

# QLI-32

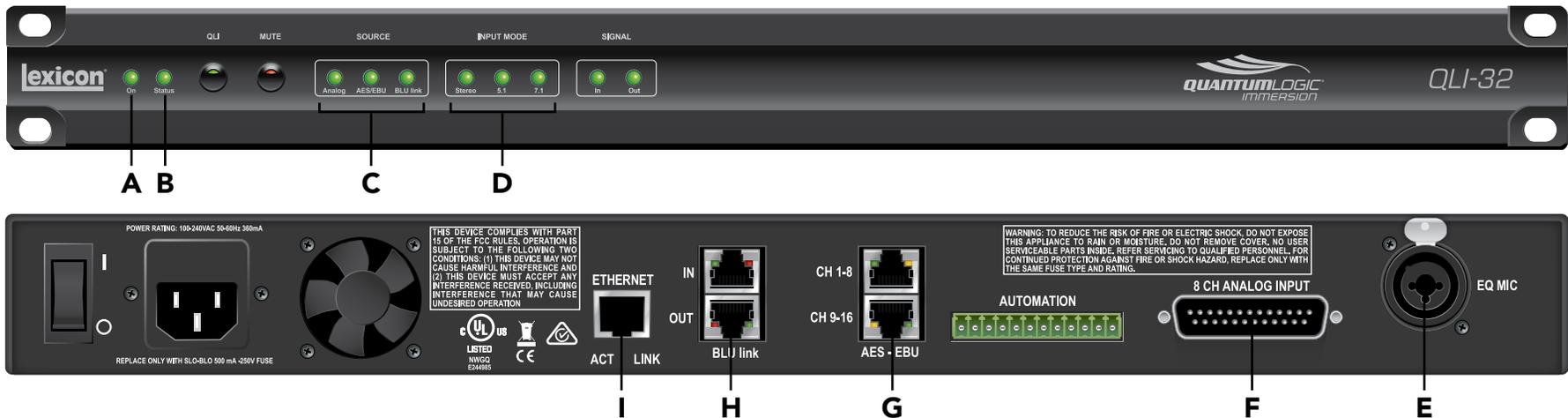
Provide an immersive sound experience within budget and gain a competitive edge with Lexicon's QLI-32. Intelligent and flexible, this cinema processor is fully compatible with existing cinema processors and designed to deliver up to 32 channels of surround sound. For an immersive and life-like sound experience, the QLI-32 is the smart solution for any cinema.



## Features

- Compatible with existing systems
- Flexible location for height channels
- GPI control
- 8 channel Analog input (25-Pin Connector)
- 8 channel AES input (RJ-45 Connector)
- BLU link input/output (2 RJ-45 Connectors)
- Ethernet control
- Create an immersive audio environment from stereo, 5.1 and 7.1 inputs
- Output up to 32 discrete channels of audio over BLU link
- 1/3 octave graphic EQ for each output channel
- Parametric EQ on low frequency extension
- Web-based interface

# lexicon QuantumLogic Immersion



## Front Panel Indicators

- A. On LED – indicates power supply is active and unit is powered
- B. Status LED – indicates when QLI configuration is occurring (GREEN) or when a fault has occurred (RED)
- C. Audio Source LEDs – indicates how the unit is configured (Analog, AES/EBU, or BLU link)
- D. Input Configuration – indicates what input the unit is configured for (Stereo, 5.1, or 7.1)

## Audio Inputs

- E. Mic Input for Calibration and Auto-EQ per SMPTE 202
- F. 8 Channel Analog Input – 25-pin D-sub female connector for Stereo, 5.1, and 7.1 systems, 300mV nominal input level
- G. 16 Channel AES/EBU Input – 2 stacked RJ-45 connectors; each connector can have up to 8 channels of audio
- H. BLU link – 2 stacked RJ-45 connectors; can link with other BLU link enabled products

## Audio Output

- H. BLU link – 2 stacked RJ-45 connectors

## Network Control

- I. Ethernet Interface - 1 RJ-45 connector for configuration and control

## Power

- Universal power supply 100VAC – 240VAC (+/-10%), 50/60Hz
- 15A IEC Inlet with field serviceable fuse

## Dimensions

- 1.67" (4.24 cm) x 19" (48.26 cm) x 10.5" (26.67 cm) (H x W x D)

## Automation Control for

- Source Selection
- Input Configuration
- QLI Bypass
- Mute

## Communications

- RJ-45 female connector for configuration and automation control
- 12-Pin block connector for configuration, mute, QLI bypass, and source selection

## Performance Specifications

- Signal to Noise Ratio: 110dB (20Hz – 20kHz)
- AES/EBU Sampling Rate: 48k, 96k
- BLU link Sampling Rate: 48k

## Features

- 1/3 Octave graphic EQ per channel
- 1/3 Octave real time analyzer
- Parametric EQ for LFE
- QuantumLogic Surround technology