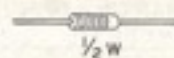
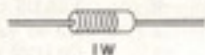


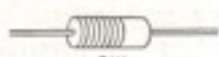
# RESISTORS



1/2 W



1 W



2 W

# GROMMETS



3/8"



3/4"

# SCREWS



3-48



4-40



6-32



8-32



SHEET METAL

# LOCKWASHERS



3-48



4-40



6-32



8-32



CONTROL



CONTROL WASHER



T-NUT



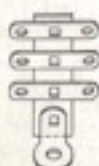
SPEED NUT

MICA CONDENSER

SPRING CATCH PIN

SPRING CATCH CLIP

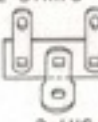
TERMINAL STRIPS



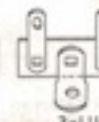
3-DUAL LUG  
431-4



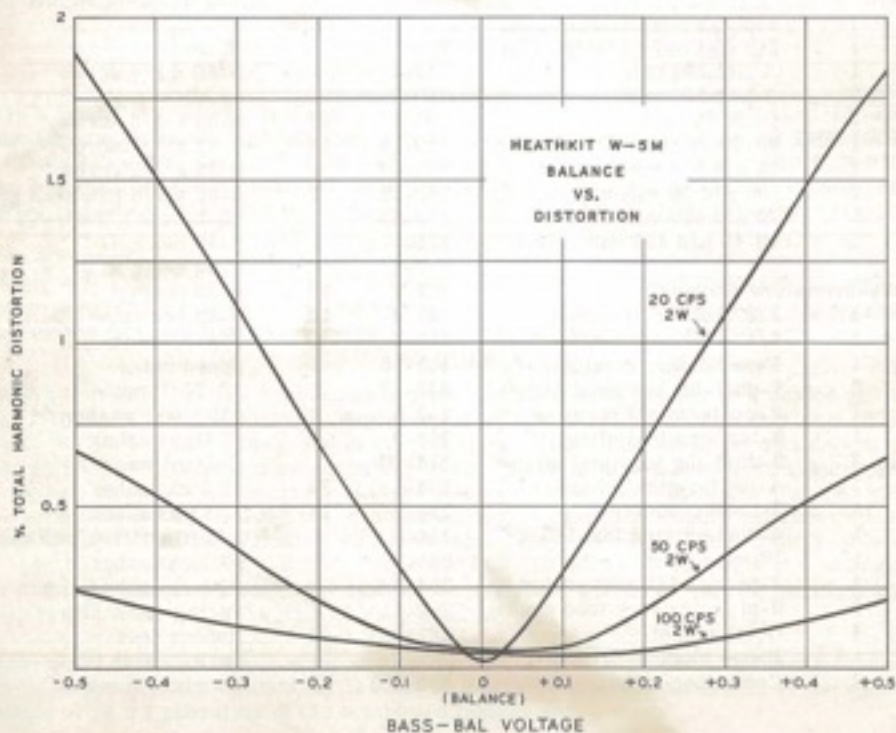
1-DUAL LUG  
431-1

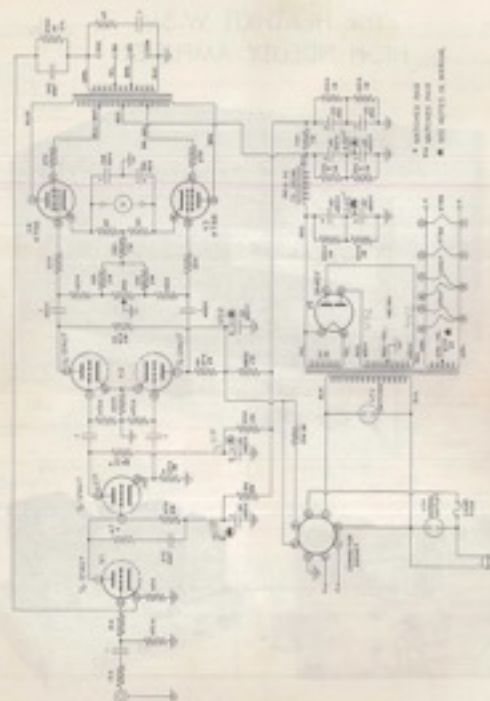


2-LUG  
431-2



3-LUG  
431-3





THE HEATHKIT W-5M HIGH FIDELITY AMPLIFIER

# SPECIFICATIONS

NOTE: There is, as yet, no general agreement for specifying amplifier performance. A cursory review of specifications may easily give a highly distorted picture of the characteristics of the amplifier. In general, it may be assumed that the most important specifications are those which are not shown.

At first glance, the specifications presented here may seem quite complex and possibly confusing. We feel that it is necessary to provide you with complete and factual information about the Heathkit W-5M Amplifier. We urge your direct comparison of these figures against those for competitive amplifiers. It is our intention to furnish you with enough information to point up the fact that, in general, only the most optimistic technical information reaches the prospective buyer of high fidelity amplifiers.

The specifications below have been taken with the most modern and accurate test equipment available today. They are actual measurements taken on a typical amplifier, under carefully controlled conditions, not to present the most favorable advertising information, but in strict accordance with all generally accepted standard conditions. These conditions are listed at the end of this specification.

Minor variations from these specifications may be encountered in kit-assembled amplifiers. Such factors as exact lead placement, component variations and tube characteristics are possible sources of deviations. In a highly stabilized amplifier, such as the W-5M, these variables may be disregarded from a performance point of view.

## POWER OUTPUT:

Rated Power..... 25 watts  
Maximum Average Power..... 35.5 watts  
Peak Power..... 47.5 watts

Power Output Related to Frequency..... See Figure 1

Please note that on the 15, 20 and 25 watt curves, portions of the characteristics have been broken. Power measurements cannot be considered valid in this region because they were made with meters calibrated to RMS values. Waveform distortion in the broken areas was sufficient to invalidate such readings.

On the power curves, asterisks have been used to designate overload points at both low and high frequency limits.



Figure 1