beidou 1616

(AEC) (AFC) (ANS) (AGC) (AM)

Features

- **Analog Input Channels: 16**
- **Analog Output Channels: 16**
- 1xRS232
- 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	110dB
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