Relacart®
— Real Sound Always

DAM-128D
Intelligent Digital Mixer

Easy Operation Manual

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

www.relacart.com

Packing List

◆ Mixer *1
◆ Phoenix plug *1 set
◆ Power cable *1
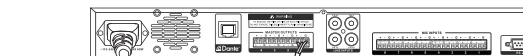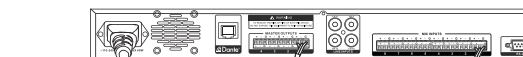◆ Easy operation manual *1 copy
◆ 2.5mm screwdriver *1

Instruction
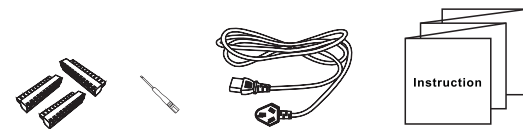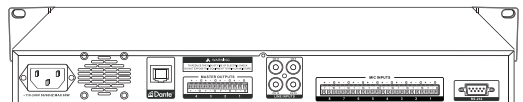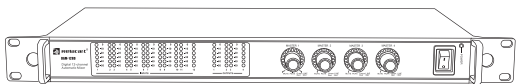
Device Installation

Power cable

Audio output line

Audio input line

Cable

Device Installation

Note: Phoenix output plugs and input plugs are reversed (see figure:)

（Audio input jack connector down）

i

⚠ WARNING

（Audio output jack interface up）

ii

MASTER OUTPUTS

（Socket wiring diagram）

User easy to use steps

Turn the switch up, the POWER indicator lights up, and the power is turned on successfully.

Debug the output channel volume. When the volume is adjusted, the knob indicator changes with the knob twisting.

When the input microphone speaks, the corresponding input indicator jumps.


Adjust the volume of output channel, when input microphone speech the output level value of the indicator shows the current channel's output.
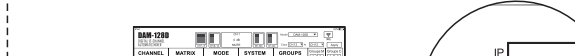

Software connection step

1. Connect the WIFI of the IPAD to the wireless WIFI router (DAM-128D should also be connected to the router)
2. Open the DAM-128D software and select the "System" page in the navigation bar, as shown in the figure:
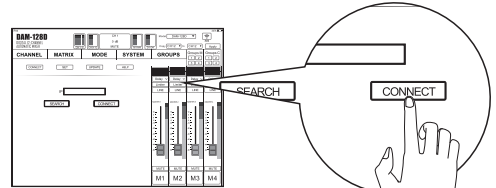

MODE   SYSTEM   G
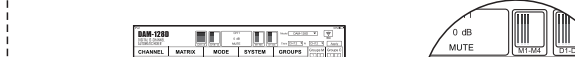
Press "SEARCH" box to search the IP address, as shown in figure.
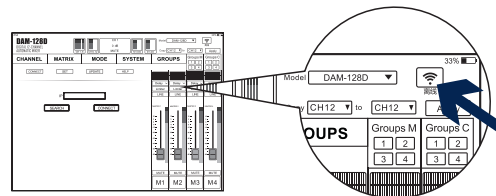
SEARCH

After searching for the IP address, click the IP address and press "CONNECT".

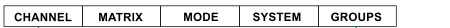The WiFi icon " 🛜 " lights up and the connection is successful.

Software Download

◆ Apple IPAD download: open APP STORE, search DAM128D.
◆ PC version software download: enter the official website www.relacart.com in the download area to search DAM-128D software.

Software function introduction


| CHANNEL | MATRIX | MODE | SYSTEM | GROUPS |

❶ Navigation bar: Channel: Show all channels.
Matrix: Multiple signals input and output exchange, the output of any one signal can be freely selected.
Mode: Set the mix parameters.
System: set the device communication, scene saving, firmware upgrade, factory reset, etc.
Group: Mute group and control group settings.

input field: output field:

