



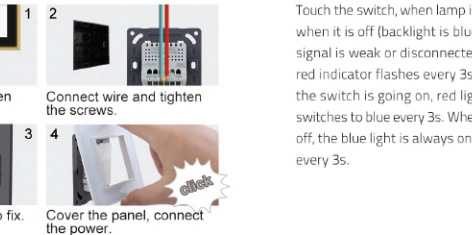
Zigbee adaptive dimmer switch manual

<http://www.livolo.com>

Installation Considerations

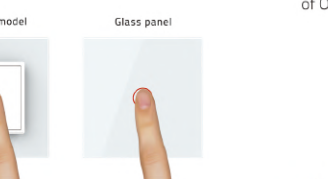
1. Be sure to turn off the power before installation.
2. Wiring should be done in strict accordance to the wiring diagrams.
3. The total current on the switch must not exceed 2A.
4. The distance between the mounting screw holes is 60mm, and the diameter of mounting box should be at least 72mm, and the depth of mounting box is 65mm.

Installation instructions:

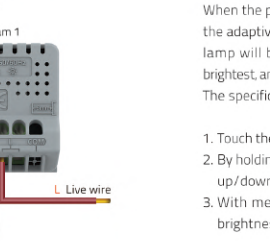


Basic Function

Touch the switch, when lamp is on (backlight is red), when it is off (backlight is blue). When the ZigBee signal is weak or disconnected from the gateway red indicator flashes every 3s. For example when the switch is going on, red light is always on and switches to blue every 3s. When the switch is going off, the blue light is always on and switches to red every 3s.



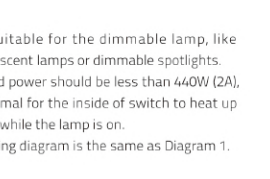
Wiring Instructions of One Way Switch:



Dimmer Switch Instruction:

When the product is powered on, the lamp enters the adaptive mode (the indicator light is blue), the lamp will be adjusted from the darkest to the brightest, and then from the brightest to the darkest. The specific operations are as follows:

1. Touch the gang briefly to switch the lamp on/off.
2. By holding the gang, the lamp will gradually dim up/down.
3. With memory function, it will remember the brightness of the last operation.



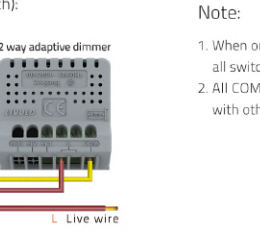
Wiring Instructions of Two Way Switch

Synchronizing instructions:
 Step 1: Hold a gang of the switch 10s, let go when you hear a "Di" sound or if the backlight flashes, release your finger.
 Step 2: Touch the other switch, when the backlight flashes, it means the synchronization was successfully completed.

Cancel synchronization instruction:

Hold the gang of the switch 15s.

The Wiring Diagram of Two Way Switch (Intermediate Switch):



Note:

1. When one two way switch connect with others, all switches should connect to the live line.
2. All COM ports should be connected together with others.

ZigBee Switch and gateway synchronization

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Dimmer Switch Specifications

No.	Technical index	Requirements
1	Size	45.1mm*45.1mm*42.6mm (Hole-cut glass version) 46.5mm*46.5mm*36.75mm (Full glass version)
2	Voltage	100-240V~ 50/60Hz
3	Status indicator	Two-color LED light + buzzer
4	Max electrical current	no more than 2A total
5	Operation environment	-10°C - + 40°C

No.	Technical index	Requirements
6	Zigbee communication protocol	Zigbee ZHA
7	Over-temperature protection	✓
8	Inflaming retarding shell	✓
9	Two way function	✓
10	Longevity	30,000 times
11	Min load	10W

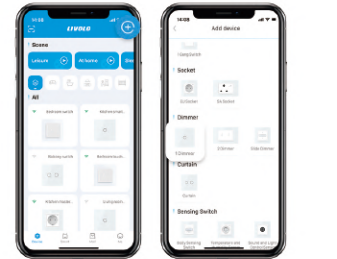
Description of Zigbee Pairing:

Step 1:

Please complete the gateway distribution network work before switch configuration, the details of the gateway distribution method, please refer to the gateway manual.

