HA series

HA-4000

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 15/09/2025

DAS AUDIO

KEY FEATURES

- Input Sensitivity Selector
- 2100 W x 2100 W at 4 Ω
- Stereo/Bridged/Parallel Operation
- SpeakON output connectors
- Clip, protection and signal present LED indicators

DESCRIPTION

The HA 4000 is the ultimate powerhouse in the HA Series, delivering extraordinary output and precision for the most demanding professional audio environments. With an impressive 1400 W per channel at 8 ohms, 2100 W per channel at 4 ohms, and a breathtaking 4250 W in bridged mode, the HA 4000 is engineered to handle the largest and most complex sound systems with ease.

Built on advanced Class-H topology, the HA 4000 dynamically adjusts the supply voltage to its output devices, optimizing energy efficiency while minimizing heat dissipation. This innovative design significantly reduces power consumption compared to traditional Class AB amplifiers, ensuring exceptional audio quality with ultra-low distortion (<0.5%) and a frequency response spanning 20 Hz to 20 kHz. Its outstanding signal-to-noise ratio of over 100 dB guarantees pristine sound reproduction across all frequency ranges.

Designed for versatility, the HA 4000 supports dual independent single-ended outputs, parallel outputs, and single-channel bridge mode, making it suitable for a variety of professional applications, from large-scale live events to high-fidelity permanent installations. With a damping factor greater than 200, the HA 4000 ensures precise control over low-frequency drivers, delivering tight, impactful bass and exceptional clarity.

Safety and reliability are at the core of the HA 4000's design. It features a robust set of protection mechanisms, including safeguards against short circuits, RF interference, and on/off muting, ensuring the safety of both the amplifier and connected systems. Its temperature-controlled cooling system, with internal heat sinks and variable-speed dual fans, maintains consistent performance even under the most demanding conditions.

The HA 4000 offers seamless connectivity with speakON connectors, binding post terminals, and XLR input and loop-thru connections, ensuring compatibility with a wide range of professional audio setups. Despite its immense power, the amplifier is designed for ease of use and installation, with compact dimensions (88 x 482 x 239 mm) and a durable build weighing 23.1 kg.

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SPECIFICATIONS

Output Power Ratings

Power 8 Ohms	2 x 1400 W
Power 8 Ohms Bridged	4250 W
Power 4 Ohms	2 x 2100 W

Electronics and Connectors

Amplifier Channels	2
Frequency Response	20 Hz - 20 kHz, +0 - 1 dB
Total Harmonic Distortion	<0.5% , 20 Hz - 20 kHz
Signal to Noise Ratio	> 100 dB @ 20 Hz - 20 kHz
Input Impeadance	20 kohms
Voltage gain	37 dB
Damping Factor	> 200 @ 10 Hz - 400 Hz
Controls	Power On/Off, Gain Pots
Cooling	Internal heat sinks with forced air: Fan cooled
Amplifier Protections	Protection against short circuits, no-load, on/off muting, RF interference.
LED Indicators	Power, Protection, Signal, Clip
Audio Signal Input Connector	2 x Female XLR
Audio Signal Loop Thru Connector	2 x Male XLR
Speaker Output Connector	2 x speakON
AC Input Connector	IEC
Current Draw 230 V / 115 V	15.2 A / -

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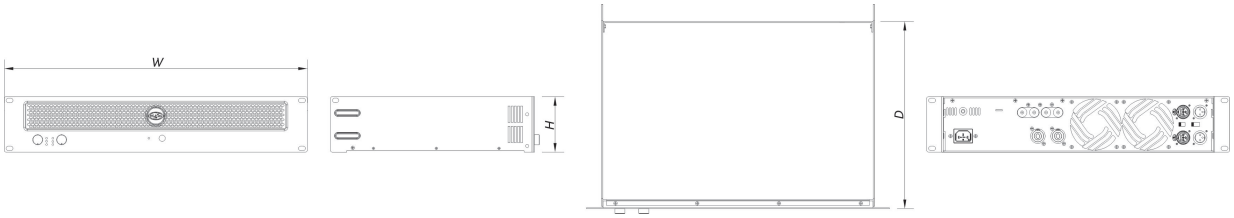
Dimensions-Weight

Dimensions (H x W x D)	88 x 482 x 239 mm 3,5 x 19,0 x 9,4 in
Net Weight	23,1 kg (51,0 lb)

Shipping

Carton Dimensions (H x W x D)	160 x 580 x 540 mm 6,3 x 22,8 x 21,3 in
Shipping Weight	21,0 kg (46,2 lb)

DIMENSIONS



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ORDERING INFORMATION

Model	Description	P/N
System		
HA-4000		10719040

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