

# iTrans DX-TR-22

## QUICK GUIDE

Thanks for choosing INFOBIT iTrans DX-TR-22, this guide will take you to know how to use this product! This product provides analog input/output conversion with the Dante channel and requires a PoE network power supply.

### 1. INTRODUCTION

This product supports two sets of balanced I/O analog signal access to the Dante system through a local network. With combo XLR input interfaces. Provides the function of the phantom power and the input signal gain adjustment.

The output interface is a standard three-pin XLR socket, with analog signal output balance. The four output versions can be selected. Please use CAT5 or above to connect the PoE switch.

### 2. FUNCTION

- For analog signal and Dante signal conversion.
- Support 2 channel analog inputs, 2 channel analog outputs.
- Support 2 channel Dante inputs, 2 channel Dante outputs.
- The input channel has a phantom power switch and a gain manual adjustment knob.
- PoE power supply, 802.3af, 802.3at standard PoE switch.

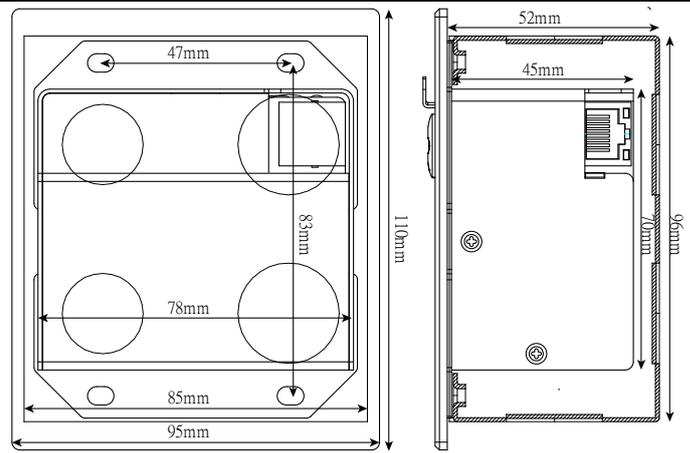
### 3. INSTALLATION

Suggestion: We recommend that you use the standard type 120 wall box we provide for your installation.

3.1 Insert the wall box into the wall, then use the screwdriver to remove the two screws in the middle of the panel and take the down panel.

3.2 Connect the cable, insert the mainframe into the wall box, and tighten the screw.

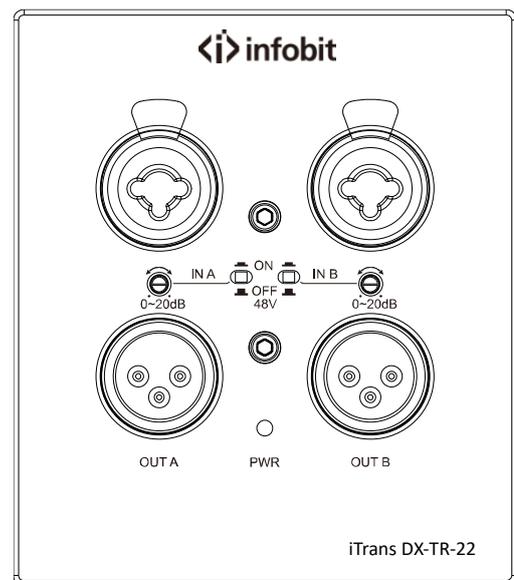
3.3 Cover panel, tighten the screws.



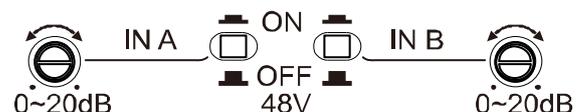
Behind

Side

- 3.4 PWR indicator indicates the state of the power supply.
- 3.5 Download Dante Controller routing control software for routing configuration. Other management software that supports Dante matrix mixing can also be configured.
- 3.6 The front face of the panel is shown below.



The phantom switch uses a hidden self-locking button switch. When the switch is pressed, the button lights up, and the Phantom power is turned on. Otherwise, the light goes out, and the Phantom power is closed.



The gain adjustment knob is hidden in the adjustment hole, and the input gain value of the corresponding channel is adjusted by the attached screwdriver. The gain

range: 0~20dB.

#### 4. PARAMETER

Analog maximum gain	20dB
Frequency response	±0.2dB (20~20kHz)
Maximum input level	18dBu
Maximum output level	18dBu
THD+N	< 0.001% @ 4dBu
Floor noise	-97dBu
Input impedance	20 kΩ
Output impedance	100Ω
Channel isolation	100dB @ 1kHz
Power Supply	PoE

#### 5. Q & A

##### **Power indicators light out.**

A: Check whether the POE switch is connected to the device.

B: Check whether the network connection line is normal;

The way to check is to use this network cable to connect PC to the switch, whether Link light and data light flicker.

C: Equipment damage, contact INFOBIT to get technical support.

##### **No signal after the microphone is connected.**

A: Set the input route through the Dante Controller software.

B: Check the type of the microphone, if it is a capacitive microphone, please open the illusion power switch.

C: Improve the gain of the preamplifier circuit.

##### **No XLR output signal?**

A: Check if the audio route has been sent to the corresponding channel through the Dante Controller software.

B: Check the normal work of the power amplifier and the horn.

#### 6. ATTENTION

To ensure the use of safety, please follow the following items in installation, use and maintenance.

1. To avoid the danger of electric shock, do not open the shell. There are no parts that can be repaired inside the machine. Do not dismantle the equipment without permission. This may aggravate the damage of the equipment. When required for maintenance, please contact the designated professional maintenance staff.

2. This machine shall not be exposed to the water environment. Please do not put such a vase as the vase on the equipment.

3. Do not spill any corrosive chemicals or liquids on or near the equipment.

#### 7. Packing list

Equipment	Screw	Screwdriver	Quick guide
1	4	1	1

#### 8. WARRANTY

Warranty regulations:

The warranty period for this product is 2 years.

The product performance failure caused by non-human damage during the warranty period can be repaired free of charge.

The following cases (including but not limited to) are not within the scope of service:

1. Missing valid invoices or dates have exceeded the service expiration date.
2. Failure to use, maintain and manage in accordance with the requirements of the product specification.
3. Damage caused by force majeure, such as fire, flood, lightning and so on.
4. Damage caused by unauthorized repair of unauthorized service.

INFOBIT AV

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