

BA-2500

Ref: LDABA2500S02

The LDA BA-2500 amplifier is specially designed for professional installations where efficiency is a relevant factor. Thanks to its class D amplification technology and its switched-mode power supply achieves a power consumption efficiency of 85%, dissipating less heat and occupying only one height of a 19" rack.

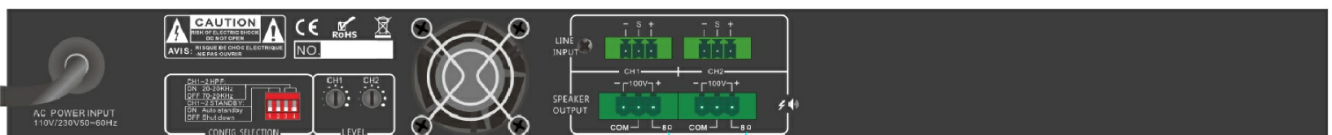


The BA-2500 has two 500 W rms channels protected against short circuit and overload. Thanks to its flexible design it allows both 100V high impedance and low impedance stereo 4 ohms public address systems. Each channel integrates a high-pass filter and an automatic standby for noise gate, whose operation can be activated from the rear panel.

BA-2500 Features:

- Highly efficient Class-D, 2-channel amplifier.
- 500W rms of amplification power per channel.
- 2 x 100V / 4 Ω output lines.
- Balanced and unbalanced inputs.
- Independent gain control per channel.
- Short-circuit, overload and overheat protection.

Rear view:



Technical specifications:

Model	BA-2500
Reference	LDABA2500S02
Power supply	115 / 230V~ 50/60Hz. Automatic.
Consumption	1100W max / 140W at 1/8 output power
Frequency response	L/H Cut OFF 20Hz-20KHz (+1/-2dB) L/H Cut ON 70Hz-10KHz (+1/-3dB)
Signal to noise ratio	>80dB, A-weighted
Distortion (1KHz/-3dBv, 100W)	115V AC: <0,5% (20 Ohm), <0,2% (4 Ohm) 230V AC: <0.1% (20 Ohm), <0,2% (4 Ohm)
Crosstalk	>60dB, 1KHz, max. output
Audio inputs	2 x Balanced Audio 1Vp, 0,707Vrms. 10 K Ω , 3Pin, Euroblock type
Amplifier	2 x D Class, 500Wrms @ 100V. Min load 20 Ω / 4 Ω
Speaker outputs	2 x 100V / 4 Ω . 2 Pin, Euroblock type (3 pin connector)
Protection	OverTemperature, DC voltage, Short-circuit, Overload
Operating conditions	-5 °C to +45 °C / 23 °F to 113 °F 5% to 95% Relative humidity (no condensation)
Finish	Front: Al, Black RAL 9005 Rear: Fe, Black RAL 9005 Box: Fe, Black RAL 9005
Weight	8,5 Kg / 18,7 lb.
Dimensions (A x H x P)	482mm x 44mm x 420mm / 19" x 1,73" x 16,53"
Accessories	2m / 6,56ft power cord (UE type), Euroblock male type connectors