Zenty | Professional A/V Solution Provider

User Manual [V1.0]



Wall-Plate Control Panel with 6 Buttons

ZT-514 | ZT-CP6-W

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SAFETY PRECAUTIONS

- Please read all instructions before attempting to unpack, install or operate this equipment and before connecting the power supply.
- Please keep the following in mind as you unpack and install this equipment:
- Always follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Never spill liquid of any kind on or into this product
- Never push an object of any kind into this product through any openings or empty slots in the unit, as you may damage parts inside the unit.
- Do not allow anything to rest on the power cabling or allow any weight to be placed upon it or any person walk on it.
- To protect the unit from overheating, do not block any vents or openings in the unit housing that provide ventilation and allow for sufficient space for air to circulate around the unit.

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1. Introduction

1.1 Introduction to ZT-CP6-W

The Wall plate Control Panel has (2) built-in programmable RS232 connectors and (2) Infrared (IR) connectors.

The Programmable Control Panel can fully control the compatible switches, as well as third-party devices such as matrix switcher, compact scaler switcher, projectors, screens, etc. Use the device for presentations in showrooms, classrooms, and boardrooms.

1.2 Features

- Six customizable control buttons
- One volume control knob
- Support IR, RS232 and TCP/IP control
- Can be controlled and configured via GUI
- Can be powered by PoE

1.3 Package List

- 1 x ZT-CP6-W Control Panel Wall Plate
- 6 x Button caps
- 2 x 3-Pin Pluggable terminal block
- 1 x 2-Pin Pluggable terminal blocks
- 1 x 5-Pin Pluggable terminal block
- 1 x Button label
- 1 x User Manual

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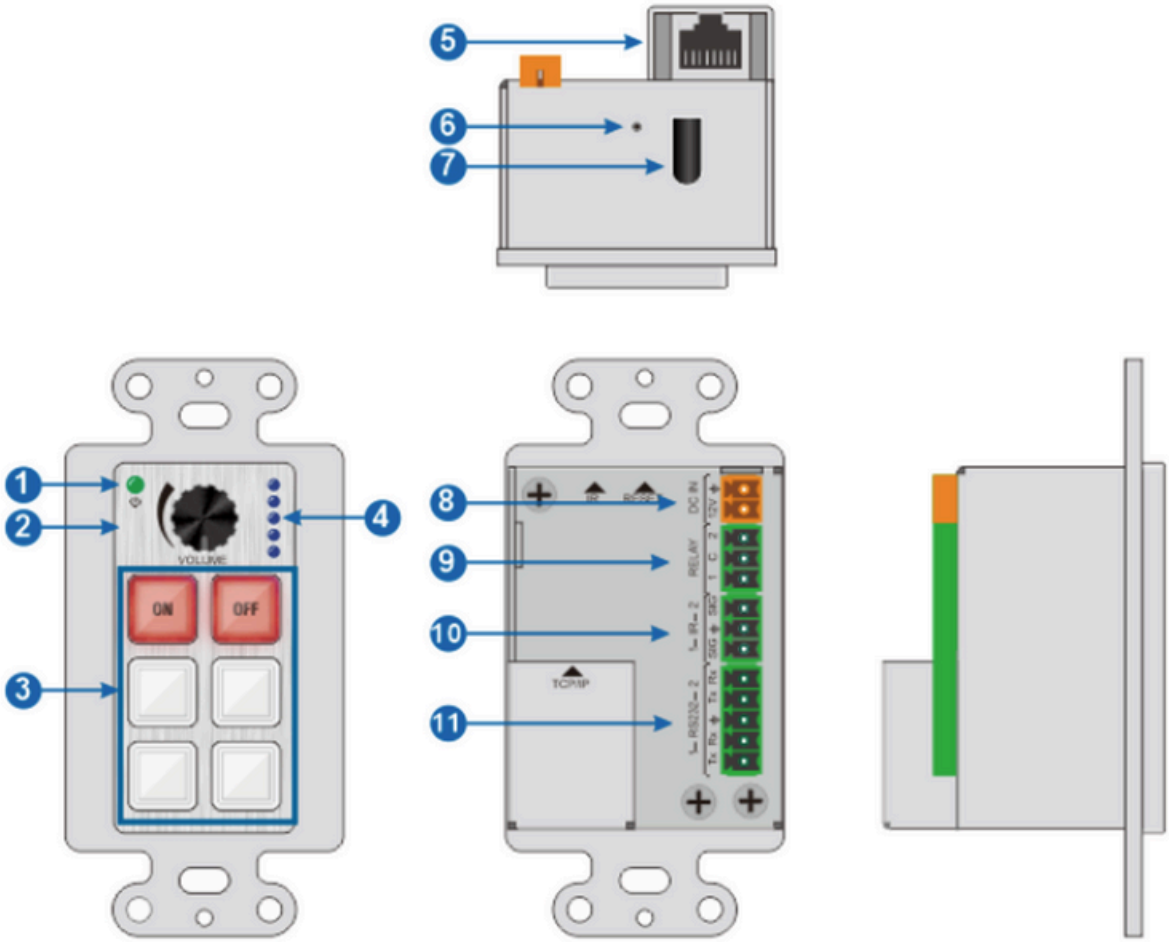
2. Panel Description



