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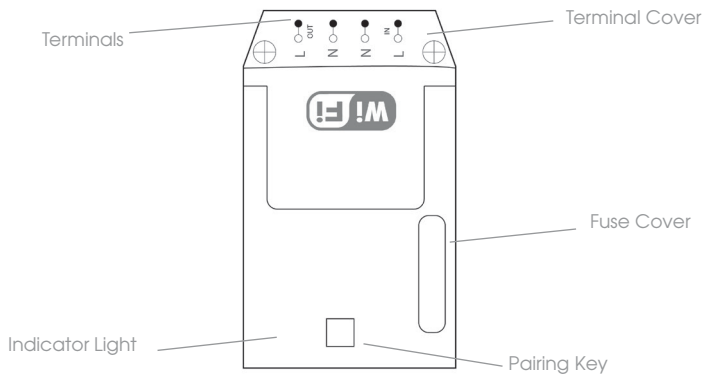
KINETIC SWITCH INSTRUCTION MANUAL





INTRODUCTION

The Sycamore dimming receiver controller can pair with the Sycamore Kinetic switch to control light on/off/dimming. A WiFi module is available, so you can use a mobile app to control the lights. The switch can also be adjusted using voice control as the device is compatible with Amazon Alexa™ and Google Home™.



PRODUCT PARAMETERS

PRODUCT NAME: Single dimming controller

Working Temperature: -20°-55°C

Control Distance: 160m(outdoor), 30m(indoor)

Sensitivity: -110dBm

Voltage Range: 100-240V 50/60Hz

Rated Power: 100W

Dimensions: L70*W44*H29mm

Wireless Communication: WiFi 2.4G & RF 433Mhz

Storage Capacity: Maximum 10 switch keys can be paired

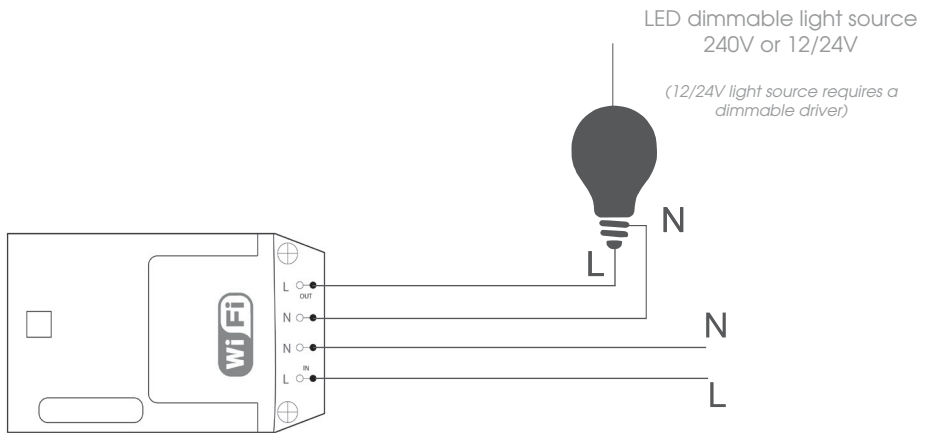
Executive Standard: EN61058-1; 2002+A2; 2008; GB 14536.1-2008

Notice: The effective distance is measured by Sycamore laboratory. In the actual use, it may vary due to environmental changes.





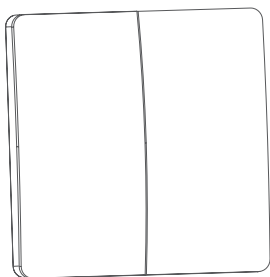
Connection and Installation





INSTRUCTION OF DIMMING FUNCTION

1. The controller uses TRIAC components. Loads only support lamps which support TRIAC dimming,
2. This controller can only pair with push button switch: after pairing is successful, a long press on the push button switch will adjust lamp brightness. Release the switch when brightness reaches your desired percentage. Also can use mobile app or Alexa voice control to adjust lamp brightness.
3. This controller has a brightness memory function. When the lamp is turned on again, it maintains the last brightness of the lamp. If paired with multiple switches, this controller can memorise the brightness of each switch.
4. If you long press the key switch, the controller dims from the darkest to brightest for 2 cycles and will stop dimming once the maximum brightness has been reached after 2 cycles.
5. Long press to adjust the lamp brightness, if the interval time between 2 actions of long pressing is less than 1 second, the dimming direction (dim or brighten) will be reversed.



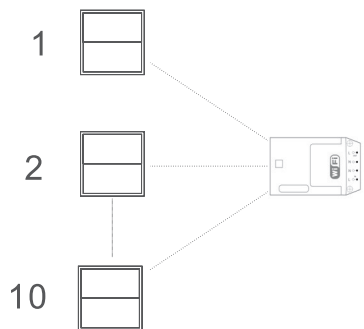
Long press dimming - if action is brightening, long press again within 1 second to change action to dim direction instead. If action is dimming, long press again within 1 second to change to brightening.



