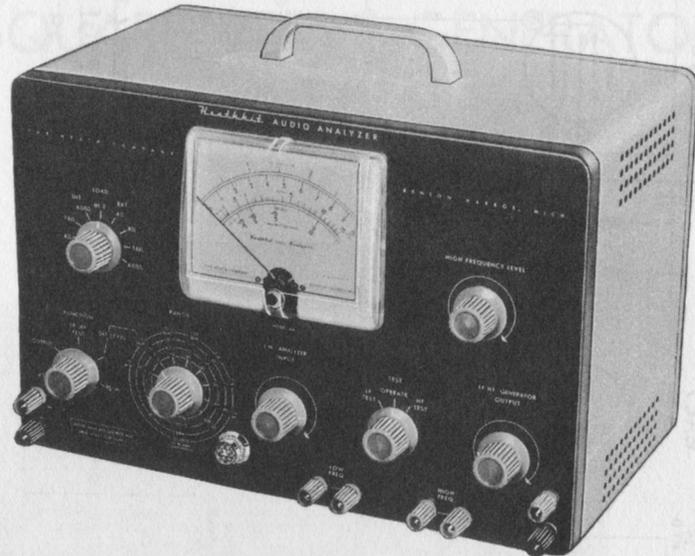


HEATHKIT AUDIO ANALYZER MODEL AA-1



SPECIFICATIONS

Frequency Response:

AC VTVM.....	10 cycles to 100 kc ± 1 db.
Wattmeter	10 cycles to 50 kc ± 1 db.
I.M. Analyzer High Pass Filter.....	2000 cps to 12000 cps.
I.M. Analyzer Low Pass Filter.....	10 cps to 600 cps.

Sensitivity:

AC VTVM.....	10 millivolts full scale maximum.
Wattmeter15 milliwatts full scale maximum.
I.M. Analyzer04 volts minimum high frequency signal required or .17 volts of LF and HF energy mixed 4:1.

Range:

AC VTVM.....	.01, .03, .1, .3, 1, 3, 10, 30, 100, 300 volts RMS full scale.
DBM.....	-40, -30, -20, -10, 0, +10, +20, +30, +40, +50 reads from -65 to +52 dbm.
Wattmeter15 mw, 1.5 mw, 15 mw, 150 mw, 1.5 w, 15 w, 150 w full scale. Maximum continuous power 25 watts, intermittent power to 50 watts.
I.M. Analyzer	1%, 3%, 10%, 30%, 100% full scale.

Input Impedance:

AC VTVM.....	1 megohm or 4, 8, 16 or 600 Ω , switch selected.
I.M. Analyzer.....	1 megohm or 4, 8, 16 or 600 Ω , switch selected.
Wattmeter	4, 8, 16 or 600 Ω internal load, 10,000 Ω across external load.

Output Impedance:

Low and High Frequency Output..... 3000 Ω (600 Ω when shunted with 750 Ω resistor).

Internal Generator Frequencies:

Low Frequency..... 60 cycles.
High Frequency..... Approximately 6 kc.

Accuracy:

AC VTVM and Wattmeter..... Within 5% of full scale.
I.M. Analyzer..... Within 10% of full scale.

General:

Multipliers..... Precision type.
Meter..... 4 1/2" streamlined case with 200 microampere movement.

Meter Rectifier..... Germanium diode bridge.

Tube Complement.....
1 - 12AT7
1 - 12AU7
1 - 12AX7
1 - 6C4
1 - 6X4

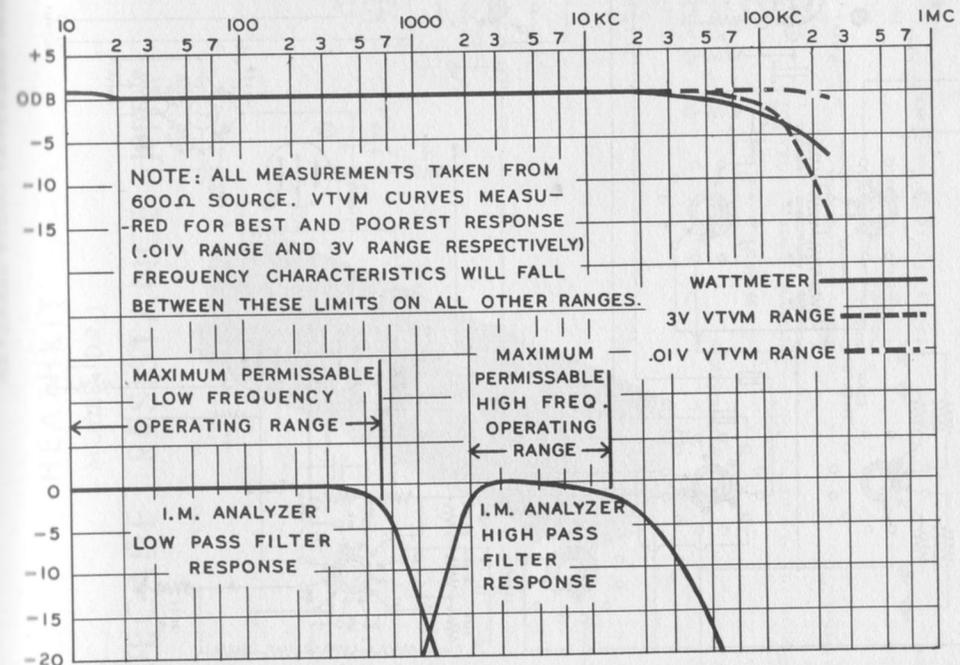
Power Supply..... Transformer, full wave rectifier.

