

# Smart Home HSH1C Dimmable Controller Instruction Manual

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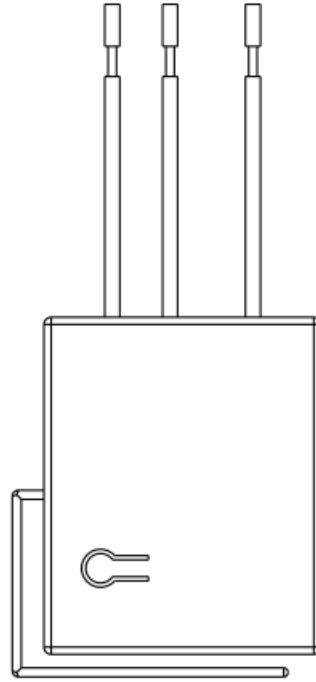
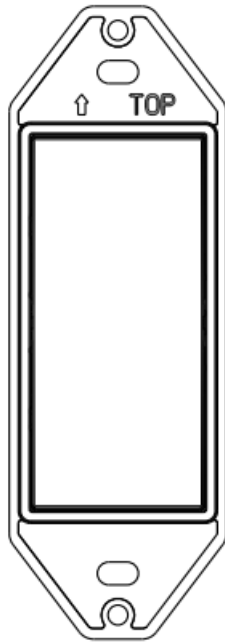
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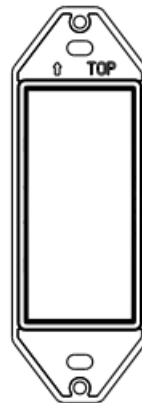
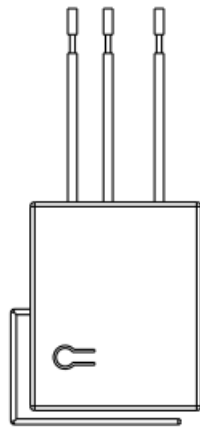
SMART HOME

**Smart Home HSH1C Dimmable Controller**



## Introduction

HSH1C smart dimming controller can be controlled with HSH1 S wireless kinetic switch, no battery is needed during use. It has WIFI module inside, so can be controlled remotely with mobile APP, and also can use voice control with Amazon Alexa.



HSH1C Dimming Controller

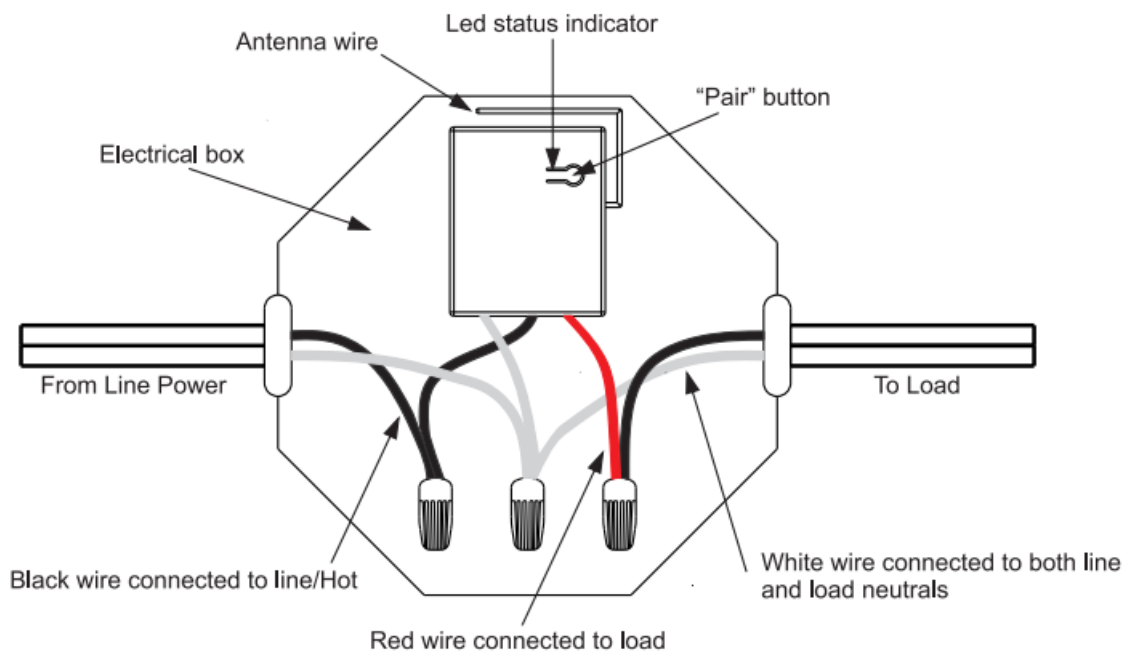
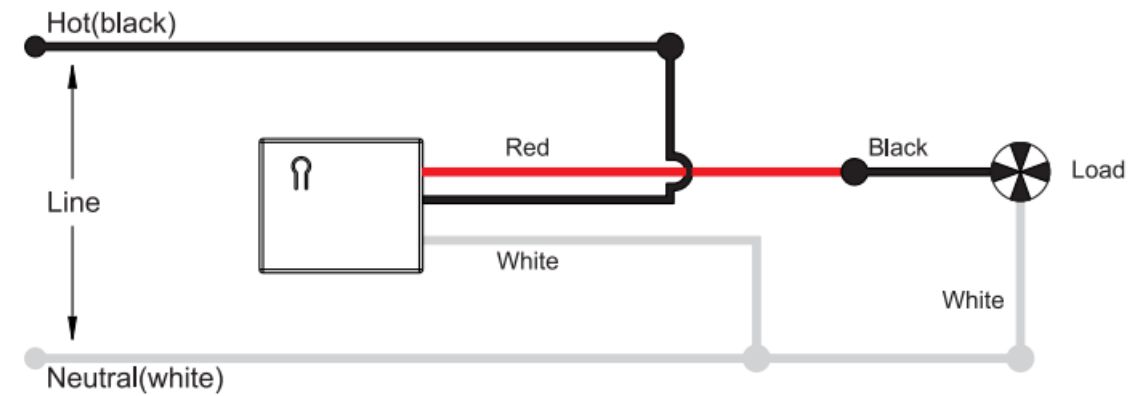
HSH1S Kinetic Switch

