



### Feature:

1. 8-in/8-out high-performance audio processor with 24-bit/48kHz sampling rate, built-in high-performance DSP for superior audio processing capabilities.
2. Integrated functions include gain-sharing auto-mixing, adaptive feedback cancellation (AFC), acoustic echo cancellation (AEC), automatic noise suppression (ANC), matrix mixing, and automatic gain control for clear and stable audio output.
3. Input Channels: Each channel features preamp, signal generator (sine/pink/white noise), expander, compressor, 5-band parametric EQ, 48V phantom power, phase control, and mute—supporting versatile audio needs.
4. Output Channels: Each channel includes 31-band graphic EQ, delay, high/low-pass crossover, limiter, phase control, and mute for precise sound tuning.
5. Supports assigning individual Chinese names to each channel for easier operation.
6. Multilingual interface: Simplified Chinese, Traditional Chinese, and English.
7. One-click display of all function modules; intuitive graphical software interface for easy control.
8. Built-in control code generation for integration with central control systems.
9. Supports 8 scene presets for quick adaptation to various application environments.
10. Built-in device lock and power-off memory protection to prevent misoperation.
11. Real-time device management via Ethernet multi-purpose data transmission and control port.
12. One-key factory reset supported (press and hold for 5 seconds).
13. Channel parameter copy & paste function to improve efficiency.
14. Supports management by up to 10 users per host; usernames can be set in Chinese.
15. USB interface supports firmware upgrades, playback, and recording.
16. Built-in bidirectional RS-485 and 2 GPIO interfaces.
17. Accessible via web browser; no CD installation needed—PC client and platform components available for direct download.
18. Optional control panel available for expanded application scenarios.

### ► Specification:

Item	Specification
Analog Input Channels	8 Balanced Inputs
Analog Output Channels	8 Balanced Outputs
Sampling Rate	24-bit / 48kHz
Sensitivity (dBu)	18 / 12 / 6 / 0 / -6 / -12 / -18 / -24
Phantom Power	48V
Frequency Response	20Hz – 20kHz ±0.2dB
THD+N	≤0.004% @ 4dBu
DAC Dynamic Range (A-weighted)	120dB
ADC Dynamic Range (A-weighted)	114dB
Input Impedance (Balanced)	20kΩ
Output Impedance (Balanced)	100Ω
Channel Crosstalk	104dB @ 1kHz, 4dBu
Common Mode Rejection Ratio (CMRR)	70dB @ 80Hz
Maximum Input Level	18dBu (Balanced)
Maximum Output Level	18dBu (Balanced)
Noise Floor	-90dBu
Power Supply	DC 12V / 2A
Operating Temperature	-10°C to +40°C
Power Consumption	<24W
Chassis Dimensions (W×D×H)	484 × 208 × 44 mm
Net Weight	2.35kg
Package Dimensions (W×D×H)	591 × 343 × 112 mm
Shipping Weight	3.1kg (per unit)