

AC Triac Dimmer (WiFi + 2.4G + Push)

Model No.: TRI-PW

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1. Feature

Simple appearance design, convenient construction, Wide application for single color triac LED lights, filament lamps, Halogen lamps.

- Uses WiFi + Bluetooth + 2.4G wireless transmission technology
- Smartphone APP control
- 2.4G RF wireless remote control
- Push dimming function
- Trailing edge phase-cut technology
- 0~100% stepless dimming and flicker free
- Lowest brightness setting function
- Built-in temperature detecting switch, over heat /loading protection
- Auto transmitting function, unlimited control distance
- Screw connector is reliable and easy to do installation
- Anti-fire PC shell is more safety

Various control solution:



2. Parameter

Model No.: TRI-PW

Input Voltage: 100-240V~ 50/60Hz

Output Voltage: 100-240V~

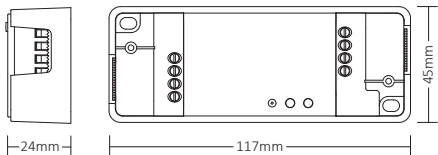
Output Current: Max 2.27A

Output Power: 250W @110V; 500W @220V

Dim Method: WiFi + 2.4G + Push

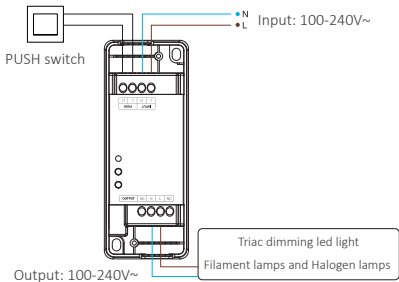
Working Temperature: -10~40°C

2.4G RF Control Distance: 30m

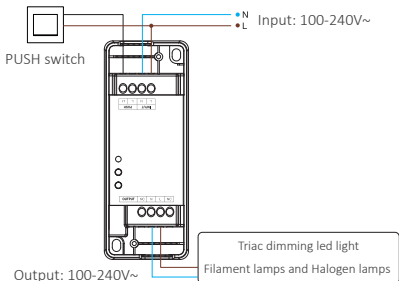


3. Connection Diagram

Method 1:



Method 2:



Attention

Please check and ensure that all cable had done correct connection before turn on it, otherwise the dimmer is easy to be damaged.

“Breaker mode” is activated or shut down

Attention: It only support to turn on/off light, user can not dim device once this mode is activated

Turn On: short press “LINK” 5 times quickly, mode had activated once indicator blink 3 times quickly

Turn Off: short press “LINK” 5 times quickly, mode had shut down once indicator flash 3 times slowly

APP ON/OFF, [review page 13](#)

4. PUSH Dimming

Short press PUSH switch:

Turn ON/OFF light

Long press PUSH switch:

- Stepless dimming brightness.
- Long press and release your finger, then repeat long pressing to increase or decrease brightness
- Please long press switch 20 seconds until all lights have same brightness with 100% level if multi dimmers had connect with same self-return switch. The quantity of dimmers which connect with same self-return switch can not be over 25 pieces, the connection cable of self-return switch can not be over 20m.

5. Remote control instruction

5.1. Link remote

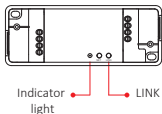
For K1 remote

1). Learning code

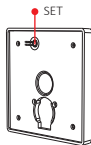
Way 1: short press "LINK" one time.

Way 2: power off dimmer 10 seconds and power on again

Way 3: short press Push switch (ON- OFF)



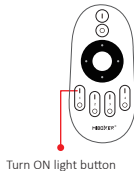
2). Press "SET" 3 times within 3 seconds, linking code is done once the light flashes 3 times slowly



For other remote

1). Learning code

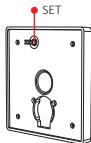
2). Press "I" any "ON" button in group zones 3 times within 3 seconds, linking code is done once the light flashes 3 times slowly



5.2. Unlink with remote

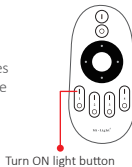
For K1 remote

- 1). Learning code
- 2). Press "SET" 5 times within 3 seconds, unlinking is done once the light flashes 10 times quickly



For other remote

- 1). Learning code
- 2). Press "I" any "ON" button in group zones 5 times within 3 seconds, unlinking is done once the light flashes 10 times quickly



5.3. Compatible remote (purchase separately)



FUT007



C1



B1 / B1-B / T1



B2 / T2



K1 / K1-B



FUT087 / FUT087-B



S1W+

5.4. Auto transmitting

One light can transmit the signals from the remote control to another light within 30m, as long as there is a light within 30m, the remote control distance can be limitless.



