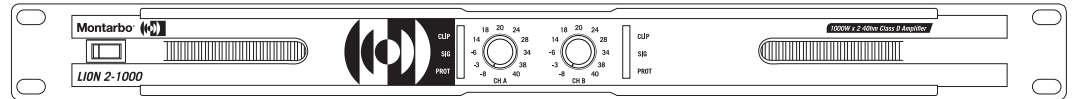


LION 2-1000

Professional Power Amplifier

Code F040011



FEATURES

- Power: 2 x 900 W RMS @ 4 Ohm, stable @ 2 Ohm (2 x 2000 W EIAJ) Bridge mono 1 x 1800 W @ 8 Ohm, 1 x 4000 W (EIAJ) @ 4 Ohm.
- Protections and Controls: full short circuit, open circuit, thermal, ultrasonic and stable RF protection in reactive or mismatched loads, power ON/OFF, muting, tripped crowbar
- Front controls: AC Switch, input level control for each channel
- Rear controls: Stereo/Parallel/Bridged/Mute Mode selector
- Indicators: Signal: 2 x green LEDs - Clip: 2 x red LEDs - Power: 1 x green LED - Protection: 1 x LED red - Bridge: 1 x red LED - Prior: green/red LED
- Connectors: Speakon
- AC Power: 110 V-120 V or 220 V-240 V AC 50/60 Hz \pm 10%
- Dimensions (WxDxH): 483 x 360 x 44 mm
- Weight: 5.7 kg

APPLICATIONS

- Theater
- Conferences
- Touring
- Rental
- System Integration Audio

DESCRIPTION

The Montarbo® **LION 2-1000** power amplifier is designed for professional use on stage. High quality components and carefully designed circuits ensure excellent audio performance and an extremely linear frequency response.

Compared to traditional power supply systems in fact, the switching technology offers a drastic reduction in size and weight, simplifying transport and installation, meanwhile providing greater efficiency and better control of heat dissipation. This Amplifier guarantees total reliability and a trouble-free use even in the most demanding conditions.

The **LION 2-1000** Amplifier offers a high-efficiency switching power supply that allows high output performance with low noise and distortion, circuit protection against thermal stress, short circuit, power on/off, muting and an integrated limiter to protect connected speakers.

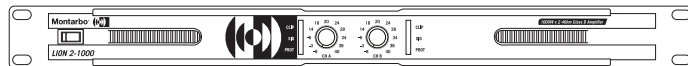
The XLR-TRS balanced combo connectors on Inputs with XLR/Link-Out, Stereo/Parallel/Bridged/Sub/70V/100V/Mute selection modes and Speakon Output connectors, ensure versatile and immediate connectivity, also thanks to the front gain controls offering easy-access.

The unit features also Signal, Protection, Clip and Power LED indicators to monitor the performance.

TECHNICAL SPECIFICATIONS

POWER SPECIFICATIONS (+/- 5%)	
Stereo Mode (both channel driven)	600 W RMS @ 8 Ohm 900 W RMS @ 4 Ohm 2000 W EIAJ @ 2 Ohm
Bridge Mono Mode	1800 W RMS @ 8 Ohm 4000 W EIAJ @ 4 Ohm
ELECTRICAL SPECIFICATIONS	
Input Sensitivity (limiter OFF)	0.9-1.1 V (+0/-1 dBV)
Input Impedance	20 kohm balanced 10 kohm unbalanced
Gain	37 (+/- 0.5 dB)
THD + N (Ref. 1K 1/8 Rated Power, A-Weighted)	< 0.1%
S/N Rate (Ref. Rated Power, A-Weighted)	> 100 dB
Crosstalk (< Rated Power)	> 70 dB
Damping Factor (1K 8 Ohm)	> 200
Output stage	Class-D
Power supply	SMPS Switching
GENERAL SPECIFICATIONS	
Protections	Full short circuit, open circuit, thermal, ultrasonic and stable RF protection in reactive or mismatched loads, ON/OFF, muting, tried crowbar
Controls	Front: AC switch, Input level control for each channel Rear: Mode selector, cut-off frequency selector
Indicators	Signal: 2 x green LEDs Clip: 2 x red LEDs Power: 1 x green LED Protection: 1 x red LED Bridged: 1x red LED
Connectors	Inputs: 2 x XLR combo Link out: 2 x XRL Male Outputs: 2 x Speakon
AC Power	110V-120V or 220V-240V 50/60 Hz (+/- 10%)
Dimensions	483 (W) x 360 (D) x 44 (H) mm 19.3" (W) x 14.3" (D) x 1.7" (H)
Weight	5.7 kg 12.56 lb

TECHNICAL DRAWINGS



RELATED PRODUCTS

- LION 2-1500 Code F040012

