4 In 4 Out Configurable Digital Audio Processor

Features:

▶ Built-in 2 in 2 out USB sound card, supporting music playback, recording and soft video conferencing, such as: ZOOM, Tencent Meeting, DingTalk Meeting, etc;

▶ Supports AFC (feedback suppression), AEC (echo cancellation), ANS (noise suppression), ANC (noise gain compensation), AGC (automatic gain), gain sharing, threshold automatic mixing.

▶ 8-band equalizer providing 5 filter options: Parametric, Lowshelf, Highshelf, Lowpass, Highpass.

▶ Provides customizable user interface, and support up to 30 devices to be managed under the same UI.

▶ Supports RS232, RS485 and UDP central control.

Model	DSP-440ND+
Processor	ADI SHARC 21489@450 MHz SIMD
DSP processing power	400 MIPS, 1.6 GFLOPS
Sample Rate	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 dB
Phantom Power	+48V/10mA max
Frequency Response	20~20kHz: ±0.5dB
Max. Level	+18dBu
THD+N	<-100dB @4dBu
Input Dynamic Range	110dB
Output Dynamic Range	112dB
Channel Isolation @1kHz	108dB
Input Impedance (balanced connection)	5.4KΩ
Output Impedance (balanced connection)	600Ω
System Latency	<3ms
Power Supply	DC12V/PoE48V
Dimension	215x162x44mm
Weight	2KG