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

Analog channels	8/16 XLR balanced/line inputs 8/16 XLR balanced/line outputs
Dante channels	8/16 inputs,8/16 outputs
Input Gain Amplification	0dB ~ 51dB,3dB per level
Sensitivity	0dB ~ 51dB,3dB per level
Sampling Rate	24bit
Sampling Rate	48k
Frequency Response	20HZ ~ 20K HZ ,±0.5dB
Maximum Input Level(balanced)	20dBu
Maximum Output Level(Balanced)	20dBu
Background Noise	-90dBu
THD+N	< 0.002% @ 4dBu
Analog-to-Digital Dynamic Range	118dB
Digital-to-Analog Dynamic Range	118dB

Input-to-Output Dynamic Range	110dB
Input Impedance(Balanced)	20KΩ
Output Impedance(Balanced)	100Ω
Input Common Mode Rejection	80dB @50Hz
Channel Isolation @1kHz	100dB
Phantom Power	48V
Operating Temperature	-10℃-40℃
Power Supply	AC 110V-220V,50Hz/60Hz
Power Consumption	30W
Product Weight	3.5kg
Product Size	486×156×110mm