

LPA SERIES

LPA6000, LPA10000, LPA16000

AMPLIFIERS

The new 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

- Ultra light technology (5.6, 6.8 and 9.2 kg: LPA6000, 10000 and 16000)
- Built-in crossover filter
- Efficient progressive ventilation system with a flow that adapts to the internal temperature of the amplifier. The air comes in from the back and is pushed out to the front
- Rotary input attenuation controls that are easily accessible on the front panel
- LED indicators: power-on and standby (POWER ON, STD BY), signal presence (SIGNAL), clipping (CLIP), operating mode (STEREO, BRIDGE), crossover activated (XOVER) and protections activated (PROTECT)
- 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
- Operating mode selector: STEREO, PARALLEL and BRIDGE
- 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

LPA power fast guide

	LPA6000	LPA10000	LPA16000	
POWER 20-20kHz 1% THD (Both channels driven)	4Ω Stereo	320WRMS	500WRMS	760 WRMS
	8Ω Stereo	210WRMS	330 WRMS	450 WRMS
	8Ω Bridged	640WRMS	1000 WRMS	1520 WRMS

Technical Characteristics

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	8Ω Bridged	640WRMS	1000 WRMS	1520 WRMS
Frequency response [-1dB/-3dB]	10Hz/58kHz			
Crossover filter [-3dB] (CH1=LOW, CH2=HIGH)	150Hz/18dB oct.			
THD+Noise @ 1kHz Full Pwr.	<0.1%	<0.05%	<0.1%	
S+N/N 20Hz-20kHz @ 1W/4Ω	>85dB			
Damping Factor 1kHz @ 8Ω	>270			
Slew Rate	±37V/μs	±43V/μs	±30V/μs	
Input connectors	XLR3 & 1/4" 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 (pink noise, 1/8 power @ 4ohm)	670VA	1040VA	600VA	
consumption (pink noise, 1/3 power @ 4ohm)	1000VA	1580VA	1840VA	
Dimensions (mm)	482.6x304x88	482.6x360x88	482.6x360x88	
Weight	5.62kg	6.85kg	9.2kg	



Applications

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

PRODUCT