

The Lexicon BOB-32 Breakout Box is a 32-channel digital to analog breakout box designed to convert the BLU link digital audio bus to analog audio. The Lexicon BOB-32 Breakout Box is ideal for use with Lexicon's QuantumLogic™ Immersion processor (QLI-32). The Lexicon BOB-32's outputs are easily configured by six DIP switches located on the rear of the device. This simple configuration allows selection of 32 consecutive channels from the 256 channels available on the BLU link. Signal present and power status are clearly displayed by front panel LED indicators.

Lexicon BOB-32 Breakout Box Features

- 32 Analog audio outputs
- 4 DB-25F connectors
- DIP switches for channel range selection
- 256 channels at 48k sampling rate or 128 channels at 96k sampling rate
- Clear front panel LED indication
- Single rack space chassis

Lexicon BOB-32 Breakout Box Specifications

- Analog Outputs: 4 DB-25F Connectors
- Maximum Output Level: +19dBu
- Frequency Response: 20Hz – 20kHz (+0.5dB/-1dB)
- THD: < 0.01% 20Hz to 20kHz, +10dBu output
- Dynamic Range: 108dB typical, 22Hz – 22kHz unweighted
- Crosstalk: < -75dB
- D/A Latency: 28/Fs (0.58ms @ 48K, 0.29ms @ 96K)
- Connectors: 2 x RJ45 Ethernet
- Max Cable Length: 100m/300ft on Category 5e cable
- Max Number of Nodes: 60
- Latency per Node: 4/Fs (0.08ms @ 48K, 0.04ms @ 96K)
- Required AC Mains (+/- 10%): 100Vrms – 240Vrms, 50/60Hz
- BTU: 65 BTU/hour
- Dimensions (H x W x D): 1.75" (45 mm) x 19" (483 mm) x 7.75" (197 mm)
- Weight: 5.13 lbs (2.33 kgs)