



P1 PLUS

Control Panel

User Manual

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Chapter 1 Product 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.

1.2 Product Features

- ✧ Support UDP protocol connection to remotely control the processor;
- ✧ Control the processor volume, scene, mixing matrix and other functions to meet the unique needs of specific applications;
- ✧ Can be customized according to the actual use of the environment programming;
- ✧ The processor can be adapted to search the online panel to define the adjustment parameters;
- ✧ 802.3af、802.3at Standard POE switch power supply, no need for customized cables and local power supply;
- ✧ Support device firmware upgrade.

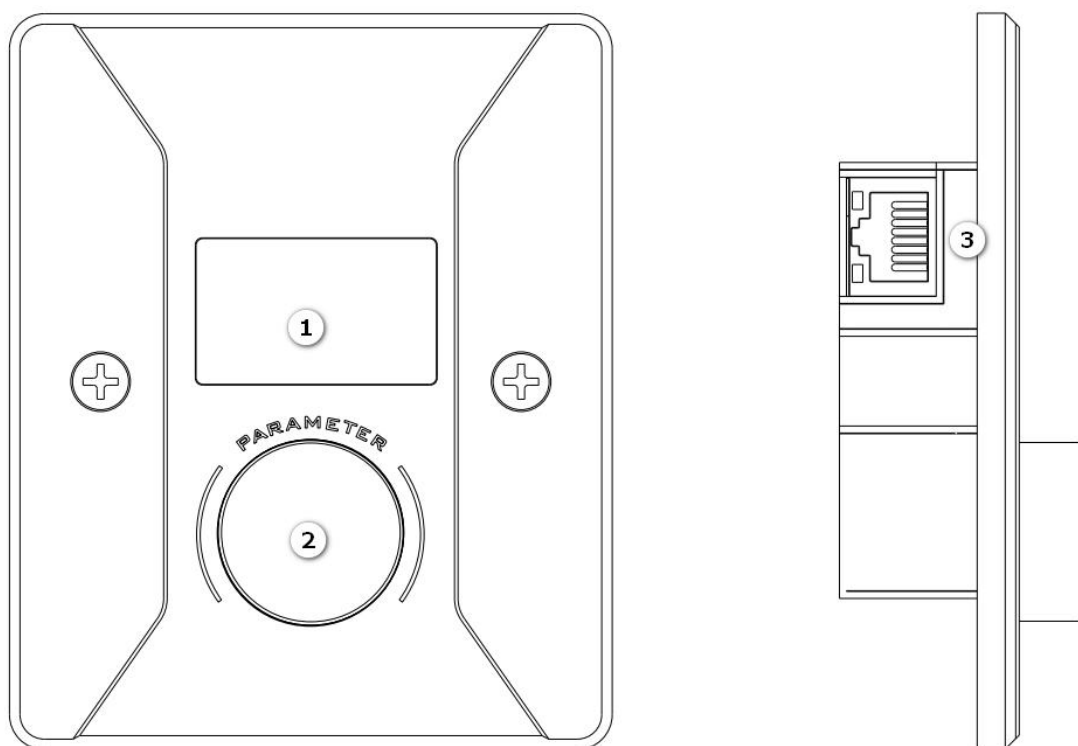
Chapter 2 Specification

Display size	1.3 inches
Communication interface	RJ45
Communication protocol	UDP
Control cable length	≤100m
Control knob	1
Material	Aluminum alloy sandblasted

Color	Black
Operating power supply	Supports 802.3af, 802.3at PoE power supply
Operating Temperature and Humidity	0°C ~40°C, 10%~90%RH, No condensation
Product Dimensions (L×W×H)	105mm×86mm×25.65mm
Net Weight	0.21kg
Package Dimensions (L×W×H)	145mm×145mm×80mm
Package Weight	0.31kg