## Product parameters

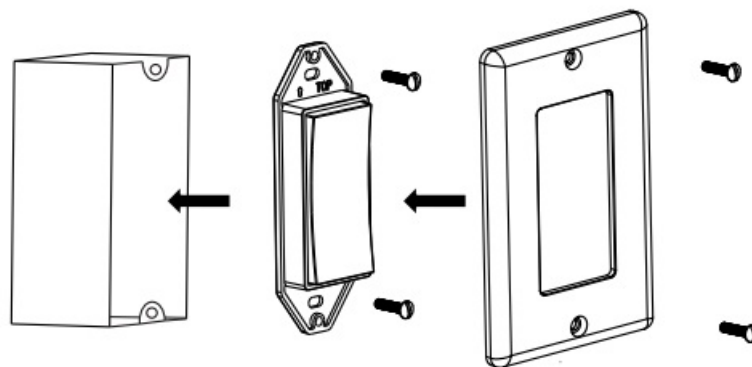
- Controller Model: HSH1C
- Kinetic Switch: HSH1S
- Rated Voltage: 85-125V 50/60Hz 1A
- Rated Power: Max. LED Lighting Load: 100W
- Wireless Communication: WiFi2.4GHz/5GHz & RF902 MHz
- Control distance: 15m(Outdoor) 10m(indoor)
- Sensitivity: -110dBm
- Storage Capacity: Maximum 10 switch keys can be paired Dimming controller dimensions: L56\*W46\*H20.5mm
- Kinetic switch dimensions: L 105\*W36\*H17mm

