

7-inch multifunctional touch screen

User Manual

KTP70L



1

Safety instructions

- Before installation, please read user manual carefully and observe relevant standards, directives, regulations and instructions.
- Electrical equipment must be installed and programmed by qualified technicians only.
- This device is manufactured according to the relevant technical specifications and have CE.
- For more information of this product, please contact the technical engineer of manufacturer.
- Users are not permitted to alter and maintain the product without the authorization of manufacturer.
- Failure to observe the instructions may cause damage to the device and result in fire or other hazards.

Product Overview

The KTP70L is a multi-functional touch screen. It is equipped with a 7-inch full-view high-definition color capacitive touch screen, which can display 16.7 million true colors. It has a built-in high-precision temperature sensor chip and can display the current ambient temperature. It has rich control functions, integrating various control functions such as lighting, curtains, air conditioners, underfloor heating, fresh air systems, audio-visual systems, and scenes. The KTP70L multi-functional touch screen adopts embedded wall-mounted installation. The frame is made of metal material and is available in a variety of colors for customers to choose from. It can be used as a central control terminal for households.

2

Product Features

- Full-view high-definition color capacitive touch screen with 16.7 million true colors
- Resolution: 1024x600
- Built-in high-precision temperature sensor chip
- Extremely thin metal frame, with the frame thickness as thin as 7mm
- Frames in multiple colors are available for customers to choose from, suitable for different home decoration styles
- Rich UI interactive controls and the ability to freely switch among multiple themes
- Simultaneously supports both KNX TP bus interface and KNXnet/IP interface
- Has the function of KNX IP Router
- Automatic cloud time calibration (Internet access required)
- Rich control functions (switching on and off, dimming, curtain control, underfloor heating control, air conditioning control, audio-visual control, etc.)
- Built-in timing function
- Built-in network service, allowing configuration and programming to be completed using a browser
- Customized management for multiple rooms

3

Installation instructions

1. According to the text and direction marks on the fixing iron sheet, fix the iron sheet to the base box.
2. Connect the power supply terminal, KNX bus terminal and network interface of the multi-functional touch screen.
3. Place the multi-functional touch screen inside the base box and fasten it tightly to the fixing iron sheet to complete the installation.

Product Configuration

- 1) This product adopts the web page programming method. Please use browsers that are not based on the IE kernel for function configuration, such as Firefox, Chrome, etc.
- 2) Login address: 192.168.1.232
- 3) Username: admin
- 4) Password: 123

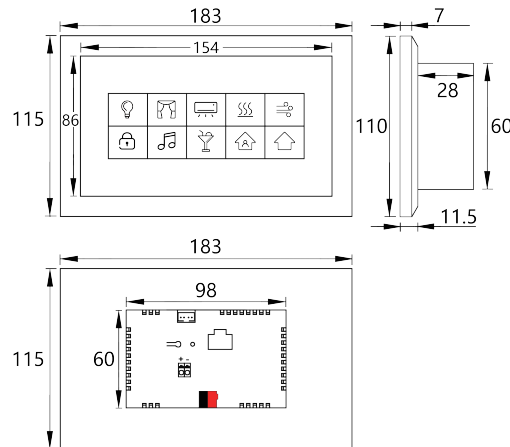
4

Product parameters

| Parameter | Types | KTP70L |
|---------------------------------|-------|---|
| Power | | |
| Power Supply | | 24V DC |
| Transmission medium | | KNX TP KNXnet/IP |
| Bus rated current | | < 3W(DC24V) |
| Product Info | | |
| Dimensions (WxHxT,mm) | | 183mm×115mm×35mm |
| Sensor | | Embedded temperature sensor |
| Screen type | | TFT |
| Screen size | | 7 inches |
| Screen color | | sixteen million seven hundred thousand |
| Resolution | | 1024×600 |
| Type of protection | | IP20 |
| Operation | | -20°C~70°C |
| Storage | | -30°C~80°C |
| Programming mode | | Web programming |
| Installation method | | Installation of the dedicated embedded bottom box |
| Installation information | | |
| Bottom box size(WxHxT,mm) | | 154mm x 87mm x 70mm |
| Opening size(WxHxT,mm) | | 154mm x 87mm |

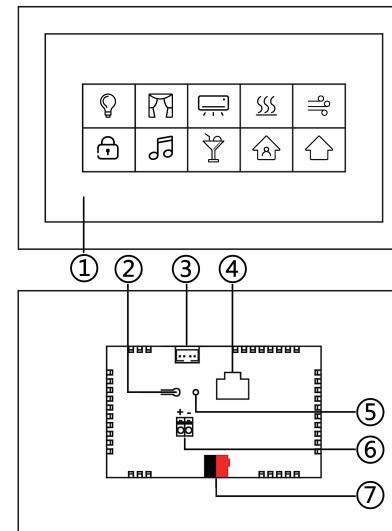
5

Product dimensions



6

Operating instructions



7

Operating instructions

- ① Operation area: The controlled devices can be controlled by means of touch.
- ② Programming button: Short press the programming button to program the physical address of the device. Long press this button for 6 seconds, and the touch screen can be reset, that is, restored to the factory settings (such as the host IP network parameters, account passwords, etc.).
- ③ Reserved data interface
- ④ RJ45 network interface
- ⑤ Programming indicator light: It shows whether the device is in the physical address setting state.
- ⑥ Power supply interface: Use a DC 24V power supply.
- ⑦ KNX bus terminal: Connect to the KNX system.

8

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