

OSTRICH XD Series

Dante Interface Chassis



Product Introduction

This product is an audio interface device based on the international Dante protocol, capable of converting analog audio signals into digital ones and routing them through the Dante protocol to any Dante audio transmission network device. It offers high-quality, long-distance transmission, low latency, strong anti-interference ability, and convenient networking. It also supports the connection of any Dante network digital audio, converting it into analog audio output for integration with traditional analog audio equipment such as mixing consoles, amplifiers, processors, etc. The device employs high-quality AD/DA signal conversion chips and provides 48V phantom power supply, allowing for the connection of higher-quality condenser microphones.

Functions

- ✧ Based on the Dante international common protocol audio interface device, can realize the analog audio signal input, converted to digital audio signal, through the Dante protocol routing to any Dante audio transmission network equipment;
- ✧ Support any Dante network digital audio access, converted to analog audio signal output, access to traditional analog audio equipment such as mixing consoles, amplifiers, processors and so on;
- ✧ Lossless transmission of audio signals over long distances;
- ✧ Realize point-to-multipoint transmission;

- ✧ Support 16-channel 48V phantom power, can access condenser microphone;
- ✧ High-quality AD/DA signal conversion chip;
- ✧ Input contains phantom power, channel mute, sensitivity adjustment function;
- ✧ Output contains channel mute function;
- ✧ Self-contained TFT screen, embedded GUI software control, can be quickly configured manually, view device network information and help information;
- ✧ The panel provides channel signal indicator, clipping overload indicator phantom power indicator and edit knob, control button, return button;
- ✧ Support web control, browsing, adjustment;
- ✧ Built-in RS232 bidirectional interface, you can receive responses to third-party control commands, configure Dante main and backup RJ45 network interface.

Specification

Input Interfaces	8/16 Analog + 8/16 Dante
Output Interfaces	8/16 Analog + 8/16 Dante
Input Gain	0dB~51dB, 3dB per level
Control Interfaces	1 RJ45 interface, 1 RS232 interface
Phantom Power	DC 48V
Sampling Rate	48KHz
Bit Depth	24-bit
Input Impedance	Balanced: 20K Ω
Output Impedance	Balanced: 100 Ω
Common Mode Rejection Ratio	>60dB@50Hz
Input Dynamic Range	110dB
Frequency Response	20Hz~20KHz, ± 0.2 dB

Noise Floor	-90dBu
Signal-to-Noise Ratio	108dB
THD+N	≤0.005% @1kHz, +4dBu
Channel Isolation	>100dB@1kHz
Maximum Output Level	20dBu
Maximum Input Level	20dBu
Analog/Digital Dynamic Range	118dB
Digital/Analog Dynamic Range	118dB
Operating Voltage	AC 100V~240V, 50Hz/60Hz
Maximum Power	26W
Operating Temperature and Humidity	0°C~40°C, 10%~90%RH, No condensation
Chassis	2U
Product Dimensions (L×W×H)	486mm×176mm×110mm
Net Weight	3kg/4kg
Package Dimensions (L×W×H)	510mm×238mm×172mm
Package Weight	4kg/5kg