



Audio Processor

TS-P1616



Description:

It is a high-performance digital audio processor highly integrating multiple audio processing technologies, with 16 inputs and 16 outputs. It adopts DSP audio processing technology, built-in feedback suppression, echo cancellation, noise elimination, and other functions, to provide users with excellent sound quality. It is mainly used in medium and large venues such as stadiums, auditoriums, banquet halls, exhibition halls, and multimedia conferences.

Feature:

- * Each input channel: 16 balanced microphone/line inputs, bare wiring interface terminal, balanced connection.
- * Each output channel: 16 balanced line outputs, bare wiring interface terminal, balanced connection.
- * Provide 24bit/48KHz high quality sound.
- * Full-featured matrix mixing, flexible and simple signal routing operations, routing path and level size can be completed with one button.
- * 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/Windows 7, 8, 10 and other systems.
- * Support APP of iOS, iPad, Android mobile phone / tablet computer for operational control.

Specification:

Model	TS-P1616
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-lower pass filter, limiter
Sampling rate	48K
Phantom power	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
Power supply	AC 110V-220V, 50Hz / 60Hz
Power consumption	<40W
Size	482 × 258 × 45mm(W×D×H)