Relacart®

— Real Sound Always

CONFER X
@Dante
Digital Automatic Mixer

Simple operation manual

Before using the product, please read the simple operation manual and keep it in good condition.

www.relacart.com

Packing List

CONFER X
◆ Mixer * 1
◆ Phoenix plug * 2
◆ Power cable * 1
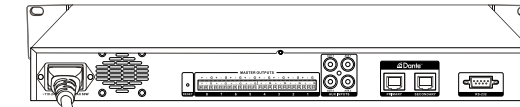◆ 2.5mm slotted screwdriver * 1
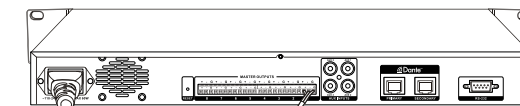◆ Simple operation manual * 1
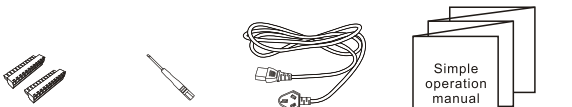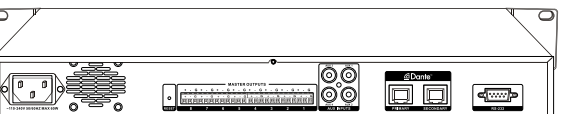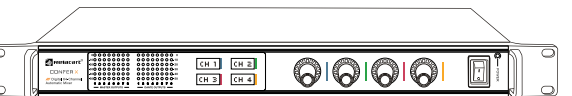
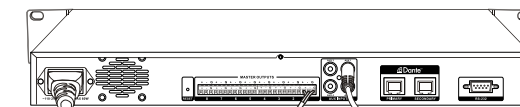Phoenix plug   screwdriver   Power cable   Simple operation manual
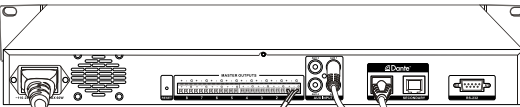

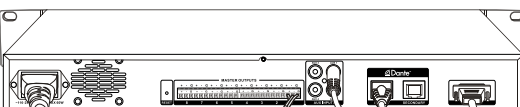## Mixer equipment installation
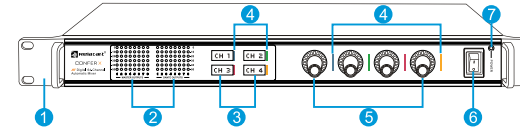
Power cable

Audio output cable

RCA audio input cable

Network cable

RS-232 cable

Front panel introduction

❶ Rack mount kit: fixed installation;
❷ Main output, Dante output audio indicator: real-time display output level value;
❸ Display screen: display the name of the channel, and display the level value of the channel when adjusting the encoder;
❹ Color bars: the corresponding colors of the display and the encoder are associated channels;
❺ Encoder: adjust the level of the preset channel;
❻ Power switch: Turns the device on and off;
❼ Power switch indicator: the indicator lights after power on;

Indicator lights	Audio signal level	Introduction
red	(6) 0 dBFS	The peak of overload
yellow	(5) -10 dBFS	Close to overload
green	(4) -20 dBFS	normal signal
	(3) -30 dBFS	
	(2) -40 dBFS	
	(1) -50 dBFS	

(output audio signal level)

Rear panel of the mixer introduction
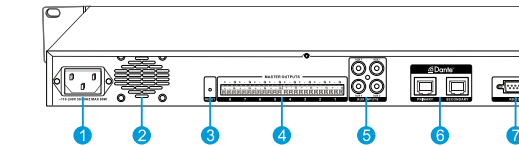
❶ AC power input: IEC connector, 110-240 volts AC;
❷ Cooling fan: It can dissipate heat for internal devices, making the whole machine more stable.
❸ RESET (IP reset button): Press and hold for 5 seconds to restore the mixer to automatically obtain IP settings;
❹ Main analog audio output: 3P quick connector balanced output, can be set to microphone or line level output, 8 optional;
❺ RCA audio line input: can input line signal, such as: DVD, CD and other audio;
❻ Ethernet / Dante network interface: Connects to Ethernet to enable remote device control via CONFER X software. In addition, Dante digital audio signals and control signals can also be transmitted for audio distribution, monitoring and recording-see the "Dante Network" topic;
❼ Serial interface (RS-232): can be connected to video tracking or DMC-500 (digital automatic mixer controller);
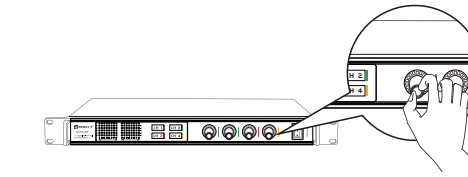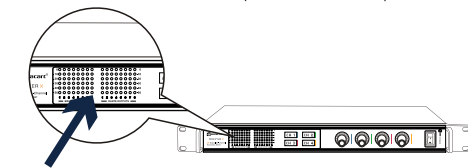

Simple user steps

1. Turn on the power switch and the POWER indicator lights up, then power on is successful. (As shown below)
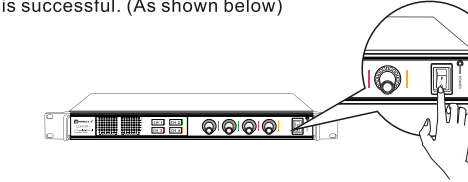
2. Debug the volume of the output channel.   (As shown below)

When audio is output, the corresponding channel indicator will show the output level value of the current channel. (As shown below)

Software introduction

❶ CONFER X 1-64 input channel display: Click channels 1-8, the main screen area displays 1-8 input channels, click channel 9-16, the main screen area switches to 9-16 input channels, and so on;

❷ Parameter display: Enter the currently setting parameters manually.

