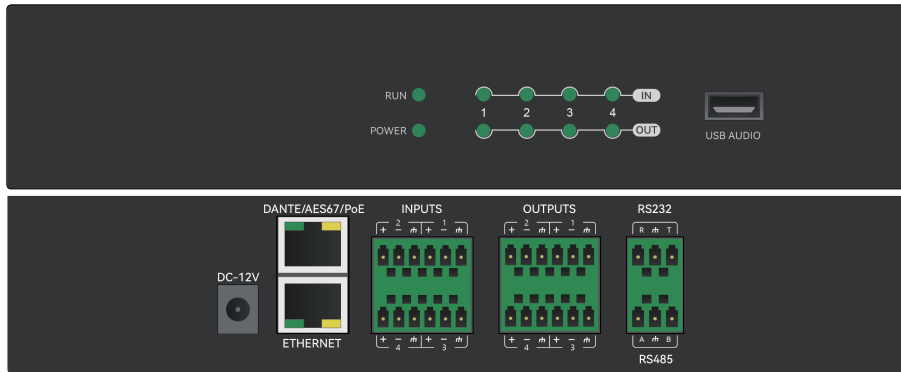


NLP44D 4x4 Digital Audio Processor (Dante)



Features

- ADI SHARC platform with semi-open architecture.
- Integrated management of multiple devices offers open user interface and supports good sound quality (at 24bit/48kHz.)
- Each channel has its own independent adaptive feedback suppression which can find and suppress audio feedback automatically.
- Full-duplex Adaptive Echo Cancellation (AEC) and Active Noise Cancellation (ANS).
- Gain sharing Auto Mixer Control (AMC).
- Automatic Gain Control (AGC).
- Full-featured audio mixing matrix supports adjustable input level.
- Provides up to 8 presets, each can work independently. Supports audio channel duplicating, linking, and grouping.
- Supports RS-232 and UDP central control.
- Provides the flexibility to assign UDP port number, with the control commands available through the control software.
- Works with 2 types of our wall panel products, both software programmable.
- Built-in dual channel USB sound card can be used for audio recording, audio broadcasting, and video conference.
- Supports both PoE power supply and DC 12V power adapter.
- Supports iOS and Windows operating system.

Specifications

Working power	DC 12V or PoE 48V
Sampling rate/quantization bits	48K/24bit
Number of analog input and output channels	4x4
Number of DANTE input and output channels	4x4
Input gain	0/6/12/18/24/30/36/42/48 dBu
Phantom power	+48V/10mA max
Frequency response	20Hz-20kHz±0.5dB
Maximum level	+18dBu
THD+N	<-100dB @17dBu
Dynamic input range	110 dB
Dynamic output range	112 dB
Channel isolation @1kHz	108 dB
Input impedance (balanced connection)	5.4KΩ
Output impedance (balanced connection)	600Ω
System latency	<3ms
Dimensions (W x DxH)	215x162x44mm