No.	Name	Description
1	Power LED	Illuminates green when powered on
2	Volume Knob	Black volume knob, high-quality knob with high damping feel and stable structure, about 12-13mm in diameter
3	Button	(6) crystal and luminescent programmable buttons: Each button can be programmed with the control panel software Each label within a button can be easily managed. Simply select the label you need and change it as needed

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4	Volume Indicator	5x blue indicator lights, light up in percentage according to the volume knob (1-19%, 20-39%, 40-59%, 60-79%, 80-100%)
5	TCP/IP	RJ45 connector. Connects with PC to run the GUI to customize button control
6	RESET	Long-press this button 3 seconds until the power LED goes out to start the restore factory default setting. The LED will then light when the reset is successful.
7	IR Sensor	Receives and learns the IR code to build the IR database.
8	PWR(12V)	Connects with 12V DC power adapter.
9	RELAY	Two groups of Relay Control, share a common switch interface, default ON
10	IR	Two sets of IR OUT, share a ground port, 5V standard, connect to the infrared emitting rod.
11	RS232	2 RS232 ports, Connect the third-party devices which can be controlled via the wall plate.

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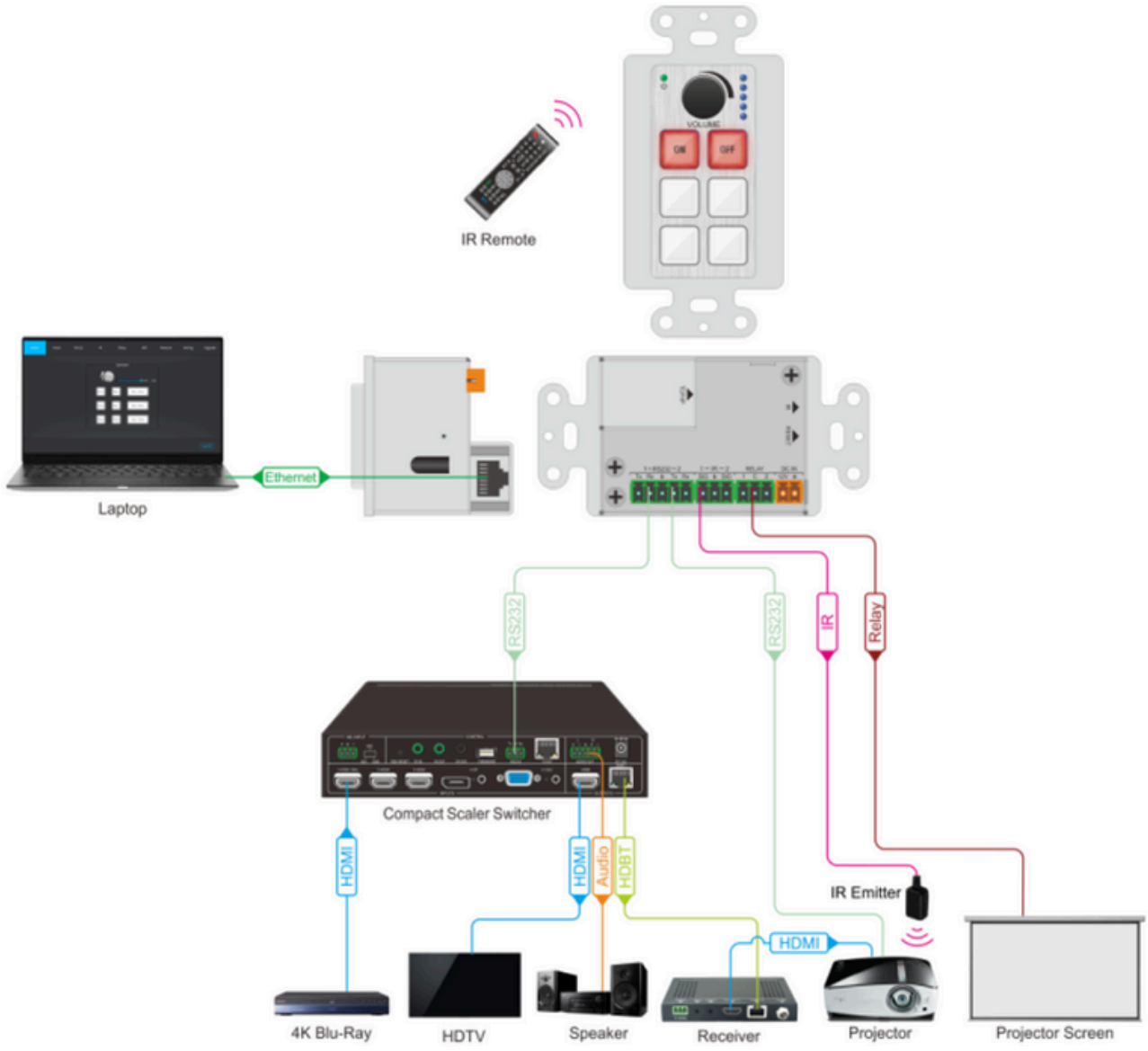
3. System Connection

The ZT-CP6-W can active different ports at one time. It means every button can send the RS232 commands, IR code at the same time. The demo system diagram as below:



1. Connect the ZT-CP6-W to the LAN port of Wireless Route, or control device (such as PC) to TCP/IP port.
2. Connect the third-party devices (such as Matrix Switcher, Compact Scaler Switcher or Projector) that need to be controlled to RS232 (1) ~RS232 (3) ports.
3. Connect the IR Emitters to IR (1) ~ IR (2) ports.
4. Connect to the third-party devices that need to be controlled by relay.