Chapter 3 Interface Description

3.1 Interface knob description

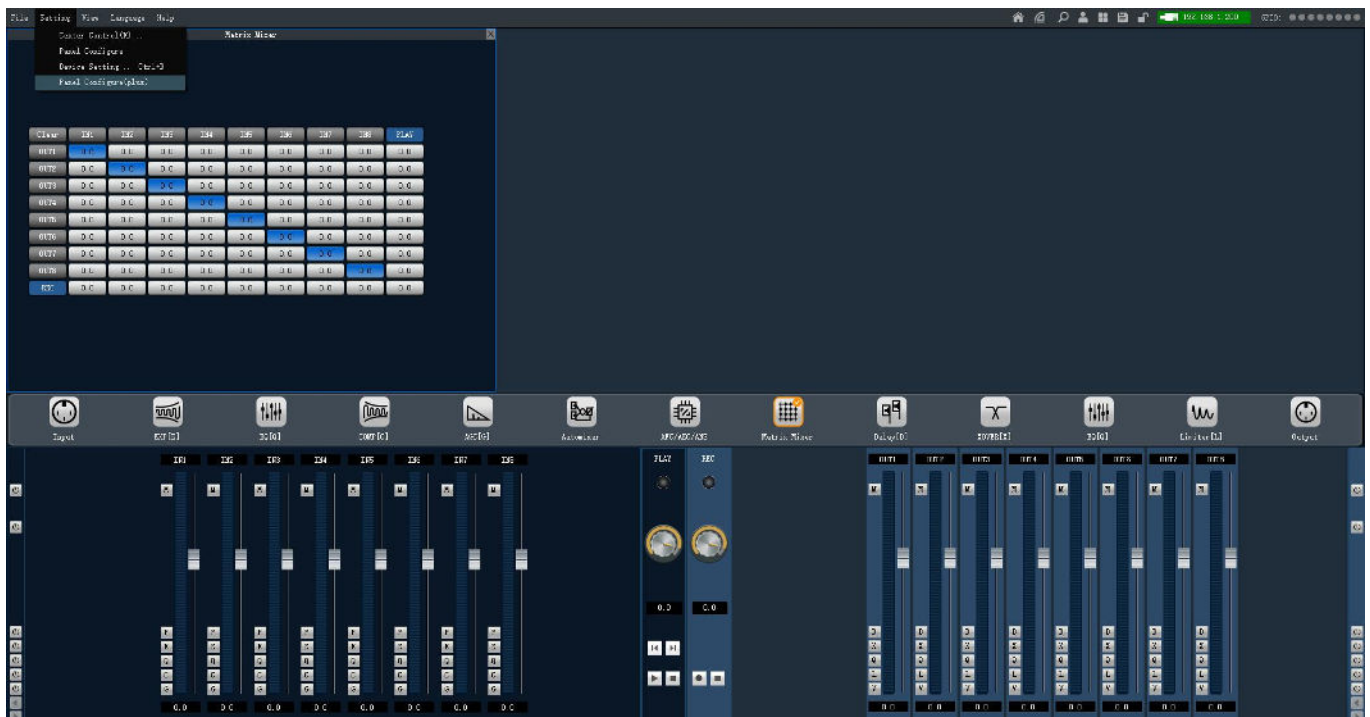


- ① Display: Display the version number, IP address and control interface, if not triggered for a long time, the display will automatically enter the sleep state;

- ② Control knob: Function selection and parameter control knob
 - 1) Rotate left and right: Function selection and parameter adjustment;
 - 2) Click: Enter editing mode;
 - 3) Rotate left and right on the basis of b): Parameter adjustment;
 - 4) Click on the basis of (b)/(c): Send commands and exit the editing mode.
- ③ Network interface: POE power supply and network communication.

