

USER MANUAL

DW-BT

DANTE™ BLUETOOTH WALL PANEL 



MAJORCOM:

Manual to download in PDF format on www.majorcom.fr

1. DESCRIPTION

Dante DW-BT is a wall-mount plate for converting analog audio signals, Bluetooth into digital Dante signals over the network. Ideal for long distance audio transmission over the network.

Dante DW-BT est une platine murale permettant de convertir les signaux analogiques, Bluetooth et Dante. Elle est largement utilisée pour la téléconférence, la transmission audio longue distance et d'autres applications.

2. FEATURES

- CAT5/6 connector to link with Dante network and controlled by Audinate
- Small size integrated mounting bracket which can be installed in very limited space
- Adopt advanced V5.0 Bluetooth technology
- Bluetooth is easy to pair by pressing the PAIR button
- Compatible with a variety of mobile phones, tablets, computers and other devices
- With RCA and 3.5mm TRS stereo input, TRS priority
- With one 3.5mm TRS stereo output;
- Support PoE power supply
- Integrated power supply and audio transmission in one body
- With Bluetooth call bridge function for conference purposes
- Convert 1 Bluetooth Audio signal to 2 Dante network audio channel
- Convert 1 aux or 3.5 jack stereo to 2 Dante network audio channel
- Receiving Dante network audio signal via local 3.5 jack

3. SPECIFICATION

Model	DW-BT
Dante audio channels	x4
Input interface	Bluetooth 5.0 / 2x RCA stereo / Mini-jack 3,5 mm
Output interface	Bluetooth 5.0, stereo, 3,5 mm TRS*1
Signal to noise ratio	>100dB
Noise floor	-90dB
Power consumption	2W
THD	Less than 0,005 %
Frequency response	20~20KHz
Power supply	POE
Operating temperature	-10°C - 40°C
Operating humidity	5~95%
Dimensions	123,5×109,1×30mm

4. PRODUCT OVERVIEW



- 1

Red indicator

:

Power/Bluetooth disconnected
- 2

Blue indicator: Bluetooth connection is successful
- 3

RCA stereo input interface
- 4

3.5mm TRS input interface /3.5mm TRS output interface
- 5

Bluetooth pairing button
- 6

RJ45 Network Interface

5. OPERATION

CONNECT THE EQUIPMENT CORRECTLY

- 1 - Long press the PAIR button on the panel for about 3 seconds, the red and blue LED indicator lights start to flash alternately, it means that it is visible to other devices and can receive pairing.
- 2 - Use Dante Controller software to control DANTE audio routing :
 - Channels 1 and 2 route stereo Bluetooth audio directly to the Dante network.
 - Channels 3 and 4 can route analog signal RCA input or 3.5mm TRS input to the Dante network.
 - Dante device digital signal input can be converted into analog signal through the 3.5mm TRS interface for output.
 - Bluetooth name can also be modified.

POWER ON

After starting DW-BT, the red and blue LED indicator on the panel will flash alternately for a short time. After successfully power on, it will turn into red light flash.

If the LED indicator light is not on or always on, the equipment will fail. It is recommended to power off and restart the equipment first.

PAIRING AND CONNECT

When pairing, the user only needs to press and hold the PAIR button on the panel for about 3 seconds. The LED red and blue indicators on the panel will start to flash alternately, indicating that the DW-BT is now visible to other Bluetooth devices and accepts pairing. Then you can turn on other Bluetooth devices to search for devices and pair them. When only the blue LED indicator flashes on the panel, it means that the paired connection is successful.