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4. GUI Control

4.1 Log In

The ZT-CP6-W is controlled by TCP/IP. The default settings are:

IP Address: 192.168.0.178

Subnet Mask: 255.255.255.0

Type 192.168.0.178 in the internet browser, it will enter the below log-in webpage:

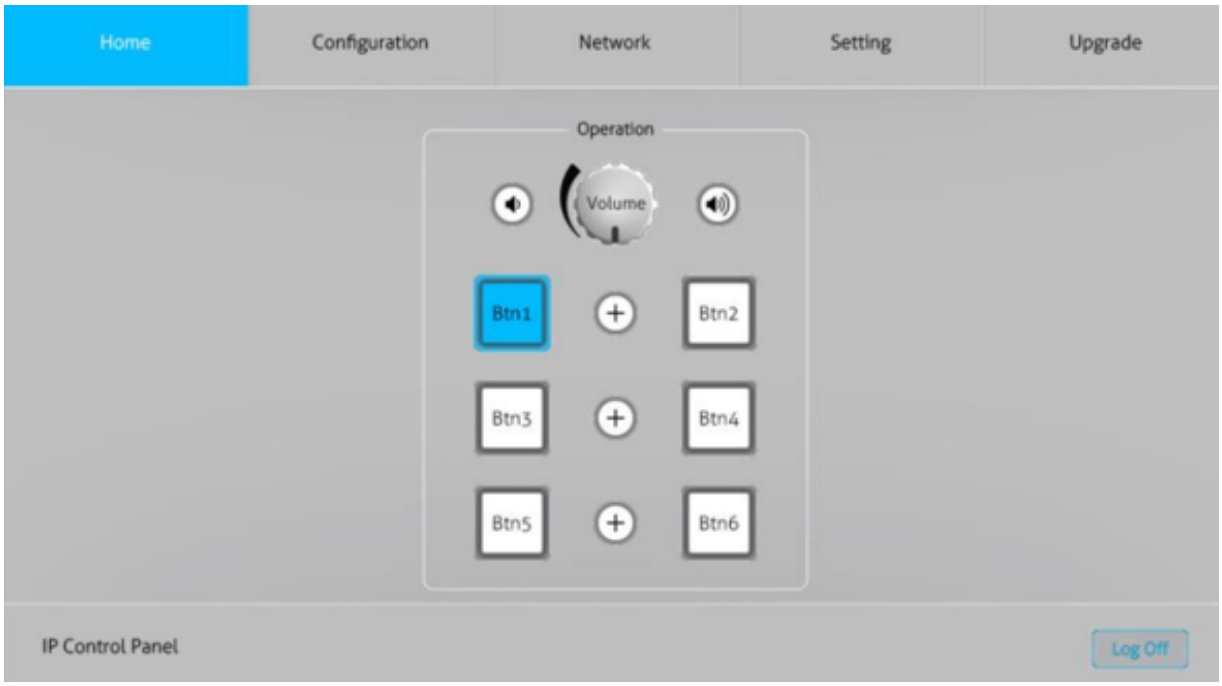


Username: admin

Password: admin

Type the username and password, and then click the login to enter the GUI setting.

4.2 Home



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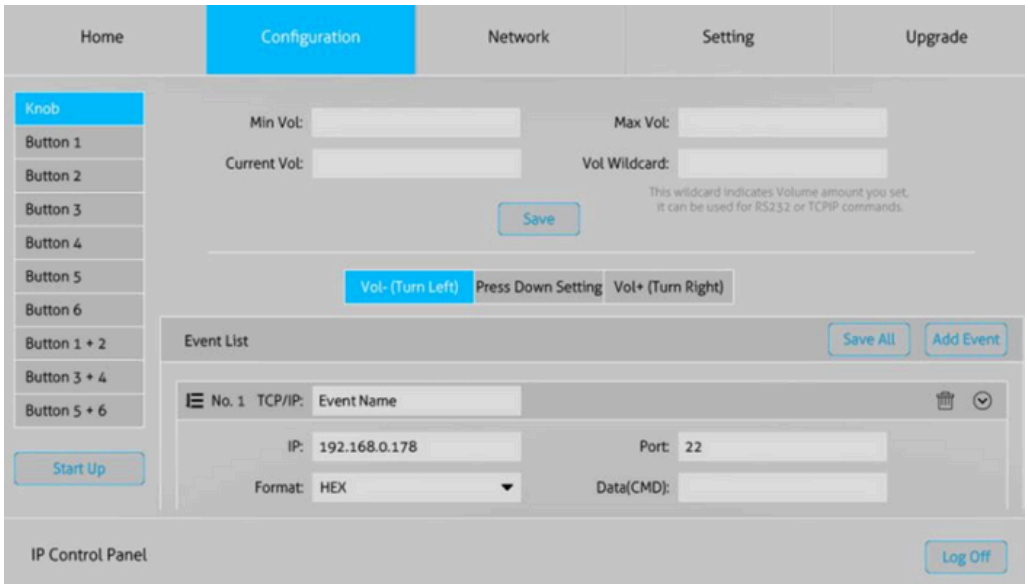
- Click the volume icon to adjust the volume; or click the knob icon to implement the corresponding event;
- Mouse operation click the corresponding button

