

尺寸: 140*100mm

Manual Instruction

AC Triac Dimmer(2.4G+Push)

Model No.: TR01RF

1. Product feature

- Support 2.4G RF Remote control.
- Connect PUSH Dimmer switch, support ON/OFF and continuous dimming function.
- 0~100% dimming smoothly, flicker-free.
- Adopt back edge phase dimming.
- Set the lowest brightness by key.
- Temperature detecting switch, with overheat protection and automatic recover function.
- Overloading protection, automatic power limit.
- Signal Auto-Transmitting and mode auto-synchronization function.
- Can be installed in a standard 86*86 wall junction box.
- Support Smartphone App control(need 2.4GHz Gateway).
- V0 class anti-fire case.

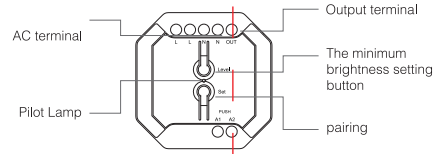
2. Technical Specification

Input voltage: AC 100V ~240V 50/60Hz
 Output voltage: AC 100V ~240V 50/60Hz
 Output current: Max 1.4A
 Max Output Power: 154W@110V 308W@220V
 Working Temperature: Ta: -20°C~40°C
 Control Distance: 30m(Open and barrier-free)
 Product Size: 49*49*24mm(Length*width*height)

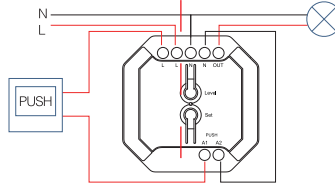
2.1 Supported Loading type

Loading type	Max Output Power
Dimmable LED Light	100W@110V 200W@220V
Triac Dimming LED Power Supply	100W@110V 200W@220V
Incandescent lamps and high voltage halogen lamps	154W@110V 308W@220V

3. Product Structure



4. Wiring Diagram



⚠ Notes: Before powering on device, ensure that all wires connection are correct. Otherwise the product will be damaged.

5. Product Function

5.1 Function of the key

Function	Operation unit	Operation instruction
Enter Linking status	"SET"	Short press "SET" once, when the pilot lamp blink, enter pairing mode.
Restore factory defaults and clear all linked remote controller	"SET"	Long press the "SET" for over 3 seconds, the pilot lamp blinks slowly, restore factory defaults.
The minimum brightness setting	"Level"	Short press the "Level", when pilot lamp blinks quickly, switches different minimum brightness circularly.

5.2 Enter Linking status:

Any of the following 3 methods can make the device enter linking mode:
 (1) Power off the controlled dimmer for 10s and then power on again. The dimmer enter linking mode
 (2) Press the "PUSH" switch, continuously press the PUSH switch for four times or more within 5 seconds, the device enter linking mode.
 (3) Short press the "SET" once, the device enter linking mode.
Note: The linking mode just can be kept in 5 seconds, after 5 seconds, please above steps.

5.3 When the device is on linking mode, use the remote control to link or unlink.

Link: Short press Zone "ON" for 3 times within 5s
 Unlink: Short press Zone "ON" for 5 times within 5s

5.4 PUSH Dimmer dimming function:

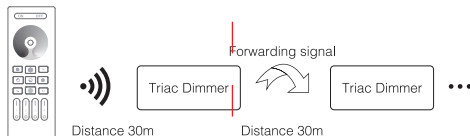
(1) Short press PUSH Dimmer: Turn on or Turn off the light
 (2) Long press PUSH switch:
 Dim the brightness smoothly
 Long press Push Dimmer, then loosen the Push Dimmer, then long press again, switch increase brightness or decrease brightness.

5.5 Minimum brightness setting

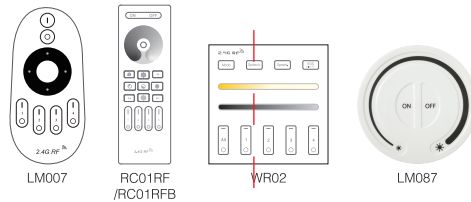
(1) Press the "Level" once, the pilot lamp will blink quickly, the light immediately outputs the current minimum brightness. Repeatedly pressing the "Level" switch the minimum brightness circularly. There are 7 minimum brightness levels: 5%、10%、15%、20%、25%、30%、35%。
 (2) Stop press the "Level". After 10 seconds, exit the minimum brightness setting and restore the luminous state before operation.
 (3) Long press "Level" button until the pilot lamp blink. The minimum brightness restore to default setting.

6. Signal Auto-transmitting instruction

The dimmer can forward the received remote control signal to another dimmer within 30m, as long as there is a dimmer per 30m, the control distance can be unlimited.



7. Compatible remote control (purchase separately)



8. Malfunction analysis and elimination

Malfunction	Reason	Solution
the light isn't working	No power or wrong wiring	Check the power supply and wiring
When the light is adjusted to the highest brightness, it will automatically dim	When the loading current exceeds the dimmer maximum loading, the dimmer automatically limits the output current	Reduce the loading power
During operation, the light is automatically turned off and automatically restored after a period of time.	Dimmer overheat protection	Reduce the loading power

8. Attention

1. When installing the device, please switch off the power to ensure safety.
2. The product can not be installed to the area near flammable and explosive materials.
3. Please check whether the input voltage is consistent with the device.
4. Non-professional users should not disassemble the equipment directly, otherwise it may cause electric shock or damage the equipment.
5. Do not use the device in the vicinity of a large metal area or strong electromagnetic waves, otherwise the remote control distance will be seriously affected.

