# 2.4G/5G four-way WIFI remote switch

## Product Instructions

- Be sure to read this manual carefully before use so that you can use the product correctly.
- After reading the manual, please keep it in a safe place.

## Product Application

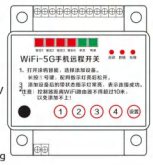
This product is a smart product, connected to WiFi use. Mainly used for household appliances, lamps and lanterns lighting occasions. Can use Doodle smart APP control, voice control, manual control and timing off words. In addition this product supports customization services, such as the need to contact customer service!

## Product Features

- Unlimited distance
- WiFi connection
- Voice control
- Support different frequency bands
- Multiple control
- APP control
- Status feedback
- Globally available

## Product Parameters

- Product name: 2.4G/5G WiFi remote phone control switch
- Product Brand:PUFFINS
- Product Model:HK18-5G04
- Control mode:Doodle smart, voice, timing, manual, remote control (optional)
- Operating voltage:DC9~30V,AC220V,AC380V
- Control current:<5A
- Relative humidity:<95%
- Environment temperature:-40℃~70℃
- Host size:92*97*58mm
- Installation mode:rail mounting/screw mounting




Operation video sweep the two dimensional code to view

## Operation Description

◆Remote control learning method

Learning method: under power on, press the set key for 3 seconds, mode three lights all on press any key of the remote control, mode three lights off two (only the current mode light is left on), learning is complete. Ready to use!

Clear code method: under power on, long press the setting key until the mode three lights flash three times. Clear the code!

The remote control has been paired with the switch at the factory, no need to pair again

◆Mode switch

Phone tap setting



**Device mode setting:**

- In case of power failure, press and hold the device setting key to energize the device to switch the mode (pointing, self-locking, interlocking)

Tap: Press and hold the remote control ① key all the way on, release all the way offFor cell phone, press switch one, work two seconds to disconnect)
Self-locking: press the remote control ① key all the way on, press the remote control ① key all the way off
Interlock: ensure that only one way to work, press ① key all the way open the other way are off

- Turn on this function will put the device in an automatic state: that is every time the device is turned on, it will automatically turn off after running for a period of time Set the time to tap and then turn on the button.The time version is /min.

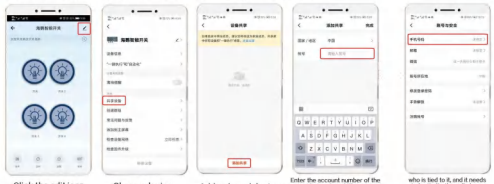
(The setting only works for cell phone control)

Cell phone settings can be set separately for each road pointing mode

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◆Multiple people use the sharing function



Click the edit icon | Share a device | Add a shared device | Enter the account number of the person being shared The account number is the cell phone number of the person | who is tied to it, and it needs to be tied to the cell phone number to be shared

◆Delete this switch



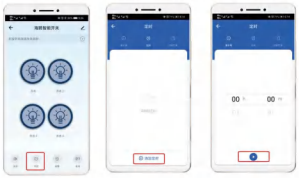
Click the edit icon | Delete the device

◆Add to desktop



Click the edit icon | Add to desktop

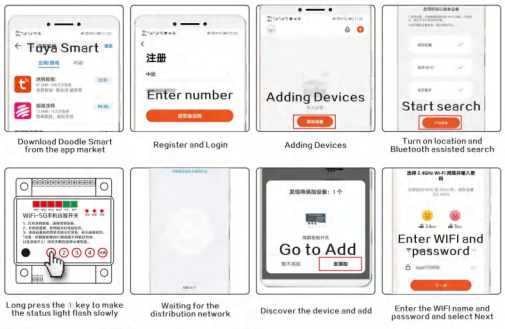
◆You can add timer/countdown timer



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## Networking Steps




Download Doodle Smart from the app market | Register and Login | Adding Devices | Turn on location and Bluetooth assisted search

Long press the ① key to make the status light flash slowly | Waiting for the distribution network | Discover the device and add | Enter the WIFI name and password and select Next

Device being connected | Matching completed

## Particular Attention

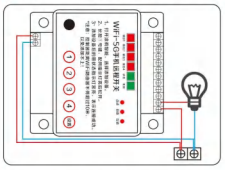
1. This product can be installed and used worldwide. The device needs to be placed within 10 meters from the router during installation.
2. as long as the switch can be connected to the Internet, cell phone control without distance restrictions.
3. The remote control distance is the theoretical distance, the actual use of trees, buildings, high-voltage lines and other environmental interference the general control distance of 10% to 50%, there are obstacles to shorten the distance, the actual use of the distance according to the site environment.
4. Before networking the device, please strictly follow the instructions wiring way wiring, must add the antenna!
5. The switch needs to be activated for the first time when networking, please refer to the state light status and solution below the networking steps.

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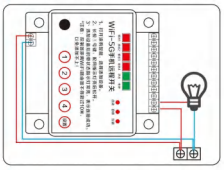
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## Wiring Diagram

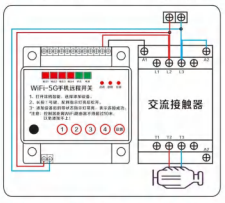
◆2.4G/5G four-way WIFI remote switch



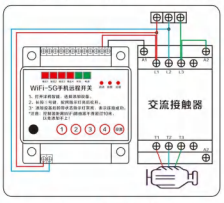
◆220V electricity, 500 watts wiring schematic



◆220V, 500 watts or more wiring diagram




◆Wiring diagram of 380V with AC contactor




Four-way wiring diagram only connect one way as a demonstration, the other three wiring and demonstration of the same

Before wiring, please see the voltage label on the left side of the product, and then wired according to the voltage corresponding wiring diagram

Please strictly in accordance with the instructions wiring diagram wiring, 220V and 380V can not be mixed (otherwise the consequences at your own risk)

## Matters Needing Attention

- Do not use this timer switch for equipment that may cause accidents related to human life or have a significant impact on the trial due to the error of the timer switch (e.g. medical equipment and large equipment, etc.).
- When using this timer switch, please make sure that there is enough margin in the value of characteristics and performance and take safety precautions such as double-circuiting for the equipment that may cause major property damage due to the error of the timer switch (such as large heaters or cold storage).
- Do not repair, disassemble or modify the switch by yourself. Please make sure to entrust the repair and inspection to the dealer or the construction company.
- The switch should be operated in an environment free of moisture, corrosion and high metal content gas. Keep away from places where there is interference with the remote control signal such as high-voltage lines and large transformers.
- Do not touch the terminal part after the power is turned on.
- Do not expose the switch to oil or water.

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