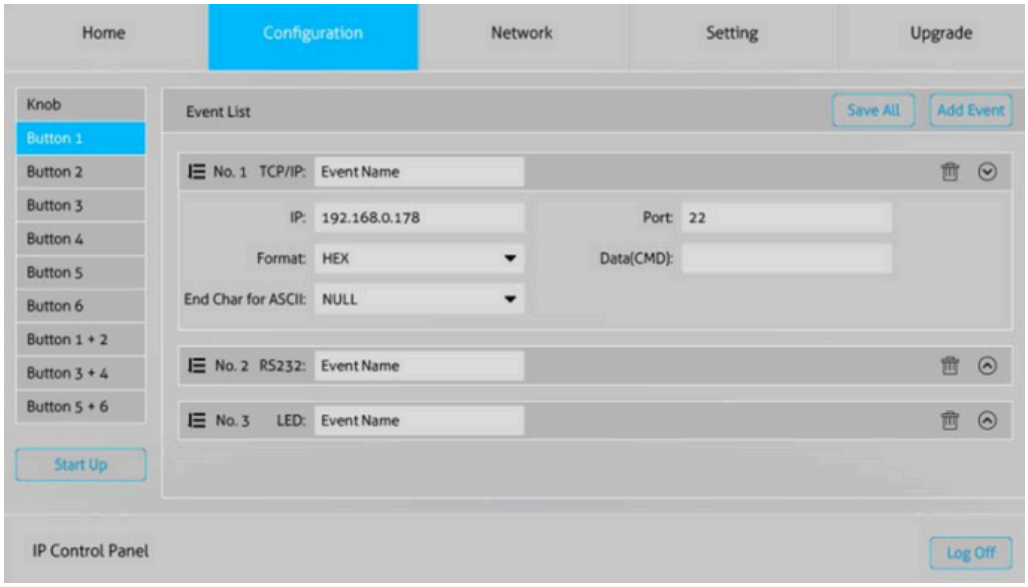
4.3 Configuration

4.3.1



- Knob/Button: Choose the knob or button to enter the event setting page
- Start up: Click to enter the starts up event setting page
- Set the Knob events: Turn Left, Press Down Setting or Turn Right

4.3.2 Button



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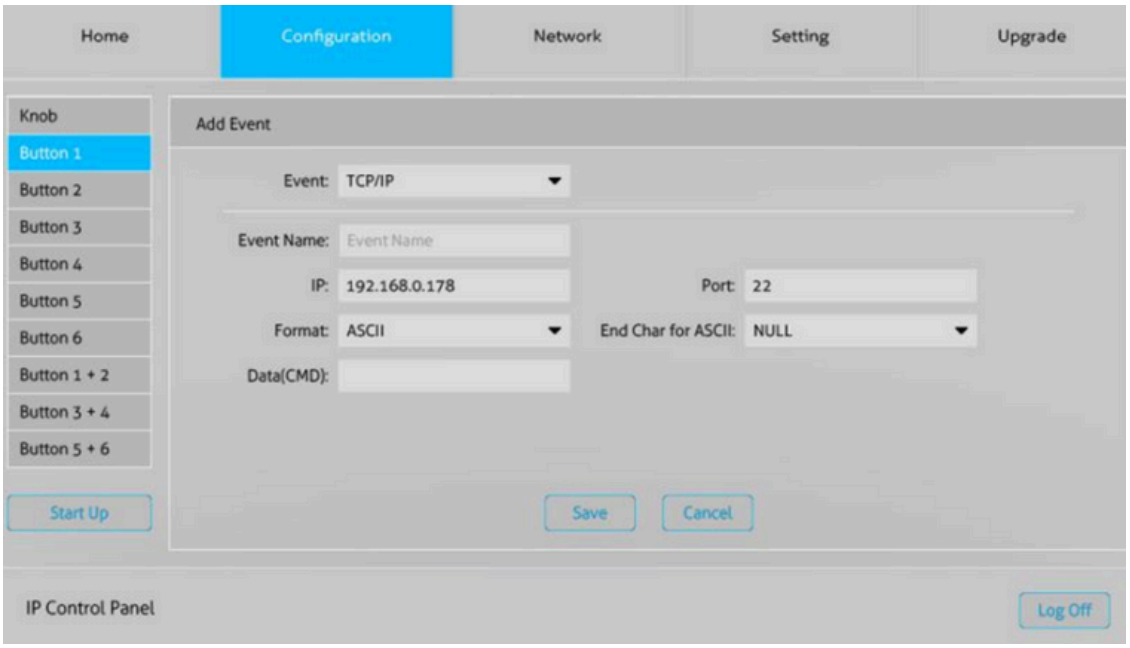
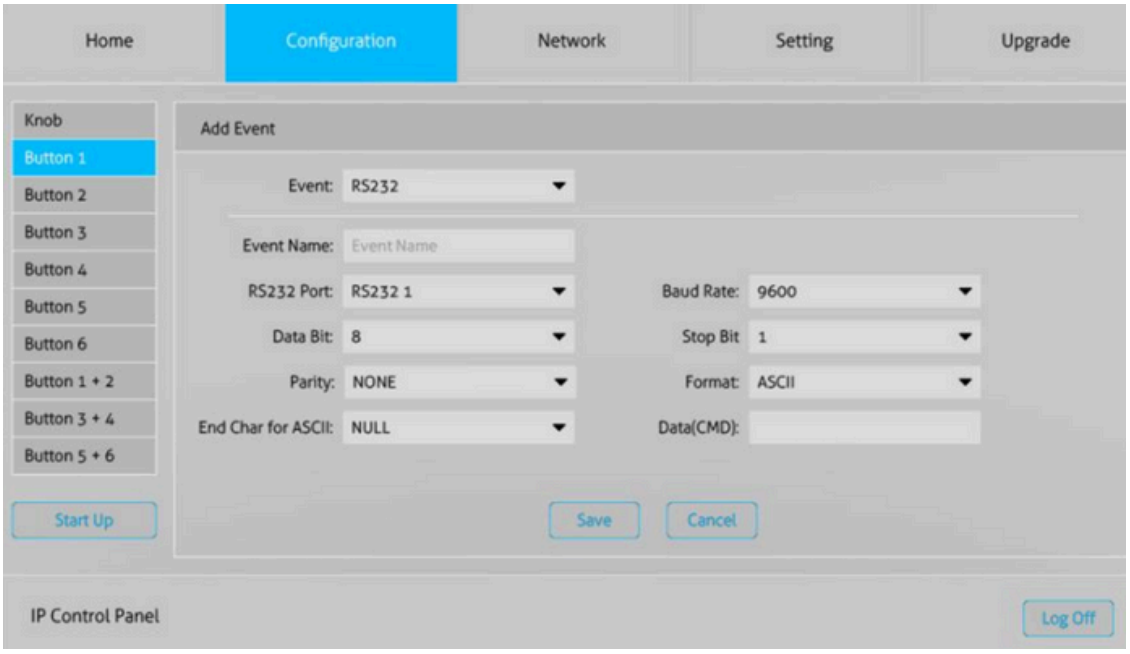
- Click the Button 1 to set the button 1 event, click Add Event and then set the Event and the corresponding settings
- One button can set multiple command events, such as TCP/IP, RS232, IR, RELAY, Delay and LED status

