Bluetooth Dante BD44

User Manual

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Directory:

Product Introduction

Ostrich BD44 is a signal conversion transmission panel that supports Dante audio interface (4x4) and Bluetooth audio interface (2X2), analog audio interface (RCA or TRS).

It uses PoE power supply and wall mounting. The audio transmission and the power supply of the device are solved by a network cable, and the Bluetooth wireless audio interface and the analog audio interface are supported. The main application scenarios are telephone conferences, audio remote transmission and other application scenarios.

Product Feature

1. Simple pairing, display the Bluetooth connection status through the LED indicator
2. Good compatibility, it can be compatible with most mobile phones, tablets, computers and other devices
3. RCA*2 and 3.5mm TRS*1 stereo input, choose one of two, TRS has priority
4. 3.5mm TRS*1 stereo output
5. BT 5.0 Bluetooth
6. DATNE 4X4
7. Integration of power supply and transmission, and PoE power supply and audio transmission through network cable
8. Bluetooth call bridge function for conference purpose

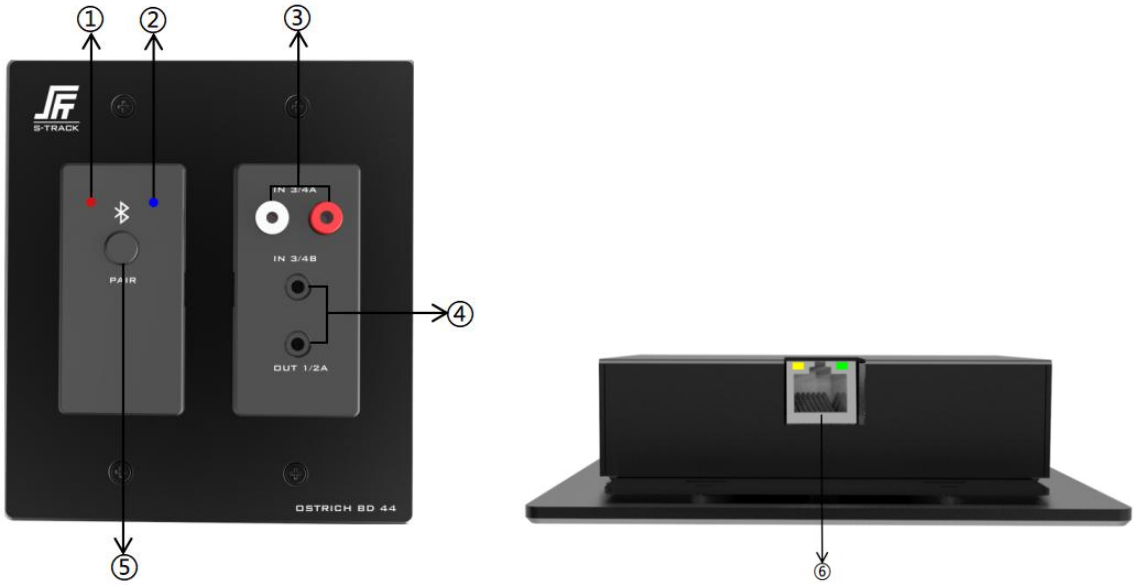
Product Specification

Model No.	Ostrich BD44
Input Interface	Dante X 4 Bluetooth 5.0, stereo RCA X2 3.5 mm TRS X1
Output interface	Dante X4 Bluetooth 5.0, stereo 3.5 mm TRS X 1
Frequency response	20Hz-20kHz
S/N	>100dB
Floor noise	-90dB
Power consumption	2W
THD (total harmonic distortion)	<0.005%
Operating temperature	-10℃ ~ +40℃
Operating humidity	5~95%
Size(LxWxH)	123.5mm×109.1mm×30mm
Weight	310g

Packing List

Device	Quick Guide	QC card
1 Set	1Pcs	1Pcs

Interface Description



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. User Guide

5.1: Power On:

After starting BD44, 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.

5.2: Pairing and Connect:

When pairing, the user only needs to press and hold the PAIR button on the panel for about 3S.

The LED red and blue indicators on the panel will start to flash alternately, indicating that the BD44 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.

