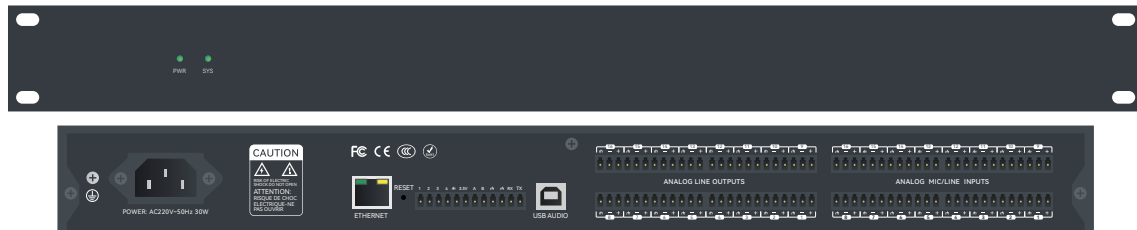


beidou PRO1616



AEC AFC ANS AGC AM

Features

- **Analog Input Channels: 16**
- **Analog Output Channels: 16**
- 4xGIPO
- 1xRS232
- 1x RS485
- Built-in USB sound card, supporting music playback, recording, and software video conferencing such as Zoom, Tencent Meeting, DingTalk Meeting, etc.
- Parametric, Lowshelf, Highshelf, Lowpass, Highpass; Bus-style AEC (Acoustic Echo Canceller) with a tail length of 512 ms, convergence rate of 60 dB/s, and echo cancellation amplitude of 60 dB. Independent channel AFC (Adaptive Feedback Canceller) using notch filtering algorithm, with a gain increase amplitude of 10 dB. Noise suppression (ANS) improving signal-to-noise ratio by 18 dB. 8-band British-style parametric equalizer, offering 5 filter choices: Parametric, Lowshelf, Highshelf, Lowpass, Highpass.
- Provide customized operation interface for end users, supporting management of up to 30 devices on a single interface.
- It has centralized control functionality, allowing for overall control of system components including power, signal switching, environmental control, and audio. This enables one-touch activation of system functions.

Specifications

Processor	ADI SHARC 21489
Sampling rate/quantization bits	48K/24bit
Number of analog input and output channels	16x16
Input gain	0/6/12/18/24/30/36/42/48dB
Phantom power	+48V/10mA max
Frequency response	±0.5dB (20~20kHz)
Maximum level	+18dBu
THD+N	<-100dB @4dBu
Dynamic input range	110dB
Dynamic output range	112dB
Channel isolation @1kHz	108dB
Input impedance (balanced connection)	5.4KΩ
Output impedance (balanced connection)	600Ω
System latency	<3ms
Working power	AC 220V, 50Hz
Dimensions (W x D x H))	482x200x45mm
Shipping weight	3KG