

LBB 4404/00 CobraNet Interface

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Invented for life



- ▶ Stylish and modern design (IF award)
- ▶ Room coupling facility
- ▶ Versatile audio distribution facility
- ▶ CobraNet™ compatible using Ethernet
- ▶ Optical network for coupling to the CCU

The CobraNet™ Interface can interface audio from the DCN system to a CobraNet™ network using standard Ethernet networks. Typical applications are room coupling and audio distribution over long distances. CobraNet™ is a registered trademark of Peak Audio, a Division of Cirrus Logic, Inc.

Functions

- Redundant network cabling can be either single branch or redundant loop
- Flexible routing of floor and interpretation channels
- Configuration of the CobraNet™ Interface audio channel routing via a display and a single rotary push button
- Automatic Gain Control
- Configuration of the CobraNet™ Interface with software tools included
- Each CobraNet™ Interface can be assigned a unique name by the installer for easy identification
- VU meter readings to monitor audio inputs and audio outputs. The audio can be monitored using a headphone
- 19" (2U) housing for table top or rack mounting
- Handgrips for easy transportation
- The unit is powered from the network

Controls and indicators

- 2 x 16-character LCD display for status display and audio channel routing of the CobraNet™ Interface

- Rotary control to navigate through the LCD menus

Interconnections

Front

- One stereo headphone output 3.5 mm (0.14 in)

Back

- Two optical network connections
- Two RJ45 Ethernet connectors for the CobraNet™
- Eight control inputs to enable audio inputs and audio outputs for floor and interpretation channels
- Five control outputs to indicate channel engaged state

Certifications and approvals

Region	Certification
Europe	CE

Technical specifications

Electrical

Supply voltage	24 to 48 VDC
Power consumption	10.5 W (DC)
Frequency response	30 Hz to 20 kHz
THD at nominal level	<0.5%

CobraNet™	
Physical layer	Ethernet
Channels	4 in / 4 out per interface Max 64 on CobraNet™
Compliance	IEEE 802.3
Audio Transport	16 / 20 / 24-bit
Sample Rate	48 kHz
Latency	5.33 ms

Mechanical

Dimensions (H x W x D)	
for tabletop use, with feet	92 x 440 x 400 mm (3.6 x 17.3 x 15.7 in)
for 19" rack use, with brackets	88 x 483 x 400 mm (3.5 x 19 x 15.7 in)
in front of brackets	40 mm (1.6 in)
behind brackets	360 mm (14.2 in)
Weight	7 kg (15.4 lbs)
Mounting	Tabletop, 19"-rack
Color	Charcoal (PH 10736) with silver

Ordering information

LBB 4404/00 CobraNet Interface

network protocol for real-time uncompressed digital audio distribution over industry standard 100Base-T Ethernet networks.

Order number **LBB4404/00**

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