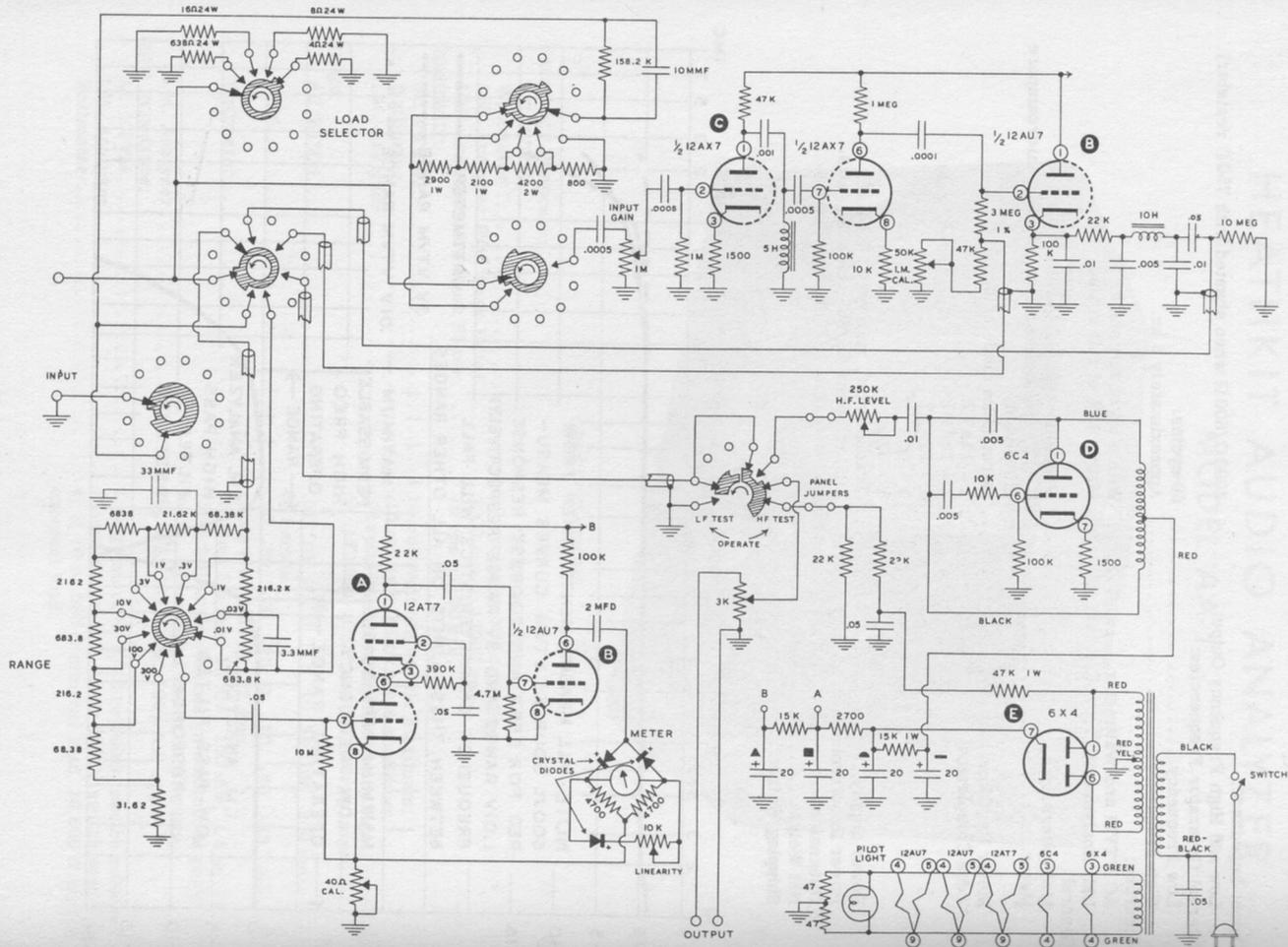
Power Requirements..... 105-125 volts 50/60 cycles 20 watts.

Dimensions..... 13" wide x 8 1/2" high x 7" deep.

Net Weight..... 9 lbs.

Shipping Weight..... 13 lbs.





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