## Installation

### Controller



### HSH1S Kinetic Switch

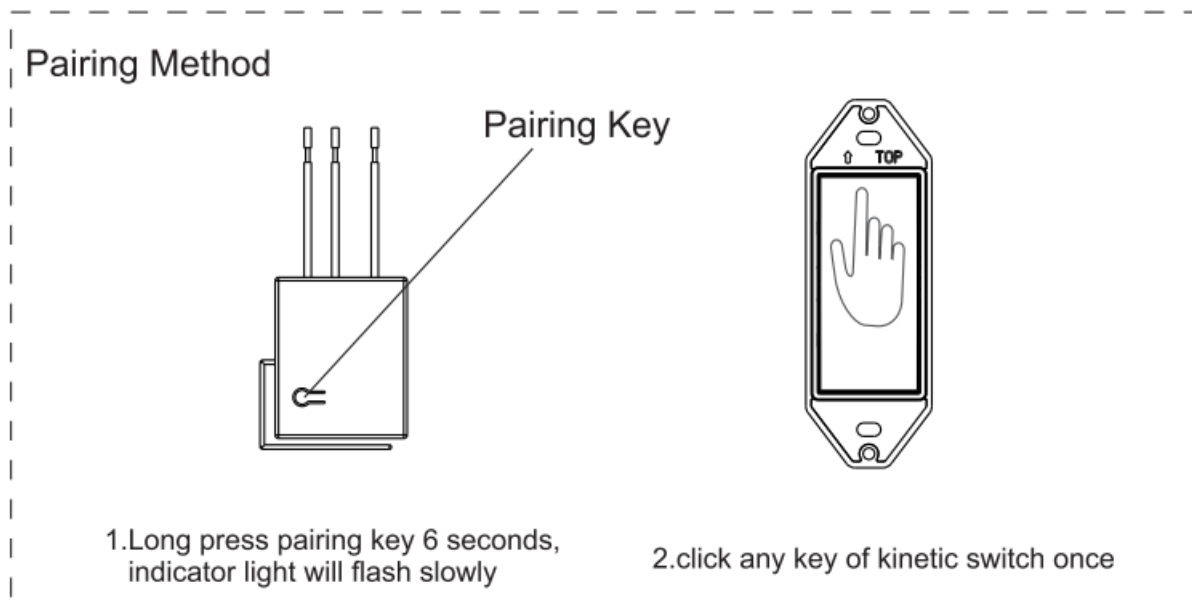


1. Mount the base plate on the wire box or wall
2. Ad here the wireless kinetic switch to the base plate

## Pairing Method

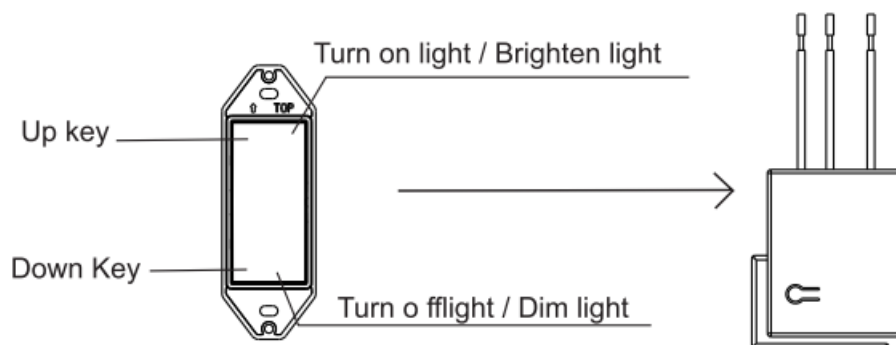
At the factory, the controller and switch have been paired with one-to-one default. In some cases, you need to re-pair the controller and kinetic energy switch. Methods as below.

1. Power on the dimming controller, and then keep pressing the pairing key about 6 seconds, when the indicator light flash slowly (flash 1 time per second), then release the key, and the controller is ready for pairing. You can also click the "pairing" button in the app to make device enter pairing mode.
2. At this time, press any button of the kinetic energy switch once (do not press several times). If the indicator light is off, it means that pairing is successful.
3. If need to pair with multiple switches, repeat the above procedure. Please note one controller can be paired with maximum 10 switches.
4. After pairing, you can press the kinetic energy switch to control dimming controller. If controller is not connected with loads, you can know controller status by the indicator light status (on/off).



## Control Method

After pairing, one kinetic switch can control one dimming controller, short press Up key to turn on light, short press Down key to turn off light; long press Up key to brighten light, long press Down key to dim light :



