VL-ZP07101

LIVOLO

Touch Switch Manual

http://www.livolo.com

Installation Precautions

1.Be sure to turn off the power before installation.
2.Must be wired according to the wiring requirements.
3.The load connected to each gang of the switch cannot exceed 5A.
4.The load connected to 1 gang dimmer switch cannot exceed 2A; the load connected to each gang of dimmer switch (2 gang or more) cannot exceed 1A, and the total load cannot exceed 2A.
5.The size of the installation screw hole is 60mm, and the diameter of mounting box should be at least 72mm, and the depth of mounting box is 65mm.

Installation Instructions

Basic Functions

1.When the switch is turned on, the indicator light is red, and when it's off, the indicator light is blue.

2.The EC switch has the function of active routing and relaying, which has the effect of enhancing the signal coverage of the whole house.
3.When the device signal is weak or disconnected from the gateway, the red indicator light flashes every 3 seconds, for example: when the switch is on, the red indicator light is always on and changes to the blue indicator light every 3 seconds; when the switch is off , the blue indicator light is always on and changes to the red indicator light every 3 seconds.

4.If a button on the switch is not connected to a lamp, when the button is touched, other lamps connected to the switch will flash for a short time, which is normal phenomenon.

Wiring Instructions

of One Way Switch:

Two Way Function Instructions

Two way pairing instruction

Press and hold the switch button which needs to be paired for 5S, when hearing the first "beep" sound or the indicator light flashes, then release the button and this switch enters the pairing state.

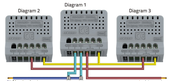
Press the button on the other switch that needs to be paired to complete the pairing. The indicator light flashes quickly, and the pairing is complete when hearing two "beep" sound. After pairing, both switches can control the lamp, and the status of the indicator light can be synchronized.

Two way function deletion

Press and hold the button of the main switch (wired with the lamp) for 10S to cancel the two way synchronization. Note:the sub switch that is not connected to the lamp cannot initiate the cancel operation.

The Wiring Diagram

of Two Way Switch (Intermediate Switch):



Doorbell (Reset) Switch

Keep touching the switch, the light will turn on (red LED is on), release the switch, the light will turn off (blue LED is on), keep touching the switch, the light will turn on, the longest duration is 3 minutes, and the switch will be turned off after 3 minutes.

Precautions

If the switch does not work properly, please turn off the power and recover it after 1 minute.

Product Specifications

No.	Technical index	Requirements
1	Dimension	Full glass version : ① 46.5mm*46.5mm*36.75mm ② 69.6mm*47mm*28.9mm Hole-cut glass version : ① 45.1mm*45.1mm*42.6mm
2	Voltage	100-240V~ 50/60Hz
3	Status indicator	Two-color LED light + buzzer
5	Temperature and humidity	-10℃ ~ +40℃

No.	Technical index	Requirements
4	Load	5A/each gang, total no more than 10A
6	Communication protocol	EC self-developed protocol
7	Two way function	✓
8	Flame retardant shell	✓
9	Longevity	100,000 times
10	Minimum load	5W

Switch and gateway synchronization

Scan the QR code to download the LIVOLO APP

ANDROID APP DOWNLOAD

iOS APP DOWNLOAD

Network Pairing Instructions

Step 1:

Firstly complete the gateway network pairing. Please refer to the gateway manual for details about the gateway network pairing method.

Step 2:

Open the Livolo APP to the "Device" page, click the "+" button in the upper right corner, go to the "Add Device" page.

Step 3:

Single Switch Network Pairing Instructions

Select the "Touch Switch" device.Press and hold the switch button for 5S according to the APP guide. When hearing a beep, and the indicator light flashes alternately in red and blue, click "Next" on the APP, wait until the pairing progress bar reaches 100%, and click "Finished" after completing the naming, then the pairing is succeeded.

Batch Switches Network Pairing Instructions

1.Select the devices that need to be paired in the "Unbound device" column. The selected devices' indicator light will flash red and blue alternately. If the device selection is canceled or the "Add Device" interface is exited, the device indicator light will return to constant light.

2.Click the "Binding" button in the upper right corner to enter the batch devices network pairing interface. Unpaired devices are shown as grey. It will display white when the pairing is successful.

3.Press and hold the switch button for 5S, when hearing a "beep", wait for the device on the APP to display as white, which means that the device binding is successful. Then repeat this operation to bind other devices. When all devices are paired, click the "Finished" button.

Cancellation instruction

The methods to cancel the network synchronization: delete the device through the APP, or press and hold the switch for 10S after hearing two times beep;then the device will be deleted (if press and hold for 13S, the unpairing will be cancelled). After the device is successfully deleted, the indicator light will flash once every 3S.

Function Instructions

Remote pairing

Press and hold the touch button for 5S, when hearing the sound of "beep" and the indicator light flashes red and blue alternately, press the button on the remote controlwhen hearing a "beep" sound and the indicator light stop flash and is on, the pairing is complete. Press the button on the remote control again, and the on/off status of the product changes, which means pairing is succeeded.

Single remote control code deletion

Press and hold the touch button for 5S, when hearing the sound of "beep" and the indicator light flashes red and blue alternately, press the button X on the remote controlwhen hearing two beeps sound and the indicator light stop flash and is on, the binding is deleted. Press the button X on the remote control again, the on/off status of the switch do not change, that means the remote control code is cancel.

The entire remote control codes deletion

Press and hold the switch button for 10Swhen hearing two beeps sound(the first beep in 5th second, and the second in 10th second),release the switch, and all the remote controls on this switch button will be unbound. Repeat the operation for other buttons to unbind the remote control codes of the entire switch.

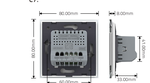
Precautions

One switch button can be paired up to 8 remote control codes.

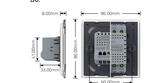
The EC smart devices will pair with the gateway first.After the device is paired with a gateway, all remote controls will be unbound, and no remote control operations will be possible. After the gateway is unbound, the remote control can be paired again.

Range of Application:

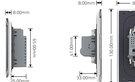
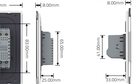
C7:



B6:



A8:



C9: