

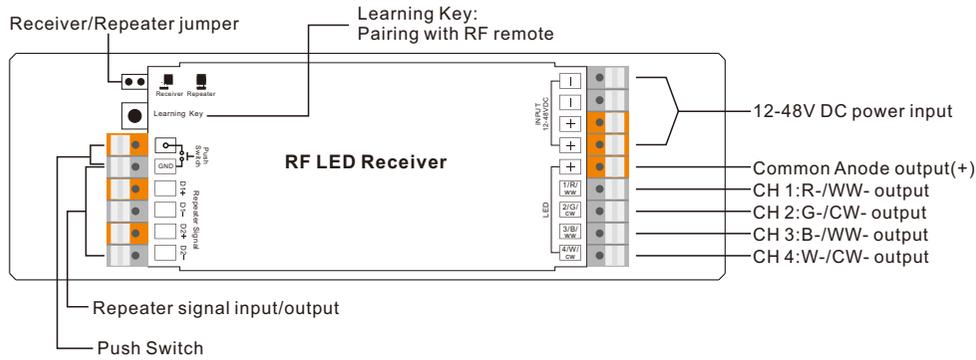
# Universal series RF Receiver

70020053



**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	12-48VDC	4x5A@12-36VDC 4x2.5A@48VDC	4x(60-180)W@12-36VDC 4x120W@48VDC	Max. 10A	0.32-3.3mm <sup>2</sup> (12-22AWG)	Constant voltage	170x53.4x28mm
2	12-48VDC	4x350mA	4x(4.2-16.8)W	Max. 10A	0.32-3.3mm <sup>2</sup> (12-22AWG)	Constant current	170x53.4x28mm
3	12-48VDC	4x700mA	4x(8.4-33.6)W	Max. 10A	0.32-3.3mm <sup>2</sup> (12-22AWG)	Constant current	170x53.4x28mm

- 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 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.

## Receiver/Repeater setting jumper:

One receiver can connect multiple repeaters to realize perfect sync the sync distance can be over 100m no volt drop.

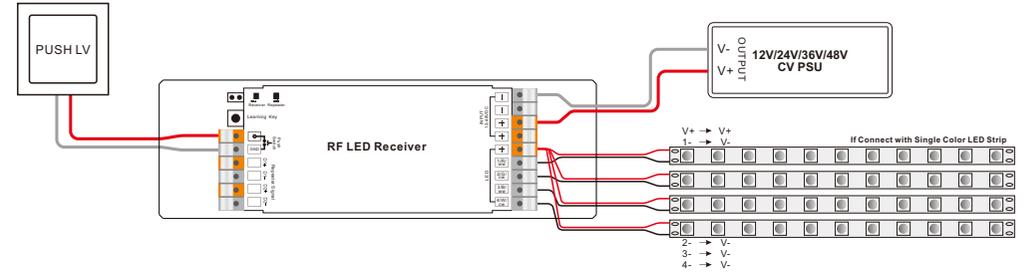
## Push Dim

While connected with a push switch, click the push button to turn on/off the lights, press and hold down the button to increase/decrease light intensity.

