



Description

It is a high-performance 8 in and 4 out digital audio processor highly integrating multiple audio processing technologies. It adopts DSP audio processing technology, built-in feedback suppression, echo cancellation, noise cancellation and other functions to provide users with superior sound quality. It is mainly used in medium and large-scale venues such as stadiums, auditoriums, banquet halls, exhibition halls, multimedia conferences, etc.

Feature

- * Input channel: 8 balanced Mic/Line inputs, using bare wire interface terminals, balanced connection.
- * Output channel: 4 balanced Line outputs, using bare wire interface terminals, balanced connection.
- * Provide 24bit/48kHz excellent high sound quality.
- * Full-featured matrix mixing, flexible and simple signal routing operations, routing path and level size can be completed with one button.
- * With a 2.19-inch LCD screen, it supports the display of device network information, real-time levels, channel mute status, and matrix mixing status.
- * With USB interface, it supports multimedia storage for recording playback or storage.
- * With bidirectional RS-232 interface, it can be used to control external devices.
- * With RS-485 interface, it can realize automatic camera tracking function.
- * With 8-channel programmable GPIO control interfaces (customized input and output).
- * Support power-off automatic memory protection function.
- * Support channel copy, paste, and joint control functions.
- * Ethernet multi-use data transmission and control port supports real-time management of single and multiple devices.
- * Support access to the device through the browser, download the built-in control software; intuitive and graphical software interface, XP/Windows7, 8, 10 and other system environments.
- * Support operation control through ipad, iPhone or Android mobile APP software.
- * Support scene preset function, support up to 100 sets of scenes.

Specification

Model	TS-P840
Input channel	Pre-amplifier, signal generator, extender, compressor, 5-band parametric equalization, AM automix, AFC adaptive feedback cancellation, AEC echo cancellation, ANC noise cancellation
Output channel	31-band graphic equalizer, delay, crossover, high and low pass filter, limiter
Sampling rate	48K
Phantom power	DC 48V
Frequency response	20Hz-20kHz
THD + Noise	≤0.003%,4dBu
D/A dynamic range (A-weighted)	114dB
A/D dynamic range (A-weighted)	120dB
Input impedance (Balanced)	20KΩ
Maximum output impedance (Balanced)	100Ω



Audio Processor

TS-P840

Channel isolation	1kHz, 104dB
ICMR	70dB @80Hz
Maximum output level	+18dBu, balanced
Maximum input level	+18dBu, balanced
Working temperature	0°C~40°C
Working power	AC110V-220V, 50Hz/60Hz
Power consumption	<40W
Dimension (W×D×H)	482×258×45mm
Net weight	1.95kg
Gross weight	3kg