

GPA2-400

LOW IMPEDANCE (8/4/2Ω)

Stereo High-Efficiency Amplifier



PRODUCT OVERVIEW

GPA2-400 is a stereo amplifier delivering 2 x 360 WRMS @ 4 ohm, and ready to drive 2,66Ω loudspeaker loads (3 x 8 ohms loudspeakers in parallel, per channel). GPA is a series of stereo amplifiers that become a perfect and affordable option in many audio projects. A very high efficiency and an auto standby function provide these amplifiers with a true green profile.

KEY FEATURES

- 2 analogue audio inputs x 2 powered audio outputs
- Euroblock output and speakon connectors
- 2 REMOTE volume ports (0-10VDC), compatible with WPM series wall panels
- High efficiency, auto standby function and convection cooling (fanless, 100% silent)
- BRIDGE mode ready
- Thermal protection
- Overload protection
- Anti-clip system
- Volume control knobs on front panel with protection cap, against undesired manipulation

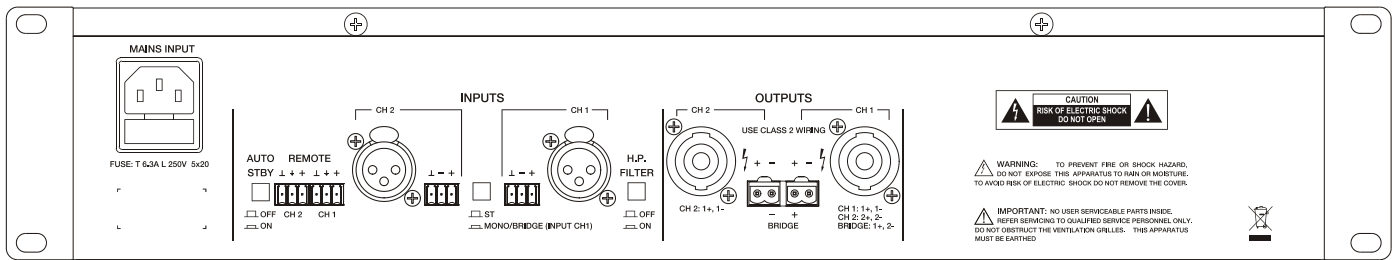
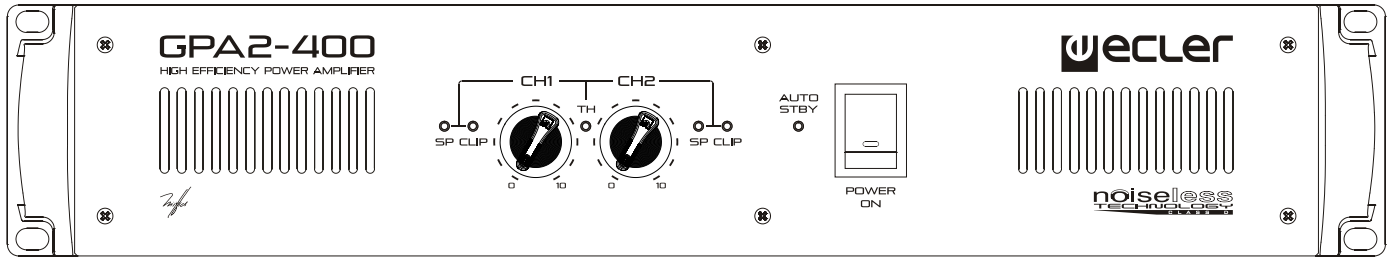
APPLICATIONS

- Clubs
- Theme restaurants
- Discos
- Leisure centres
- Cinemas and theatre
- Educational centres
- Boardrooms and conference halls
- Sports centres
- Mobile outdoor applications

CERTIFICATIONS

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

MECHANICAL DIAGRAMS



TECHNICAL DATA

POWER 20-20kHz 1% THD

1 Channel @ 4Ω	390 WRMS
1 Channel @ 8Ω	225 WRMS
All Channels @ 4Ω	322 WRMS
1 Channel @ 2.666Ω	506 WRMS
1 Channel @ 2Ω	-
2 Bridged Channels @ 8Ω	650 WRMS
Frequency response (-1 dB, -3dB)	20Hz - 55kHz
Filter (High-Pass) 3rd order Butterworth	50Hz
THD+Noise @ 1kHz Full Power	<0.05%
Intermodulation distortion 50Hz & 7kHz, 4:1	<0.06%
TIM 100	<0.04%
S+N/N 20Hz - 20kHz @ 1W/4Ω	>85dB
CMRR	>55dB
Damping factor 1kHz @ 8Ω	>360
Channel crosstalk @ 1kHz	>55dB
Input Sensitivity / Impedance	0dB/<20kΩ
Anticlip @ 2dBV input	<5% THD
Mains voltage	See characteristics in the back of the unit.

Power consumption

pink noise, 1/8 power @ 4Ω	129W / 196VA
pink noise, 1/3 power @ 4Ω	308W
Idle	26W
STBY	12W
Efficiency (typical)	85%
STBY time	90s
Dimensions (Handle excluded)	440x88x373mm
Weight	10.8kg