❸ Output channels: display 8 main output channels and 8 Dante channels;

❹ WI-FI connection display: The WI-FI icon lights up after the software and device are successfully connected, and the WI-FI icon dims after offline;
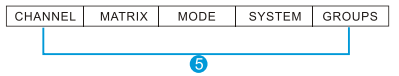
❺ Navigation bar: Channel: display input and output channels;
        Matrix: Input channels can be selected from any channel output without affecting each other.
        Mode: Set the mixing parameters;
        System: device communication, scene saving, firmware upgrade, factory reset, etc.;
        Group: mute group and control group settings.
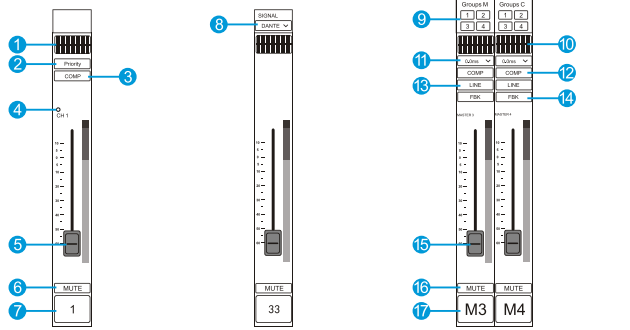
Input channels 1-32   Input channels 33-64   Output channels

❶ EQ: adjust and compensate the defects of speakers and speakers, compensate and modify various input sound sources;

❷ Priority: not limited by the number of microphones, long-term open;

❸ Compressor: An amplifier whose gain decreases as the input signal level increases;

❹ Channel switch status indicators: Channel indicator light shows green when it is open, channel indicator light shows gray when it is close.

❺ Volume adjustment fader: adjust channel output level

❻ Mute: turn off the volume output of the channel;

❼ Channel name: editable input channel name;

❽ Signal source: input channel 33-64 default DANTE input, AUX1, 2, 3, 4 analog input can be selected, cannot be selected repeatedly;

❾ Group switch: turn on or off the preset coding function;

❿ EQ: adjust and compensate the defects of speakers and speakers, compensate and modify various output sound sources;

⓫ Delay: Set according to the distance of the sound reinforcement equipment;

⓬ Compressor: Amplifier whose gain decreases as the output signal level increases;

⓭ Attenuation switch: LINE switches to MIC output attenuation switch;

⓮ FBK: can automatically and effectively prevent howling;

⓯ Volume adjustment fader: adjust the channel output level;

⓰ Mute: Turn off the volume output of the channel;

⓱ Channel name: Editable output channel name.


Software download

Apple IPAD download: Open APP STORE, search for CONFER X to download and install.

Computer version software download: go to the official website www.relacart.com and search CONFER X in the download area Software can be downloaded and installed.


Software connection steps

1. Connect the WI-FI of the IPAD to the wireless WI-FI router used by the user (CONFER X must also be connected to This router).

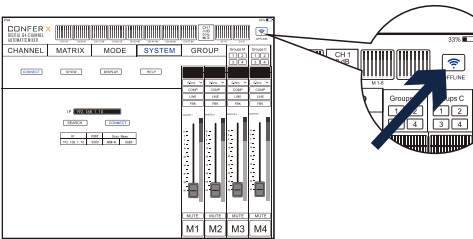2. Open the CONFER X software and select the SYSTEM page in the navigation bar.
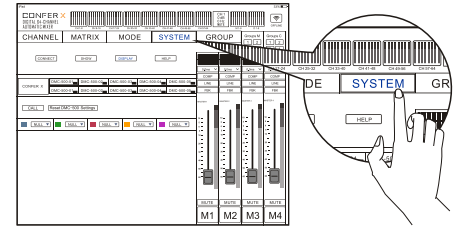
3. Press CONNECT to set the IP address (as shown below):
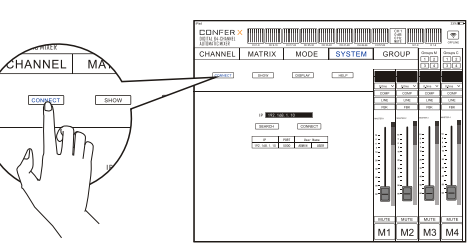
Press SEARCH After searching the device IP address, click the IP address and press CONNECT (as shown below):
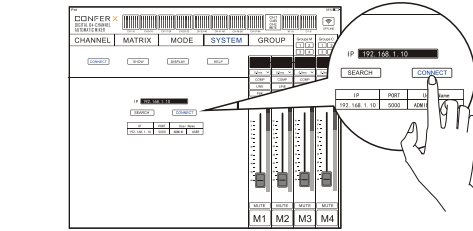
If the WI-FI icon is on, the connection is successful. (As shown below):

Conference equipment architecture scheme

Audio cable
Network cable

CONFER X
Power amplifier

CD
VTS2000
Camera

IPAD
Optional networking method 1

Computer
Optional networking method 2

POE switch
Router

DANTE sound reinforcement equipment

BLOCK 4

Up to 32 DANTE microphones

TDN1 digital conference microphone   Analog microphone