4.3.3 TCP/IP



- Set the TCP/IP event, such as IP, Port, Format, End Char for ASCII and Data

4.3.4 RS232



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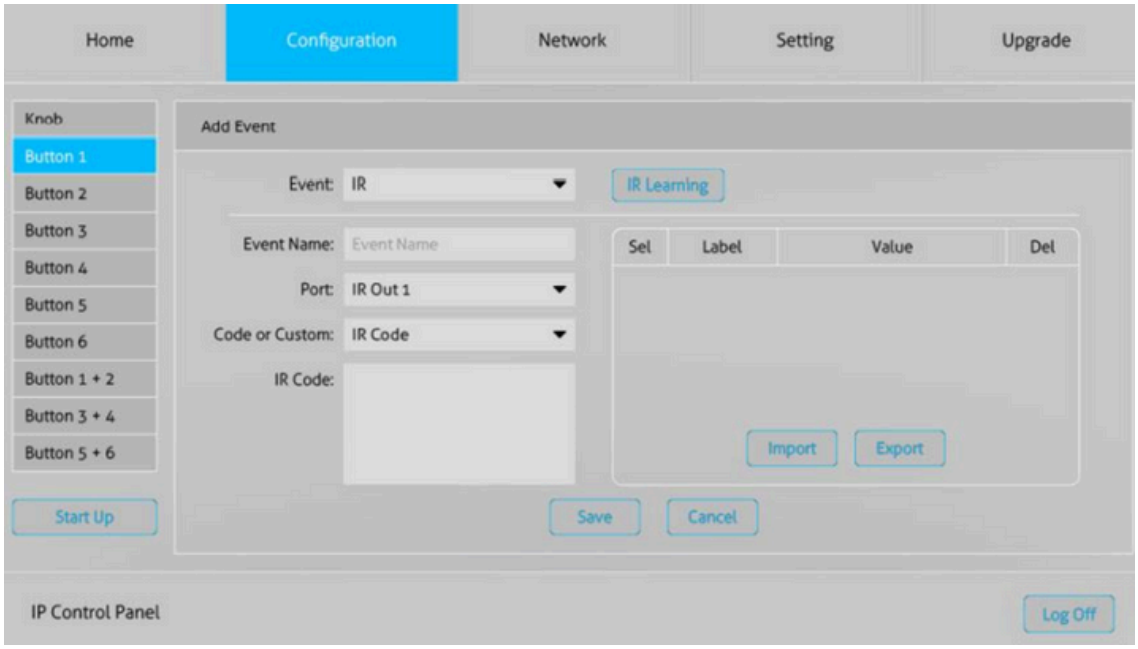
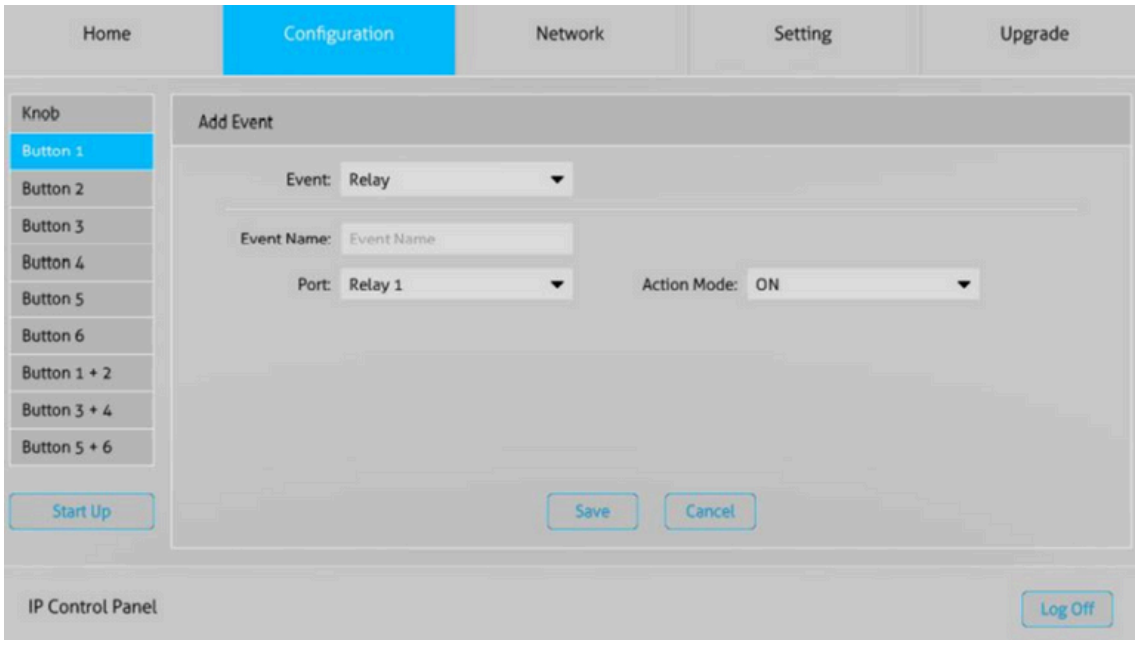
- Set the RS232 event, and then click save button to finish setting.

