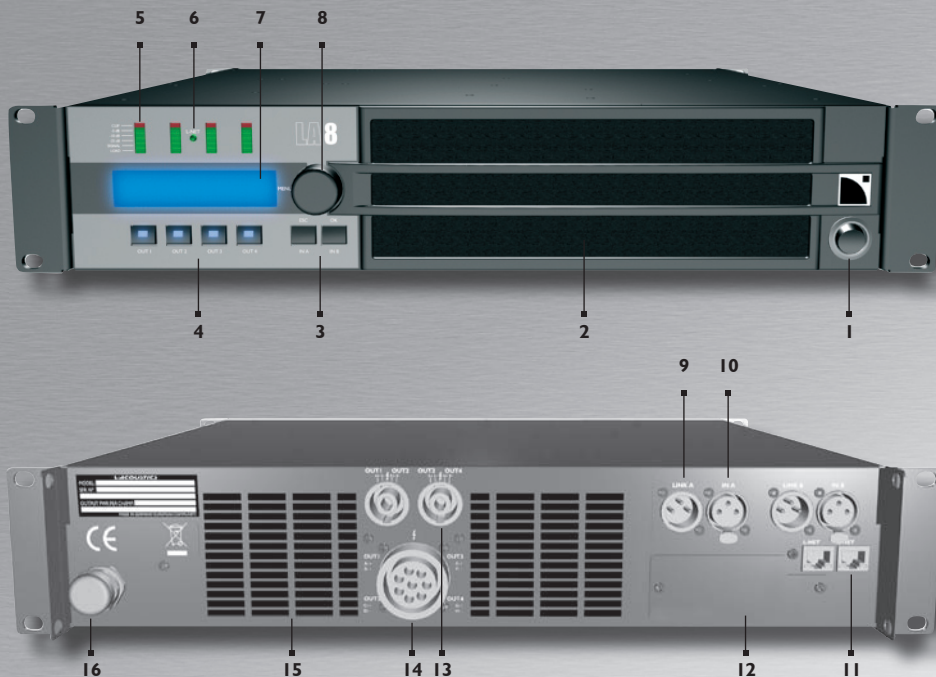




# LA8 AMPLIFIED CONTROLLER



## LA8 Amplified Controller main feature identifications:

- 1 On/Off Switch
- 2 Anti-Dust Cover
- 3 Input selection + Menu keys
- 4 Output selection keys
- 5 LED clip and level Bargraph  
LED Signal presence  
LED load
- 6 LED Control L-NET Network
- 7 LCD Screen
- 8 Nav/Edit Rotary Encoder
- 9 XLR Send Input Link connector
- 10 XLR Input connector
- 11 RJ45 L-NET Network socket
- 12 Digital Audio Network slot
- 13 SPEAKON output connectors
- 14 CA-COM output connectors
- 15 Fan Grill
- 16 A/C connector

## SPECIFICATIONS

The LA8 amplified controller belongs to the new generation of high-end integrated controllers entirely dedicated to the comprehensive operation of L-ACOUSTICS® loudspeaker systems. The LA8 combines in a 2U lightweight chassis the resources of a 2 x 4 DSP engine driving four channels of amplification delivering up to 1800 W each, a storage capacity of 99 presets, a user-friendly front panel interface, two I/O Ethernet® connection ports for network remote control, a connection panel for audio inputs and speaker outputs, and a digital I/O audio network optional slot.

### The LA8 is supplied with the following L-ACOUSTICS® preset library drivers

- V-DOSC - dV-DOSC - KUDO
- SB118 - SB28 - SB218
- I15XT HiQ

### The LA8 allows full system drive capability via the following features

- 89 factory presets including mono 4 way active systems, stereo 2 x 2 way and hybrid 3 way + sub extension
- A flexible I/O matrix routing between the two inputs and the four amplified outputs

### DSP SHARC 32 bit/floating point, 96 kHz sampling rate

- 24 bit A/D converters, 130 dB dynamic range of encoding
- Combined IIR/FIR Algorithms
- Input delay adjustable from 0 to 500 ms
- Output delay adjustable from 0 to 35ms
- Section dedicated to system equalization using LA NETWORK MANAGER
- L-DRIVE excursion and temperature real-time control
- Fixed Latency = 3.9 ms

### 4 channel amplifier

- Switch mode power supply, 120 V or 230 V
- 4 x 1100 W/8 ohms at 1% THD, all channels driven simultaneously (4 x 1300 W peak)
- 4 x 1800 W/4 ohms at 1% THD, all channels drive simultaneously (4 x 2500 W peak)
- Gain structure: 32 dB

### Audio specifications

- Frequency response: 10 - 30k Hz, -1.5/+0 dB at 8 ohms
- Output noise: -67 dBV (20 - 20k Hz, A-weighted)
- Output dynamic range: 107 dB (20 - 20k Hz A-weighted)
- Max input level: 22 dBu (balanced, THD 1%)
- Input impedance: 22 kOhms, balanced

### Dimensions

- H x W x D: 88.1 (2U) x 483 x 420 mm  
3.5 (2U) x 19 x 16.5 in
- Weight (net): 12.2 kg 26.9 lbs
- Finish: black and anthracite grey