

GPA SERIES

GPA 2-400, GPA 2-800

AMPLIFIERS



GPA is a series of stereo amplifiers that become a perfect and affordable option in many audio projects. The GPA2-400 is ready to drive 2,66Ω loudspeaker loads (3 x 8Ω loudspeaker in parallel), per channel and the GPA2-800 is ready to drive 2Ω loudspeaker loads (4 x 8Ω loudspeaker in parallel), per channel. A very high efficiency and an auto standby function provide this amplifiers with a true green profile.

Key features

- 2 models:
 - GPA2-400: 2 x 360 W RMS output @ 4Ω
 - GPA2-800: 2 x 720 W RMS output @ 4Ω
- 2 mono balanced inputs (XLR and Euroblock terminals)
- 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
- Volum 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 Characteristics

	GPA2-400	GPA2-800	
POWER 20-20kHz 1% THD	1 Channel @ 4Ω	390 WRMS	640 WRMS
	1 Channel @ 8Ω	225 WRMS	347 WRMS
	All Channels @ 4Ω	322 WRMS	575 WRMS
	1 Channel @ 2,666Ω	506 WRMS	880WRMS
	1 Channel @ 2Ω		1000WRMS
	2 Bridged channels @ 8Ω	650 WRMS	1150 WRMS
Frequency response (-1dB, -3dB)	20Hz - 55kHz		
Filter (High-Pass) 3rd order Butterworth	50Hz		
THD+Noise @ 1kHz Full Pwr.	<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	>60dB@1kHz		
Signal present indicator	>360		

GPA2-400 GPA2-800

Channel crosstalk @ 1kHz	>55dB	>55dB
Input sensitivity / Impedance	0dBV/>20kΩ	0dBV/>20kΩ
Anticlip @ 2dBV input	<5% THD	<5% THD
Mains voltage	See characteristics in the back of the unit.	
Power consumption		
[pink noise, 1/8 power @ 4ohm]	129W / 196VA	252W / 383VA
[pink noise, 1/3 power @ 4ohm]	308W	613W
[idle]	26W	47W
[STBY]	12W	16W
Efficiency (typical)	85%	87%
STBY time	90s	90s
Dimensions (Handle excluded)	482,6x88x373mm	482,6x88x373mm
Weight	10.8kg	13.5kg

Accessories

- WPm series wall panels

