MiBOXER® | Mi·Light
Subordinate New Brand

AC Triac Dimmer (2.4GHz + Push)
Model No.: TRI-PR

Contents

1. Feature

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

- Smartphone APP control (need to buy 2.4GHz gateway)

- 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 heart /loading protection

- Auto transmitting function, unlimited control distance

- Screw connector is reliable and easy to do installation

- Anti-fire PC shell is more safety

2. Parameter

Model No.: TRI-PR

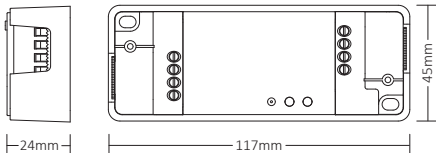Input Voltage: 100-240V~ 50/60Hz

Output Voltage: 100-240V~

Output Current: Max 2.27A

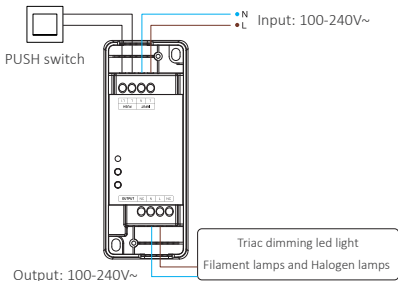Output Power: 250W @110V; 500W @220V

Dim Method: RF wireless dimming

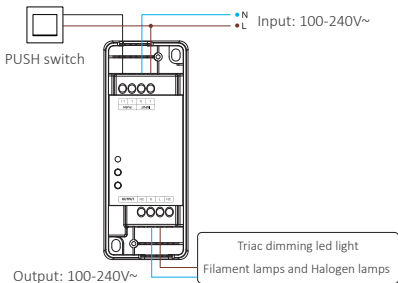Working Temperature: -10~40°C

Control Distance: 30m

24mm   117mm   45mm

3. Connection Diagram

Method 1:

PUSH switch

N
L Input: 100-240V~

Output: 100-240V~

Triac dimming led light
Filament lamps and Halogen lamps

Method 2:

PUSH switch

N
L Input: 100-240V~

Output: 100-240V~

Triac dimming led light
Filament lamps and Halogen lamps

⚠ 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

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.

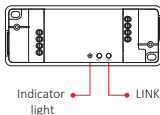# 5. Remote control instruction

5.1. Link remote
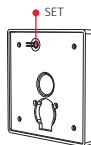
For K1 remote

1). Learning code

Way 1: short press " LINK " one time.

Way 2: power off dimmer 10 seconds and power on again
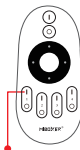
Way 3: short press Push switch (ON- OFF)

Indicator light

LINK

SET

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 " | " any "ON" button in group zones 3 times within 3 seconds, linking code is done once the light flashes 3 times slowly
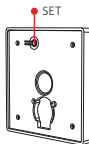
Turn ON light button

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 " **|** " any "(ON)" button in group zones
   5 times within 3 seconds, unlinking is done
   once the light flashes 10 times quickly

Link / Unlink button

5.3. Compatible remote (purchase separately)

FUT007

C1

B1 / B1-B / T1

B2 / T2

K1 / K1-B

FUT087 / FUT087-B

S1W+

WL-Box2

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.

Signal transmitting

Distance 30m   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 "○" 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 "○" 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. 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