



Description:

It is a high-performance digital audio processor highly integrating multiple audio processing technologies, with 4 inputs and 4 outputs. It adopts DSP audio processing technology to provide users with superior sound quality. It has functions of built-in feedback suppression, echo cancellation, noise cancellation, etc. It is mainly used in medium and large-scale venues such as stadiums, conference centers, auditoriums, banquet halls, exhibition halls, multimedia conferences, command centers and so on.

Feature:

- Each input channel: 4 balanced microphone/line inputs, bare wire interface terminal, balanced connection.
- Each output channel: 4 balanced line outputs, bare wire interface terminal, balanced connection.
- Provide 24bit/48KHz high quality sound.
- Full-featured matrix mixing, flexible and simple signal routing operations, routing path supports free combinations.
- Provide the USB interface for multimedia storage to play audios or store recording.
- The bidirectional RS-232 interface can be used to control external devices.
- The RS-485 interface can achieve automatic camera tracking.
- 8-channel programmable GPIO control interface (customized input and output).
- Support automatic memory protection after power failure.
- Support channel copy, paste, and gang control functions.
- Ethernet multi-purpose data transmission and control port, can support real-time management of single and multiple devices.
- Support access to the device through the browser, download the built-in management and control software, intuitive and graphical interface; support XP/Windows7, 8, 10 and other systems.
- Support APP of iOS, iPad, Android mobile phone / tablet computer for operation control.

Specification:

Model	SG-PA-TS-P8440
Input channel	Preamplifier, signal generator, extender, compressor, 5-band parametric equalizer, AM auto mixing function, AFC adaptive feedback cancellation, AEC echo cancellation, ANC noise cancellation
Output channel	31-band parametric equalizer, delayer, frequency divider, high-low-pass filter, limiter
Sampling rate	48K
Phantom power supply	DC 48V
Frequency response	20Hz-20KHz
THD + noise	<0.002% @1KHz, 4dBu
D/A dynamic range (A-weighted)	120dB
A/D dynamic range (A-weighted)	120dB
Input impedance (balanced)	20KΩ
Maximum output impedance (balanced)	100Ω
Channel separation	1kHz, 100dB
Input KCMR	60Hz, 80dB
Maximum output level	+24dBu, balanced
Maximum input level	+24dBu, balanced
Working temperature	0°C-40°C
Working power supply	AC110V-220V, 50Hz/60Hz
Power consumption	<40W
Size	482×258×45mm(W×D×H)
Net weight	1.95kg
Gross weight	2.9kg