



This Dante 2CH USB Audio Encoder/Decoder serves as a Dante sound card adapter utilizing the Dante Ultimo solution. It facilitates USB audio transmission. Featuring a built-in USB sound card chip, it transmits audio signals over a network using Dante technology. It also supports USB power supply and POE functionality. The product is compact and portable, with a plug-and-play design, making it ideal for recording studios, art festivals, concerts, and various other applications.

Key Features

- Compliant with USB 2.0 Full Speed Operation
- Compliant with USB Audio Device Class Specification V1.0
- Analog sound card, supporting MIC input and SPK Output
- Audio sampling rate supports 44.1kHz, 48kHz and 96kHz (24bit)
- Dante solution supports AES67 RTP audio transmission
- Support USB 5V power supply and POE function (IEEE802.3af Class 0)

Specifications

Technical

Parameter	Specification
Video Network Bandwidth	100M
Audio Formats	PCM 2.0 44.1kHz/48kHz/96kHz up to 24bit
Transmission Distance	100m (CAT6/6A)
Frequency Response	20Hz to 20kHz
Control Method	Dante Controller

Connections

Port Type	Details
Input and output	1x USB-B 1x DANTE [RJ45 connector, POE]

Mechanical

Parameter	Specification
Housing	Metal Enclosure
Color	Black
Dimensions	120mm [W] x 47mm [D] x 26mm [H]
Weight	188g
Power Supply	USB input: 5V-500mA POE input: IEEE802.3af Class 0
Power Consumption	1W
Operation Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)