

Specs for the Nace M1-7 amplifier



Power rating- 7 watts

Class A

Cathode Biased

Tubes- Accepts the following tubes with no re-biasing necessary:

Preamp- 12AT7, 5751, ECC83, and 12AX7

Power- 6V6 and 6L6

Controls- Volume, Treble, and Bass

Input/Output- ¼" Mono

Impedance Selector- 4, 8, and 16 ohm

On/Off Switch- Rocker type with built in fuse compartment

Power On Indicator Light- Super-bright blue LED

All measurements listed below were taken using "Groove Tubes" preamp tube ECC83 and power tube 6V6S with a rating of "high."

Parameters - THD and noise were measured at 1 KHz with the bass and treble controls at their minimum settings, the volume set at 12 o'clock, and measured into 8 ohms resistive.

Power Out (Watts)	THD	Noise
1	0.89%	-60 db nominal
2	2.0%	-73 db nominal
3	3.5%	-75 db nominal
4	4.6%	-76 db nominal
5	6.6%	-77 db nominal
6	9.2%	-78 db nominal
7	14.0%	-78.6 db nominal

Additional Noise Measurements

Parameters- Noise levels measured at 5 watts into 8 ohms resistive.

With the bass and treble at their minimum settings and the volume at its maximum:

Noise -65.5 db nominal

With the bass, treble, and volume at their maximum settings:

Noise -60.6 db nominal

Power out at onset of clipping is 5 watts, nominal.

The amp has built in power conditioning via the TFPM which enables the above specifications to be valid for the following input profile: 117Vrms +/- 15%, 48 Hz to 1 KHz or from 100VDC to 180VDC. Power out will not fluctuate over the specified input voltage range.

Power in is 36 watts nominal at 5 watts out.