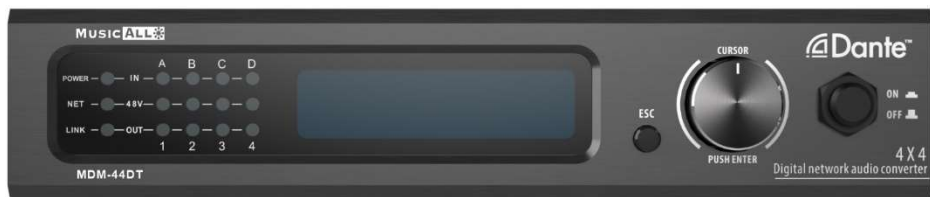


MDM-44DT



Network audio convertor 4x4

4x4 Dante channels



User manual

Technical Parameters

Input channels: 4x balanced input, Mic/Line level

Input interface: 3.81mm Phoenix, 12-pin

Input impedance: 11.5k ohm

Max input level: 12dBu/Line; 12dBu/Mic

Phantom: DC +48V 4.5mA/ch

Output channels: 4x balanced output, Line level

Frequency response: 20Hz to 20kHz(+/-

0.1)/Line; 20Hz to 20kHz(+/-0.1)/Mic

THD+N: -90dB(0dBu, 1kHz, A-wt)/Line; -

90dB(0dBu, 1kHz, A-wt)/Mic

SNR: 93dB(0dBu, 1kHz, A-wt)/Line; 93dB(0dBu,

1kHz, A-wt)/Line

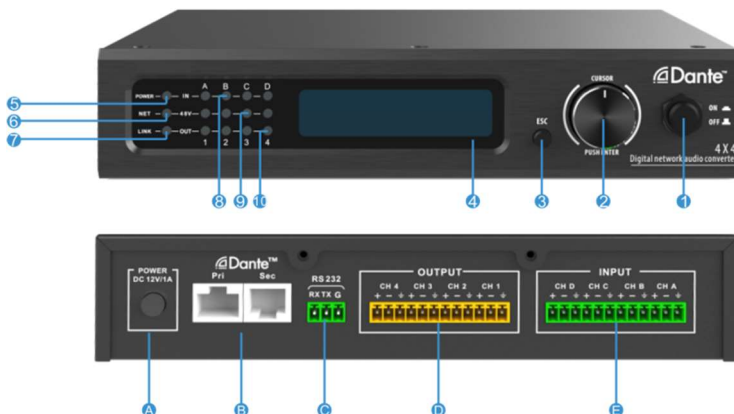
Power supply: DC +12V

Dimension: 215mm*145mm*45mm

Net weight: 1.2kg

Gross weight: 1.4kg

Panel operating



1. Power on/off

2. Menu select and enter

3. ESC

4. LCD display

5. Power on indicator

6. Network indicator

7. Control indicator

8. Input signal indicator

9. 48V indicator

10. Output signal indicator

A. Power plug

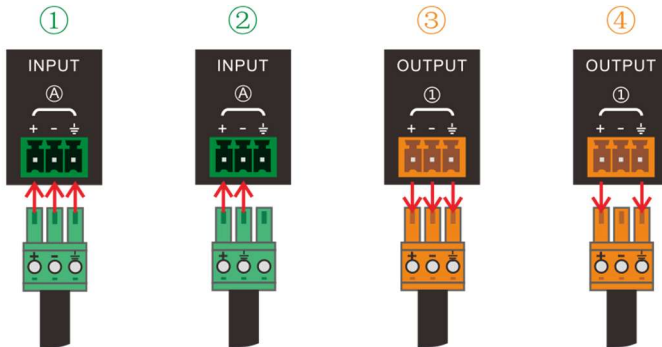
B. RJ45 dual port for Dante network

C. RS232 interface (RX TX G)

D. Balanced analog output

E. Balanced analog input (Line/Mic level)

Connections



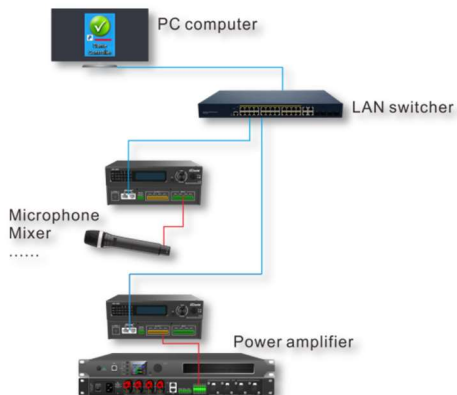
Balanced source Unbalanced source Balanced output Unbalanced output

- ① When input is connected to a balanced source, wiring signal hot+, cold- and earth G in normal.
- ② When input is connected to a unbalanced source, wiring signal hot+, cold-.
- ③ When output is connected to a balanced device, wiring signal hot+, cold- and earth G in normal.
- ④ When output is connected to a unbalanced device, wiring signal hot+, earth G.

Notice: only balanced condenser microphones are supported.

Dante network audio routing

- ① Setup software **Dante Controller** which can be downloaded from www.audinate.com.
- ② Connect audio devices to this converter, and then connect it to a LAN switch.
- ③ Open Dante Controller and route the audio signals.



PC control software

Setup this Dante converter by using PC control software MusicAIDSP, and set parameters like **Line/Mic**, gain, **48V on/off**.

Software support LAN (UDP) and serial RS232 connections:

“Device List” - “Settings” - “UDP”(LAN) or “COM”(RS232) - “OK”

①UDP(LAN) connection: there is RJ45 dual-network port on rear panel. Except for Dante network audio, it can be used for UDP control. After selecting it and clicking OK, the software will scan and find the Dante network audio convertor.

Remark: The Dante network audio convertor and PC should be in same IP range, like 168.254.xxx.xxx. If not the same, please set it by right clicking as per below picture, which will show Net settings window.

②COM(RS232) connection: please select corresponding port and baud rate of COM connection, then the software will scan and find the Dante network audio convertor.

