

TP1 PLUS - CONTROL PANEL



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CHAPTER 1 INTRODUCTION

1.1 Introduction

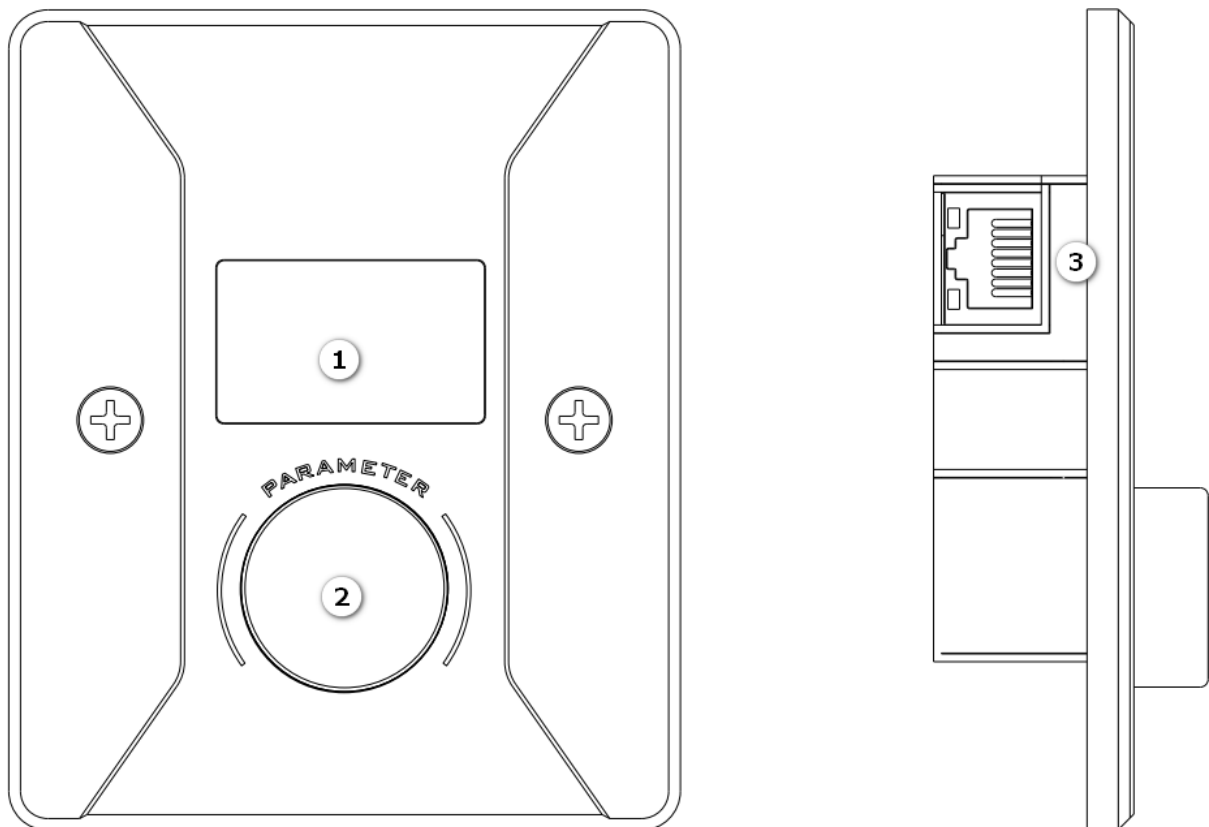
The control panel can remotely control the processor, conveniently adjusting the processor volume or switching the application scene and other functions to meet the unique needs of specific applications, the user can be customized according to the actual use of the environment for programming, through the configuration will be able to achieve the purpose of the panel to control the processor. Powered by POE switch, no need for customized cables and local power supply.

CHAPTER 2 SPECIFICATION

Power supply	PoE (IEEE 802.3af)
Control Protocol	UDP
Control cable	RJ-45 (CAT-5/6/7)
Control Cable Length	≤100m
Display Size	1.3"
Control Knob	1
Material	Aluminum alloy sandblasting
Color	Black
Working Temperature	-10°C-40°C
Size	86*26*105mm