Step 2:

Open the livolo APP and click the "Device" icon, click on the "+" button in the upper right corner. Select the "adaptive dimmer" device according to



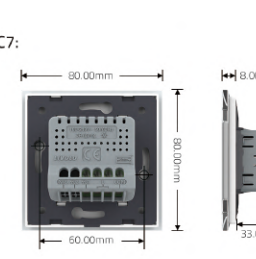
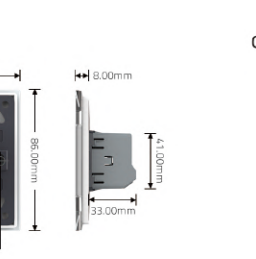
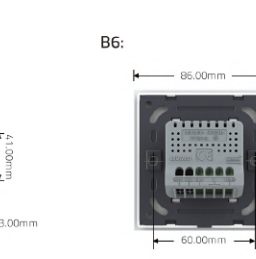
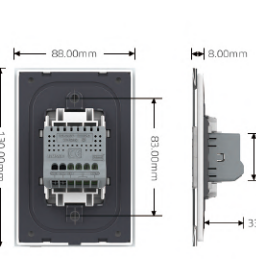
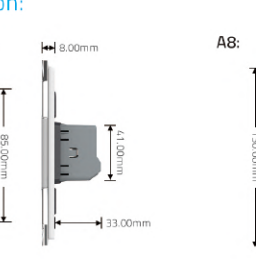
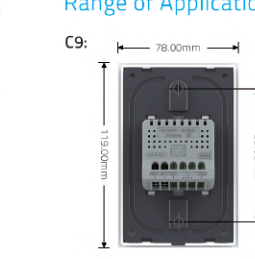
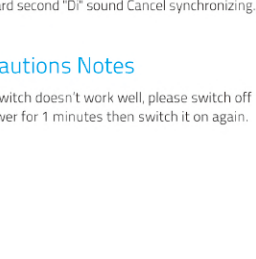
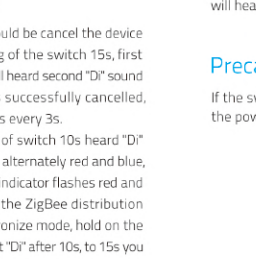
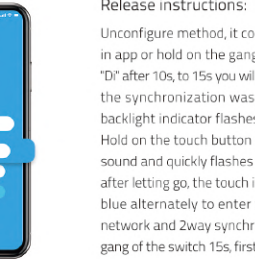
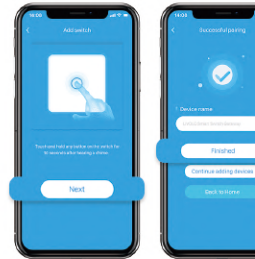
Step 3:

Hold the touch button for 10S according to app guidance. When the buzzer sounds a "Di", the indicator flashes red and blue alternately. Click the button "next" When the pairing progress bar reaches 100%, click the "Finished" switch after the naming is complete.

Release instructions:

Unconfigure method, it could be cancel the device in app or hold on the gang of the switch 15s, first "Di" after 10s, to 15s you will heard second "Di" sound the synchronization was successfully cancelled, backlight indicator flashes every 3s.

Hold on the touch button of switch 10s heard "Di" sound and quickly flashes alternately red and blue, after letting go, the touch indicator flashes red and blue alternately to enter the ZigBee distribution network and 2way synchronize mode, hold on the gang of the switch 15s, first "Di" after 10s, to 15s you



Precautions Notes

If the switch doesn't work well, please switch off the power for 1 minutes then switch it on again.

will heard second "Di" sound Cancel synchronizing.

Range of Application:

