

HSA2-400ES

HIGH IMPEDANCE (70/100V)

High Impedance Stereo Amplifier - Energy Star Certified



PRODUCT OVERVIEW

HSA2-400ES is a stereo amplifier with low and high impedance powered outputs. A very high efficiency and its auto stand-by function provide this amplifier with a true green profile (Energy Star Certified).

KEY FEATURES

- Energy Star certified
- 2 mono balanced inputs (XLR and Euroblock terminals)
- 2 x 400 W RMS output (4 Ω and 70/ 100V line level)
- Euroblock output connectors
- 2 REMOTE volume ports (0-10VDC), compatible with WPM series wall panels
- High efficiency, auto stand-by function and convection cooling (fanless, 100% silent)
- Butterworth, 3rd order high pass filter @ 50Hz
- Thermal protection
- Overload protection
- Anti-clip system
- Volume control knobs on front panel with protection cap, against undesired manipulation

APPLICATIONS

- Single or multi-zone BGM and paging systems with 100V line speakers, combined with the DAM, MIMO and SAM / eSAM series preamplifiers / processors.

TECHNICAL SPECIFICATIONS

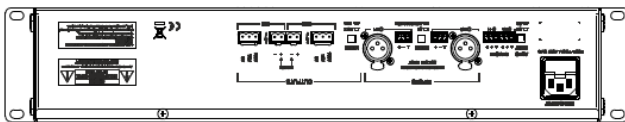
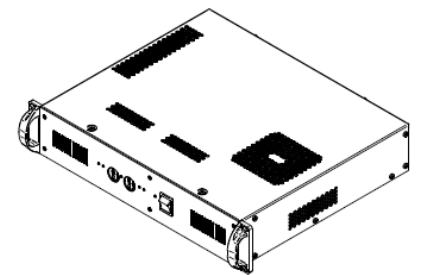
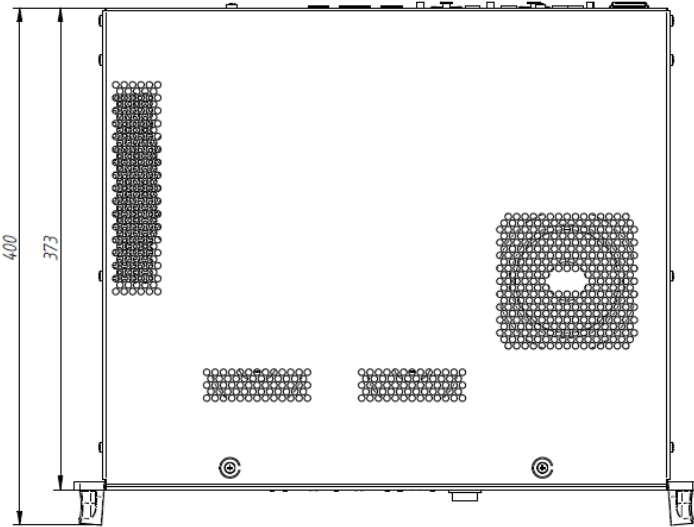
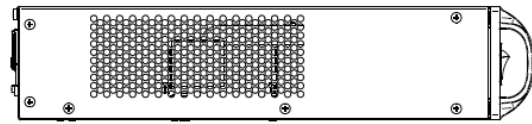
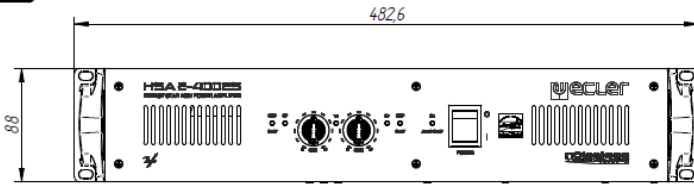
HSA2-400ES

Power Output @ 1kHz 1% THD	100V output:
1 Channel @ 25 Ω	450 WRMS
All Channels @ 25 Ω	400WRMS
	Low Z output:
1 Channel @ 4 Ω	390WRMS
1 Channel @ 8 Ω	280WRMS
All Channels @ 4 Ω	350WRMS
1 Channel @ 8 Ω	700WRMS
Frequency Response (-1dB, -3dB)	20Hz – 40kHz
Filter (High-Pass) 3rd order Butterworth	50Hz
THD+Noise @ 1 kHz Full Pwr.	<0.05%
Intermodulation Distortion 50Hz & 7kHz, 4:1	<0.06%
TIM 100	<0.04%
S+N/N 20Hz – 20kHz @ 1W/4 Ω	>85dB
CMRR	>55dB
Damping Factor 1kHz @ 8 Ω	>360
Channel Crosstalk @ 1 kHz	>55dB
Input Sensitivity/Impedance	0dBV/>20k Ω
Anticlip @ 2dBV input	<5% THD
Mains Voltage	115V/230V. Voltage changed internally (NOT BY SWITCH)
Power Consumption	
Pink Noise, 1/8 power @ 4 Ω	143W/204VA
Pink Noise, 1/3 power @ 4 Ω	334W
Idle	25W
STBY	0.5W
Efficiency (typical)	85%
STBY Time	\leq 120s
Physical	
Dimensions (Handle excluded) (WxHxD)	482,6 x 88(2RU) x 373 mm / 19 x3.46 x 14.68 in.
Weight	16,4 kg / 36.15 lb
Shipping Dimensions (WxHxD)	510 x 200 x 570 mm / 20.1 x 7.88 x 22.45 in.
Shipping Weight	19.3 kg / 42.55 lb

MECHANICAL DIAGRAM



Ecler HSA2-400ES Mechanical Diagram



61-1058-0100

www.ecler.com

All the measurements are in mm



All product characteristics are subject to variation due to production tolerances. **NEEC AUDIO BARCELONA S.L.** reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

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