

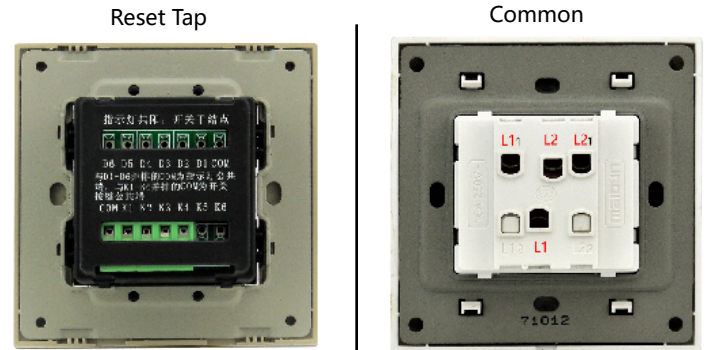
**Smart RF Switch Module Instruction Manual**

**GW-6321M-6322M (Neutral Optional)**  
**GW-7321M-7322M (Neutral Required)**

Enjoy the Life

Gingerway Technologies Co.,Ltd

**Difference of Reset Tap Traditional Switch and Common Traditional Switch**



- Reset Tap**
1. Release the button, "COM" and "KI" is disconnected.
  2. Press the button, "COM" and "KI" is connected.
  3. After press button, once you release the button, the button is reset to original state, "COM" and "KI" is disconnected again.

- Common**
1. Press the button up, "L1" and "L1" is connected.
  2. Press the button down, "L1" and "L1" is disconnected.

**Usage**

|                              |   |
|------------------------------|---|
| Common traditional switch    | <ol style="list-style-type: none"> <li>1. Press the on-off keys can turn on/off the lamps.</li> <li>2. Continually press the on-off key for 6 times in a very quick speed, the switch will send out a binding request.</li> <li>3. Cut off the power of switch. After the electric discharge over, continually press the on-off key for 10 times in a very quick speed within 3 seconds since power on, the switch will be restored to factory settings.</li> </ol> |
| Reset tap traditional switch | <ol style="list-style-type: none"> <li>1. Short press the on-off key can turn on/off the lamps.</li> <li>2. Long press the on-off key to send out binding request.</li> <li>3. Cut off the power of switch. After the electric discharge over, long press any on-off key for 8 seconds within 3 seconds since power on, the switch will be restored to factory settings.</li> </ol>   |

**Technical parameters**

|                                |  |
|--------------------------------|--|
| Power Supply                   | 110 - 250VAC   |
| Standby Power Consumption      | ≤30mW  |
| Wireless Operating Frequency   | 433MHz   |
| Wireless Transmit Power        | ~10dbm   |
| Wireless Receiving Sensitivity | ≤-105dbm   |
| Total Load Power               | Resistive Load: <1000W<br>Capacitive Load: <200W<br>Inductive Load: <300W        |
| Minimum Load Power             | 5W(Only for single-wire wiring method, double-wire wiring method without limit ) |
| Mounting Box Size              | >77mm*77mm*50mm<br>Please test before installation                               |
| Working Temperature            | 0-60℃  |
| Relative Humidity              | ≤80% (Non-condensing)  |
| Dimensions (L * W * H)         | Without Ears: 51.5mm*52mm*23.5mm<br>With Ears: 67mm*52mm*23.5mm                  |
| Weight                         | 60g  |

**Notice**

1. Please hire professional electrician to install or disassemble the switches. The power must be cut off before installing or disassembling.
2. The switches are forbidden to be installed in outdoors, bathroom and other humid environments.
3. The sum of each gang load can't be greater than the rated total power.
4. When the power recover after the power outage of the switch, the lamp will flash normally for once.
5. If the lamps slightly flicker when the power on, suggested that adjust( turn up slightly) the power of lamps.
6. Fluorescent lamp is recommended to use electronic rectifier.

**Warranty Terms**

Gingerway products are guaranteed for 2 years since the date of purchase. During the warranty period, if Gingerway products malfunction(not contain artificial damages) under normal circumstances, they can be free repaired or exchanged at local dealer with the purchase invoice.

1. If due to quality failure during the warranty period, the maintenance is free in first year, only the component cost will be charged in the second year.
2. Disassembling Gingerway product components without the permission of our company or the local client center, our company will no longer bear the free warranty responsibility .

Note: Shenzhen Gingerway Technologies Co., Ltd reserves the right of final explanation for above terms.



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**Descriptions**

Dear users, sincerely thank you for choosing our products. For your convenience of installing and using this product, please read this manual carefully before use.

Gingerway smart RF switch module, being used with the common traditional switch or reset tap traditional switch, that can realize the intelligent controlling of lighting. This smart RF switch module is a new general tow-way full digital communication smart switch module. Via the main control equipments( like remote control, gateway ), you can reliably and easily control and query the on-off state of the switch. This smart RF switch module is fully compatible with Gingerway switches and network system, they can be used together.

**Main Features**

1. Modular lighting on-off control equipment.
2. New generation Z-Ginger® smart home control network, a real full digital two-way communication wireless network. It can penetrate the walls, with fast response speed, high reliability and strong anti-interference capability.
3. Can be used with the common traditional switch or reset tap traditional switch, to realize manual controlling.
4. Can be used with smart RF controller, to realize remote controlling and scene controlling.
5. GW-6321M, GW-6322M: Patented power technology P-Ginger®: fit single-wire wiring method(Without Neutral Line ), also fit double-wire wiring method(With Neutral Line).
6. Fit energy saving lamp, fluorescent lamp, incandescent lamp and various types of lamps.
7. The patent "16A" technology, with high power load and impact resistance.

**Main Functions**

**A. Manual controlling on-off function**

Being used with the common traditional switch or reset tap traditional switch, to manually control the on-off state of the lamps. If the power recovered after a power cut, the switch will be at off-state automatically.

**B. Remote controlling on-off function**

Via the main control equipments, you can remote control the on-off state of the switch, and the operating result will feed back to the main control equipments.

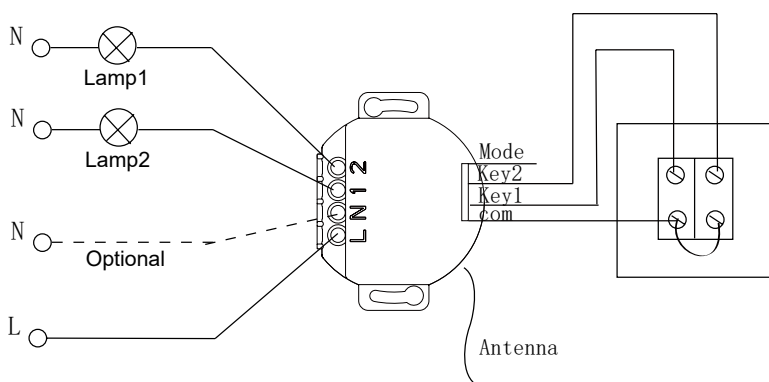
**C. Scene controlling function**

Controlled by main control equipment, this smart RF switch can be combined with other Gingerway smart devices into different scenes in any way you like.

**D. Query function**

You can query the on-off state of the smart RF switch through the main control equipment.

**Product Wiring Diagram - applies to the common tradition switch**



**Product Wiring Diagram - applies to reset tap traditional switch**

