

## DIR1222A USER MANUAL

### Audio Line L/R RCA output / Dante interface

DIR1222A Dante Box is designed to receive two channels audio signal from the Dante network, and converts to analogue RCA outputs. Simply use Cat5 cable to connect the RJ45 port to an Ethernet switch, and using “Dante controller” to receive the low latency of signal from other devices which already connected on the same Dante network.

#### Features:

- Dante Interface for Audio Input.
- RCA output Jacks on front panel.
- Converts Dante Audio Signal to Unbalanced Line Level.
- Selectable Dante Sample Rates: 44.1 kHz ~ 96 kHz.
- High Resolution Digital to Analog 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. RCA output: Receive the audio signal from Dante network.
4. Line Volume: Gain control for output level.

#### Dante Controller

DIR1222A 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 <b>NOTE:</b> 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 <b>NOTE:</b> Intel architecture only; PPC architecture is not supported

## Specification

LINE OUT : RCA, Unbalanced

Output Impedance: 40  $\Omega$

Output Level: -10 dBu nominal

Output Level: +10 dBu Maximum

Output Voltage: +20dBu (@ 0dB output gain)

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, 96KHz.

Dante interface: RJ45 jack

Power supply: PoE IEEE 802.3af

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

Weight: 190 g