

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

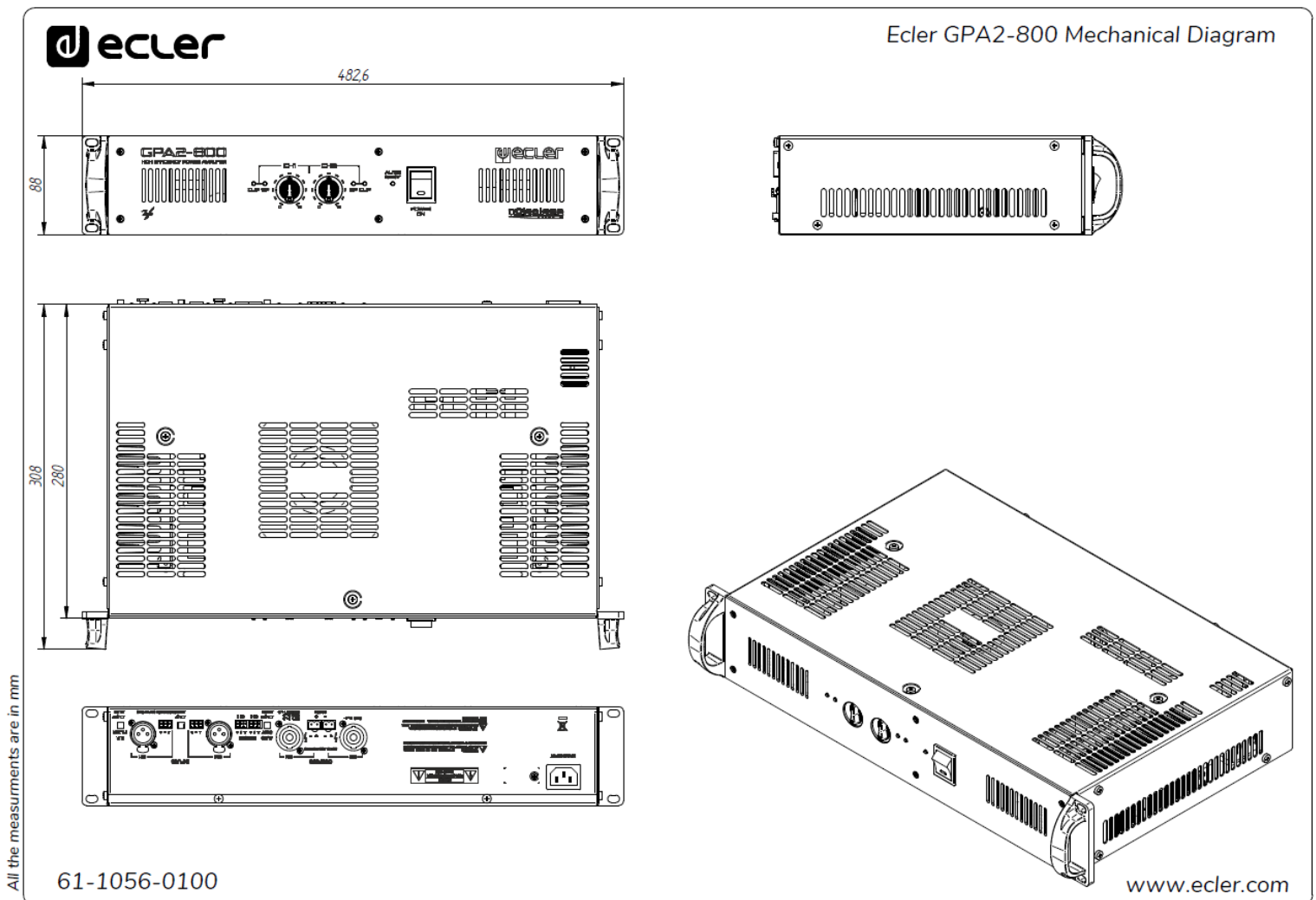
- Clubs
- Theme restaurants
- Discos
- Leisure centres
- Cinemas and theatre
- Educational centres
- Boardrooms and conference halls
- Sports centres
- Mobile outdoor applications

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 (WxHxD) (Handle excluded)	482.6 x 88(2RU) x 280 mm / 19 x 3.46 x 11.02 in.
Weight	13,5 kg / 29.76 lb
Shipping Dimensions	550 x 120 x 500 mm / 21.66 x 4.73 x 19.9 in.
Shipping Weight	15.3 kg / 33.73 lb

MECHANICAL DIAGRAMS



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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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