CHAPTER 3 INTERFACE DESCRIPTION

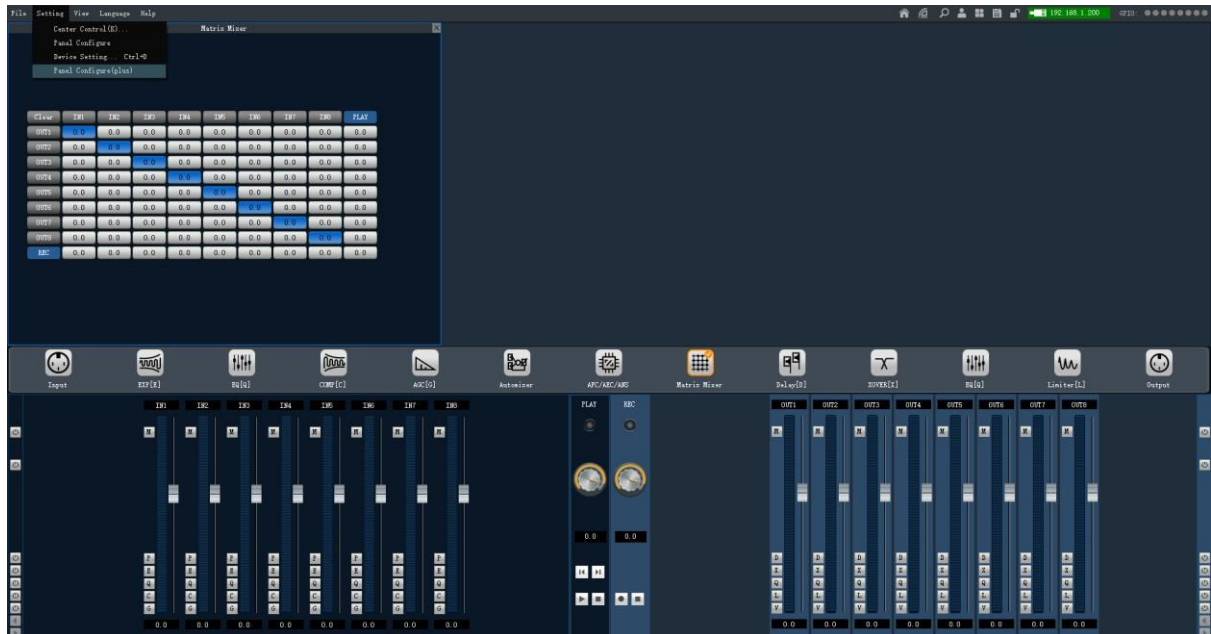
3.1 Interface knob description



- Display: Display the version number, IP address and control interface, if not triggered for a long time, the display will automatically enter the sleep state;
- Control knob: Function selection and parameter control knob
- Rotate left and right: Function selection and parameter adjustment;
- Click: Enter editing mode;
- Rotate left and right on the basis of b): Parameter adjustment;
- Click on the basis of (b)/(c): Send commands and exit the editing mode.
- Network interface: POE power supply and network communication.