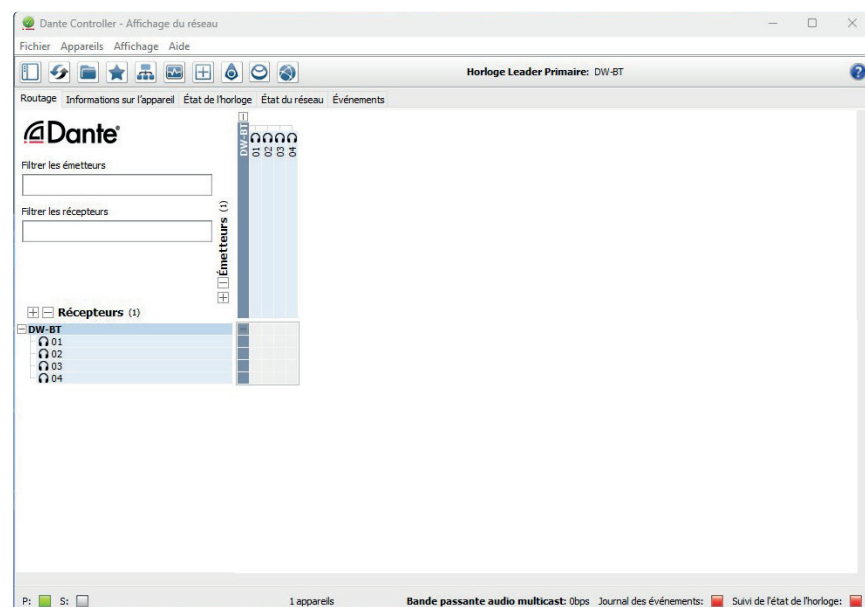
Note : The DW-BT maintains the last 10 paired devices. Any previously paired devices on this list will be allowed to reconnect within the device range without re-requesting pairing. The user only needs to select the corresponding Bluetooth name on the device.

ROUTING CONFIGURATION

Audio routing configuration can use Dante Controller control software or other compatible controllers to modify the input configuration.

- Audio channels 1 and 2 route stereo Bluetooth audio directly to the Dante network.
- Channels 3 and 4 can route the analog signal RCA input or 3.5 mm TRS input to the Dante network.
- The digital signal input of Dante equipment can be converted to analog signal through Dante and output via 3.5mm TRS interface.

Download and install the Dante Controller from Audinate website (www.audinate.com).



