



PRS-4DEX4 Digital Audio Expander



- ▶ IF design award
- ▶ Room coupling facility
- ▶ Versatile audio distribution facility
- ▶ Optical network for coupling to the CCU
- ▶ AES/EBU or SPDIF
- ▶ Sample-rate converters (8 – 96 kHz)
- ▶ Automatic Gain Control
- ▶ Designed for redundant network cabling. The network can be either single branch or redundant loop.
- ▶ Four audio channels in for floor and interpretation channels
- ▶ Four audio channels out for floor and interpretation channels (16-bit 44.1 kHz)

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

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 CCU
- Two 3-pole XLR AES/EBU stereo inputs for 2 audio channels per input
- Two Cinch SPDIF stereo inputs for 2 audio channels per input
- Two 3-pole XLR AES/EBU stereo outputs for 2 audio channels per output
- Two Cinch SPDIF stereo outputs for 2 audio channels per output

- Eight control inputs to enable audio inputs and audio outputs
- Five control outputs to indicate channel engaged state
- One headphone output 3.5 mm (0.14 in) stereo

Technical Specifications

Electrical

Supply voltage	24 - 48 Vdc
Power consumption	6 W
Frequency response	30 Hz - 20 kHz
THD at nominal level	< 0.5 %

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 (13.2 lbs)
Color	Charcoal (PH 10736) with silver

Ordering Information

Model | Description

PRS-4DEX4 Digital 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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