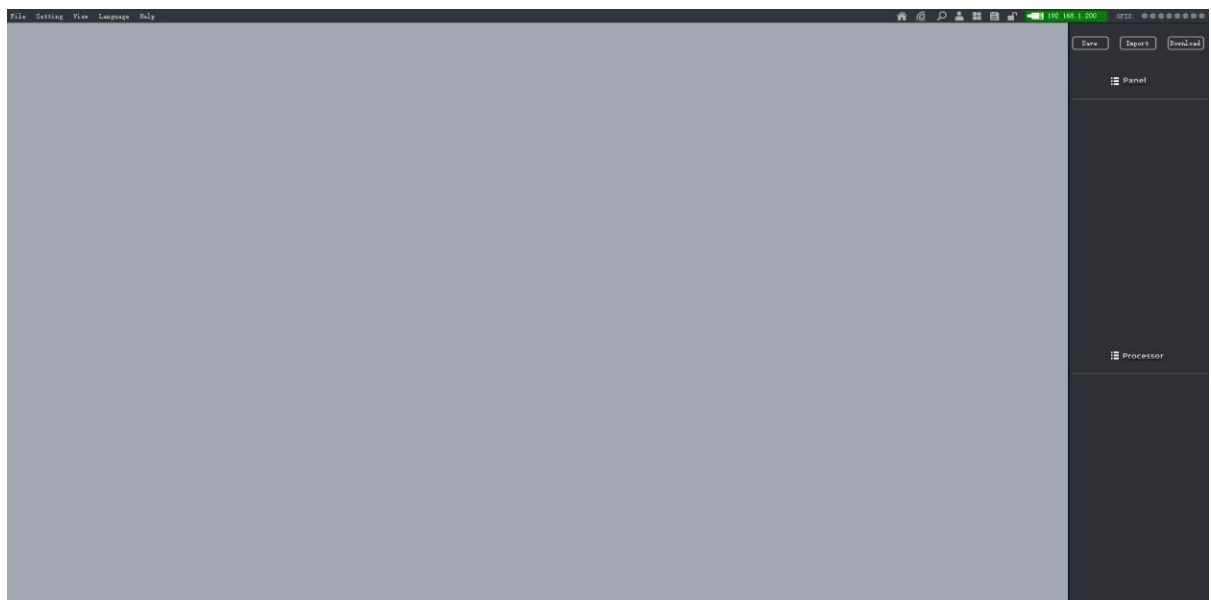
CHAPTER 4 INSTRUCTION FOR THIS

4.1 Main Interface of the software

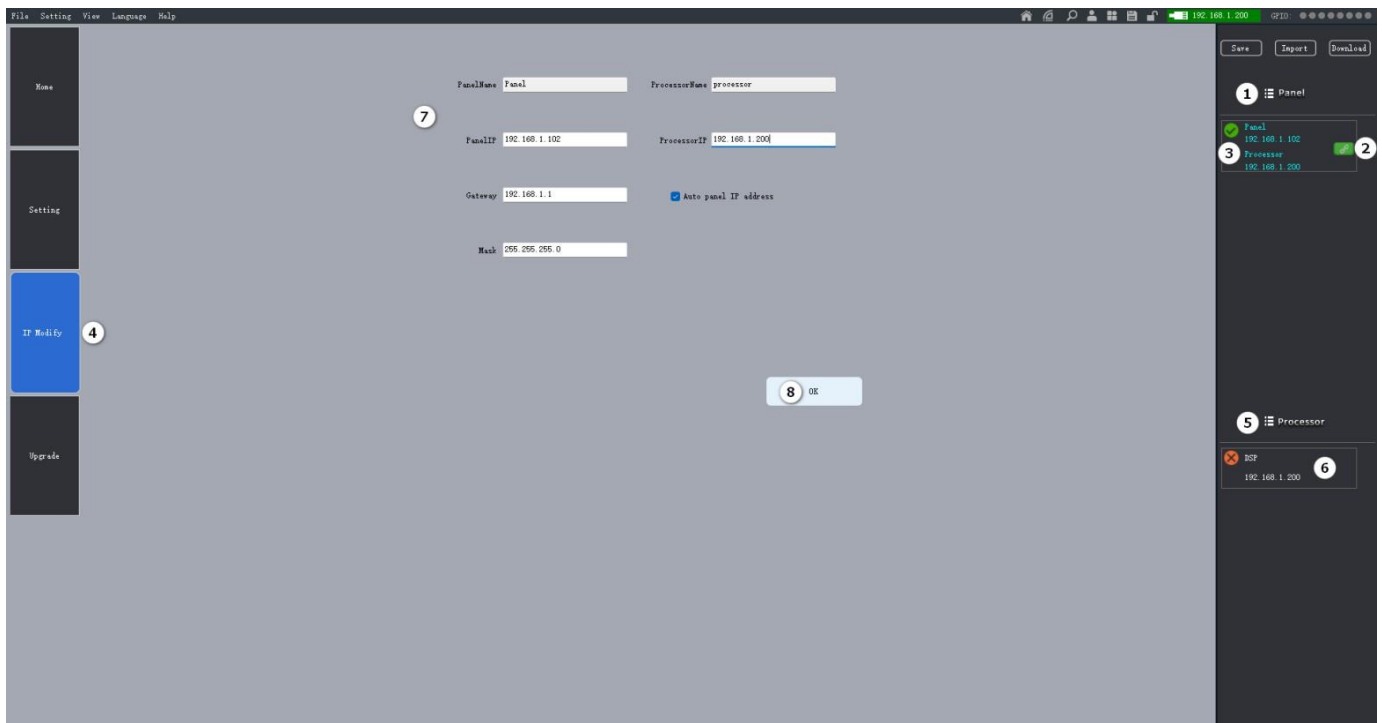


Steps to enter the main panel configuration screen:

Settings->Panel Configure(plus)->Panel setting interface



4.2 Ip Modify



- Panel: Search for online panel devices
- : Connected state : Unconnected state
- Panel basic information: Display the name and IP address of the panel and the processor being controlled.
- IP Modify: Double-click the position in Number ③ to get the basic information of the panel.
- Processor: Search for online processor devices.
- Processor List: Displays online processor IP addresses.
- Panel IP information: Modify panel IP, gateway, sub-net mask, processor IP (select from Number ⑥) and whether to get panel IP automatically (default is to get panel IP automatically)
- Confirmation button: Save the modified parameters and disconnect.

Note: Panel IP such as canceling the automatic acquisition must ensure that the modified panel IP address does not conflict with others, otherwise it can not be searched for connections, such as conflict, then disconnect from the external network, to ensure that the conflict in the LAN search panel, set the panel IP to 0.0.0.0, click OK, then the panel is restored to the factory settings.