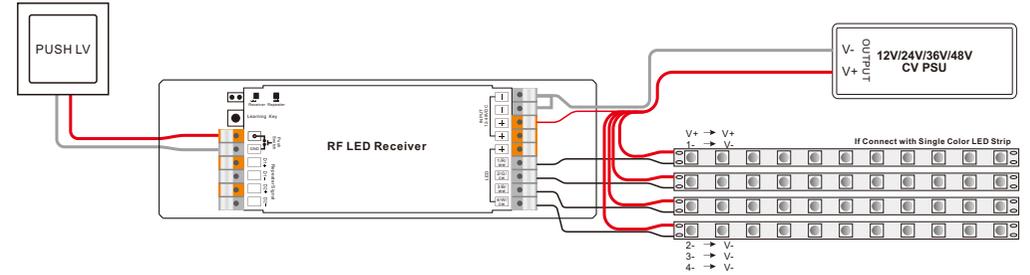
## Wiring Diagram

### With PUSH LV dimmer + single color lighting

1) When total load of each receiver/repeater is not over 10A

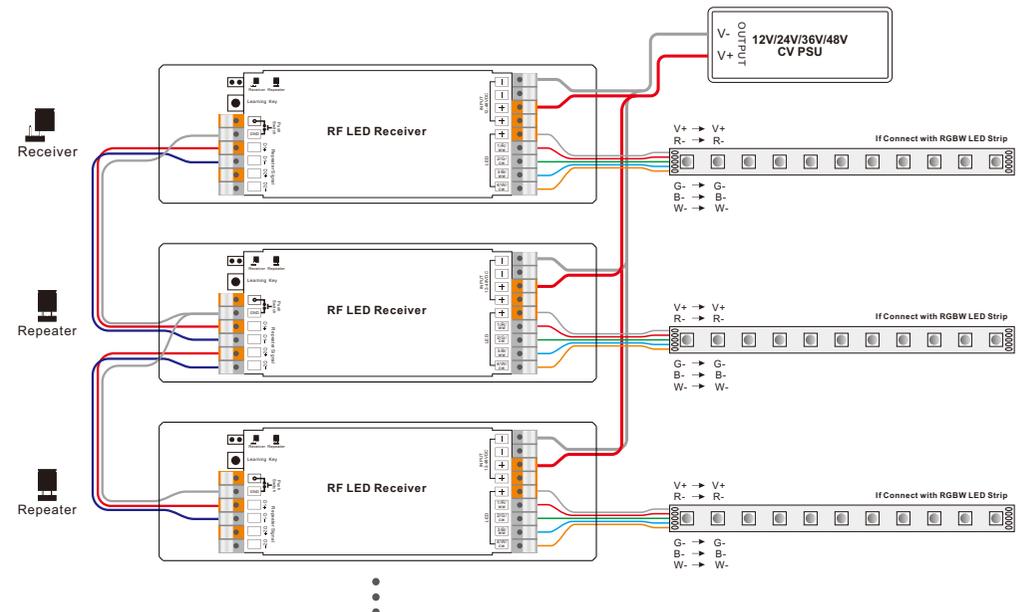


2) When total load of each receiver/repeater is over 10A

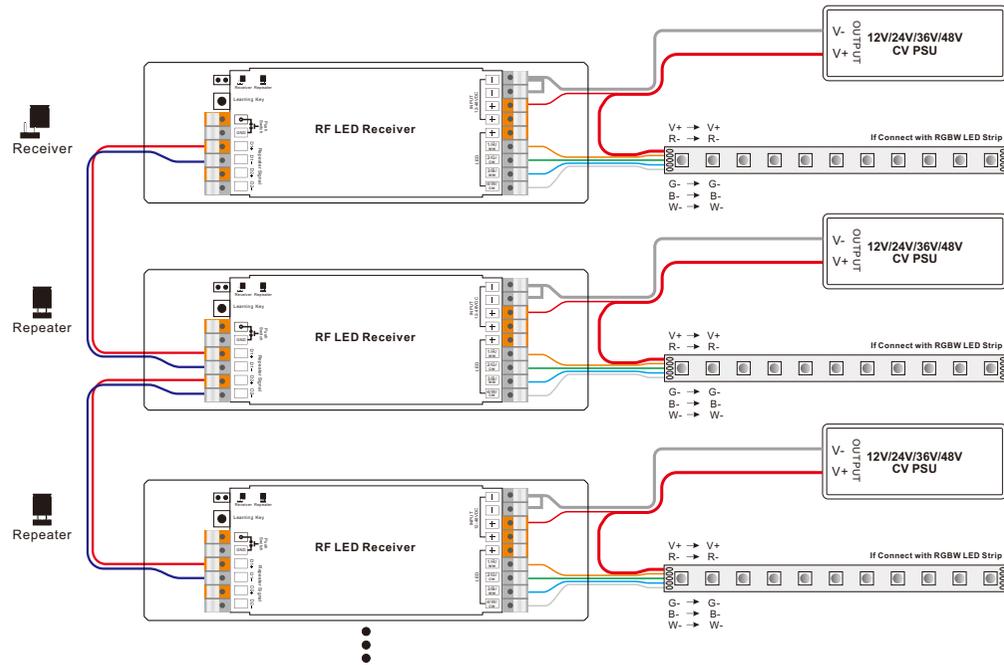


### With RGBW lighting

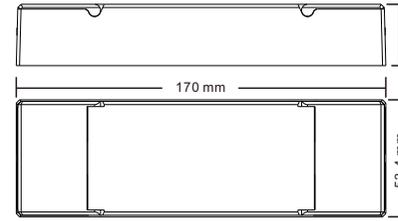
1) When total load of each receiver/repeater is not over 10A



2) When total load of each receiver/repeater is over 10A

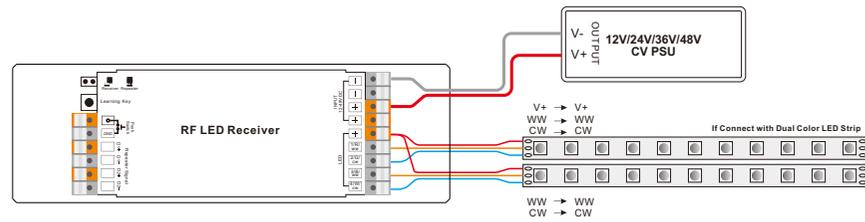


Product Dimension



With dual color lighting

1) When total load of each receiver/repeater is not over 10A



2) When total load of each receiver/repeater is over 10A

