

P5

Control Panel

User Manual

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Chapter 1 Overview

1.1 Overview

This control panel is composed of a 5-inch all-metal shell, capacitive touch screen, connects to control the audio processor through a local area network, can be embedded in the wall, supports scene control, volume control, playback control, richer customization settings; supports POE or 12V DC two power supply modes.

1.2 Main characteristics

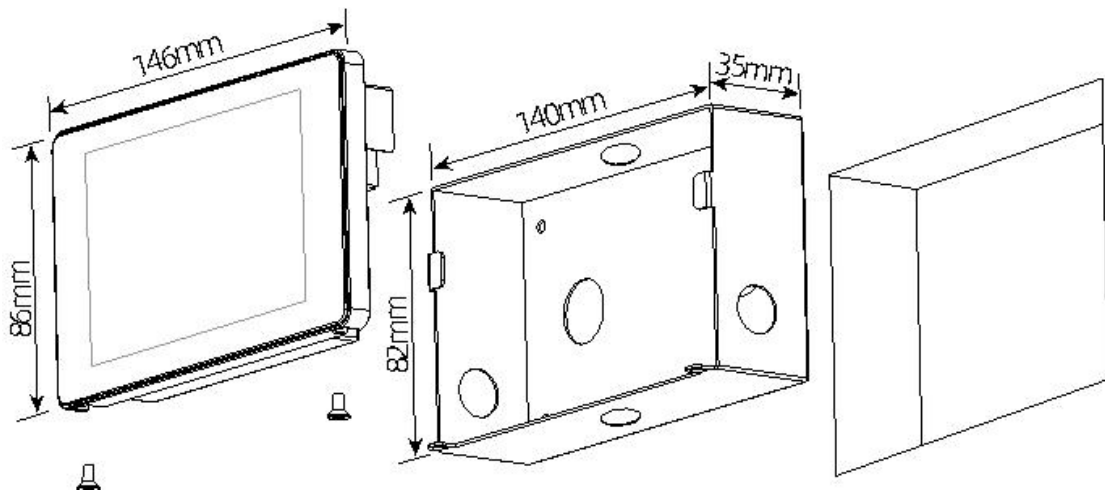
- ✧ Core processor: CORTEX-M3 core + high-speed FPGA;
- ✧ Capacitive touch screen control, standard TCP/IP protocol transmission, no need to set up the panel on PC;
- ✧ 802.3af、802.3at Standard POE switch power supply or DC 12V adapter power supply, hot backup;
- ✧ Network control processor, no distance limitation;
- ✧ 5.5 inch capacitive touch screen operation;
- ✧ Support fast scene control, volume control, playback control, richer customization settings, easy to use;
- ✧ Desktop or wall mounting.

Chapter 2 Main Parameters

Touch Screen Size	5 inch
Resolution	800×480px
Color	64K colors, 16-bit RGB
Communication Interface	RJ45
Communication Protocol	TCP/IP
Touch	Capacitive

Power consumption (with backlight on)	170mA@5V
Power Consumption (Off Backlight)	71mA@5V
Input Voltage	5~15V
Full-screen image update time	19ms
Single color clear time	2.5ms
Text display speed (16×16 dot matrix)	0.35ms
Display Type	TFT LCD
Brightness (cd/㎡)	300
Backlight tube	LED
Backlight life (average)	>30,000 hours
Power supply	Supports 802.3af, 802.3at PoE power supply; or DC 12V, 2A
Operating Temperature and Humidity	0℃~40℃, 10%~90%RH, No condensation
Effective display size of screen (L×W)	108mm×65mm
Product Dimensions (L×W×H)	146mm×86mm×27mm
Net Weight	130g
Package Dimensions (L×W×H)	280mm×210mm×70mm
Package Weight	0.4kg

Chapter 3 Installation Guide



- ① According to the size of the junction box, make holes in the wall and lay out the lines, embed the junction box in the wall and fix it;
- ② Connect the network control cable, if the switch does not support POE, you need to use 12V DC power supply, the device will automatically turn on after the power is connected;
- ③ Embed the main unit into the junction box and fasten the hook downwards, make sure that the screw holes on the bottom of the junction box do not go into the bottom slot of the panel. 4;
- ④ Drive the screws from the bottom of the junction box into the screw holes of the bottom slot of the panel, and the installation is completed.

Note: The opening of the junction box should be flush with the wall or slightly protruding.

Chapter 4 Operation

1. Power on the computer to enter the main control interface;



- ① "Home" is the default interface;
- ② "Scene" is used to switch the processor scene;
- ③ "Volume" is used to adjust the processor channel volume;

- ④ "Play" is used to play MP3 or WAV format audio files from the processor USB storage device;
- ⑤ "Settings" is used to set the network connection, scene name, adjustable volume channel and other functions.

2. Connect to the processor;

Please click the Settings button to enter the Network Settings interface, the default password is: 123456, configure the local network and processor IP address, and make sure that the control panel and the processor network can be reached, no IP address conflict.



3. Setting;

- ① "Scene Setting" can set the title of scene 1 to scene 8, the maximum length is 4 Chinese characters or 8 English characters;
- ② "Volume Setting" can realize the function of controlling the volume up/down and mute of different channels by changing the channel number, which can be used to set the channel name and the corresponding channel number of the processor, and it can be set up to 16 channels, which is displayed in 4 pages;
- ③ "Network Settings" view and modify the network address information of the device, enter the IP address, subnet mask, gateway in the corresponding position. Set the IP of the local computer and the IP of the device in the same network segment to realize the control function of the device;
- ④ "Other Settings" interface provides functions such as checking the serial number and software version number of the device, setting the screen saver time, buzzer switch, restoring factory settings, and so on;
- ⑤ "Exit" clicks on the exit to exit the setup interface.

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.



SHENZHEN S TRACK SCIENCE TECHNOLOGY CO., LTD

Web: www.s-track.com.cn

Tel: +86 755 29983191

Mail: service@s-track.cn

Add: 9F, 1B, Shangzhi Technology Park, Guangming District, Shenzhen City, Guangdong Province, China 518107