



Audio Processor

TS-P480D



Description:

It is a high-performance digital audio processor highly integrating multiple audio processing technologies, with 4 analog inputs, 4 Dante inputs and 8 outputs. It adopts DSP audio processing technology 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, and so on.

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.
- * Support DANTE network transmission protocol, low-latency DANTE network audio transmission, 4 inputs.
- * Provide 24bit/48KHz high quality sound.
- * Full-featured matrix mixing, flexible and simple signal routing operations, routing path and level can be completed on a 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 management control software; intuitive and graphical software interface, support XP/Windows7, 8, 10 and other systems.

Specification:

Model	TS-P480D
Input channel	Pre-amplifier, delayer, extender, compressor, 31-band graphic equalizer, 4-channel Dante input
Output channel	15-band parametric equalizer, delayer, frequency divider, FIR filter, high and low pass filter, limiter
Dante interface	2
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