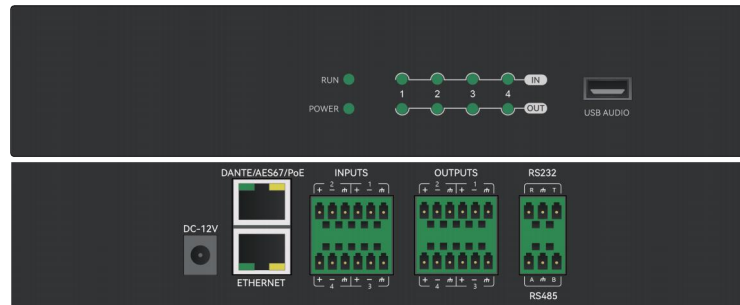


# NLP44D

4x4 Digital Audio Processor (Dante)



NHS AEC ANS AGC ANC

## Features

- Integrated management of multiple devices offers open user interface and supports good sound quality (at 24bit/48kHz.)
- Each channel has its own independent notch feedback suppression which can find and suppress audio feedback automatically.
- Full-duplex Adaptive Echo Cancellation (AEC) and Automatic Noise Suppression (ANS).
- Automatic Microphone Mixer (AMM).
- Automatic Gain Control (AGC).
- Full-featured audio mixing matrix supports adjustable input level.
- Provides up to 16 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 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.
- User Interface supports iOS, Android and Windows operating system.

## Specifications

Processor	ADI SHARC 21489	THD+N	≤0.002% (1kHz, +4dBu A-weighted)
Sampling rate/quantization bits	48kHz/24bit	Input dynamic range	113dB
Number of analog input and output channels	4x4	Output dynamic range	113dB
		Channel isolation @1kHz	108dB
Number of DANTE input and output channels	4x4	Input impedance (balanced connection)	5.4KΩ
		Output impedance (balanced connection)	600Ω
Input gain	0/6/12/18/24/30/36/42/48dB	System latency	<3ms
Phantom power	+48V/10mA max	Working power supply	DC12V/PoE
Frequency response	20Hz~20kHz (±0.5dB)	Dimensions (width x depth x height)	216x180x44mm
Maximum level	+18dBu	Shipping Weight (Net/Gross Weight)	1.71kg/2.03kg