Distance 30m

Signal transmitting



Triac Dimmer



Distance 30m



Triac Dimmer



Attention: All dimmer must link with same remote

6. Set up min brightness

6.1. Set up min brightness with "SET" button

Short press "SET" to get 10 kinds of brightness: 3%, 5%, 7%, 9%, 12%, 17%, 22%, 28%, 34%, 40%

6.2. Set up min brightness with remote

 This function should be paired with remote firstly before setting.

For K1 remote

- 1). Long press "SET" 3 seconds until the light flashes one time, indicator is going into flashing status
- 2). Short press "SET" to get 10 kinds of brightness: 3%, 5%, 7%, 9%, 12%, 17%, 22%, 28%, 34%, 40%
- 3). Short press rotating button to confirm setting or waiting for 10 seconds to be confirmed automatically, the light will recover brightness to previous level.

For other remote

- 1). Long press the "**OFF**" button on the remote or "O" button on the zone, until the light flashes one time, indicator is going into flashing status
- 2). Short press the "**OFF**" button on the remote or "O" button on the zone to set up 10 different brightness (3%, 5%, 7%, 9%, 12%, 17%, 22%, 28%, 34%, 40%)

Short press any button except "OFF" to confirm setting or waiting for 10 seconds to be confirmed automatically, the light will recover brightness to previous level

Attention: Master OFF button can set up lowest brightness for all connected dimmer

7. Smartphone APP control instruction

Network Configuration (Don't support 5G router)

7.1. Download and install [Tuya Smart] app

Search for [Tuya Smart] in Apple or Google store or scan following QR code to download and install the app.

Please open the app click "Register" button to create account while using it in the first time, Log in directly if you already had account.



7.2. Pairing Network

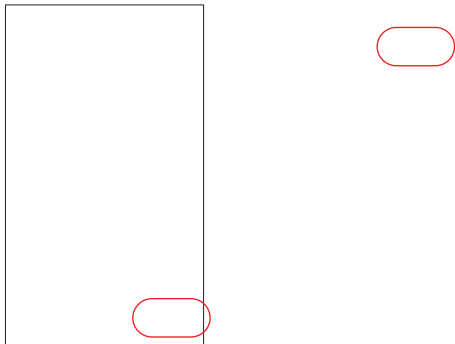
- 1). Connect with power supply
- 2). Pairing network (**attention: factory default is pairing network**)
 - Way 1:** Long press "LINK" about 3 seconds until indicator flashes quickly
 - Way 2:** Long press push switch 10 seconds while light is OFF status (attention: need to wire with Push switch)
 - Way 3:** Disconnect power- Connect power *3 times.
- 3). Connect phone with home WiFi network in the 2.4GHz frequency.

7.4. Breaker Mode (ON/OFF)

Attention: It only support to turn on/off light, user can not dim device once this mode is activated

Setting way:

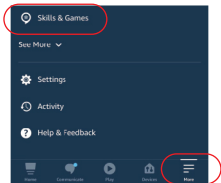
- 1). Click " Settings " in APP
- 2). Click button on the right side of " Breaker Mode "



8. Alexa voice control instruction

Please add device into **[Tuya Smart]** app ([check details in page 10](#)), then start following steps

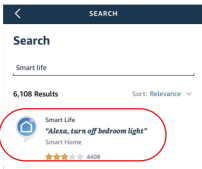
- 1). Open Alexa App
- 2). Click “More” on the bottom of right corner
- 3). Click “Skills & Games”



- 4). Click “Q” on the top of right corner
- 5). Type into “Smart life” and search



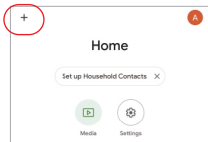
- 6). Click “Smart life” skill, follow instruction to finish configuration and start voice control



9. Google Home voice control instruction

Please add device into **[Tuya Smart]** app ([check details in page 10](#)), then start following steps

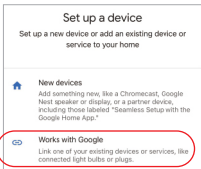
- 1). Open Google Home App
- 2). Click “+” on the top of left corner



- 3). Click “Set up device”



- 4). Click “Works with Google”



- 5). Click “Q” on the top of right corner
- 6). Type into “Smart life” and search
- 7). Click “Smart life” skill, follow instruction to finish configuration and start voice control



10. Attention

1. Please turn off power supply before installation.
2. Please ensure input voltage to be same as requirements from device.
3. Don't disassemble device if you are not expert, otherwise it will damage it.
4. Please do not use the light in the place with widely range metal area or strong electromagnetic wave nearby, otherwise, the remote distance will be seriously affected.

Made in China



Dimmer can not use in humid area