



SPREADING CLEAR SOUND
AROUND THE WORLD

H4PA-2-150(-T)

Datasheet



General Description

The H4PA-2-150(-T) is a two channel Class-D power amplifier with an output power of 150W per channel. Both channels can be configured either as a 100V - high impedance output, or a low impedance 4Ω output (T version) or are exclusively used with 4Ω output (standard version). With both analog XLR and digital USB-B inputs for each channel, it provides a flexible platform for various applications, such as bars, restaurants, offices, etc. The built-in DSP platform provides an excellent basis for further upgrades regarding user experience, audio signal processing and ease of integration. The 1HE low profile of the amplifier makes it perfect for tight and volume restricted spaces, while natural convection cooling of the amplifier ensures quiet operation in every application, without overheating concerns. The amplifier boasts a multitude of protective features, ensuring the amplifier stays protected even in the case of unwanted operation.

Key features:

- Lightweight Class-D amplifier
- Standard 19 inch rack size with low 1HE profile
- Two 100V/low impedance outputs (T version) or low impedance output (standard version), fully configurable by the user
- Analog XLR and digital USB-B inputs for each channel
- Versatile DSP platform

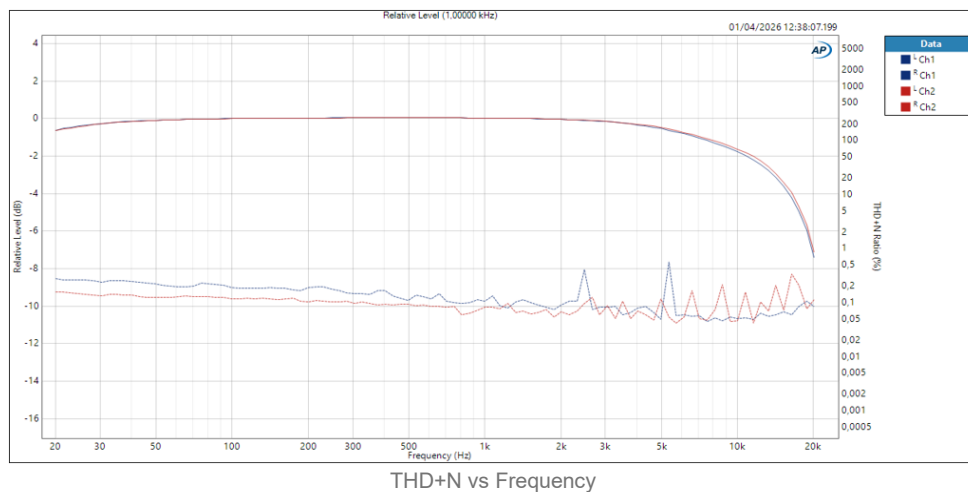
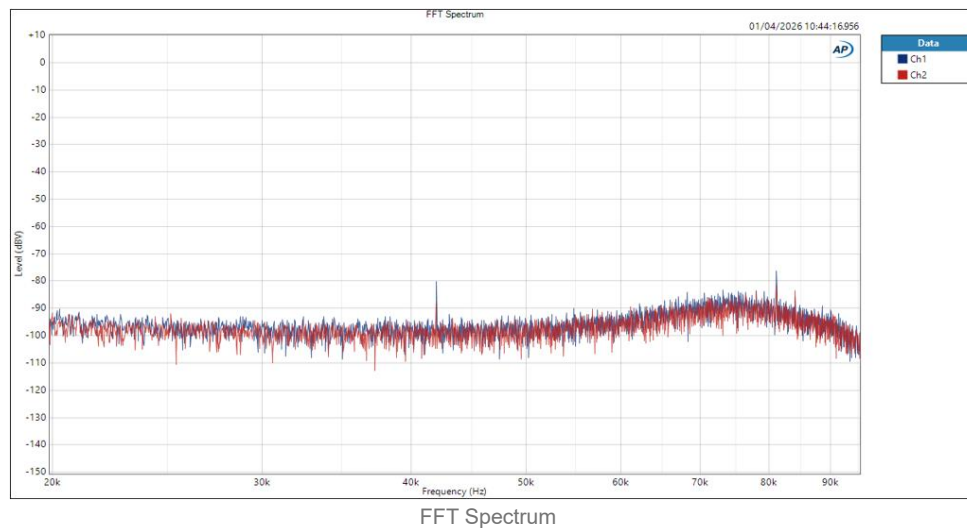
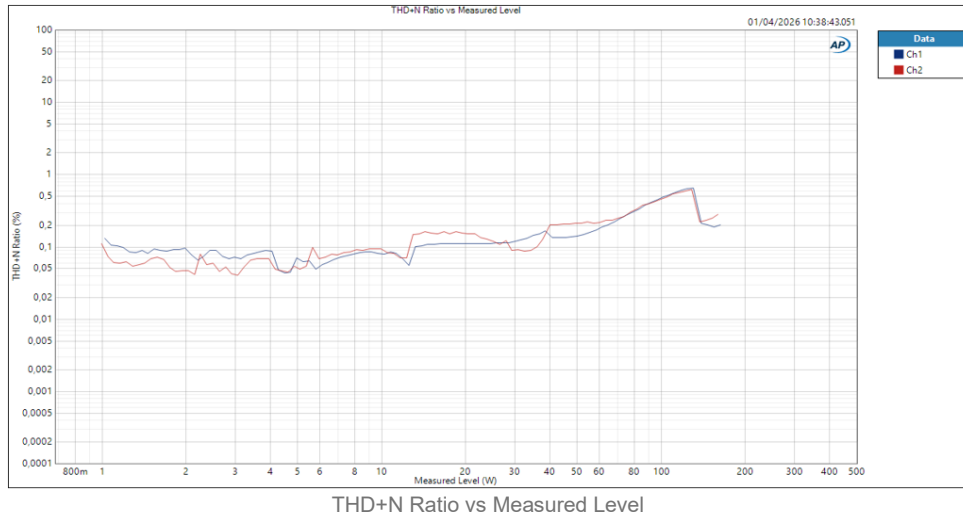
Applications:

