

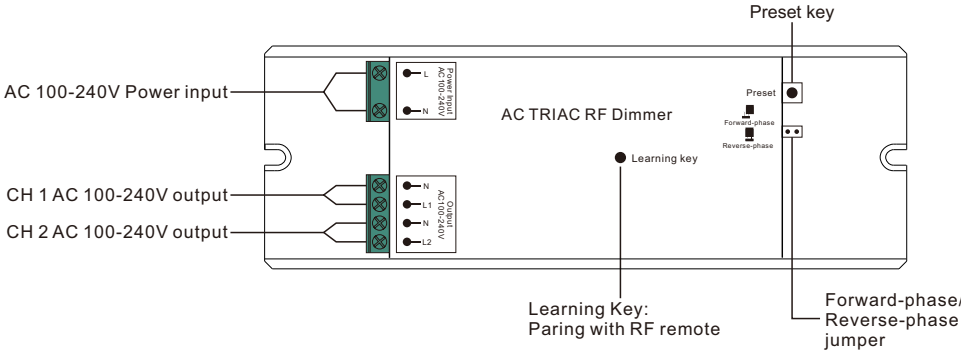
AC Triac RF Dimmer

70020019



Important: Read All Instructions Prior to Installation

Function introduction



Product Data

Input Voltage	Output Voltage	Output Current	Output Power	Size(LxWxH)
100-240VAC	2x(100-240)VAC	2x1.2A	2x(120-288)W	170x59x29mm

Compatible Load Types			
Load Symbol	Load Type	Maximum Load	Remarks
	Dimmable LED lamps	2*60W @ 100V output, 2*144W @ 240V output	Due to variety of LED lamp designs, maximum number of LED lamps per channel is further dependent on power factor result when connected to dimmer.
	Dimmable LED drivers	2*60W @ 100V output, 2*144W @ 240V output	Maximum permitted number of drivers per channel is 60W/144W divided by driver nameplate power rating.
	Incandescent lighting, Halogen 240V lamps	2*120W @ 100V output, 2*288W @ 240V output	
	Low voltage halogen lighting with electronic transformers	2*60W @ 100V output, 2*144W @ 240V output	

- Safe and reliable full isolation design
- Radio Frequency : 868/869.5/916.5/434mhz
- Triac dimmable and Mosfet dimmable
- Leading edge dimming and trailing edge dimming both available
- Supports resistive loads and capacitive loads

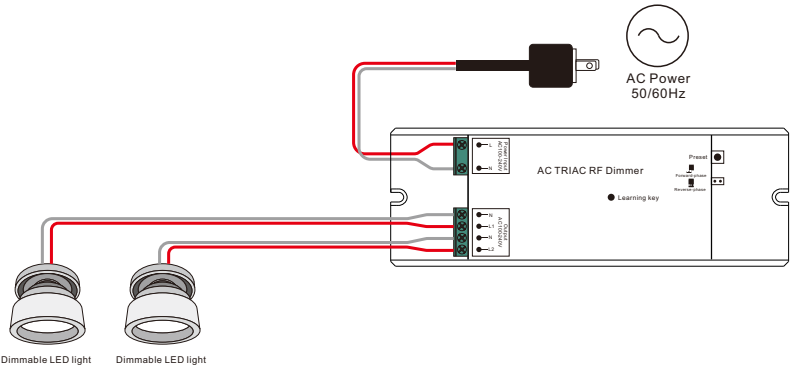
- Great compatibility with a variety of remote controls
- Innovative minimum brightness setting function
- To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights
- Waterproof grade: IP20

Safety & Warnings

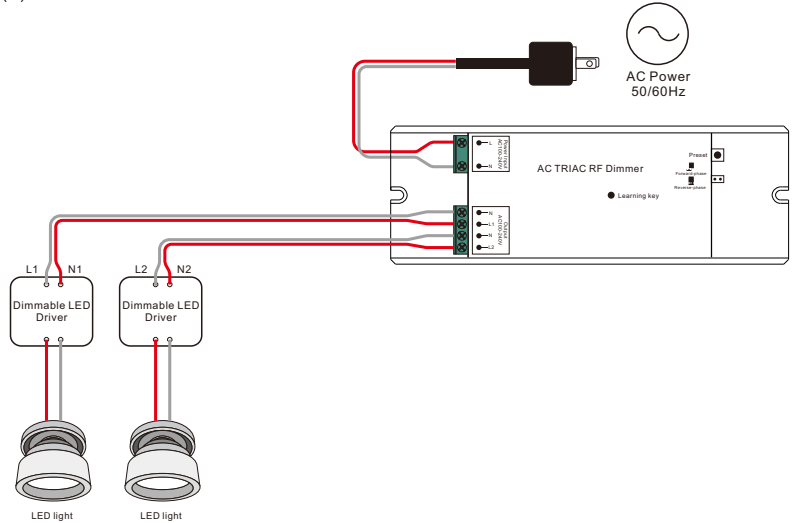
- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

Wiring Diagram

(1)With dimmable LED light



(2)With dimmable LED driver



This phase dimmer adopts both leading edge dimming (forward phase control) and trailing edge dimming (reverse phase control), please make sure the connected loads support either of the control methods. Please refer to the user manual of the load or consult the supplier of the load.

Pair/delete the pairing with RF remote

1. Do wiring according to connection diagram.
2. Pair RF Receiver with RF remote: please refer to the instruction of the remote that you would like to pair with.
3. Delete the pairing:
 - (1) Wire up the RF receiver correctly, power on.
 - (2) Press and hold down the “**Learning Key**” button on receiver for over 3 seconds until the connected light flashes, which means well deleted.

Setting minimum brightness:

Adjust brightness to a level you would like, then press and hold down the “**Preset key**” until the light flashes, once set a minimum brightness, the light can only be dimmable between this minimum brightness and maximum brightness.

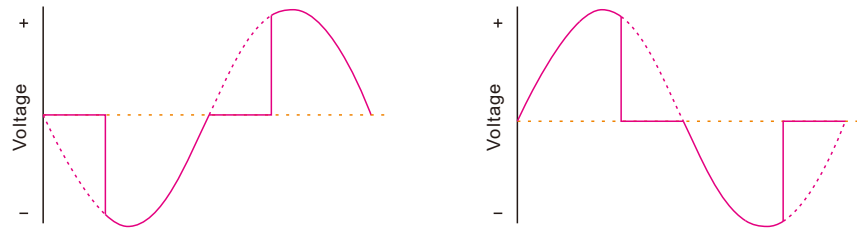
The dimming range of this dimmer is 1%-100%, but some load types may flicker when dimmed to 1%, thus a minimum brightness shall be set higher than 1% to avoid flickering during dimming process.

Delete the minimum brightness:

Adjust the brightness to 100%, then click the “**Preset key**” to delete the minimum brightness, the light will flash to indicate successful reset.

Switch between leading edge dimming and trailing edge dimming:  Forward-phase  Reverse-phase

Forward-phase control dimmer (TRIAC) Reverse-phase control dimmer



Product Dimension

