

## BOB-32

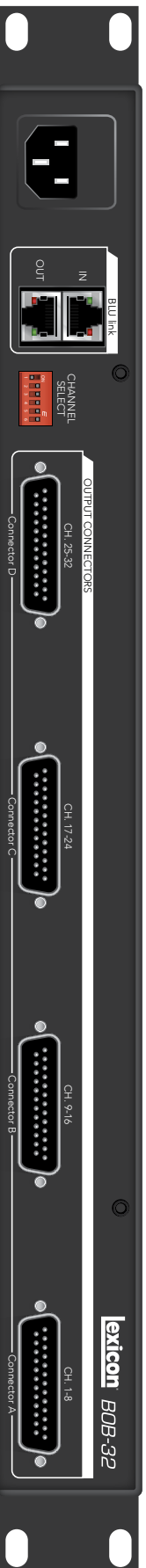
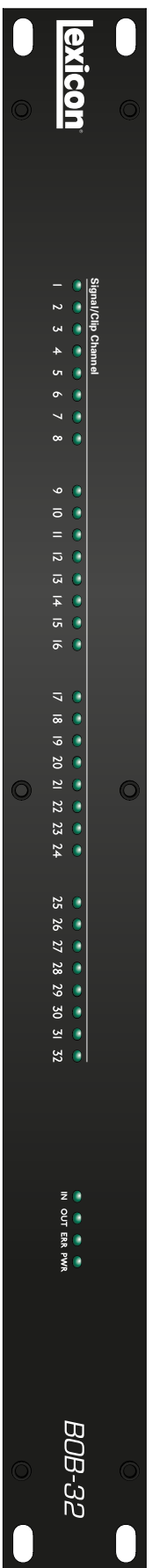
The Lexicon BOB-32 breakout box converts up to 32 channels of the BLU link digital audio bus to analog audio. This device is ideal for use with Lexicon's QuantumLogic™ Immersion processor (QLI-32). The BOB's outputs are easily configured by six DIP switches located on the rear of the device. This simple 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.



### Features

- Designed to work with Lexicon's QLI-32 Immersive processor
- 4 DB-25F output connectors
- 256 channels at 48k sampling rate or 128 channels at 96k sampling rate
- DIP switches for channel range selection
- Clear front panel LED indication
- 1 rack space chassis
- Covered by 3-year warranty

# Lexicon Breakout Box



## TECHNICAL SPECIFICATIONS

| FRONT PANEL LED INDICATORS        | Signal/clip per output, and Power  | SW1 | SSW2 | SW3 | Selected Bank | Selected Channels |
|-----------------------------------|--|-----|------|-----|---------------|-------------------|
| <b>ANALOG OUTPUTS</b>             | 8 balanced outputs per DB-25F Connector, 4 DB-25F connectors for up to 32 balanced channels. | OFF | OFF  | OFF | 1             | 1-32              |
| Maximum Output Level              | +19dBu   | OFF | OFF  | ON  | 2             | 33-64             |
| Frequency Response                | 20Hz-20KHz (+0.5dB/-1dB)   | OFF | OFF  | OFF | 3             | 65-96             |
| THD                               | <0.01% 20Hz to 20KHz, +10dBu output  | OFF | OFF  | ON  | 4             | 97-128            |
| Dynamic Range                     | 108dB typical, 22Hz-22KHz unweighted   | ON  | OFF  | OFF | 5             | 129-160           |
| Crosstalk                         | <-75dB   | ON  | OFF  | ON  | 6             | 161-192           |
| D/A Latency                       | 28/Fs (0.58ms @ 48K, 0.29ms @ 96K)   | ON  | ON   | OFF | 7             | 193-224           |
| <b>BLU link DIGITAL AUDIO BUS</b> |  | ON  | ON   | ON  | 8             | 225-256           |
| Connectors                        | 2 x RJ45 Ethernet  |     |      |     |               |                   |
| Maximum Cable Length              | 100 m/300 ft on Category 5e cable  |     |      |     |               |                   |
| <b>POWER AND DIMENSIONS</b>       |  |     |      |     |               |                   |
| Mains Voltage                     | 100Vrms - 240Vrms 50/60Hz  |     |      |     |               |                   |
| BTU Rating                        | 65 BTU/hour  |     |      |     |               |                   |
| Operating Temperature Range       | 5(41) to 35(95) degrees C (degrees F)  |     |      |     |               |                   |
| Dimensions (H x W x D)            | 1.75" x 1.9" x 7.75" (45 mm x 48.3 mm x 197 mm)  |     |      |     |               |                   |
| Weight                            | 5.13 lbs/ 2.33 kgs   |     |      |     |               |                   |

## BLU link OFF RAMP