## Clear Pairing

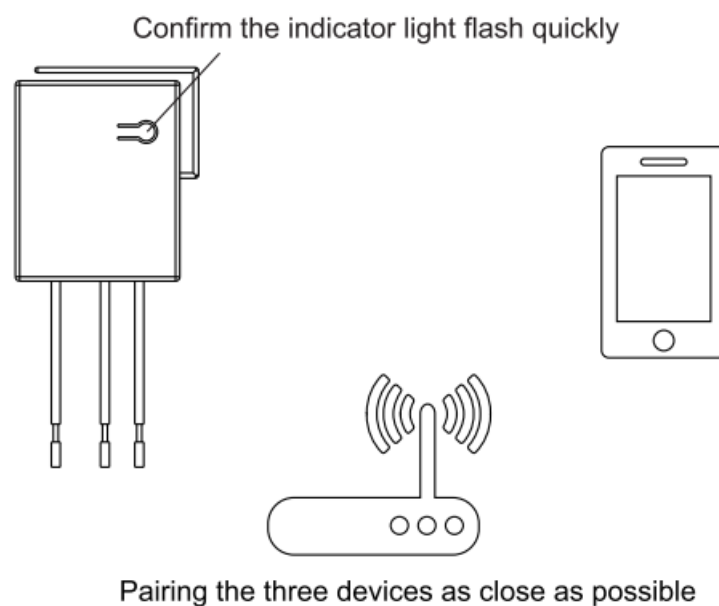
1. if you need to clear pairing of switch and controller. You should keep pressing the pairing key 1 2 seconds until the light changes from blinking to steady light and then goes out. Or click on the “Clear Pairing” button in the app.
2. After clearing the pairing, the kinetic switch will no longer control the controller, but can be paired again.

## APP download

This controller can use mobile APP for remote control. Search Kinetic switch” in App Store or Google Play and download, or scan below QR code to download.

## Connect WIFI Method

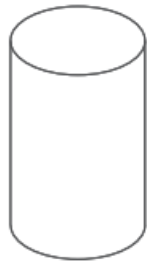
1. Use mobile phone to download the APP and follow the prompts to register your account in the APP.
2. Power on the controller, and confirm the indicator light flashes quickly (twice per second ).If the indicator light is not flashing quickly, press and hold pairing key about 10 seconds.the indicator light will flash from slowly to stay on, release pairing key when the indicator light stay on. After 3 seconds.the indicator light will flash quickly(twice per second),which means that controller is ready for WIFI connection.
3. Click the”+” button in top right corner of APP, and then select “Single dimming controller”.
4. Then click “confirm indicator light rapidly blink” and enter password of WIFI, it starts to connect. If the indicator light goes off, which means APP connect successfully and you can find the device in the home page of APP.
5. After the pairing with network, so can use APP to turn on/off light or adjust brightness. Also, you can use mobile app for remote control, timed control and scene control.
6. If you need to replace the router, you need to delete all the devices in the app, and then re-add each device to your account once in the new router.



## ECHO

1. In the Kinetic Switch APP, rename the controller devices, such as bedroom lights.
2. Add the SmartLife skill in Alexa APP, and log in by using the account and password of the Kinetic Switch APP.

3. Discover the device in the smart application selection in the Alexa APP.
4. Now you can control and controller with voice.



“Alexa, turn on/off bedroom light”

“Alexa, bright bedroom light”

## Instruction of Dimming Function

1. HSH1C Dimmable Controller uses MOS components. Support incandescent lamp, tungsten lamp and mostly LED lamp which supports TRIAC or MOS dimming. If flickering occurs during dimming, replace the compatible lamp. Segmented dimmers and lamps with dimmers are not supported.
2. This controller only can be paired with HSH1S Kinetic Switch After pairing, long press Up key of kinetic switch to brighten light, and it will stop brightening when brightness reach maximum brightness. Long press Down key of kinetic switch to dim light, and it will stop dimming when brightness reach minimum brightness.

## Troubleshooting

1. WIFI connection failed

Troubleshooting method: Please confirm the indicator light is blink rapidly (twice per second); If not blink rapidly, please set the indicator light to blink rapidly according to connect WIFI method. Let router, controller and mobile phone as close as possible (within 5 meters)

2. The controller is off line in APP

Troubleshooting method: Maybe the number of the router connection over the maximum. Usually, only 15 devices can be connected with Common router, please upgrade router and close devices not needed.

3. Controller can not work after power on

Troubleshooting method: If the loads exceed the rated current or short circuit, the fuse may blow. Please check the loads if suitable.

4. When the load is LED lamp, the lamp will flash during dimming Troubleshooting method: Please check the parameters of LED lamp, and confirm, that it can support TRIAC dimming or MOS dimming. If it does not support, please replace the suitable lamp.

## Warning

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on,


the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. “Please note that changes or modifications of this product is not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.” This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

**Documents / Resources**

	<a href="#">Smart Home HSH1C Dimmable Controller</a> [pdf] Instruction Manual HSH1S, 2A6R8-HSH1S, 2A6R8HSH1S, HSH1S Kinetic Switch, Dimmable Controller, HSH1C Dimmable Controller
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