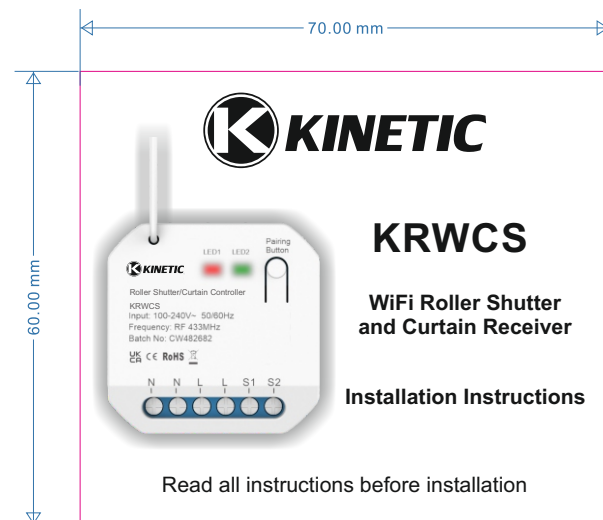


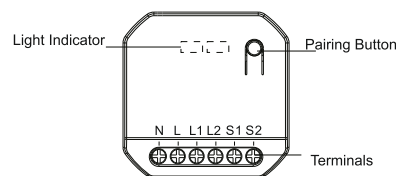
KRWCS Instructions



Product Description

The Kinetic Roller Shutter & Curtain receiving controller has a 1.7A inductive load and supports WiFi 2.4Ghz and RF 433MHz to control roller shutters or curtains by kinetic switches or phone APP. It has a hardwired switch input interface, which supports the traditional shutter/curtain switches for dual or multiple control.

It can be mounted in the ceiling, wall and electrical socket box. Using the Kinetic Switch APP it can be voice controlled with scene and timing control.

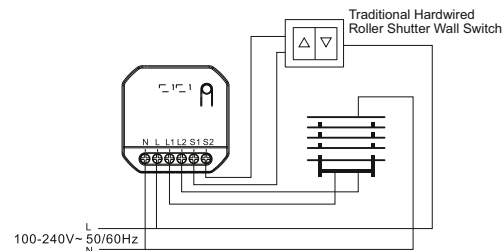


Specifications

Voltage range: AC100-240V 50/60Hz
 Working environment temperature: -20°C ~ +55°C
 Control distance: 80m outdoor, 30m indoor*
 Communication Channels: Dual Channel with LED Indicators (Red & Green)
 Control method: WiFi through Device APP (search "Kinetic Switch" in store) and pairing with Quinetic Wireless Switch (see instructions)
 Capacity: Up to 10 switches can be paired with each channel of the controller
 Communication Way: WiFi IEEE 802.11 b/g/n 2.4G & RF 433MHz
 Standby Power Consumption: <1W
 Wiring Method: Screw Terminals
 Control Load: 1.7A (Inductive Load)
 Maximum Load: Inductive Load 374W (220V~ Input)
 Product Size: L44*W44*H22mm
 3 Year Warranty

*Distance comes from Kinetic laboratory test results. The actual distance in practical use might vary due to environmental difference.

Wiring Diagram & Terminals:

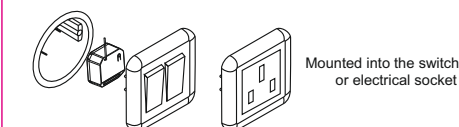


N: Neutral Input Terminals
 L: Live Input Terminals
 L1: Motor Forward Output
 L2: Motor Reverse Output
 S1: Forward Hardwired Switch Input (Curtains Open)
 S2: Reverse Hardwired Switch Input (Curtains Closed)
Note:
 Supports retractive/push-to-make type traditional hardwired switches only.

Installation

1. Ensure that the power is turned off before installation.
2. The roller shutter and curtains receiving controller line input should be connected using live and neutral cables from mains.
3. Output lines should be connected to the load using cable rating suitable for 100-240V depending on voltage at site.
4. It can be mounted in the ceiling, wall or electrical socket box.
5. If installed in a ceiling void it is recommended to use a junction box in order to avoid exposure to electrical terminals.

Installation Locations



Switch Control Method

The KRWCS receiver can be controlled by **2 gang** or **3 gang** wireless Kinetic retractive switches, phone APP and also the existing hardwired switches.
 When pairing with a **2 gang switch**, the left button controls L1 by default and the right button controls L2 by default.
 When pairing with a **3 gang switch** the middle button will be the pause button by default.
 Press a button to switch between the two states of rotation and stop. If the button in the opposite direction is pressed during the rotation, it will stop for 1 second and then reverse the rotation.

Kinetic Switch APP Download:

The free Kinetic Switch App is required to operate your WiFi controller. Ensure your iOS / Android device is connected to the internet using a Wi-Fi network.

Method 1:

1. Open the App store/Google Play on your phone.
2. Search for "**Kinetic Switch**" in the App store or Google Play.
3. Download the Kinetic Switch App to your phone.

Method 2:

Download the app using the QR code below:

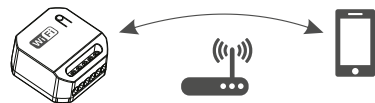


Device Pairing with the APP:

The initial setup must be performed using your 2.4Ghz Wi-Fi network (5Ghz WiFi is not supported). Both the phone and the controller must connect to your network.

1. After downloading the APP follow the prompts to register the account.
2. Turn on the power to the controller and the red indicator light will flash rapidly. If the light flashes differently or if you want to **reset the controller** press the pairing button for 10 seconds - the light will change from slow flashing to fast flashing to still. Release the button.