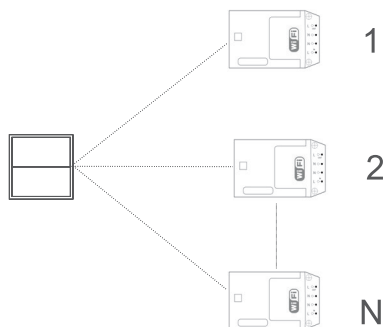


COMBINATION METHOD

This controller can pair with a kinetic energy switch freely, it can form two modules: one control - multi and multi control one.



Multi Control One
(maximum 10 switch keys control
one controller)



One Control Multi
(once switch key can control multi-
ple controllers, no limits)

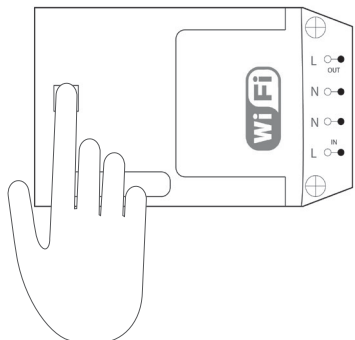
ORDINARY PAIRING METHOD

1. Connect the controller's input to the power supply, press controller "pairing key" for 3 seconds, release when indicator light flashes slowly (flashes once per second)
2. Press the selected kinetic energy switch once (do not press several times continuously), when the indicator light goes off it means pairing is successful.
3. If you need to pair the multiple switches, repeat the above procedure. Please note one controller can be paired with a maximum of 10 switches.
4. After the pairing is successful, press the kinetic switch to control the controller. In the case of no connected loads, the status of the controller is shown by the on/off of the indicator light.

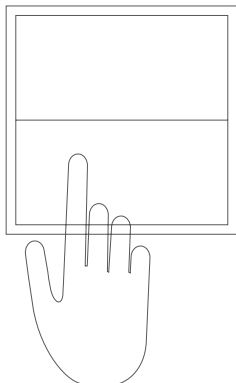




ORDINARY PAIRING METHOD



1. Press for 3 seconds,
and the indicator light
flashes slowly



2. Press the kinetic
switch once

DIRECTIONAL PAIRING (not common use)

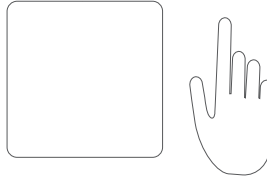
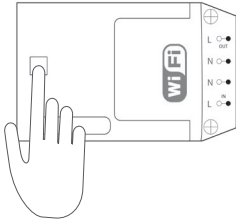
This is used in order to meet the users usage habit of the switch and to ensure synchronisation of one control multi-mode.

1. Connect the controller's input to the power supply, press the controller "pairing key" for around 3 seconds, release when indicator light flashes slowly (flashes once per second).
2. Press the push button switch left or right key twice (within 0.5 seconds), and the indicator light will go off, meaning the pairing is successful.
3. After pairing is successful, left key if OFF and right key in ON. Long press the left key is dimming and right key is brighten.

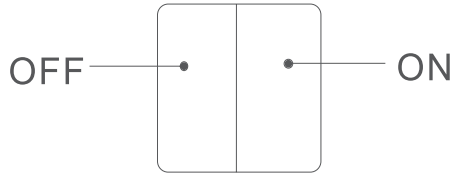




DIRECTIONAL PAIRING OF PUSH BUTTON (ONLY SUPPORTS 2 KEYS OR 6 KEYS)



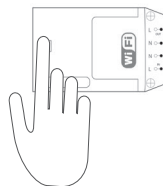
1. Press for 3 seconds and the indicator light will flash slowly.



3. After pairing is successful, the left key is OFF and the right Key is ON

CLEAR PAIRING

1. If you need to clear pairing of switch and controller, long press the controller "pairing key" for around 12 seconds, the indicator light will flash from slowly to quickly. After indicator light is off it means that all paired switch information is cleared. If you need to use this controller again, please pair



Press for 12 seconds, then the indicator light will start flashing from slowly to quickly.



APP DOWNLOAD

This controller can be used via a mobile app.

Search "Kinetic Switch" in the App store or via Google play or scan the QR code below.



iOS



Android

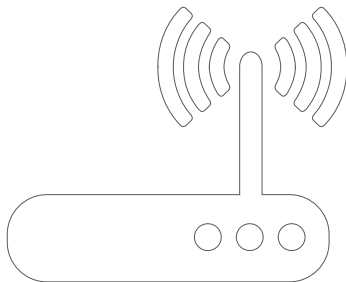
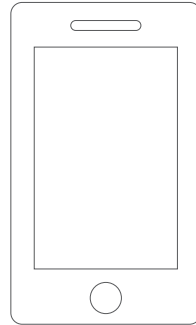
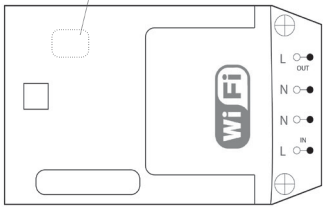
CONNECT WIFI METHOD

1. Use your mobile phone to download the app and follow the prompts to register your account.
2. Power on the controller, and confirm the indicator light is flashing quickly (twice per second). If the indicator lights is not flashing quickly, keep pressing the "pairing key" for around 10 seconds, the indicator light will flash from slow to fast to still, release when the indicator light is still. Then wait for 3 seconds and the indicator light will flash quickly (twice per second).
3. Click "add device" in the app and select model "Single dimming controller".
4. Then click "confirm indicator light rapidly blink" and enter password for WiFi, it will the connect. The indicator light will then go off, meaning the app connection is successful.
5. After the pairing with the network is successful, you can use the mobile app to remote control, scene control and use timed control.