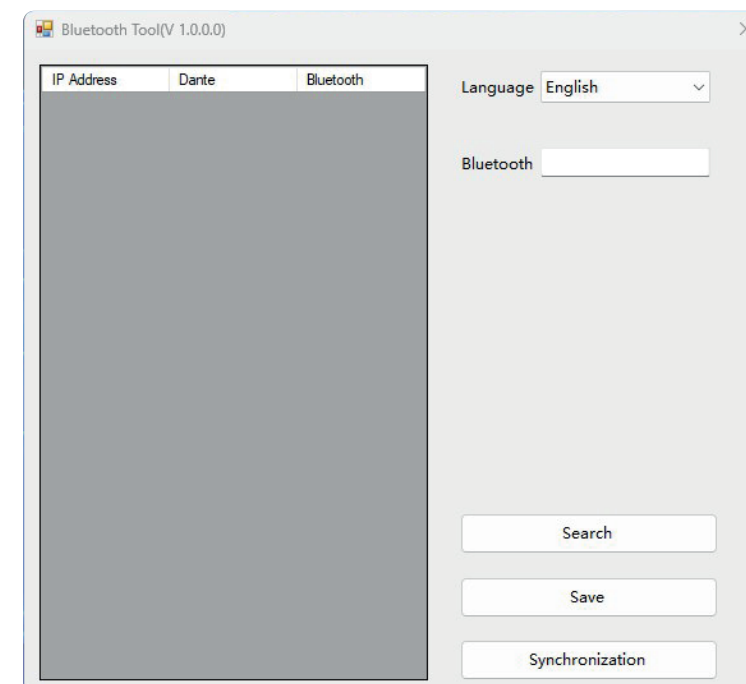
BLUETOOTH NAME MODIFICATION

Language setting : english, simplified chinese, traditional chinese

Bluetooth name : customer customized Bluetooth name

Search : display the IP address, Dante name, Bluetooth name of online devices

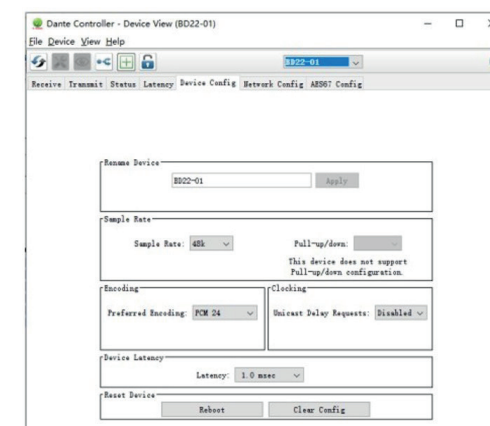
Name synchronization : Bluetooth name is consistent with Dante name



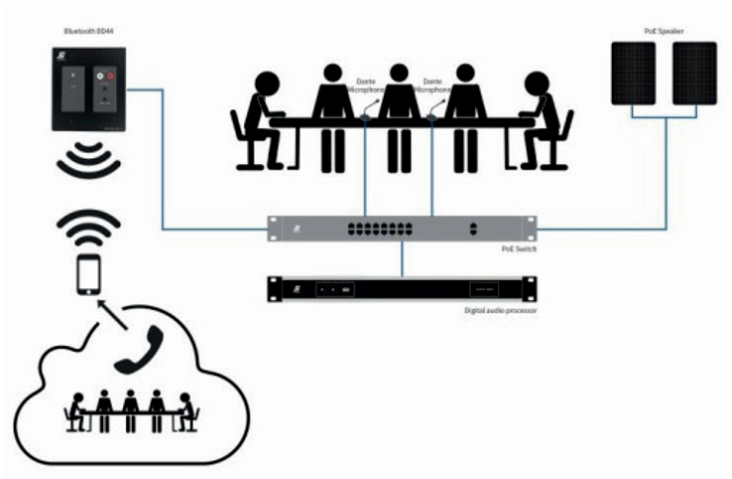
1 - Click **Search**, the online device will be displayed in the list box, click to select the device

2 - Modify the Bluetooth name and click save

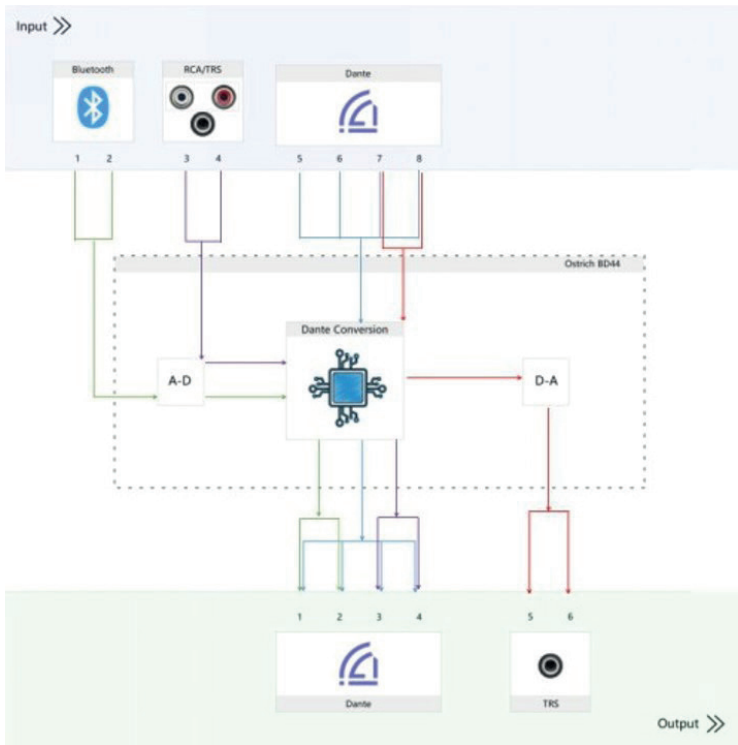
3 - The Bluetooth name can be modified using Dante Controller software to modify the Dante chip name and the Bluetooth name simultaneously



NETWORKING FIGURE



SIGNAL FLOW GRAPH



NOTES

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