



LBB 4402/00 Audio Expander



- ▶ IF design award
- ▶ Room coupling facility
- ▶ Versatile audio distribution facility
- ▶ Optical network for coupling to the CCU
- ▶ Designed for redundant network cabling. The network can be either single branch or redundant loop
- ▶ Four audio line inputs (of which 2 can be configured as microphone input) for floor and interpretation channels
- ▶ Four audio line outputs for floor and interpretation channels
- ▶ Flexible routing of floor and interpretation channels
- ▶ Adjustable sensitivity for the audio inputs
- ▶ Adjustable level for the audio outputs

The audio expander can contribute audio to and distribute audio from the system. Typical applications are room coupling and audio distribution.

- Five control outputs to indicate channel engaged state
- One headphone output 3.5 mm (0.14 in) stereo

Functions

Controls and Indicators

- 2 x 16 Character LCD display for status display and configuration of the Audio Expander
- Rotary control at the front to navigate through the LCD menus

Interconnections

- Two optical network connections for connecting to the CCU
- Four three-pole XLR balanced audio line inputs with galvanic separation
- Four stereo Cinch unbalanced audio line inputs
- Four three-pole XLR balanced audio line output with galvanic separation
- Four stereo Cinch unbalanced audio line outputs
- Eight control inputs to enable audio inputs and audio outputs

Technical Specifications

Electrical

Supply voltage	24 - 48 Vdc
Power consumption	7.6 W
Frequency response	30 Hz - 20 kHz (-3 dB at nominal level)
THD at nominal level	< 0.5 %
Cross talk attenuation	> 85 dB at 1 kHz
Dynamic range	> 90 dB
Signal-to-noise ratio	> 87 dBA

Audio line inputs

XLR nominal input	0 dBV (+/- 6 dB)
XLR maximum input	+12 dBV
Cinch nominal input	12 dBV (+/- 6 dB)
Cinch maximum input	+0 dBV

Audio microphone inputs

Nominal input	57 dBV (+/- 6 dB)
Maximum input	26 dBV
Phantom supply	12 V ± 1 V @ 15 mA

Audio line outputs

XLR nominal output	12 dBV (+6 / -24 dB)
XLR maximum output	+12 dBV
Cinch nominal output	24 dBV (+6 / -24 dB)
Cinch maximum output	+0 dBV

Mechanical

Mounting	Free-standing or mounted in a 19" rack
Dimensions (H x W x D) with brackets, without feet	88 x 483 x 350 mm (3.5 x 19 x 13.8 in)
without brackets, with feet	92 x 440 x 350 mm (3.6 x 17.3 x 13.8 in)
Weight	6 kg (13 lbs)
Color	Charcoal (PH 10736) with silver

Ordering Information

Model | Description

LBB 4402/00 Audio Expander
charcoal with silver

Hardware Accessories

DCN-FCCCU Flight Case for Central Control Units
holds 2 central control or audio expander units

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