Chapter 4 Instructions for Use

4.1 Main interface of the software

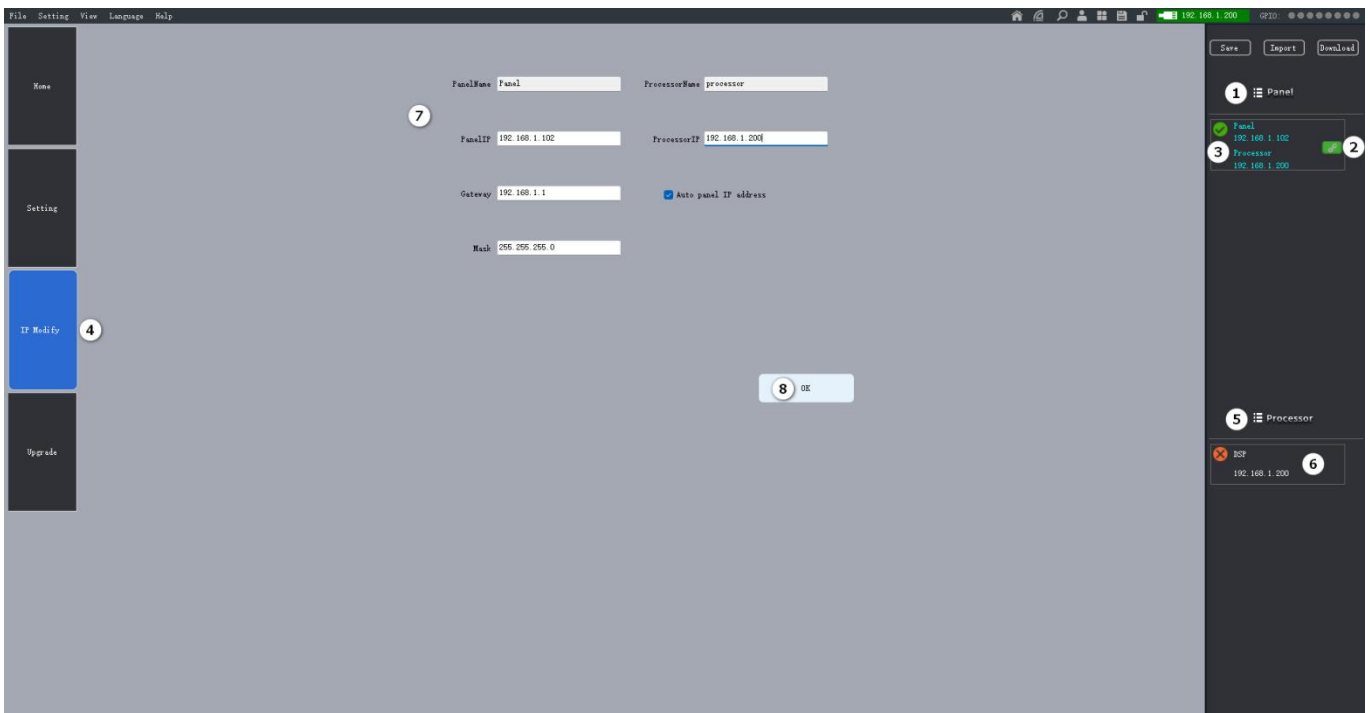


Steps to enter the main panel configuration screen:



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



4.2 IP Modify



- ① Panel: Search for online panel devices

- ② : Connected state : Unconnected state
- ③ Panel basic information: Display the name and IP address of the panel and the processor being controlled.
- ④ IP Modify: Double-click the position in Number ③ to get the basic information of the panel.
- ⑤ Processor: Search for online processor devices.
- ⑥ Processor List: Displays online processor IP addresses.
- ⑦ 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)
- ⑧ 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

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

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Save

- ① Home: Double-click the basic information of the panel to get the menu information of the panel
- ② Edit Button: Modify the menu information.
- ③ Delete Button: Delete the menu.
- ④ Save Button: Save the menu information and disconnect, up to 99 items can be saved.

