

GPA2-800

LOW IMPEDANCE (8/4/2Ω)

Stereo High-Efficiency Amplifier



PRODUCT OVERVIEW

GPA2-800 is a stereo amplifier delivering 2 x 720 WRMS @ 4 ohm, and ready to drive 2Ω loudspeaker loads (4 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

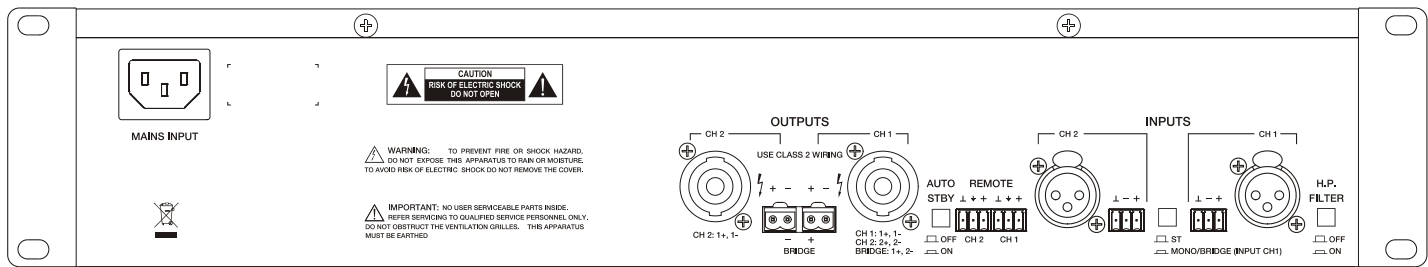
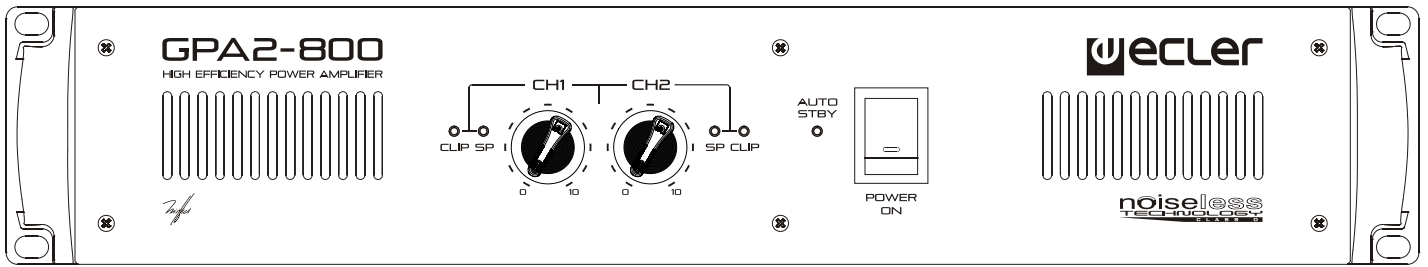
APPLICATIONS

- 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	640 WRMS
1 Channel @ 8Ω	347 WRMS
All Channels @ 4Ω	575 WRMS
1 Channel @ 2.666Ω	880 WRMS
1 Channel @ 2Ω	1000
2 Bridged Channels @ 8Ω	1150 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 1 kHz @ 8Ω	>200
Channel crosstalk @ 1kHz	>55dB
Input Sensitivity / Impedance	0dB/<20kΩ
Anticlip @ 2dBV input	<5% THD
Mains voltage	115V/230V. Voltage changed internally (NOT BY SWITCH)
Power consumption	
pink noise, 1/8 power @ 4Ω	252W / 383VA
pink noise, 1/3 power @ 4Ω	613W
Idle	47W
STBY	16W
Efficiency (typical)	87%
STBY time	90s
Dimensions (Handle excluded)	482,6x88(2RU)x423mm / 19"x3.46"x16.65" (WxHxD)
Weight	13,5 kg / 29.76 lb

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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