



Feature:

1. Analog input channels: 8
2. Analog output channels: 8
3. Dante input channels: 8
4. Dante output channels: 8
5. Processor: ADI SHARC 21489@450 MHz SIMD8
6. DSP processing power: 400 MIPS, 1.6 GFLOPS
7. Sampling rate: 48 kHz, ± 100 ppm
8. THD+N: $< -94\text{dB @}4\text{dBu}$
9. Input dynamic range: 110dB
10. Output dynamic range: 112dB
11. The processing module is configurable and can be replaced freely according to needs
12. Provide 8 devices for simultaneous online operation
13. Built-in USB sound card, supports music playback, recording and soft video conferencing (such as: ZOOM, Tencent Conference, DingTalk Conference, etc.)
14. Bus-type AEC, tail time: 512ms, convergence rate: 60dB/S, echo cancellation amplitude: 60dB
15. Independent channel AFC (feedback suppression), using notch algorithm, transmission gain improvement: 10dB
16. Noise suppression (ANS), signal-to-noise ratio improvement of 18dB
17. Ducker
18. Noise gain compensator (ANC)
19. Gain sharing automatic mixer (AMC), threshold automatic mixer (Gate Mixer)
20. 12-band British parametric equalization, providing 5 filter options: Parametric, Lowshelf, Highshelf, Lowpass, Highpass
21. Provide terminal users with customized operation interface, supporting up to 30 devices to be managed in the same interface
22. Support camera tracking
23. With 8 GPIOs
24. With central control function, supports RS232, RS485, UDP three control methods, can control the power supply, signal switching, environmental control, audio and other overall control in the system, and realize one-key opening of the system required functions

Specification:

Processor	ADI SHARC 21489
Sampling rate/quantization bit	48K/24bit
Number of analog input and output channels	8 x 8
Number of Dante input and output channels	8 x 8
Input gain	0/3/6/9/12/15/18/21/24/27/30/33/36/39/42/45/48 dBu
Phantom power	+48V/10mA max
Frequency response (20~20kHz)	±0.3dB
Maximum level	+18dBu
THD+N	<-94dB @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 delay	<6ms
Working power supply	AC110~240V, 50Hz/60Hz
Dimensions (width x depth x height)	482 x 260 x 45mm
Shipping weight	4KG