

WAVE44

4x4 Digital Audio Processor



NHS **AEC** **ANS** **AGC** **ANC** **AM**

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

Processor	ADI SHARC 21489	Input dynamic range	113dB
Sampling rate/quantization bits	48K/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 delay	<3ms
Frequency response	±0.3dB(20~20kHz)	Working power supply	DC 12V or PoE 48V
Maximum level	+18dBu	Dimensions (width x depth x height)	215x162x44mm
THD+N	<-95dB @17dBu	Shipping weight	2KG