



MPT4R4L/S-ZB.18

iTouch 4 Buttons Touch Panel

Datasheet

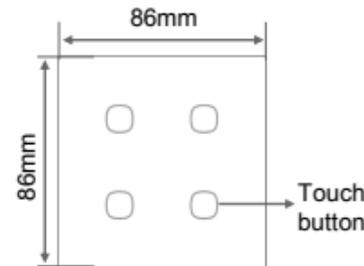
## Overview

The iTouch 4 Buttons Touch Panel is a smart button panel based on Zigbee 3.0 communication protocol, which has 4CH 5A relay channels. Touch buttons, RGB backlights and vibration feedback functions are available. With the support of the Evoyo gateway, the panel button functions can be customized through APP, such as smart scenes, lighting devices, etc., bringing you an evolved home.

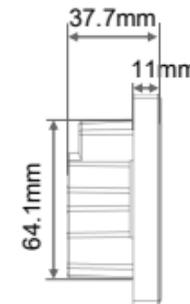
\*For more information about Evoyo products, please log on [www.hdlautomation.com](http://www.hdlautomation.com) or call 400-855-8535.



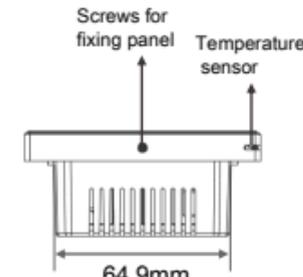
## Components



Front View

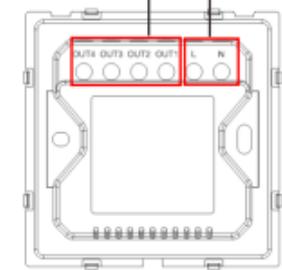


Side View

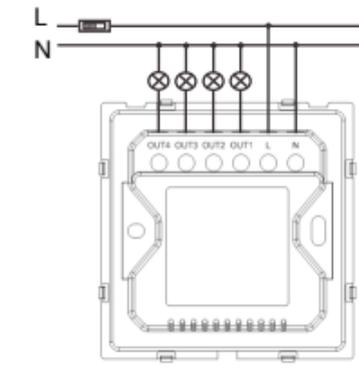


Side View

4 relay output channels  
AC power input



Back View



Wiring

## Installation

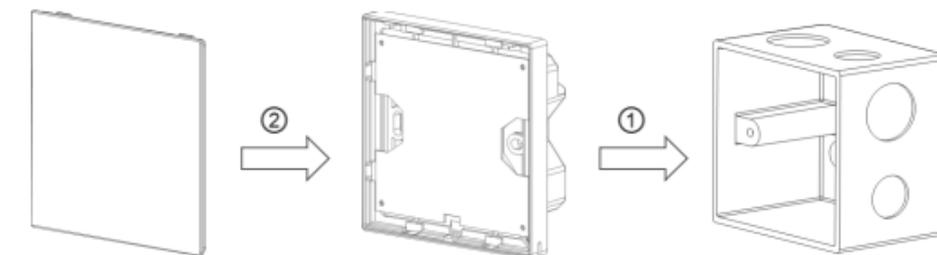
Please follow the instructions in this chapter to install.

Step 1. Install the wall box in the wall.

Step 2. Connect the cables on the back of the panel.

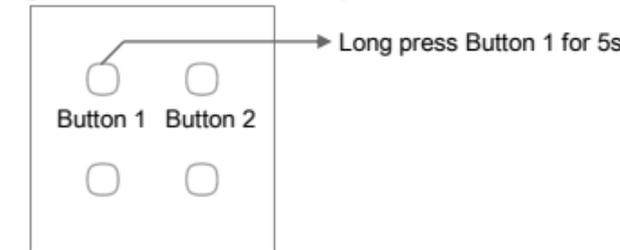
Step 3. Unscrew and remove the fixing screw under the metal frame of the panel with screwdriver, and insert the micro screwdriver into the screw hole to gently pry off the glass cover, and then fix the base panel in the wall box with screws.