4.3 HOME PAGE INFORMATION

The screenshot shows a web interface for managing menu information. On the left is a sidebar with four buttons: 'Home' (highlighted in blue), 'Setting', 'IP Modify', and 'Upgrade'. The 'Home' button is labeled with a circled '1'. The main content area features a table with the following data:

Serial	Menu name	Operation1	Operation2
1	Input-1 Mute	2 Edit	3 Delete
2	Output-1 Mute	Edit	Delete
3	Input-1 Gain	Edit	Delete
4	Output-1 Gain	Edit	Delete

Below the table, the IP address '192. 168. 1. 102' is displayed. At the bottom right, there is a 'Save' button labeled with a circled '4'.

- Home: Double-click the basic information of the panel to get the menu information of the panel
- Edit Button: Modify the menu information.
- Delete Button: Delete the menu.
- Save Button: Save the menu information and disconnect, up to 99 items can be saved.

4.4 Setting Information

☒ Mute☐ Gain☐ Scene☐ Mixer☐ Command

☒ Input☐ Output

Parameter

Menu name

Mute button

Unmute button

OK

Setting: Add Mute, Gain, Scene, Mixer, Command
configuration information

4.4.1 Mute

Home

Setting

IF Modify

Upgrade

☒ Mate

☐ Gain

☐ Scene

☐ Mixer

☐ Command

☒ Input

☐ Output

Parameter

Menu name

Mute button

Unmute button

OK

Users can select input or output parameters, display the corresponding menu name, and also customize the mute and unmute identifiers with different characters to achieve control of the processor mute state.

4.4.2 Gain

☐ Mute☒ Gain☐ Scene☐ Mixer☐ Command

☒ Input☐ Output

Parameter

Menu name

Max

dB

Min

dB

Step

dB

OK

4.4.3 Scene

☐ Mute
 ☐ Gain
 ☒ Scene
 ☐ Mixer
 ☐ Command

Menu name

Return button

Scene ☐ Scene1 ☐ Scene2 ☐ Scene3 ☐ Scene4

☐ Scene5 ☐ Scene6 ☐ Scene7 ☐ Scene8

OK

Users can select input or output parameters, display the corresponding menu name, and also set the maximum value, minimum value and step size of the processor gain (the maximum value is 12, the minimum value is -72, and the step size is ≥ 0.1) to achieve the control of the processor gain value.

Users can customize the menu name and back button with different characters, and can also check the scenes that the processor can load to achieve control of the processor to switch scenes.

4.4.4 Mixer

☐ Mute

☐ Gain

☐ Scene

☒ Mixer

☐ Command

Menu name

Return button

Output

Input

☐ 1

☐ 2

☐ 3

☐ 4

☐ 5

☐ 6

☐ 7

☐ 8

☐ 9

☐ 10

☐ 11

☐ 12

☐ 13

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☐ 31

☐ 32

OK

Users can customize the menu name and return button with different characters, and also select the processor output parameters as well as check the input parameters to control the processor input and output channels.

4.4.5 Command

☐ Mute

☐ Gain

☐ Scene

☐ Mixer

☒ Command

Menu name

protocol

UDP

Type

Command code

IP Address

Port

Return button

OK

Users can customize the menu name, command type and return button with different characters, the correct central command code, IP address and port number, to achieve the control of the corresponding IP and port devices.

4.5 Upgrade

Home

Setting

IP Modify

Upgrade

Upgrade file

Save

Upgrade list ☐ Clear Panel menu

Panel upgrade steps:

Select the device to be upgraded-->Upgrade-->Select the upgrade package-->The panel displays Upgrade in progress and then Load in progress, then the upgrade is successful.

4.6 Toolbar

SAVE

Save added panel configuration information locally.

SAVE

Importing panel configuration information into the software.

SAVE

Download panel configuration information to the panel.

CHAPTER 5 PACKING LIST

NO.	Name	Quantities
1	Complete machine	1PCS
2	Wall screws	2PCS
3	Pearl cotton	1PCS
4	Outer carton	1PCS
5	Instruction manual	1PCS
6	Quick guide	1PCS
7	Certificate of conformity	1PCS
8	Warranty card	1PCS

WARRANTY REGULATIONS

The warranty period of this product is 1 year.

In the warranty period of non-man-made damage caused by the product performance failure can enjoy three packages of service.

Warranty card by the sales unit stamped after the effective. The alteration is invalid!

The following conditions (including, but not limited to, this) are not covered by the three-package service:

- No warranty card or missing valid invoice or the date has exceeded the validity period of the three packages of services;
- Not in accordance with the requirements of the product instructions for use, maintenance, management and damage caused;
- The product model or code on the warranty voucher does not match the physical goods;
- Damage caused by the dismantling and repair of non-authorised service providers;
- Normal discolouration, wear and tear and consumption during the use of the product are not covered by the warranty;
- The product cannot be used due to the user's own network reasons, please consult customer service staff.