

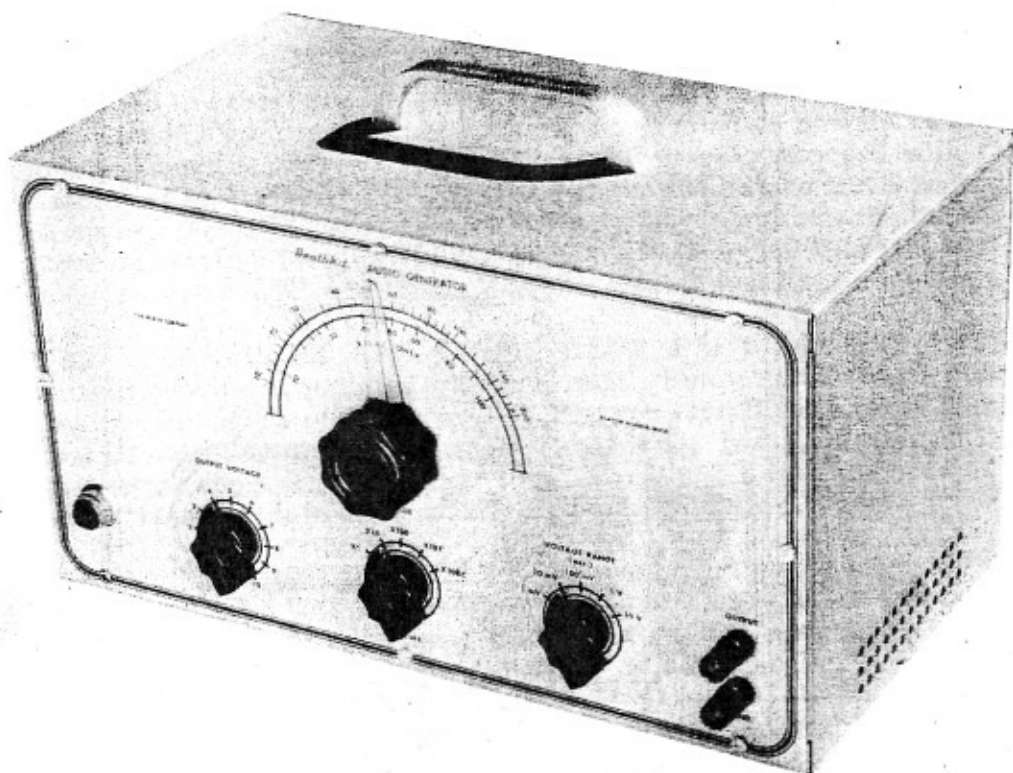
PARTS LIST

When ordering replacement parts, be sure to specify the part number shown below.

Part No.	Parts per kit	Description	Part No.	Parts per kit	Description
Resistors			Miscellaneous		
1-41A	1	5.6 ohm 1 w. 5% Composition	54-5	1	Power transformer
1-49	2	22 " $\frac{1}{2}$ w. "	75-5	1	Condenser insulator plate
1-62	1	51 " $\frac{1}{2}$ w. 5% "	89-1	1	Line cord
1-66	1	150 " $\frac{1}{2}$ w. "	100-M10	1	Pointer assembly
1-13B	1	220 " 2 w. "	340-2	1	Length bare wire
1-42	1	270 " $\frac{1}{2}$ w. "	344-1	1	Length hookup wire
1-63	1	510 " $\frac{1}{2}$ w. 5% "	346-1	1	Length sleeving
1-44	1	2.2K " $\frac{1}{2}$ w. "	462-6	1	Fluted knob
1-64	1	5.1K " $\frac{1}{2}$ w. 5% "	462-M11	3	Pointer knobs
1-65	1	51K " $\frac{1}{2}$ w. 5% "	453-5	1	Insulated coupling
1-47	3	56K " $\frac{1}{2}$ w. "	481-1	1	Condenser wafer
1-35	2	1 megohm $\frac{1}{2}$ w. "	Metal Parts		
2-53	2	2K ohm Precision	200-M33	1	Chassis
2-38	2	20K " "	203-M38F3	1	Panel
2-54	2	200K " "	211-1	1	Handle
2-55	2	2 megohm "	90-4	1	Cabinet
2-56	2	20 " "	Sockets, Terminal Strips		
3-3E	1	1K 5 w. Wire-wound	434-2	2	Octal tube sockets
3-4E	2	4K 5 w. Wire-wound	434-15	2	Miniature tube sockets
Condensers			434-23	1	Lamp socket, candleabra
26-8	1	Two section variable (Frequency)	431-1	2	One lug terminal strip
31-5	1	Ceramic trimmer, 7-35 mmf.	431-4	1	Three lug terminal strip
23-11	2	0.1 mfd. 600 v. Paper	Pilot Light Assembly		
25-19	1	20 mfd. 150 v. Electrolytic	413-1	1	Jewel
25-10	1	20-20-20 mfd. 450 v. Electrolytic	455-1	1	Bushing
25-20	1	40 mfd. 150 v. Electrolytic	434-22	1	Socket
Controls and Switches			252-12	1	Nut
10-19	1	5K Control (Calibrate)	Hardware		
19-11	1	100K Control with switch (Output Voltage)	73-1	1	3/8 Rubber grommet
63-37	1	1 pole 5 position Rotary switch (Voltage Range)	250-2	4	3-48 Machine screws
63-41	1	2 pole 5 position Rotary switch (Range)	250-8	10	#6 Sheet metal screws
Tubes and Lamps			250-15	2	#8 Set screws
411-13	1	6SJ7GT Tube	250-9	17	6-32 Machine screws
411-17	1	6X5GT Tube	250-19	2	Handle screws
411-42	2	6AK6 Tubes	250-22	3	Knob set screws
412-1	1	#47 Panel lamp	252-1	4	3-48 Hex nuts
412-2	1	120 v. 3 w. Lamp	252-3	15	6-32 Hex nuts
Binding Post Assembly			252-4	2	8-32 Hex nuts
100-M16	2	Cap assemblies	252-7	4	Control nuts
427-2	2	Base	253-1	1	Flat fiber washer
			253-2	2	Shoulder fiber washer
			253-10	3	Flat washer, control
			254-1	13	#6 Lockwasher
			254-2	2	#8 Lockwasher
			254-4	4	Control lockwasher
			259-1	6	#6 Solder lugs
			261-1	4	Rubber feet

ASSEMBLY AND OPERATION OF THE HEATHKIT AUDIO GENERATOR

MODEL AG-8



SPECIFICATIONS

Frequency range	20 cps to 1 mc in five ranges
Output voltage	10 volts (no load) plus or minus 1 db 20 cps to 400 kc; down 3 db at 600 kc; down 8 db at 1 mc.
Generator impedance	600 ohms
Distortion	less than 0.4%, 100 cps through audible range
Power requirements	30 watts, 105-125 volts 50-60 cycles AC
Dimensions	7½" high, 13¼" wide, 7½" deep
Shipping weight	15 lbs.