16 Input And 16 Output Digital (With DANTE Network Transmission Protocol) TS-P1616D

Description

*TS-P1616D is a high-performance, multi-audio processing technology highly integrated digital audio processor with 16 input and 16 output, adopting DSP audio processing technology to provide users with excellent sound quality; With built-in feedback suppression, echo cancellation, noise elimination, Dante network transmission and other functions, to achieve high-quality sound. It's mainly used in large and medium-sized places, to meet multiple application requirements for the video conferencing, stadium, conference center, auditorium, banquet hall, exhibition hall, multimedia conference, command center and other public sound system.

Feature

*Each input channel: 16 balanced MIC / Aux, using bare wiring interface, balanced connection.

*Each output channel: 16 balanced Aux output, using bare wiring interface, balanced connection.

*Support DANTE network transmission protocol, low latency DANTE network audio transmission, 16 transmission channel, 16 receiving channel, can achieve network audio expansion.

*Provide 24 bit/48KHz excellent high-quality sound.

*Full-function matrix mixing, providing users with flexible, simple signal routing operations, routing paths and level sizes can be completed on a single button.

*The panel featured with USB interface, support upgrading program from USB port.

*Configured with bidirectional RS-232 interface, can be used to control external devices.

*Configured with RS-485 interface, can achieve automatic camera tracking function.

*Configured with 8-channel programmable GPIO control interface (Input and output can be customized).

*Support automatic protection memory function when power off.

*Support channel copy, paste, control function.

*Enternet multi-purpose data transmission and control port, can support real-time management of single and multiple devices.

*Support to access the device through the browser, to download with own management control software; with intuitive and graphical software interface, can work with XP / Windows7, 8,10 and other system.

*Support ios, Ipad, Android mobile phone/tablet app operation control.

Model	TS-P1616D
Input Channel	Pre amplifier, Signal generator, Expander, Compressor, 5 segment parametric equilibrium equalizer, AM auto-mix function, AFC adaptive feedback cancellation. AEC echo cancellation, ANC noise cancellation
Output Channel	31-segment parametric equalizer, Delay timer, Frequency divider, High-lower channel filter, limiter
Dante Interface	2
Sampling Rate	48K
Phantom Power	DC 48V
Frequency Response	20Hz-20KHz
Total Harmonic Distortion+Noise	<0.002% @ 1KHz, 4dBu
Digital/Analog Dynamic Range(A-Weighted)	120dB
Modulus / Number Dynamic Range(A-Weighted)	120dB
Input Impedance (Balanced)	20KΩ
Maximum Output Impedance (Balanced)	100Ω
Channel Isolation	1kHz, 100dB
Input Common Mode Rejection	60Hz, 80dB
Maximum Output Level	+ 24dBu, balanced
Maximum Input Level	+ 24dBu, balanced
Operating Temperature	0℃~40℃
Working Power	AC 110V-220V, 50Hz / 60Hz
Power Consumption	<40W
Dimensions (mm)	482(W) × 258(D) × 45(H)
Weight	2.345kg