

XLA series

XLA500, XLA1000,
XLA1600



The new XLA 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.

Main features of the XLA series

- Ultra light technology (5.6, 6.8 and 9.2 kg: XLA500, 1000 and 1600)
- 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

XLA power fast guide		XLA500	XLA1000	XLA1600
POWER 20-20kHz 1% THD (Both channels driven)	4Ω Stereo	320 W RMS	500 W RMS	760 W RMS
	8Ω Stereo	210 W RMS	330 W RMS	450 W RMS
	8Ω Bridged	640 W RMS	1000 W RMS	1520 W RMS

Tech. Characteristics		XLA500	XLA1000	XLA1600
POWER 20-20kHz 1% THD	4Ω Stereo	320 WRMS	500 WRMS	760 WRMS
	8Ω Stereo	210 WRMS	330 WRMS	450 WRMS
	8Ω Bridged	640 WRMS	1000 WRMS	1520 WRMS
Frequency response (-1dB/-3dB)		10Hz/58kHz	10Hz/58kHz	10Hz/52kHz
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 consumption (pink noise, 1/8 power @ 4ohm)		670VA	1040VA	600VA
	(pink noise, 1/3 power @ 4ohm)	1000VA	1580VA	1840VA
Dimensions		482.6x304x88mm	482.6x360x88mm	482.6x360x88mm
Weight		5.62kg	6.85kg	9.2kg



Main applications

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

All the characteristics are subject to variation due to production tolerances. ECLER SA reserves the right to make changes or improvements in manufacturing or design that may affect specifications.

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