

# HA series



## HA-900

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988  
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Updated (DD/MM/YYYY): 21/02/2025



## KEY FEATURES

- Input Sensitivity Selector
- 450 W + 450 W at 4  $\Omega$
- Stereo/Bridged/Parallel Operation
- SpeakON output connectors
- Clip, protection and signal present LED indicators

## DESCRIPTION

The HA 900 is part of the HA Series, a high-performance 2U rack-mount amplifier line designed for both installation and live portable audio applications. With an output of 350 W per channel at 8 ohms, 450 W per channel at 4 ohms, and up to 900 W in bridged mode, the HA 900 delivers the power and reliability required for medium to large sound systems, ensuring exceptional audio clarity even under demanding conditions.

Using advanced Class-H topology, the HA 900 dynamically adjusts the supply voltage to the output devices, ensuring energy efficiency while minimizing heat dissipation. This innovative design reduces power consumption compared to traditional Class AB amplifiers, making it an optimal choice for high-power applications. The result is low distortion (<0.5%) and exceptional audio quality across a frequency response of 20 Hz to 20 kHz, with a signal-to-noise ratio exceeding 100 dB.

The HA 900 offers flexible operating modes, including dual independent single-ended outputs, parallel outputs, and single-channel bridge mode, making it adaptable for a wide range of audio setups. The amplifier is engineered with a damping factor greater than 200, ensuring precise control over low-frequency transducers, which is particularly beneficial in music applications demanding tight, accurate bass reproduction.

To safeguard the system and connected components, the HA 900 features a comprehensive set of protection mechanisms, including safeguards against short circuits, RF interference, and on/off muting. Its robust cooling system, featuring internal heat sinks and variable-speed dual fans with front-to-back airflow, ensures optimal performance and reliability, even during extended use in challenging environments.

The HA 900 is equipped with speakON connectors, binding post terminals, and XLR input and loop-thru connections, ensuring seamless integration with various audio systems. Its durable construction and compact dimensions (88 x 482 x 239 mm) make it suitable for rack-mounted configurations, while its 12.0 kg weight provides stability and portability.

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## SPECIFICATIONS

### Output Power Ratings

Power 8 Ohms, Both Channels Driven	2 x 350 W
Power 8 Ohms Bridged	900 W
Power 4 Ohms, Both Channels Driven	2 x 450 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	31 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
Current Draw 230 V / 115 V	4.5 A / -

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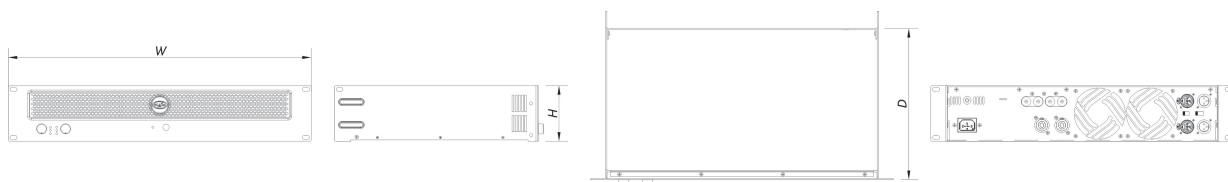
## Dimensions-Weight

Dimensions ( H x W x D )	88 x 482 x 239 mm
	3,5 x 19,0 x 9,4 in
Net Weight	12,0 kg ( 26,4 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	13,0 kg ( 28,6 lb )

## DIMENSIONS



## ORDERING INFORMATION

Model	Description	P/N
<b>System</b>		
HA-900		10719010

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