

## HSA2-400

HIGH IMPEDANCE (70/100V)

*High Impedance Stereo Amplifier*



### PRODUCT OVERVIEW

The HSA2-400 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. Supports low impedance loudspeaker loads down to 2,66 ohm.

### KEY FEATURES

- 2 mono balanced inputs (XLR and Euroblock terminals)
- 2 x 400 W RMS output (4Ω 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

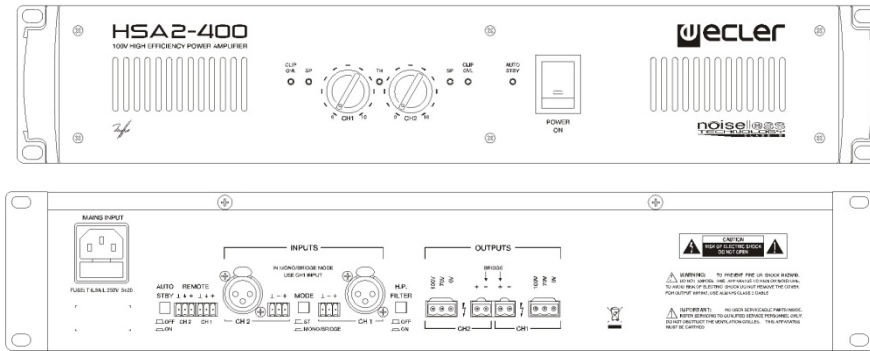
### APPLICATIONS

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

### CERTIFICATIONS

- EN60065:2014
- EN55103-1:2009
- EN55103-2:2009
- 2006/95/EC
- 2004/108/CE

MECHANICAL DIAGRAMS



TECHNICAL DATA

<b>Power Output</b>	
@ 100VRMS @ 1% THD:	410 WRMS @ 25> $\Omega$
@ 100VRMS @ 10% THD:	N/A
All Channels @ 25 $\Omega$	332 WRMS
1 Channel @ 4 $\Omega$	390WRMS
1 Channel @ 8 $\Omega$	225WRMS
All Channels @ 4 $\Omega$	322WRMS
1 Channel @ 2.666 $\Omega$	506WRMS
Frequency response (-1dB, -3dB)	20Hz - 30kHz
Filter (High-Pass) 3rd order Butterworth	50Hz
THD+Noise @ 1kHz Full Power	<0.05%
SNR	>85dB
Damping factor 1kHz @ 8 $\Omega$	>360
Input sensitivity / Impedance	0dBV/>20k
Anticlip @ 2ddBV input	<5% THD
Mains voltage	See characteristics in the back of the unit.
<b>Power consumption</b>	
pink noise, 1/8 power	196VA @ 4 $\Omega$
pink noise, 1/3 power	452VA @ 4 $\Omega$
Dimensions	482.6x88x373mm
Weight	16.4kg

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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