

SPECIFICATION SHEET



50W 80hm & 70V Audio Amplifiers

- Available in 50W and 70V formats
- Meets all UL, FCC and Plenum requirements
- Class D Amplifier type
- TAA compliant

Specifications: 50W 8Ohm & 70V Audio Amplifiers

Electrical Characteristics:

Impedance :	>18K Ω unbalanced
Frequency Response (40880):	20Hz to 20 KHz (+1dB -3dB)
Frequency Response (40881):	100Hz to 20 KHz (+1dB -5dB)
THD + Noise:	< $\pm 0.05\%$ @ 1 KHz at nominal level (1 watt)
Signal Noise:	>80dB
Input Sensitivity:	-10dBV (316mV)

Physical Characteristics:

Amplifier Type:	Class D
Output Power (40880):	Mono—50 watt $\pm$ 3 watt at 1KHz, 4ohm load Stereo—25watt + 25watt $\pm$ 3watt at 1KHz 15+15 W, 8 ohm load
Output Power (40881):	1 Single channel mono 70V $\pm$ 3V at 1KHz, 70V, 50W, THD < 1% $\pm$ 0.5% 1 Single channel mono 25V $\pm$ 3V at 1KHz, 25V, 50W, THD < 1% $\pm$ 0.5%
External Power Supply:	100VAC to 240VAC
Enclosure:	Metal
Operating Temperature:	0 TO +50° C / 10% TO 90% RH, Non-condensing
Storage Temperature:	-25° TO +70° C / 10% TO 90% RH, Non-condensing
Dimensions:	1.49 x 4.31 x 4.54"
Approvals:	RoHS2, FCC, UL, Plenum

Part Number	Description	Weight (lbs)
40880	50W 8Ohm Audio Amplifier	
40881	70V Audio Amplifier	



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