3. Open the "My Home" page of the Kinetic Switch App, and click "+" on the upper right of the page.
4. Click "Curtain Control", select "WiFi Roller Shutter Controller (RF+WiFi)" and follow the instructions.
5. After successfully adding the receiver to the APP you can find the device in the "My Home" list. Roller Shutters or Curtains can be controlled through the App from anywhere in the world and smart scenes can be set.



Use Amazon Alexa/Google Home to control your Roller Shutter and Curtain Controller

Note: We would recommend naming the devices in your Kinetic Switch App something that is easy for Alexa or Google Home to understand. In order to integrate the Kinetic Switch app with Amazon Alexa/Google Home you need:

- 1) Amazon Alexa APP / Google Home APP
- 2) Amazon Alexa / Google Home account (users need to register their own account)
- 3) Echo, Echo Dot, Tap or other Amazon voice-operated devices.
- 4) Google Home, Google Home Mini or other Google voice-operated devices.

Enable Smart Life skill/action in your Alexa / Google Home APP

Search for "Smart Life" skill and add it to the Alexa APP "Smart Home" skills. For Google Home search for "Smart Life" action and add it to Home Control. Enable the skill/action in your Alexa / Google APP and input the username and password used to register the Kinetic switch APP to link it with Alexa/Google APP. Voice control can be used now to control the Wifi device such as: "Alexa/Ok Google, open/close the [shutter/curtain]" "Alexa/Ok Google, set [shutter/curtain] to 50 percent"

WiFi Controller Switch Pairing Method:

Kinetic WiFi Roller Shutter & Curtain receiving controller and Kinetic wireless switches can be paired with any combination: a controller can be operated by a maximum of 10 separate switches per channel, a switch can pair an unlimited number of controllers.

App Method

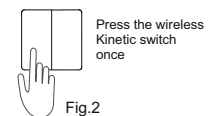
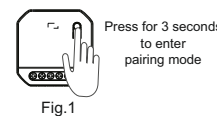
Enter the App page, click "Pairing" -> "Start Pairing". After the App page displays "waiting for pairing", press any button of the 2 or 3 gang wireless Kinetic switch that needs to be paired. This will complete the pairing. The App will prompt "Pairing succeeded" after the pairing is completed.

Traditional Hardwired Switch Method

After the receiver is powered on (within 2 minutes), press the hardwired switch for 5 times (within 2 seconds). The shutter/curtain motor opens for one second and closes for one second (cycle twice), indicating pairing mode. At this time, press the wireless kinetic switch once to complete the pairing. If the receiver is powered on for more than 2 minutes it cannot enter the pairing mode through traditional switch.

Physical Kinetic Wireless Switch Method

1. Press the pairing button for 3 seconds and the indicator light begins to flash slowly. Release the button to enter the waiting for pairing state. (Fig.1)
2. Press any gang of the wireless kinetic energy switch and the indicator light of the controller will go out, which means that the pairing is successful. (Fig.2)



3. If you need to add more switches to the same controller please repeat the above process; each controller can store up to 10 switches.
4. The range of a switch may be extended by putting the controller in "**Bridging Mode**". In order to put the controller in bridging mode press the function button for 7 seconds until the red LED light changes from slow to fast flashing and release the button. The red LED will start flashing once every 2 seconds to indicate the successful bridging.
5. To disable the bridge mode, repeat the above steps.
6. If the controller indicator light continues to pulse the controller will still function normally even if used with a Quinetic switch.

Reset Procedure:

To reset the controller press function button for 10 seconds until the indicator light changes from flashing to still and release the button. The indicator light will enter fast flashing mode and the device will be removed from the APP and reset.

Pairing with the APP in AP Mode

The default configuration mode of the receiver is EZ mode (the light flashes quickly, twice per second). **When pairing is not successful in EZ mode, you can enter the AP mode.**

- The steps to switch to AP mode are as follows:
1. Press the button for 4 times (within 1 second) in EZ mode.
 2. Wait for 5 seconds and the receiver will switch to AP mode.
 3. In AP mode the light will flash slowly, turning off once every two seconds.
 4. To switch from AP mode back to EZ mode, press the button for 10 seconds. The indicator light will flash quickly then still. When the light is still release the button.

Once the AP mode is activated open the "My Home" page of the Kinetic Switch App, and click "+" on the upper right of the page. Click "Curtain Control", select "WiFi Roller Shutter Controller (RF+WiFi)" and then enter the WiFi account password.

On the next page tap "EZ Mode" on the upper right corner and and **select "AP Mode"** from the drop down list.

Follow the APP instructions to pair and operate the receiver.

Clear Pairing Information:

App Method

Enter the App page, click "Pairing" -> "Clear Pairing", and select the corresponding channel. After the clearing is completed, App will prompt "Clearing Successful".

Physical button Method

To remove the controller stored pairing information press function button for ~15 seconds until the indicator light goes out - the pairing information will be cleared.

Precautions:

1. The wiring must be done in accordance with the method of installation illustrated. Damage caused by incorrect installation and operation are not covered under warranty.
2. Please note the maximum load of an individual controller. Exceeding this maximum will result in damaging the controller.
3. Do not short-circuit, it will cause permanent damage to the receiving controller.

Troubleshooting:

1. If pairing does not work, first check if the indicator is lit. Re-pair in case the pairing is lost after power failure.
2. If the receiver does not respond check the LED indicator. If this does not light check the power supply.

Dimensions:

