

Product Description

The Quinetic RGBW LED Tape Controller supports both Wi-Fi and RF433 MHz connectivity. It can be managed using the "Quinetic" APP to adjust color, color temperature, and brightness for RGBW LED strips. Additionally, the wireless kinetic switch allows for ON/OFF control and dimming. Designed for installation in switch boxes and ceilings, the controller also supports voice commands via smart speakers like Google Assistant and Amazon Alexa, enabling convenient hands-free control of power, brightness, and color.

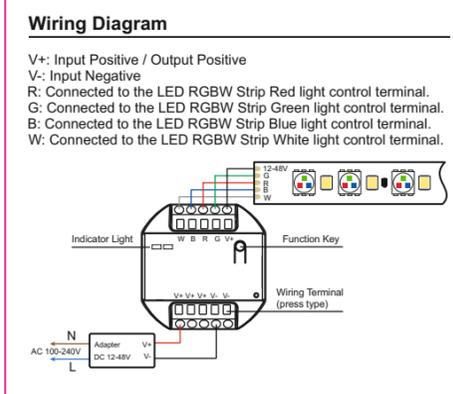
Specifications

Power Supply: DC 12-48V
 Output Channel: 4 Channels (RGBW)
 Operation Current: 3A/One Channel
 Maximum Output Power: 12V Input - 144W (Total Channels)
 48V Input - 300W (Total Channels)
 Dimming Range: 0-100%
 Control Range: 80m (Outdoor) / 30m (Indoor)
 Operational Temperature: -20°C ~ +55°C

Storage Capacity: Up to 10 Wireless Kinetic Switches info
 Control method: WiFi control via the Quinetic app (available on app stores) and pairing with Quinetic Wireless Switch (see instructions)
 Communication Way: WiFi IEEE 802.11 b/g/n 2.4G & RF 433MHz
 Wiring Method: Push-In Terminal
 Lamp Type: LED RGBW Strip
 Product Dimension: L52*W52*H23mm
 RF Receiving Sensitivity: -110dBm
 IP Rating: IP20
 Warranty: 3 years

ConfigPro Compatible

*Distance is based on Quinetic laboratory test results. Actual performance may vary in real-world conditions due to environmental factors or the presence of metal plates or structures near or between Quinetic devices.
 **Maximum load rating may vary depending on manufacturers specifications.



Installation Locations

Quinetic APP Download:

The free Quinetic 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 "Quinetic" in the App store or Google Play.
3. Download the Quinetic App to your phone.

Method 2:
 Or you can 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. Connect power to the controller and the red indicator light will start flashing quickly.

Note: 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. The indicator light will start flashing quickly now.

3. Open the "My Home" page of the Quinetic App, and tap the "+" sign in the upper right corner or select "Add device" then chose the appropriate device model.
4. Follow the displayed instructions.
5. After successfully adding the receiver to the APP you can find the device in the "My Home" list. Lights can be controlled through the App from anywhere in the world and smart scenes can be set.

Using Amazon Alexa/Google Home to control your Mini Wi-Fi Controller

Note: We would recommend naming the devices in your Quinetic App something that is easy for Alexa or Google Home to understand.

In order to integrate the Quinetic app with Amazon Alexa or 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 Quinetic skill for voice control

To control Quinetic devices using third-party voice assistants like Alexa or Google Home, follow these steps:

1. Open the Quinetic App.
2. From the home screen, navigate to the "Me" section.
3. Select "Third Party Services."
4. Choose the voice assistant you want to use.
5. Follow the on-screen instructions to enable the "Quinetic" skill.

Once set up, you can use voice commands to control your Wi-Fi devices:
 "Alexa/Ok Google, turn on/off [kitchen light]"
 "Alexa/Ok Google, turn on/off [heater]"

Pairing with Wireless Quinetic Switches:

Quinetic WiFi receiving controller and Quinetic wireless switches can be paired with any combination:

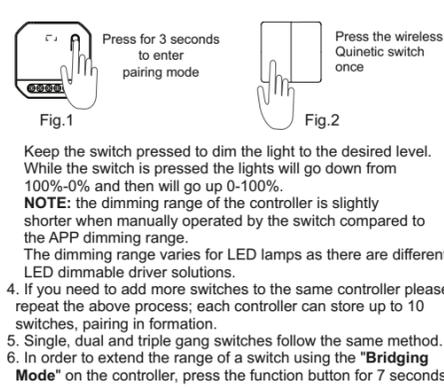
- A receiver can be operated by a maximum of 10 separate switches per channel
- A switch can pair with an unlimited number of receivers.

App Method

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

Physical Quinetic Wireless Switch Method

1. Press the function button for 3 seconds and the indicator light begins to flash slowly. Release the button to enter the single pairing state. (Fig.1)
2. Press 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. Pressing the switch quickly will turn the light ON/OFF.



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

7. To disable the bridge mode, repeat the above steps.
8. If the controller indicator light continues to pulse the controller will still function normally even if used with a Quinetic switch.
9. To **clear the controller stored pairing information** press function button for ~12 seconds until the indicator light goes out - the pairing information will be deleted.

Bridging Mode:

The range of a switch may also be extended by using a second receiver and putting it into "Bridging Mode". In order to extend the distance, the second receiving controller must be paired with the switch and located between the switch and the controller that is out of range.

The Bridging Mode can be enabled on the second controller by following the pairing steps below (Physical Pairing Steps No.6). Once the second receiver is in Bridging Mode and paired with the switch it will forward the signal from the switch to the receiver situated outside of controlling range.

Wifi Pairing Reset Procedure:

To reset the controller's WiFi pairing with the APP 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.

App Method

Enter App page, select "Remove Device" to clear network configuration.

Directional Pairing Method (2/4 gang switches only):

Directional Pairing method allows the 2 or 4 gang switches to act as a group: short press on the left button is OFF and short press on the right button is ON. Long press on the left button to dim and long press on the right button to brighten the light.

Controller Pairing Button Method

Press the function button for 3 seconds and the indicator light begins to flash slowly. Release the button to enter the single pairing state. press any gang on the wireless kinetic switch 4 times within 1 second, the indicator light will go off to complete the pairing.

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 use the AP mode for pairing.

The steps to switch to AP mode are as follows:

1. Press the button 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 Quinetic App, select "Add device" then select the model number of your device (QURWMCT). On the next screen tap "EZ" on the upper right corner and **select "AP"** from the drop down list. Follow the APP instructions to pair and operate the receiver.

Precautions

1. The wiring must be done in accordance with the method of installation illustrated.
2. Please note the maximum load of an individual controller. Exceeding this limit will result in damaging the controller.
3. The controller has a non-replaceable internal fuse.
4. Do not short-circuit, it will cause permanent damage to the receiving controller.
5. The controller will remain "OFF" after a power cut, saving energy, reducing fire risk and protecting your appliances.
6. Damage caused by incorrect installation and operation are not covered under warranty.
7. After wireless kinetic switch is normally paired with a controller, it can only control the relay (ON/OFF) and dimming. It cannot adjust the colour temperature and the colour (they can only be set through the App).

Troubleshooting

1. If pairing does not work first check if the indicator is lit. Re-pair in case the pair 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.
3. Wi-Fi Internet pairing fails: Open the app and select "Add Device." Choose your device's model number, then tap "EZ" in the upper right corner of the next screen. From the drop-down menu, select "AP" and follow the on-screen instructions to complete the pairing process.
4. The receiver is offline in APP: Router connections might reach the upper limit. Some routers allow a maximum of 15 devices. In this case please upgrade the router and/or close any devices which are not needed.