(**Notes:**When the BD44 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 smart device)

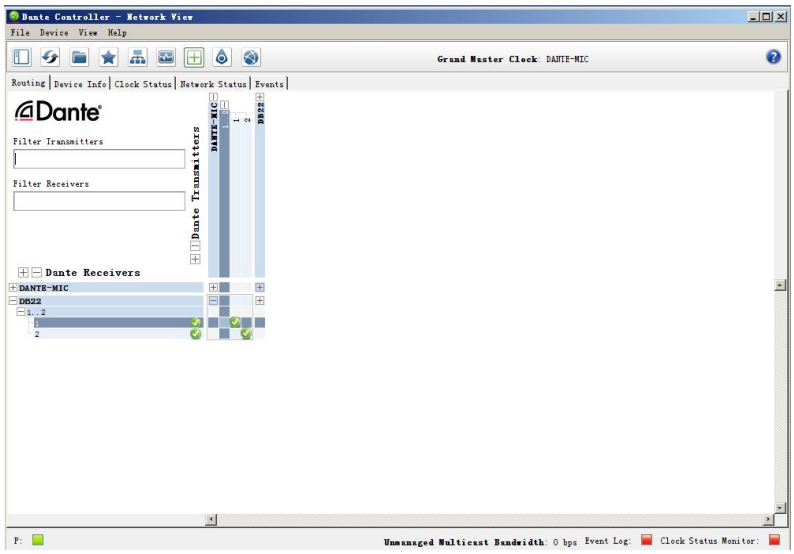
5.3: Routing configuration:

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

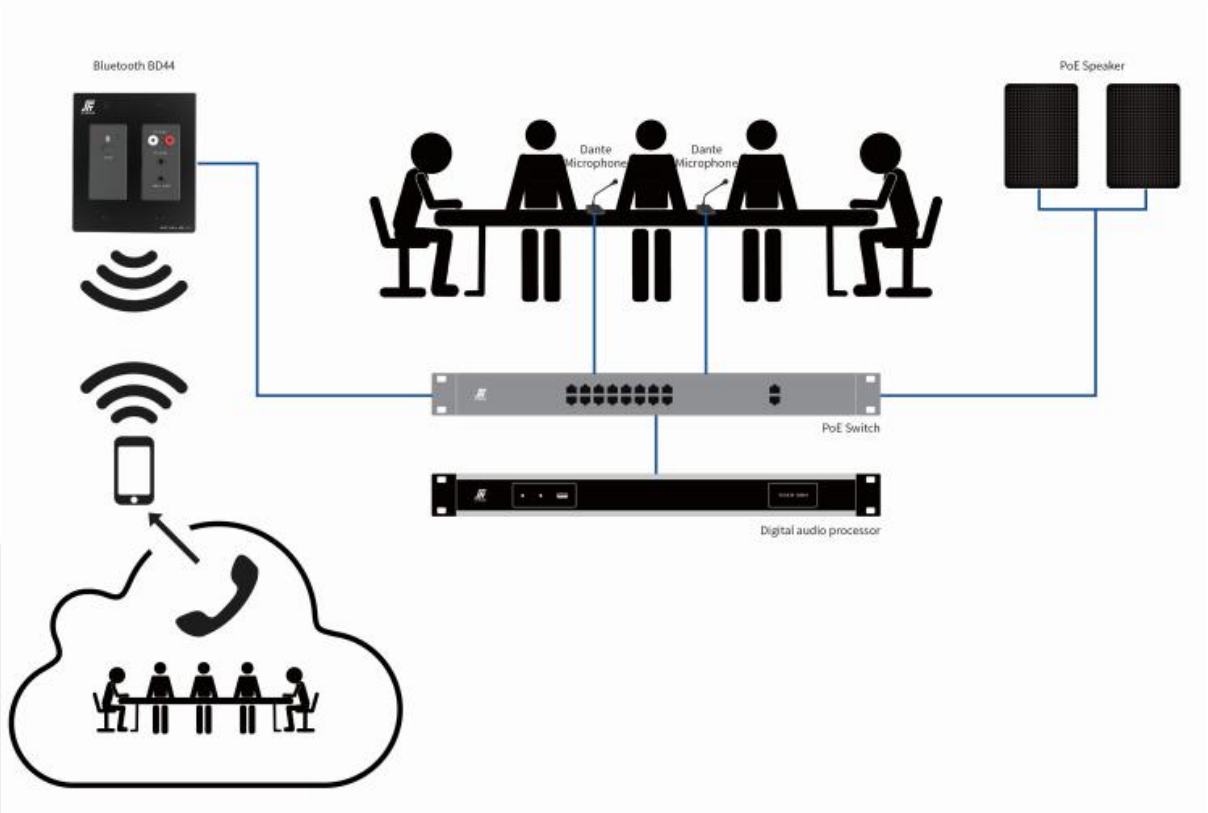
Audio channels 1 and 2 route stereo Bluetooth audio directly to the Dante network.

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.



5.4: Networking Figure:



5.5: Signal Flow Graph.: