

DIT2E13A USER MANUAL

Audio Line Input / Dante interface

DIT2E13A Dante Box is designed to provide two channels audio signal to the Dante network by the Euro terminal input. Simply use Cat5 cable to connect the RJ45 port to an Ethernet switch, and using “Dante controller” to route the low latency of signal to other devices which already connected on the same Dante network.

Features:

Dante Interface for Audio Output

Terminal Block Input Jack on front panel

Converts Audio Line Signal to Dante Network.

Input Gain Control on front panel

Dante Sample Rates Support: 44.1 KHz ~ 96 KHz.

High Resolution Analog to Digital Conversion

Power over Ethernet (PoE)

Excellent Audio quality.



Operation:

1. RJ45 port: Using Cat5 cable to connect to Dante network.

Note: The Ethernet switch needs to have PoE power supply.

2. SYNC LED: Indicates the status of Dante network.

3. Euro Terminal input: Receive the audio signal to Dante network.

4. Line Volume: Gain control for input level.

Dante Controller

DIT2E13A is built in Dante interface and compatible with the software “Dante Controller”.

The software “Dante Controller” is free to download from the company of Audinate (the owner of Dante technology). To install the software on the computer, please visit the link:

<https://www.audinate.com/products/software/dante-controller>

And the “User Guide” of “Dante Controller” is available on the Audinate website:

<https://www.audinate.com/resources/technical-documentation>

The tables below list the minimum system specifications for the computer to use Dante Controller :

Component	Minimum Requirement
Processor	1 GHz or better
Memory	512 Mbytes RAM
Network	Standard Ethernet network interface (100Mbps or Gigabit) or wireless LAN (Wi-Fi) interface
Operating System	Windows 7 (SP1 and above), 8.1 and 10 NOTE: Both UTF-8 and Unicode are supported EXCEPT for host or device names; the DNS standard does not support Unicode for these
	Mac OS X 10.11.6, 10.12.6 and 10.13 NOTE: Intel architecture only; PPC architecture is not supported

Specification

LINE Input: 5 pin Euro Terminal , Balanced/Unbalanced.

Input Impedance: 40 Ω

Sensitivity

Input Level Sensitivity: -10 dBu nominal

Input Level Sensitivity: +10 dBu Maximum

Frequency Response: 20Hz to 20KHz (+/- 0.5 dB)

THD+N : <0.1 %

Noise: <-75dB

Crosstalk: <-70dB

Dante channel

Transmitters/Receivers: 2/2

Transmission rate: 100 Mbps

Resolution: 16/24/32 Bit

Sampling rate: 44.1 kHz, 48 kHz, 88.2 KHz, 96 KHz.

Dante interface: RJ45 jack

Power supply: PoE IEEE 802.3af

Dimensions: 92.5mm(W) × 25.2mm(H) × 68.2mm(D)

Weight: 200 g