Step 4. Reinstall the glass cover and fix the screw under the panel frame.



## Operation Instructions for Network Connection/Disconnection

Schematic diagram of network connection operation



Operation	Indicator Status	Device Status
Long press Button 1 for 5 seconds to connect the network	In the off state, the button backlight shows a breathing light effect. In the on state, the button backlight is always on.	Before network connection
	The backlights of all buttons turn green and flash (1 time per second).	After network connection
Press Button 1 and Button 2 simultaneously for 10s, until the backlights of the buttons turn red sequentially and cyclically, and then press Button 1 for 3 times	The backlights of all buttons turn red and flash quickly.	Network disconnection & restore factory settings
Delete the panel through the Evoyo Home APP	The button backlight shows a breathing light effect.	Network disconnection
Locate the device/button/relay via the Evoyo Home APP	The button backlight flashes (1 time per second) / the relay turns off for 1 second and turns on for 1 second cyclically.	Positioning

## Quick Setting

1. Search and download the Evoyo Home APP from the software application store.

2. Preparation before network connection: Power on the iTouch 4 Buttons Touch Panel and gateway, and make sure that the mobile phone is connected to the router.

\*If you use a dual-band router, please turn off the 5GHz Wi-Fi network first.

\*Make sure that the mobile phone and the gateway are in the same Wi-Fi network.

3. Add iTouch 4 Buttons Touch Panel:

In the Evoyo Home APP, click "My" → "Device" → select gateway (if there is only one gateway, the device is added to the gateway by default) → "+" → select the device type "iTouch 4 Buttons Touch Panel" → follow the prompt operation in the APP and make the iTouch 4 Buttons Touch Panel enter the network connection mode → click "Next" to start the network configuration.

\*If the gateway has not been added, you need to add the gateway first.

\*If you fail to add the iTouch 4 Buttons Touch Panel, please select the following operation and try to add it again in the APP:

① Disconnect the network: Press Button 1 and Button 2 simultaneously for 10s, until the backlights of the buttons turn red sequentially and cyclically, and then press Button 1 for 3 times, all the backlights turn red and flash quickly, then the device disconnects the network successfully.

② Move the gateway closer to the panel, power off the panel, and then power on again.

If you need help, please log on [www.hdlautomation.com](http://www.hdlautomation.com) or call 400-855-8535.

## Basic Parameters

Input voltage: 100-240VAC (50/60Hz)

Standby power consumption: ≤2W

Output channel: 4CH, 1100W/CH, 220VAC

Communication: Zigbee 3.0

Wireless transmission power: +10dbm

Indoor communication distance (barrier free): ≤30m

Working frequency: 2.4GHz

Working temperature: -5°C~45°C

Working relative humidity: ≤90%RH, no condensation

Dimensions: 86×86×37.7(mm)

Net weight: 167g

Housing material: Glass, metal frame

Installation: Wall box

Protection rating (Compliant with EN 60529): IP20

## Notes and Safety Precautions

1. The installation and testing for the product must be carried out by HDL Automation Co., Ltd. or its appointed service agencies. The electric construction shall comply with local laws and safety regulations.

2. HDL will not be responsible for any consequence caused by the inexpert or faulty installation and wiring methods, which are not in accordance with the instructions contained in this operating instruction.

3. Please do not privately disassemble or replace any parts of the product. Otherwise, it may cause mechanical fault, electric shock, fire or personal injuries.

4. Please contact our after-sales departments or our designated service agencies for your maintenance service. Product failures caused by private disassembly are not subject to this warranty.

5. The panel should be wall box mounted.

6. The max indoor communication distance is 30m. The indoor transmission distance will be decreased by obstacles. So it is recommended to install the device in an open location, and avoid installing the device beside large metal objects to ensure better communication.

## Package Contents

MPT4R4L/S-ZB.18\*1 / Screw\*2 / Micro screwdriver\*1 / Datasheet\*1

## Technical support

E-mail: [hdltickets@hdlautomation.com](mailto:hdltickets@hdlautomation.com)

Website: <https://www.hdlautomation.com>

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