- Bars and restaurants
- Offices and auditoriums
- Corporate spaces
- Public facilities

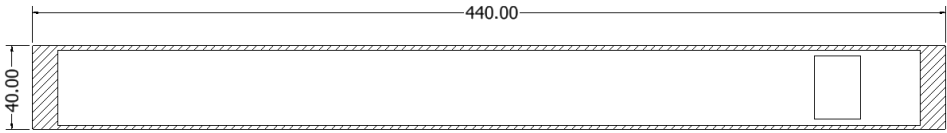
Technical specifications

Continuous output power (AES)	T version	@ 100 V	2 x 150W
		@ Lo-Z	2 x 150W
Min load impedance	T version	@ 100 V	66Ω
		@ Lo-Z	4Ω
Frequency response			20 Hz - 20 kHz
Total Harmonic Distortion + Noise @ 1kHz, ½ rated power			< 0.3%
Crosstalk			> 70 dB
Signal to Noise Ratio at ½ rated power			> 80 dB
Inputs	Type		Balanced Input Digital Input
	Connector		Female XLR Input USB-B Input
Output	Type		Loudspeaker Output
	Connectors		4-pin Euroblock ~ 5.08 mm
Protections			DC Short Circuit Output Short Circuit Overtemperature Overload
Cooling			Natural convection
Amplifier technology			Class-D
Power supply	Type		SMPS
	Range		110~120VAC / 60 Hz 230~240 VAC / 50 Hz
Weight	T version		7 kg
Power consumption	Idle		~ 8W
	1/8 rated power		50W
	Rated power		320W

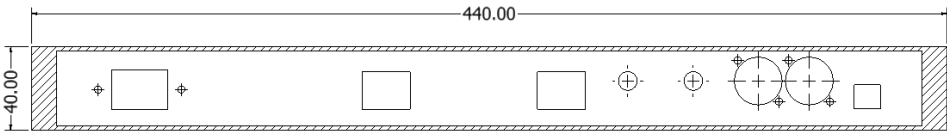
Typical Performance Graphs



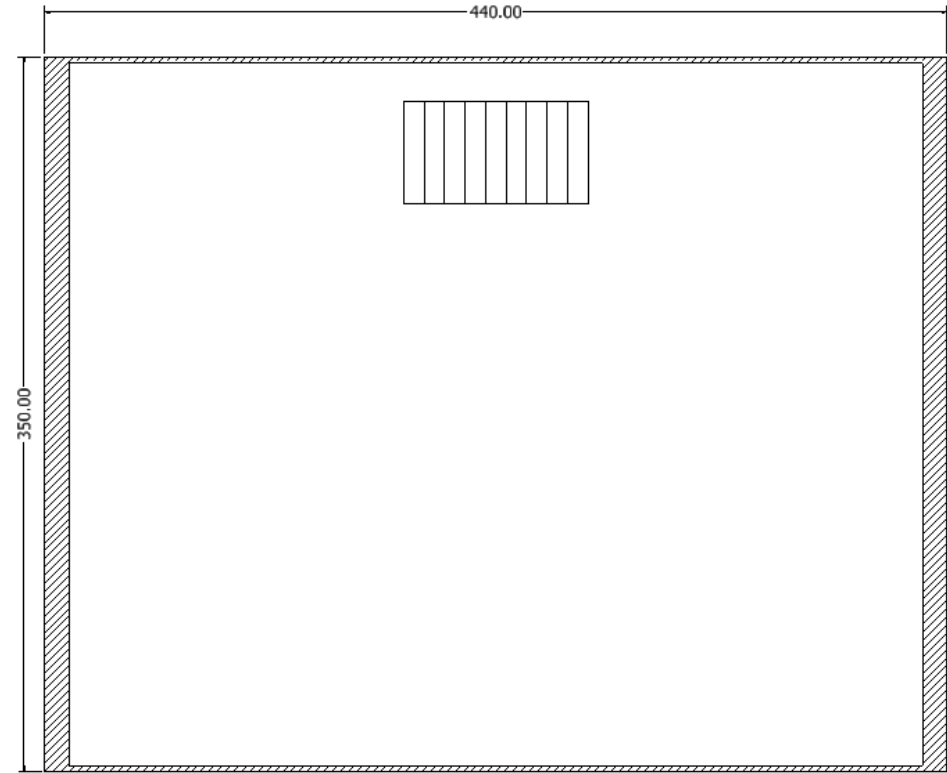
Dimensions and Technical Drawings



Front panel view



Back panel view



Top side view