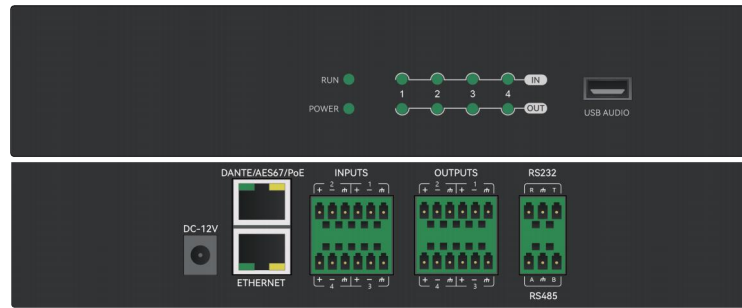


NLP44

4x4 Digital Audio Processor



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 | Input dynamic range | 113dB |
| Sampling rate/quantization bits | 48kHz/24bit | Output dynamic range | 113dB |
| Number of analog input and output channels | 4x4 | Channel isolation @1kHz | 108dB |
| | | Input impedance (balanced connection) | 5.4KΩ |
| Input gain | 0/6/12/18/24/30/36/42/48dB | Output impedance (balanced connection) | 600Ω |
| Phantom power | +48V/10mA max | System latency | <3ms |
| Frequency response | 20Hz~20kHz (±0.3dB) | Working power supply | DC12V/PoE |
| Maximum level | +18dBu | Dimensions (width x depth x height) | 216x180x44mm |
| THD+N | ≤0.002% (1kHz, +4dBu A-weighted) | Shipping Weight (Net/Gross Weight) | 1.66kg/1.98kg |