4.3.5 IR



- In IR event, user can import or export the IR command
- Set the Event Name, Port, Code or Custom and IR Code for the event
- Click Save button to finish setting

4.3.6 Relay



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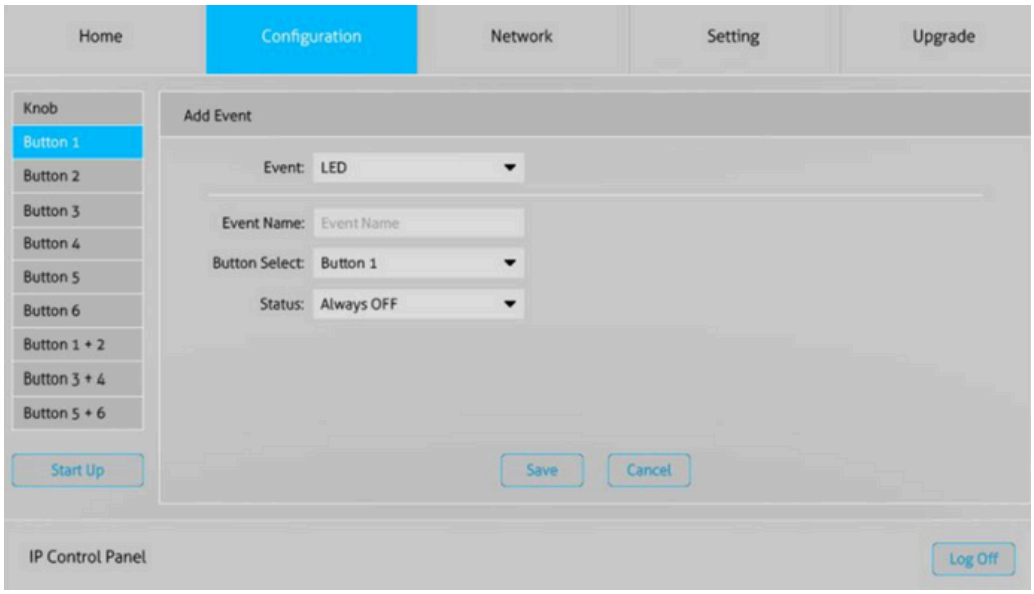
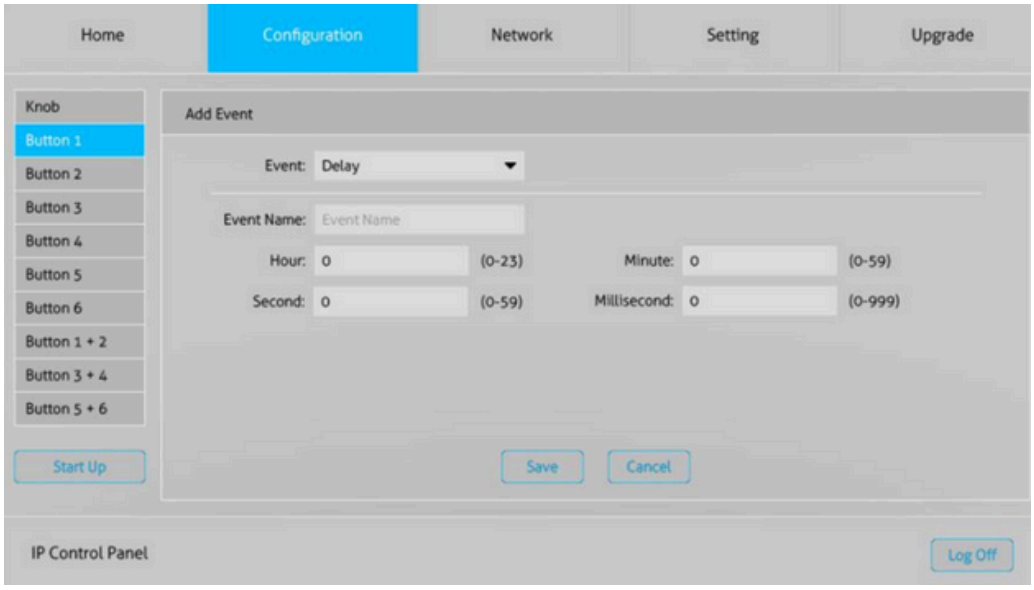
- Set the Event Name, Port and the Action Mode
- Click Save button to finish setting

