

LPA16000

LOW IMPEDANCE (8/4/2Ω)

Stereo Lightweight Amplifier



PRODUCT OVERVIEW

LPA16000 is a stereo amplifier delivering 2 x 760 WRMS @ 4 ohm. LPA series brings all the classic, well-known reliability and amplification quality of Ecler to a new light-weight format that is versatile and affordable.

When activated, the built-in crossover allows you to send the low frequency band to channel 1 and the high frequency band to channel 2 (cut-off point at 150 Hz) internally, making it simple and cost-effective to create two-channel configurations without any external processing.

KEY FEATURES

- 2 analogue audio inputs x 2 powered audio outputs
- Ultra light technology
- Built-in crossover filter
- Efficient progressive ventilation system
- Rotary input attenuation controls that are easily accessible on the front panel
- POWER ON, STD BY, SIGNAL, CLIP, STEREO/BRIDGE, XOVER and PROTECT LED indicators
- Efficient short-circuit, overheat and DC signal protection system to prevent damage to the amplifier and/or the loudspeakers connected to it
- Permanently activated built-in anti-clip circuit
- Balanced inputs via XLR3 connectors and 6.35 mm stereo jack. Unbalanced inputs via RCA connectors.
- Amplified outputs with terminal-type connectors and Speakon® connectors

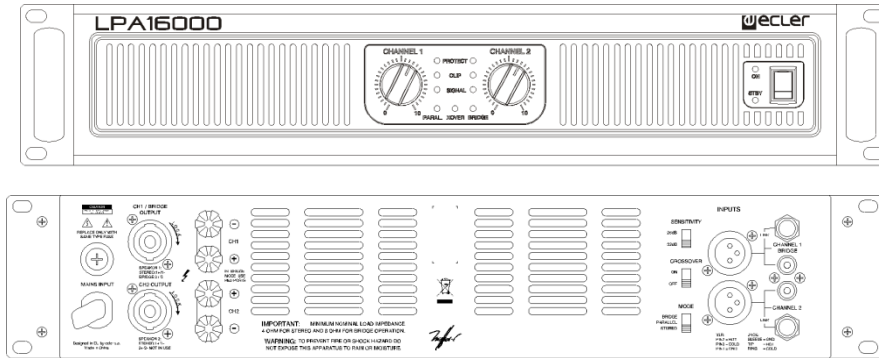
APPLICATIONS

- Touring (small live)
- Mobile applications
- Permanent installation

CERTIFICATIONS

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

MECHANICAL DIAGRAMS



TECHNICAL DATA

4Ω Stereo	760 WRMS
8Ω Stereo	450 WRMS
8Ω Stereo Bridged	1520 WRMS
Frequency response (-1dB/-3dB)	10Hz/52kHz
Crossover filter (-3dB) (CH1=LOW, CH2=HIGH)	150Hz/18dB oct.
THD+Noise @ 1kHz Full Pwr.	<0.1%
S+N/N 20Hz-20kHz @ 1W/4Ω	>85dB
Damping factor 1kHz @ 8Ω	>270
Slew Rate	±30V/μs
Input connectors	XLR3 & ¼" Jack balanced & RCA
Input Sensitivity / Impedance	26/32dB/20kΩ Bal. 10kΩ Unbal
Signal present indicator	-40dB
Output connectors	Speakon & Binding Posts
Mains	230V 50/60Hz
Power consumption (pink noise, 1/8 power @ 4ohm)	600VA
Power consumption (pink noise, 1/3 power @ 4ohm)	1840VA
Dimensions	482.6x360x88mm
Weight	9.2kg

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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