terminal strip TB at hole J, using a lockwasher on the latter. Position as shown in Figure 6.
- () Mount the sub-chassis to the chassis by inserting the sub-chassis spade bolts through the small holes on either side of the large chassis cutout. Care must be taken to prevent damage to the E band coils at this time. Lower the sub-chassis through the hole at a slight angle to clear the E band coils, and at the same time permit the band switch shaft to drop down into the slotted hole in the front of the chassis.