6. If the WiFi router is changed or password is changed, please repeat from step 2.

Confirm the indicator light flashes quickly



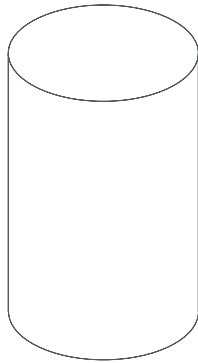
When pairing the three devices, make sure they are as close as possible





ECHO

1. In the Kinetic Switch app, rename the controller devices (such as bedroom lights etc).
2. Add the skill SMartLife 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.

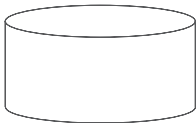


"Alexa, turn off bedroom lights"

"Alexa, brighten bedroom lights"

Google Home

1. In the Google Home app Tap Account > Settings > More Settings > Home Control
2. Then (+) and select "Smart Life" and log in by using the account and password of the Kinetic Switch app. Link to Kinetic Switch app.
3. Choose the Device you wish to control which should match the Kinetic Switch app and assign to a "home"
4. Discover the device in the Google Home App.



OK Google, turn off bedroom lights"

"OK Google, brighten bedroom lights to 100%"

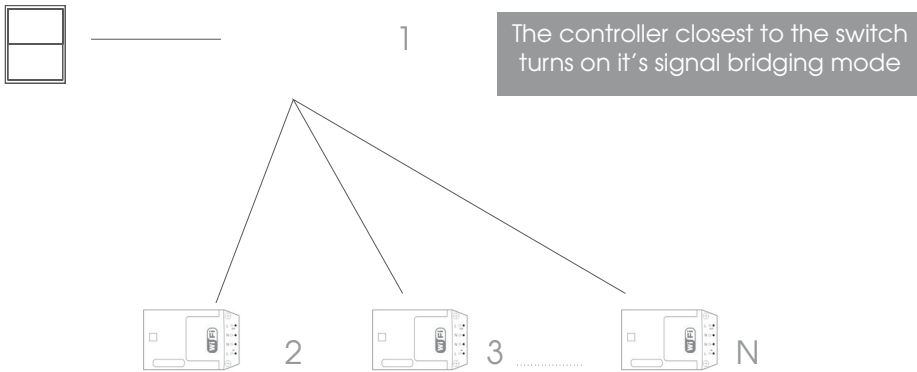




BRIDGING MODE

Under the one-to-multi mode control, when the distance is long or there is multiple walls between the switch and the controller, the signal will be weaker and the control may not be effective.

1. As per diagram, pair all controller first with the switch. Then turn on the bridging mode of the controller closest to the switch.
2. Long press the controller 1 "pairing key" for 7 seconds, as you let the go the indicator light will flash quickly. The lights will flash once every 2 seconds meaning the controller bridging mode is open.
3. When the bridging mode is on, the controller will enhance the switch signal to controller 2 - controller N to prevent the loss of signal.



Controllers that are further away from the switch or controllers that have a multi-layer wall spacing from the switch





TROUBLE SHOOTING

1. WiFi failed internet pairing

Trouble shooting method: please confirm the indicator lights is blinking rapidly (twice per second); If not blinking rapidly according to connect WiFi method.

Let router, controller and mobile phone as close as possible (within 5M).

2. The controller is off line in app

Trouble shooting method: It may be the router connections quantity reaches the upper limit. a common router can connect a maximum of 15 devices, please update router and close devices which are not needed.

3. Controller will not work after it is powered on

Trouble shooting method: if the loads exceed the rate current or short circuit, the fuse may blow. Please first exclude the short circuit, open the insurance cover and replace the same specification fuse.

4. When the load is using and LED lamp, the lamp will flash during dimming

Trouble shooting method: please check the parameters of the LED lamp to confirm that it can support TRIAC dimming method. If it does not support, then please replace the lamp with one that does.





CERTIFICATE INSPECTED

Statement: Wireless kinetic energy switch is a product of Shenzhen EBELONG Technology Co. Ltd. The product specification and information is for reference only. Update of content will not be further notified. Except for special agreement, information from this manual shall not constitute any form of responsibility. Without written approval from Shenzhen EBELONG Technology Co., Ltd, no unit is allowed to copy, translate any content from this manual, and shall not in any forms or by any means (electronic, mechanical photocopying, recording etc) diffuse product information for commercial profit purpose.