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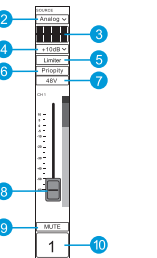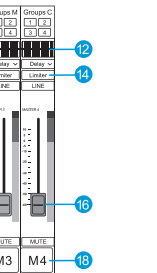
❷ Analog: Analog or Dante selector switch.
❸ Input EQ: Adjust the compensation of the speaker and sound field defects, compensate and modify various sound sources.
❹ Input Gain: Adjust Channel Input Gain.
❺ Input Compressor: Amplifier with reduced gain as the input signal level increases.
❻ Priority: not limited by the number of microphones, long-term open.
❼ 48V: 48V phantom power switch.
❽ Input volume adjustment fader: Adjust channel output level.
❾ Input mute: mute switch.
❿ Enter channel name: Editable channel name.
⓫ Group display: Click "Groups M" to display the mute group, click "Groups C" to display the control group.
⓬ Output EQ: Adjust the compensation of the speaker and sound field defects, compensate and modify various sound sources.
⓭ Delay: According to the sound equipment distance setting.
⓮ Output Compressor: Amplifier with reduced gain as the output signal level increases.
⓯ LINE: Line and MIC output selector switch.
⓰ Output volume adjustment fader: Adjust channel output level.
⓱ Output mute: mute switch.
⓲ Output Channel Name: Editable Channel Name.
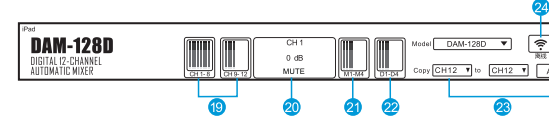
⓳ 12 channel display: Click CH 1-8 to display 8 channels of audio input channel, click CH9-12 to display 4 channel lotus input channel.
⓴ Parameter display: Adjust the parameters displayed on each channel.
㉑ 4-channel channel display: Display 4 main output channels.
㉒ 4-channel channel display: Display 4 DANTE channels.
㉓ Copy parameter channel selection: Copy the required channel parameters to another channel, and then press APPLY application operation.
㉔ WI-FI connection display: After the software and device are successfully connected, the WI-FI icon lights up, and the WI-FI icon is dark after offline.


Equipment front panel function introduction
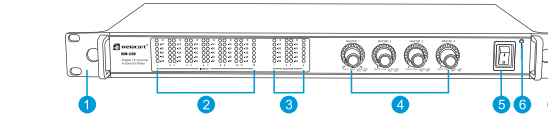
❶ Rack mount kit: fixed installation.
❷ Input audio indicator: display input level value in real time.
❸ Output audio indicator: display output level value in real time.
❹ Output encoder: adjusts the level and function of the analog output channel.
❺ Power switch: turn on or off the power of the device.
❻ Power switch indicator: after power on, the indicator light will be on.

indicator light	Audio signal level	state
red	(6) 0dBFS	Overload/limiter
yellow	(5) -10dBFS	A normal peak
green	(4) -20dBFS	Preset signal
	(3) -30dBFS	
	(2) -40dBFS	
	(1) -50dBFS	

Equipment rear panel function introduction
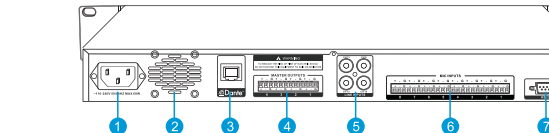
❶ AC power input: IEC connector,100-240 volts AC.
❷ Cooling fan: It can dissipate heat for internal components, making the whole machine work more stable.
❸ Ethernet/Dante network port: Connect to Ethernet to enable remote device control via DAM-128D software. It also transmits Dante digital audio and control signals for audio distribution, monitoring and recording - see the "Dante Network" topic.
❹ Main analog audio output: 3P fast connector balanced output, can be set to microphone or line level output, 4 channels optional.
❺ RCA audio line input: can input line signals, such as: DVD, CD and other audio.
❻ Channel 1-8 audio input: 3P quick connector balanced input, with 48V phantom power, can be set to microphone or line input.
❼ Cascade connection port (RS-232): can be connected to video tracking or central control equipment.

DAM-128D conference equipment ar chiture plan

—— Audio cable
- - - network cable

8 analog input microphones

DAM-128D

IPAD
Optional networking method 1

computer
Optional networking method 2

router

POE switch

CD

Sound reinforcement system

Dante sound reinforcement equipment

BLOCK4

TDN1 digital conference microphone

Analog input microphone