4.3.7 LED



- Set the Event Name, Button Select, Status and LED Color
- Click the Save button to finish setting

4.3.8 Delay



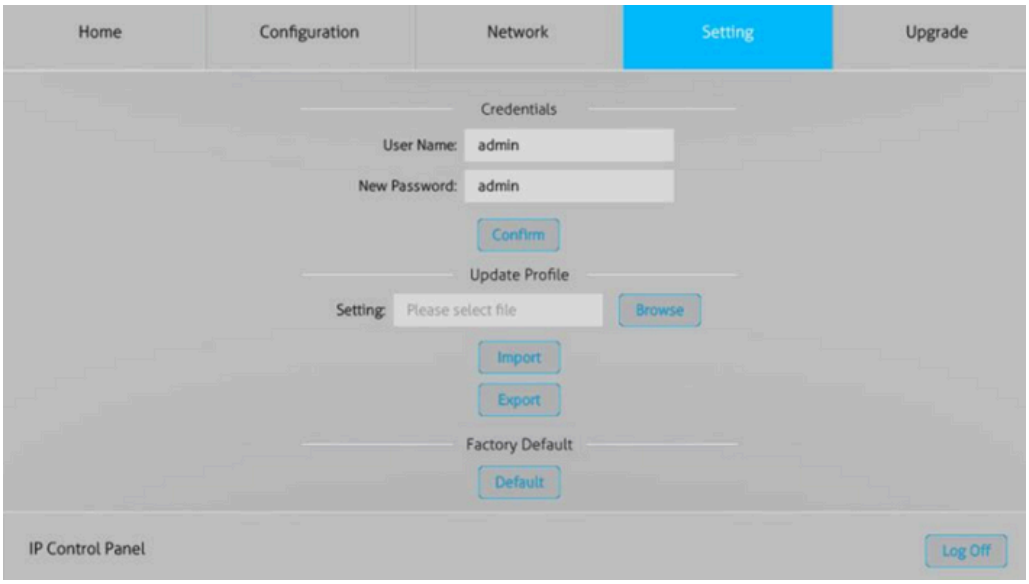
- Set the delay event to trigger the event after how long to press
- Click Save button to finish setting

4.4 Network



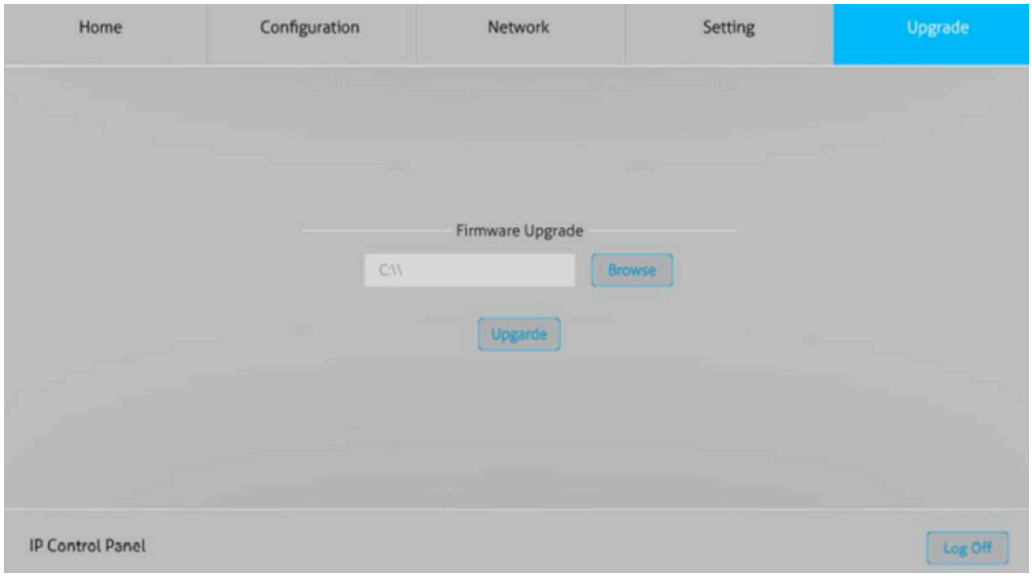
- Select dynamic or static IP mode. Under static mode, then IP Address, Subnet Mask and Gateway can be reset.

4.5 Setting



- Credentials: setting the username and new password and then click confirm button to perform the modification.
- Update Profile: Import or export the setting file to implement the system configuration.
- Factory Default: Click Factory reset

4.6 Upgrade



- Firmware Upgrade: click the browse to choose the upgrade file (the file needs to be renamed as "WP6P.app") and then click upgrade to execute upgrade.

