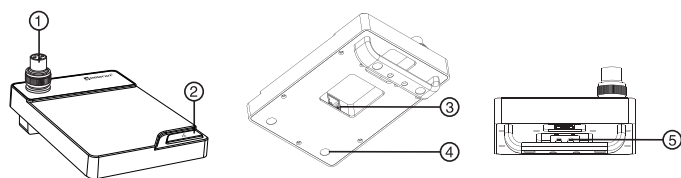
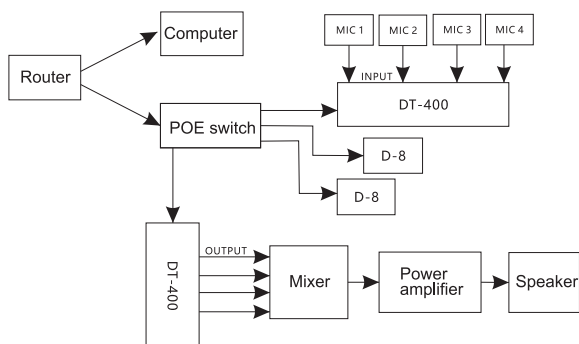


## 一、Name and function of each part



- ① Screw XLR socket, providing 48V phantom power supply, used to connect gooseneck microphone, as the input audio signal, with thread fixing, connect the microphone and tighten the thread. The screw thread is fixed more firmly, which can effectively prevent the noise caused by the loose connection of the microphone base during use.
- ② Tact switch, with LED light displayed in orange / blue.
- ③ RJ45 network cable interface, connect to POE switch, provide POE power supply for the base, and serve as Dante data connection port.
- ④ Shockproof insulating glue to reduce impact vibration on the desktop.
- ⑤ Network cable groove, used to fix the network cable, loosen the screw at the bottom of the groove, then put the network cable in the groove, and then tighten the screw.

## 二、Dante conference system connection diagram

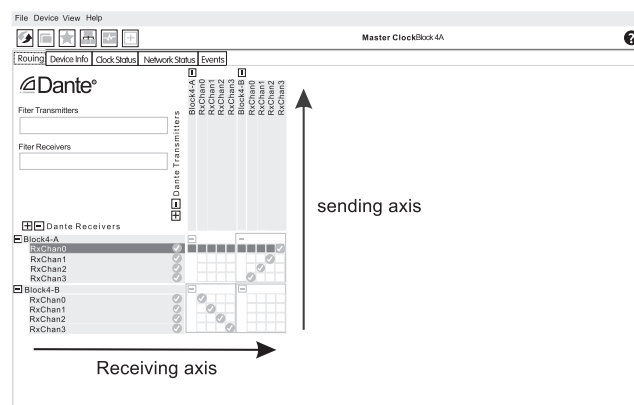


Connect a series of devices according to the picture, the LED indicator of TDN1-F will flash when power is on, indicating that the system is connecting. Block 4 is a 4 input, 4 output Dante interface. After the system is connected successfully, TDN1-F is connected to Dante software and Relacart conference microphone management and control software RDM1.0 at the same time. The intuitive display of Dante software matrix diagram, with Relacart Dante conference microphone management and control software RDM1.0, can set the input gain of TDN1-F base directly, low-frequency cutting mode, phantom power supply and other functions, provides users with a clear and simple operation.

## 三、Specifications

|   |
|---|
| Frequency Response: 20—20.000Hz                                   |
| Low Frequency resection: 150Hz, 18dB/octave                       |
| Gain Adjustment: six level of adjustable gain                     |
| Input Impedance: 2.2KΩ  |
| Maximum Sound Input Level: 0dBu@+20dB Gain                        |
| Signal-to-Noise Ratio: 65dB, 1kHz at 1 Pa                         |
| Power supply: POE IEEE 802.3 af standard                          |
| Power consumption: 2.3W   |
| Standard microphone power supply: 48V phantom power               |
| Weight: 720g  |
| Output interface: standard Ethernet interface                     |
| DANTE network: RJ45 connector, CAT5 or CAT6 network above 100Mbps |

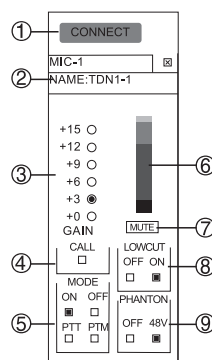
## 四、Dante software diagramed



Please note:

Dante cannot operate in a WiFi wireless connection environment. We rely on a reliable and secure wired network environment to transmit perfect audio.

## 五、RDM1.0 software diagramed



- ① CONNECT: indicates that the microphone is connected to the system software successfully.
- ② NAME: the name of the microphone.
- ③ GAIN: gain adjustment, there are 6 levels of gain adjustable.
- ④ CALL: Press button, the indicator light of the corresponding microphone will flash, and accurately match each microphone.
- ⑤ MODE: Work mode selection, there are 4 modes in total:  
Mode 1 ON: The initial state after power on is to speak, the LED light turns blue, press the switch is muted, and the LED light turns orange. (Press the switch again to switch)

Mode 2 OFF: The initial state after power on is muted, the LED lights orange, press the switch is to speak, and the LED lights blue. (Press the switch again to switch)

Mode 3 PTT: The initial state after power on is muted, the LED lights orange, long press the switch to speak, and the LED lights blue.

Mode 4 PTM: The initial state after power on is speak, the LED light will turn on in blue, long press the switch to mute, and the LED will turn on in orange.

- ⑥ Level signal display: it can display the value of the level signal intuitively.
- ⑦ MUTE: mute switch.
- ⑧ LOWCUT: Low-cut switch, 15Hz, 18dB/octave.
- ⑨ PHANTON: 48V phantom power switch.