# Jecrer

# LPA6000

LOW IMPEDANCE  $(8/4/2\Omega)$ Stereo Lightweight Amplifier



### PRODUCT OVERVIEW

LPA6000 is a stereo amplifier delivering 2 x 320 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.
- $\bullet$  Amplified outputs with terminal-type connectors and Speakon  $\ensuremath{\mathbb{R}}$  connectors

## APPLICATIONS

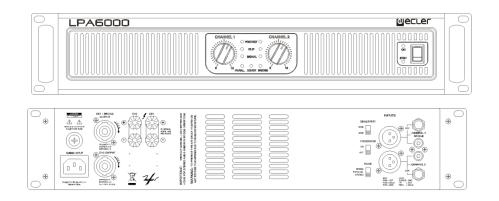
- Touring (small live)
- Mobile applications
- Permanent installation

#### CERTIFICATIONS

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



#### **MECHANICAL DIAGRAMS**



# TECHNICAL DATA

| 4Ω Stereo320 WRMS8Ω Stereo210 WRMS8Ω Stereo Bridged640 WRMS8Ω Stereo Bridged640 WRMSCrossover filter (-3dB) (CH1=LOW, CH2=HIGH)10Hz/58kHzCrossover filter (-3dB) (CH1=LOW, CH2=HIGH)150Hz/18dB oct.THD+Noise @ 1kHz Full Pwr.<0.1%S+N/N 20Hz-20kHz @ 1W/4Ω>85dBDamping factor 1kHz @ 8Ω>270Slew Rate±37V/µsHaptu connectorsXLR3 & ¼" Jack balanced & RCAInput Sensitivity / Impedance26/32dB/20kΩ Bal. 10kΩ UnbalOutput connectorsSpeakon & Binding PostsQuer consumption (pink noise, 1/8 power @ 4ohm)670VAPower consumption (pink noise, 1/3 power @ 4ohm)1000VAWeight5.62kg |  |                               |
|---|--|-------------------------------|
| 8Ω Stereo Bridged640 WRMSFrequency response (-1dB/-3dB)10Hz/58kHzCrossover filter (-3dB) (CH1=LOW, CH2=HIGH)150Hz/18dB oct.THD+Noise @ 1kHz Full Pwr.<0.1%  | 4Ω Stereo  | 320 WRMS                      |
| Frequency response (-1dB/-3dB)10Hz/58kHzCrossover filter (-3dB) (CH1=LOW, CH2=HIGH)150Hz/18dB oct.THD+Noise @ 1kHz Full Pwr.<0.1%   | 8Ω Stereo  | 210 WRMS                      |
| Crossover filter (-3dB) (CH1=LOW, CH2=HIGH)150Hz/18dB oct.THD+Noise @ 1kHz Full Pwr.<0.1%S+N/N 20Hz-20kHz @ 1W/4Ω>85dBDamping factor 1kHz @ 8Ω>270Slew Rate±37V/µsInput connectorsXLR3 & ¼" Jack balanced & RCAInput Sensitivity / Impedance26/32dB/20kΩ Bal. 10kΩ UnbalSignal present indicator-40dBOutput connectorsSpeakon & Binding PostsMains230V 50/60HzPower consumption (pink noise, 1/8 power @ 4ohm)670VADimensions482.6x304x88mm   | 8Ω Stereo Bridged                                | 640 WRMS                      |
| THD+Noise @ 1kHz Full Pwr.<0.1%   | Frequency response (-1dB/-3dB)                   | 10Hz/58kHz                    |
| S+N/N 20Hz-20kHz @ 1W/4Ω>85dBDamping factor 1kHz @ 8Ω>270Slew Rate±37V/μsInput connectorsXLR3 & ¼" Jack balanced & RCAInput Sensitivity / Impedance26/32dB/20kΩ Bal. 10kΩ UnbalSignal present indicator-40dBOutput connectorsSpeakon & Binding PostsMains230V 50/60HzPower consumption (pink noise, 1/8 power @ 4ohm)670VAPower consumption (pink noise, 1/3 power @ 4ohm)1000VAMains482.6x304x88mm   | Crossover filter (-3dB) (CH1=LOW, CH2=HIGH)      | 150Hz/18dB oct.               |
| Damping factor 1kHz @ 8Ω>270Slew Rate±37V/μsInput connectorsXLR3 & ¼" Jack balanced & RCAInput Sensitivity / Impedance26/32dB/20kΩ Bal. 10kΩ UnbalSignal present indicator-40dBOutput connectorsSpeakon & Binding PostsMains230V 50/60HzPower consumption (pink noise, 1/8 power @ 4ohm)670VADimensions482.6x304x88mm   | THD+Noise @ 1kHz Full Pwr.                       | <0.1%                         |
| Slew Rate±37V/μsInput connectorsXLR3 & ¼" Jack balanced & RCAInput Sensitivity / Impedance26/32dB/20kΩ Bal. 10kΩ UnbalSignal present indicator-40dBOutput connectorsSpeakon & Binding Posts230V 50/60Hz670VAPower consumption (pink noise, 1/8 power @ 4ohm)670VADimensions482.6x304x88mm   | S+N/N 20Hz-20kHz @ 1W/4Ω                         | >85dB                         |
| Input connectorsXLR3 & ¼" Jack balanced & RCAInput Sensitivity / Impedance26/32dB/20kΩ Bal. 10kΩ UnbalSignal present indicator-40dBOutput connectorsSpeakon & Binding PostsMains230V 50/60HzPower consumption (pink noise, 1/8 power @ 4ohm)670VAPower consumption (pink noise, 1/3 power @ 4ohm)1000VADimensions482.6x304x88mm   | Damping factor 1kHz @ 8Ω                         | >270                          |
| 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)   670VA     Power consumption (pink noise, 1/3 power @ 4ohm)   1000VA     Dimensions   482.6x304x88mm   | Slew Rate  | ±37V/µs                       |
| Signal present indicator   -40dB     Output connectors   Speakon & Binding Posts     230V 50/60Hz   230V 50/60Hz     Power consumption (pink noise, 1/8 power @ 4ohm)   670VA     Power consumption (pink noise, 1/3 power @ 4ohm)   1000VA     Dimensions   482.6x304x88mm   | Input connectors                                 | XLR3 & ¼" Jack balanced & RCA |
| Output connectors Speakon & Binding Posts   Mains 230V 50/60Hz   Power consumption (pink noise, 1/8 power @ 4ohm) 670VA   Power consumption (pink noise, 1/3 power @ 4ohm) 1000VA   Dimensions 482.6x304x88mm   | Input Sensitivity / Impedance                    | 26/32dB/20kΩ Bal. 10kΩ Unbal  |
| Mains 230V 50/60Hz   Power consumption (pink noise, 1/8 power @ 4ohm) 670VA   Power consumption (pink noise, 1/3 power @ 4ohm) 1000VA   Dimensions 482.6x304x88mm   | Signal present indicator                         | -40dB                         |
| Power consumption (pink noise, 1/8 power @ 4ohm)670VAPower consumption (pink noise, 1/3 power @ 4ohm)1000VADimensions482.6x304x88mm   | Output connectors                                | Speakon & Binding Posts       |
| Power consumption (pink noise, 1/3 power @ 4ohm)<br>Dimensions 482.6x304x88mm   | Mains  | 230V 50/60Hz                  |
| Dimensions 482.6x304x88mm   | Power consumption (pink noise, 1/8 power @ 40hm) | 670VA                         |
|   | Power consumption (pink noise, 1/3 power @ 40hm) | 1000VA                        |
| Weight 5.62kg   | Dimensions                                       | 482.6x304x88mm                |
|   | Weight   | 5.62kg                        |

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. Motors, 166-168 08038 Barcelona - Spain - (+34) 932238403 information@ecler.es **www.ecler.com**