

# LED Strip Dimmer

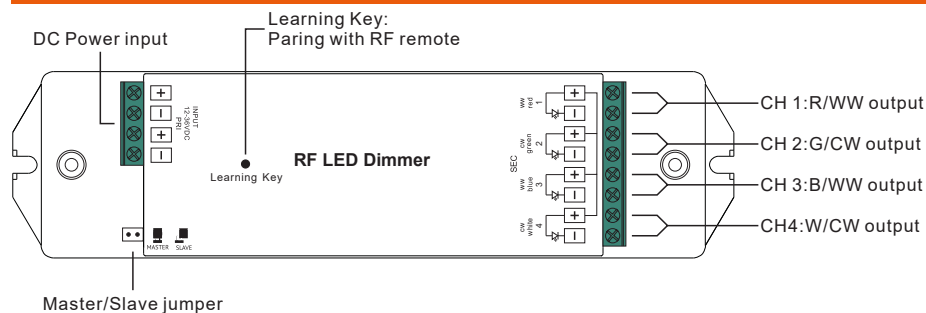
## DIMMER RF 4CH 480W 12-36V IP20

# Radium

Date: 09.06.2021

**Important:** Read All Instructions Prior to Installation

## Function introduction



## Product Data

No.	Input Voltage	Output Current	Output Power	Connector Current Rating	Wire Size	Remarks	Size(LxWxH)
1	12-36VDC	4x5A	4x(60-180)W	Max. 10A	0.32-3.3mm <sup>2</sup> (12-22AWG)	Constant voltage	178x46x22mm

- Radio Frequency : 869.5/916.5/434mhz
- Waterproof grade: IP20

## Safety & Warnings

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

## Pair/delete the pairing with RF remote

1. Do wiring according to connection diagram.
2. Pair RF Dimmer 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 dimmer correctly, power on.
  - (2) Press and hold down the “**Learning Key**” button on dimmer for more than 3 seconds until the connected light flashes, which means well deleted.

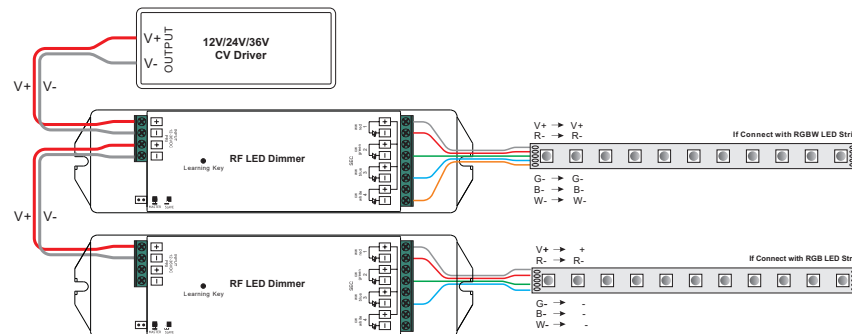
### Master and Slave Setting:

1. The dimmer has both master and slave functions which can be set with a jumper. Short circuit of the jumper means master function, and open circuit means slave function. Once short circuit the jumper on a dimmer, please power off and power on the dimmer to enable master function. Setting master and slave enables perfect synchronization of color changing effects.
2. Set one dimmer as master and pair it to any zone of a remote, and this zone shall only have one dimmer which works as master. Set all other dimmers as slave and pair them to other zones of the remote, and multiple dimmers can be paired to each zone. Then choose all zones on the remote and play the color changing effects, the master will send sync signal to the slaves to achieve perfect synchronization. The max. sync distance between the master and any slave is within 30m.

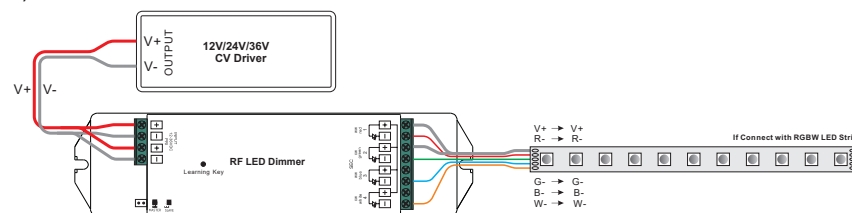
## Wiring Diagram

### With RGB/RGBW color LED

- 1) When total load of each dimmer is not over 10A

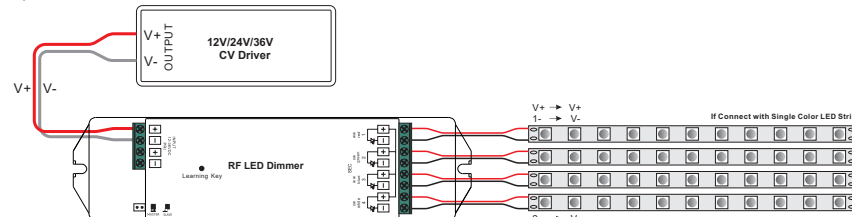


- 2) When total load of each dimmer is over 10A

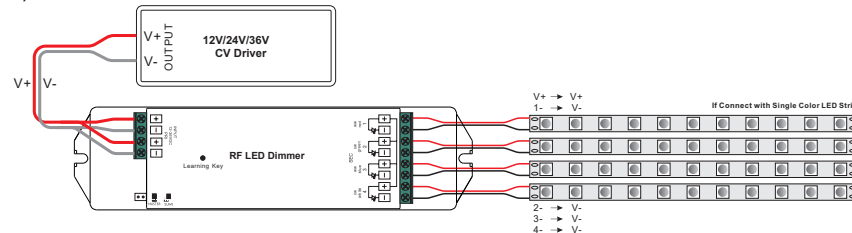


### With single color LED

- 1) When total load of each dimmer is not over 10A

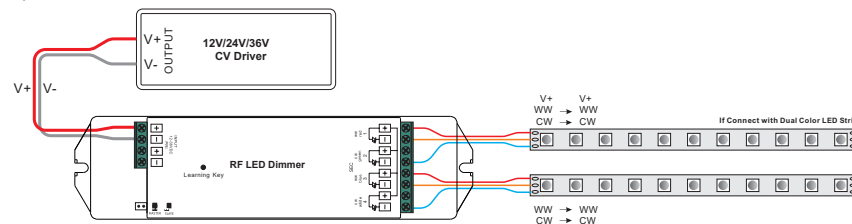


- 2) When total load of each dimmer is over 10A

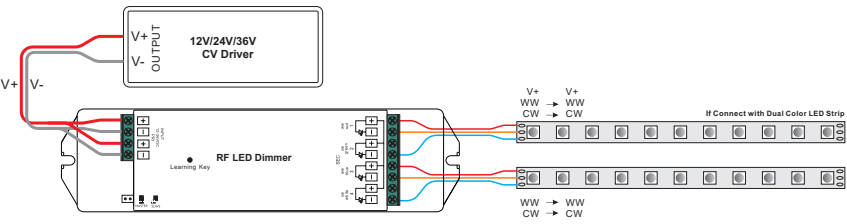


### With dual color LED

- 1) When total load of each dimmer is not over 10A



2) When total load of each dimmer is over 10A



Product Dimension

