GLEDOPTO®

Zigbee Relay Switch
User Instruction

Product Parameter

42mm — 38mm — 17mm

Product model: GL-C-310P
Power supply AC: 100-240V, 50/60Hz
Power supply DC: 12V±10% / 24-48V
Max switching voltage AC: 240V
Max switching voltage DC: 30V
Max switching current AC: 16A
Max switching current DC: 10A
Communication protocol: ZigBee3.0+2.4G RF
Material: Fireproof PC
IP Rate: IP20
Operating temperature: -20~45℃
Size: 42x38x17mm

8-9mm wire preparation   0.5-1.63mm²(24-14AWG)

Function of Button

On/off:
Short press: On/Off
Long press (5 seconds or more): Enable/Disable power-off memory function
(The connected device turns on and off twice indicating activation of this function)

Reset:
Short press: Change to connect with Push switch or Rocker switch
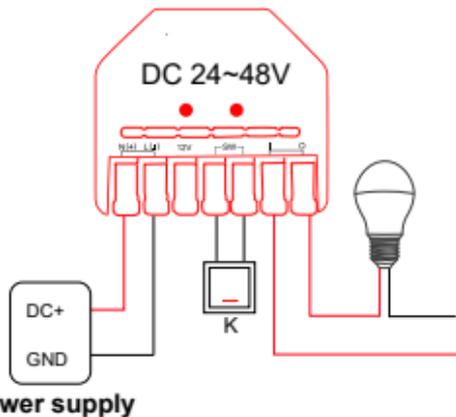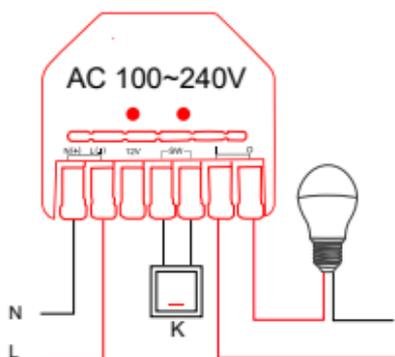Long press (5 seconds or more): Reset relay switch

Indicator Light Status

1. Steady On: Rocker Switch
2. Flashing: Push Switch

*Note: The status of the indicator light indicates the device being set for connecting Push switch or Rocker switch.

Wiring Method

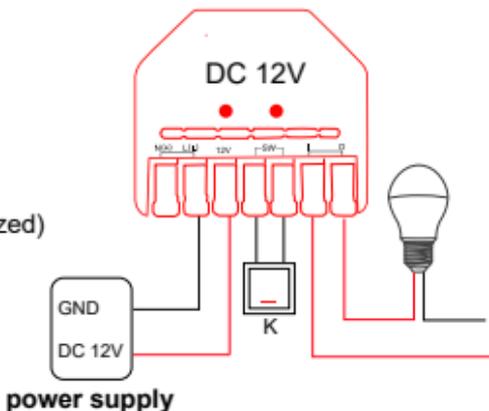AC 100~240V

DC 24~48V

power supply

DC 12V

power supply

Legend

Device terminals:

· **O**: Relay output terminal
· **I**: Relay input terminal
· **SW**: Switch input terminal
· **L**: Live (100-240 VAC) terminal
· **N**: Neutral terminal
· **12V**: DC positive terminal(12V stabilized)
· **⊥**: DC ground terminal
· **+**: DC positive terminal(24-48V)

Wires:

· **N**: Neutral wire
· **L**: Live (100 -240 VAC) wire
· **GND**: DC ground wire
· **DC+**: DC positive wire(24-48V)
· **12V+**: Positive wire(12V stabilized)

Connecting with the Gateway

Network Connection:

1. Connect the power supply to the relay correctly.
2. Use the gateway's app to start device search, you need to wait for a certain period (Please refer to the user manual of gateway). If the gateway does not find the relay, try power cycling or reset the relay.

3. Once the gateway discovers the relay, add the relay to a designated room or group.
4. Once connected to the network, you can start using the relay.

PHILIPS
hue personal wireless lighting

works with
amazon alexa

ConBee II

Tuya Smart

Homey

Remote Control Pairing/Unpairing

Pairing Method:

(1)Power off the relay, then power it on again after 10 seconds.

(2)Within 4 seconds of powering on, press the "On" button of any group on the RF remote control (Please refer to the user manual of remote).

"On" butto of group 1~6

(3)When the connected device turns on and off once, it indicates connecting with the remote control successfully.

Unpairing Method:

(1)Power off the relay, then power it on again after 10 seconds.

(2)Within 4 seconds after powering on, press 5 times the "All ON" or "ON" button of the group with which the relay being paired.

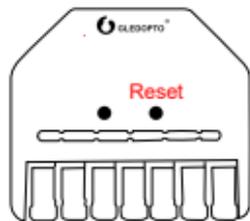(3)When the connected device turns on and off three times, it indicates disconnection from the remote control.

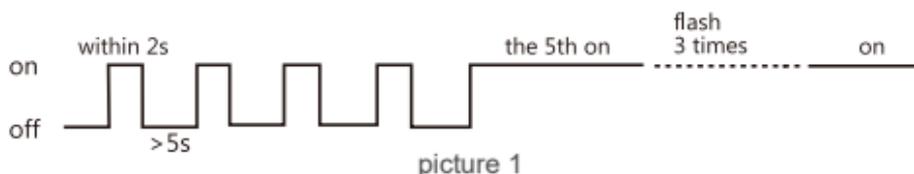**short press 5 times**

Reset Method

1. Button Reset:

Long press the RESET button for 5 seconds; when the connected device turns on and off 5 times, it indicates that the reset is complete.

Reset

2. Power On/Off Reset:

As shown in picture 1:

1. Power on the relay.
2. Power off within 2 seconds.
3. Wait for more than 5 seconds to ensure it is completely powered off.
4. Repeat the above steps 5 times.
5. Then power on; when the connected device turns on and off 5 times, it indicates that the reset is complete.

picture 1

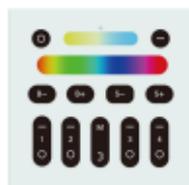# Compatible with 2.4G RF Remote Control

GL-RC-002   GL-RC-006   GL-RC-007   GL-RC-009   GL-W-003Z

Attention

1. Before turning on the power, please ensure that all connections are correct and secure, and do not operate while the power is on.
2. The product should be used under the rated voltage. Using it under excessive or insufficient voltage may damage products.
3. Do not disassemble the product, as it may cause fire and electric shock.
4. This product is a precision electronic device, do not use it in damp, high temperature, high pressure, or dusty environments.
5. Do not use the product in metal shielded areas or around strong magnetic fields, as this may severely affect the wireless signal transmission of the product.

Disclaimers

1. Due to our continuous adoption of new technologies, product specifications may change without further notice.
2. This manual is provided for reference and guidance only and does not guarantee complete consistency with the actual product. The actual application should be based on the actual product.
3. The components and accessories described in this manual do not represent the standard configuration of the product. The specific configuration is subject to the packaging.
4. All text, tables, and images in this manual are protected by relevant national laws and may not be used without our permission.
5. This product may be compatible with third-party products (such as apps, hubs, etc.), but our company does not take responsibility for compatibility issues or partial loss of functionality caused by changing in third-party products.