



Audio processor

TS-P840



Description:

A high-performance, multi-audio processing technology with 8 channels of input and 4 output digital audio processors, using DSP audio processing technology to provide users with superior sound quality; built-in feedback suppression, echo cancellation, noise cancellation, etc., restore high quality sound. It is mainly used in medium and large-scale places, and can meet various application requirements such as remote video conferences, stadiums, conference centers, auditoriums, banquet halls, exhibition halls, multimedia conferences, command centers and other public sound reinforcement systems.

Feature:

- * Input per channel: 8-channel balanced microphone/line, with bare wire interface terminals, balanced connection.
- * Output per channel: 4 balanced line output, using bare wire interface terminals, balanced connection.
- * Provide excellent high quality sound of 24bit/48KHz.
- * Full-featured matrix mixing, providing users with flexible and simple signal routing operations, routing paths and levels can be done on a single button.
- * The panel has a USB interface, supports multimedia storage, can be played or stored and recorded.
- * Configure a bidirectional RS-232 interface that can be used to control external devices.
- * Configure the RS-485 interface to achieve automatic camera tracking.
- * Configure 8-channel programmable GPIO control interface (customizable input and output).
- * Support power-off automatic protection memory function.
- * Support channel copy, paste, and joint 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 own management control software; software interface is intuitive, graphical, can work in XP/Windows7, 8, 10 and other system environments.
- * Support iOS, iPad, Android mobile phone / tablet APP for operational control.

Specification:

Model	TS-P840
Input channel	Preamplifier, signal generator, expander, compressor, 5-band parametric, equalization, AM automix function, AFC adaptive feedback cancellation, AEC echo cancellation, ANC noise cancellation
Output channel	31-band parametric equalizer, delay, frequency divider, high-low-pass filter, limiter
Sampling Rate	48KHz
Phantom power supply	DC 48V
Frequency response	20Hz-20KHz
Total harmonic distortion + noise	<0.002% @1KHz, 4dBu
Digital/analog dynamic range (A-weighting)	120dB
A/D dynamic range (A-weighting)	120dB
Input impedance (balanced)	20K Ω
Maximum output impedance (balanced)	100 Ω
Channel isolation	1kHz, 100dB
Input common mode rejection	60Hz, 80dB
Maximum output level	+24dBu, balance
Maximum input level	+24dBu, balance
Operating temperature	0°C-40°C
Working power supply	AC110V-220V, 50Hz/60Hz
Power consumption	<40W
Size (W x D x H)	482×258×45 (mm)