5. Specifications

Program Port	TCP/IP
Output Port	2 x RS232, 2 x IR, 2 x Relay
Output Connector	2 x 3-pin pluggable terminal blocks 2 x 2-pin pluggable terminal blocks
Baud Rate	9600 baud, supports 9600, 19200, 38400, 57600, 115200
Power Consumption	2.5W (Max)
Operation Temperature	0° ~ 40°C
Storage Temperature	-10° ~ 55°C
Relative Humidity	10% - 90%

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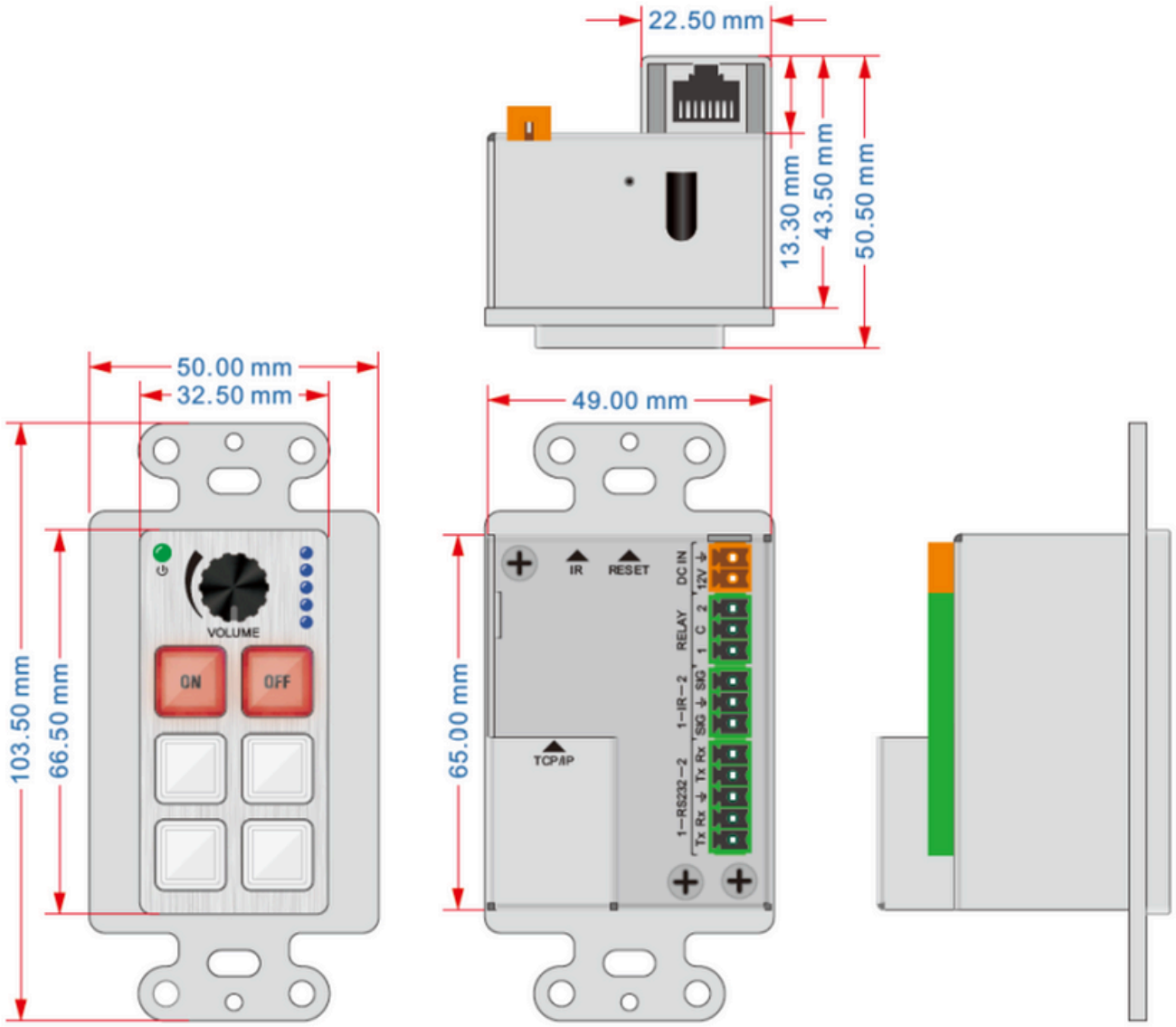
Power Supply	Input: 12V DC, PoE
Net Weight	155g
Case Dimensions (W x H x D)	50mm x 103.5mm x 50.5mm

6. Panel Drawing



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Maintenance

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner, or benzine to clean.

Warranty

If your product does not work properly because of a defect in materials of workmanship, our company (referred to as "the warrantor") will, for the length of the period indicated as below, "Parts and Labor (5) Years", which starts with the date of original purchase ("Limited Warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.
During the "Labor" limited warranty period, there will be no charge for labor. During the "Parts" warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers products purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

Mail-In Service

When shipping the unit, carefully pack and send it prepaid, adequately insured, and preferably in the original carton. Include a letter detailing the complaint and provide a daytime phone and/or email address where you can be reached phone and/or email address where you can be reached.

Limited Warranty Limits and Exclusions

This Limited Warranty ONLY COVERS failures due to defects in material or workmanship and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by
products not supplied by warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, mis-adjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service center or other Authorized Servicer, or damage that is attributed to acts of God.

There are no express warranties except as listed under "Limited Warranty Coverage". The warrantor is not liable for incidental or consequential damages resulting from the use of this product or arising out of any breach of this warranty. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service, loss of or damage to media or images, data or other recorded content. The items listed are not exclusive but are for illustration only). Parts and service, which are not covered by this limited warranty, are your responsibility.

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