4.4 Setting information

The screenshot displays the 'Setting' configuration window of the P1 PLUS Control Panel. On the left is a vertical sidebar with four buttons: 'Home', 'Setting' (highlighted in blue), 'IP Modify', and 'Upgrade'. The main area has a light gray background with five radio buttons at the top: 'Mute' (selected), 'Gain', 'Scene', 'Mixer', and 'Command'. A large white rounded rectangle is centered on the screen, containing two radio buttons: 'Input' (selected) and 'Output'. Below these are four text input fields labeled 'Parameter', 'Menu name', 'Mute button', and 'Unmute button'. The 'Parameter' field has a dropdown arrow. An 'OK' button is located in the bottom right corner of the white rectangle.

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

4.4.1 Mute

The screenshot shows a control panel for the 'Mute' function. At the top, there are five radio buttons: 'Mute' (selected), 'Gain', 'Scene', 'Mixer', and 'Command'. Below these, there are two radio buttons: 'Input' (selected) and 'Output'. Underneath, there are four text input fields labeled 'Parameter', 'Menu name', 'Mute button', and 'Unmute button'. The 'Parameter' field has a dropdown arrow. At the bottom right, there is an 'OK' button.

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

The screenshot shows a control panel for the 'Gain' function. At the top, there are five radio buttons: 'Mute', 'Gain' (selected), 'Scene', 'Mixer', and 'Command'. Below these, there are two radio buttons: 'Input' (selected) and 'Output'. The main area contains four input fields: 'Parameter' (a dropdown menu), 'Menu name' (a text field), 'Max' (a text field followed by 'dB'), 'Min' (a text field followed by 'dB'), and 'Step' (a text field followed by 'dB'). An 'OK' button is located at the bottom right of the panel.

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.

4.4.3 Scene

The screenshot shows a control panel with five radio buttons at the top: 'Mute', 'Gain', 'Scene' (selected), 'Mixer', and 'Command'. Below these is a large rectangular area containing two text input fields labeled 'Menu name' and 'Return button'. Underneath the inputs are two rows of checkboxes labeled 'Scene1' through 'Scene8'. An 'OK' button is located in the bottom right corner of the panel area.

☐ Mute ☐ Gain ☒ Scene ☐ Mixer ☐ Command

Menu name

Return button

Scene ☐ Scene1 ☐ Scene2 ☐ Scene3 ☐ Scene4

☐ Scene5 ☐ Scene6 ☐ Scene7 ☐ Scene8

OK

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

<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	<input type="checkbox"/> 7	<input type="checkbox"/> 8
<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12	<input type="checkbox"/> 13	<input type="checkbox"/> 14	<input type="checkbox"/> 15	<input type="checkbox"/> 16
<input type="checkbox"/> 17	<input type="checkbox"/> 18	<input type="checkbox"/> 19	<input type="checkbox"/> 20	<input type="checkbox"/> 21	<input type="checkbox"/> 22	<input type="checkbox"/> 23	<input type="checkbox"/> 24
<input type="checkbox"/> 25	<input type="checkbox"/> 26	<input type="checkbox"/> 27	<input type="checkbox"/> 28	<input type="checkbox"/> 29	<input type="checkbox"/> 30	<input type="checkbox"/> 31	<input type="checkbox"/> 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

The screenshot shows a control panel interface with five radio buttons at the top: Mute, Gain, Scene, Mixer, and Command. The 'Command' radio button is selected. Below the buttons is a large rectangular area containing several input fields and a dropdown menu. The fields are labeled: Menu name, protocol (with a dropdown menu showing 'UDP'), Type, Command code, IP Address, Port, and Return button. An 'OK' button is located at the bottom right of the input area.

☐ Mute ☐ Gain ☐ Scene ☐ Mixer ☒ Command

Menu name

protocol ▼

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.

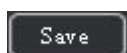
4.5 Upgrade



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 added panel configuration information locally.



: Importing panel configuration information into the software.



: 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:

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



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