

## GPA2-400ES

LOW IMPEDANCE AMPLIFIERS

*Stereo High-Efficiency Amplifier - Energy Star Certified*



### PRODUCT OVERVIEW

GPA2-400 is a stereo amplifier delivering 2 x 350 WRMS @ 4 ohm. 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 (Energy Star certified).

### KEY FEATURES

- Energy Star certified
- 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

- Commercial
- Hospitality
- Education
- Corporate
- Sports and wellness

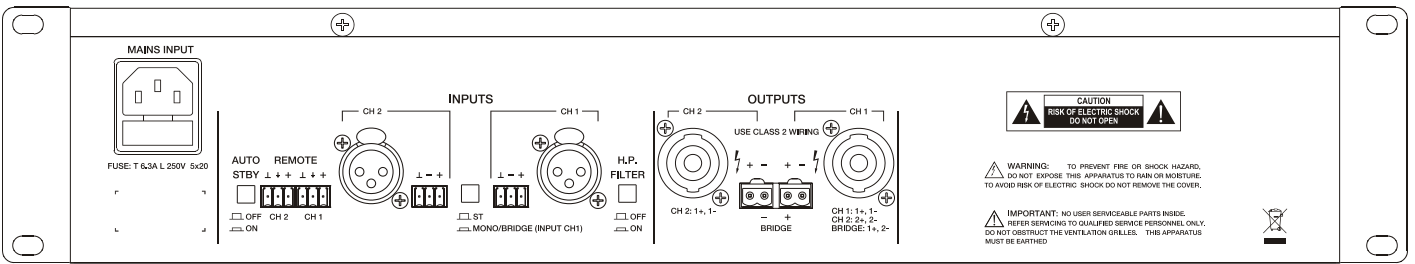
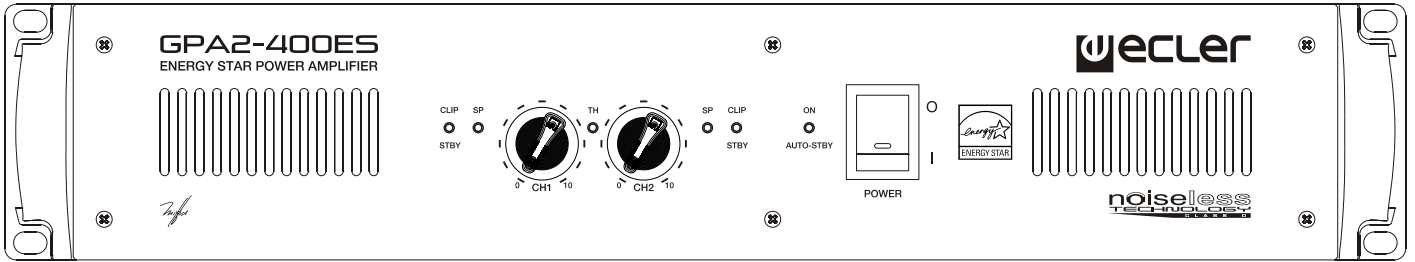
### CERTIFICATIONS

- Energy Star

## TECHNICAL SPECIFICATIONS

| GPA2-400ES                                  |  |
|---|--|
| 1 Channel @ 4Ω                              | 390 WRMS   |
| 1 Channel @ 8Ω                              | 280 WRMS   |
| All Channels @ 4Ω                           | 350 WRMS   |
| 2 Bridged Channels @ 8Ω                     | 700 WRMS   |
| Frequency response (-1 dB, -3dB)            | 20Hz - 40kHz   |
| 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                               | 115V/230V. Voltage changed internally (NOT BY SWITCH). |
| Power Consumption                           |  |
| Pink noise, 1/8 power @ 4Ω                  | 143W / 204VA   |
| Pink noise, 1/3 power @ 4Ω                  | 334W   |
| Idle  | 25W  |
| STBY  | 17W  |
| Efficiency (typical)                        | 85%  |
| STBY time                                   | 90s  |
| Dimensions (Handle excluded)                | 482,6x88(2RU)x373mm / 19"x3.46"x14.68"                 |
| Weight                                      | 10,4 kg / 22.93 lb                                     |

MECHANICAL DIAGRAMS



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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