



## Features

1. It is mainly used in scenarios of analog microphone sound reinforcement and multi-channel audio source mixing, and can meet the needs of sound reinforcement system applications in conference rooms, courtrooms, auditoriums, multi-function halls, performances, classrooms and other places.
2. Supports 4 scene switching and flexible import and export of scene data.
3. The input has 10-band graphic equalizer adjustment, the output has 31-band graphic equalizer adjustment, and the parameters can be adjusted by dragging across the entire frequency band.
4. The software interface is intuitive and graphical, and can work in XP/Windows7, 8, 10 and other system environments.
5. It has automatic mixing functions, including gain sharing mixing and threshold automatic mixing.
6. With device positioning function.
7. It has the function of restoring factory settings.
8. It has rich audio processing functions: ducker, automatic gain, equalizer, crossover.
9. With power-off automatic protection memory function.
10. It has 16 analog inputs and 4 analog outputs, and the input supports switching between microphone input and line input. Each input has 48V phantom power and can be configured individually through PC software.
11. High-performance DSP processing, 40-bit DPS processor (400 MHz main frequency), providing 32-bit/48kHz excellent high-quality sound.
12. The high and low pass crossovers are fully adjustable, with three filters available: Bessel, Linkwich-Rayleigh, and Butterworth.
13. Ethernet multi-purpose data transmission and control port can support real-time management of single and multiple devices.
14. Supports 2 groups of mixing groups, each group can freely select input channel and output channel routing.
15. With expander function, it can make the audio dynamic range wider by increasing the peak and attenuation of audio signals; making the audio sound more real and vivid.

## Specification

Frequency Response	20Hz—20kHz (±1dB)
Signal-to-Noise Ratio	≥ 108dB@1kHz 18dBu(A-weighted)
Distortion	MIC≤0.04%, LINE≤0.035%
Channel isolation	≥ 106dB@1kHz 18dBu(A-weighted)
Input per channel	16 balanced microphone/line inputs, using bare wire interface terminals and balanced connection.
Output per channel	4 balanced line outputs, using bare wire interface terminals and balanced connection.
Input sensitivity	MIC IN : 120mV; LINE IN: 775mV
Maximum input level	15dBu
Maximum output level	18dBu
cool down	Fan forced cooling
Power consumption	20W
Power supply range	AC110V-240V
Operating temperature	-10°C~45°C
Product size (LxDxH)	484X203X45mm
net weight	2.6kg