



4-in 8-out Digital Audio Processor

TS-P480



Description:

It is a high-performance 4 in and 8 out digital audio processor highly integrating multiple audio processing technologies. It adopts DSP audio processing technology 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: 4 balanced line inputs, standard XLR interface, balanced connection.
- * Each output channel: 8 balanced line outputs, standard XLR interface, balanced connection.
- * Provide 24bit/48KHz sound quality.
- * Full-featured matrix mixing, flexible and simple signal routing operations, routing path and level size can be finished with one button.
- * Support FIR filter.
- * Built-in digital audio processing algorithms: gain, delay, EQ, mixing matrix, compressor, distributor and limiter.
- * Support power-off automatic memory protection function.
- * Support channel joint control function.
- * Support both USB and RJ45 connection methods for PC software control. Support RS232 control, provide third-party control protocol for connecting with central control system.
- * Equipped with control software, intuitive and graphical interface; support XP/Windows7, 8, 10 and other systems.

Specification:

Model	TS-P480
Input channel	Pre-amplifier, delayer, extender, compressor, 31-band graphic equalizer
Output channel	15-band parametric equalizer, delayer, crossover, FIR filter, high and low pass filter, limiter
Sampling rate	48K
Frequency response	20Hz-20kHz ± 0.5 dB
THD + N	<0.002% @1kHz ,4dBu
D/A dynamic range (A-weighted)	120dB
A/D dynamic range (A-weighted)	120dB
Input impedance (balanced)	20K Ω
Maximum output impedance (balanced)	100 Ω
Channel separation	1kHz, 100dB
Input CMRR	60Hz, 80dB
Maximum output level	+20dBu, balanced
Maximum input level	+20dBu, balanced
Working temperature	0 $^{\circ}$ C-40 $^{\circ}$ C
Power supply	AC110V-220V, 50Hz/60Hz
Power consumption	<40W
Dimension	482 \times 258 \times 45mm (W \times D \times H)
Net weight	2.56kg
Gross weight	3.56kg