Receiver for RGBW Remote

Model: RFREC-DIN-PUSH

UNI-BRIGHT®

Important: Read All Instructions Prior to Installation

Function introduction

CH 4:W-/CW- output
CH 3:B-/WW- output
CH 2:G-/CW- output
CH 1:R-/WW- output
Common Anode Output(+)
DC Power input

Push switch input
Master/Slave jumper
Learning Key:
Paring with RF remote
DC Power input
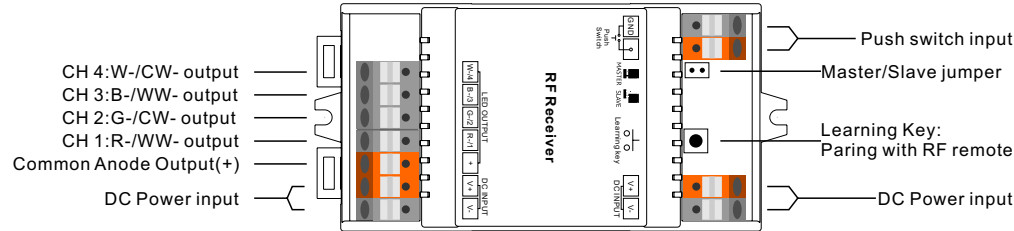
Product Data

No.	Input Voltage	Output Current	Output Power	Remarks	Size(LxWxH)
1	12-36VDC	4x5A	4x(60-180)W	Constant voltage	110x53x65mm
2	12-36VDC	4x350mA	4x(4.2-12.6)W	Constant current	110x53x65mm
3	12-36VDC	4x700mA	4x(8.4-25.2)W	Constant current	110x53x65mm

● 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.
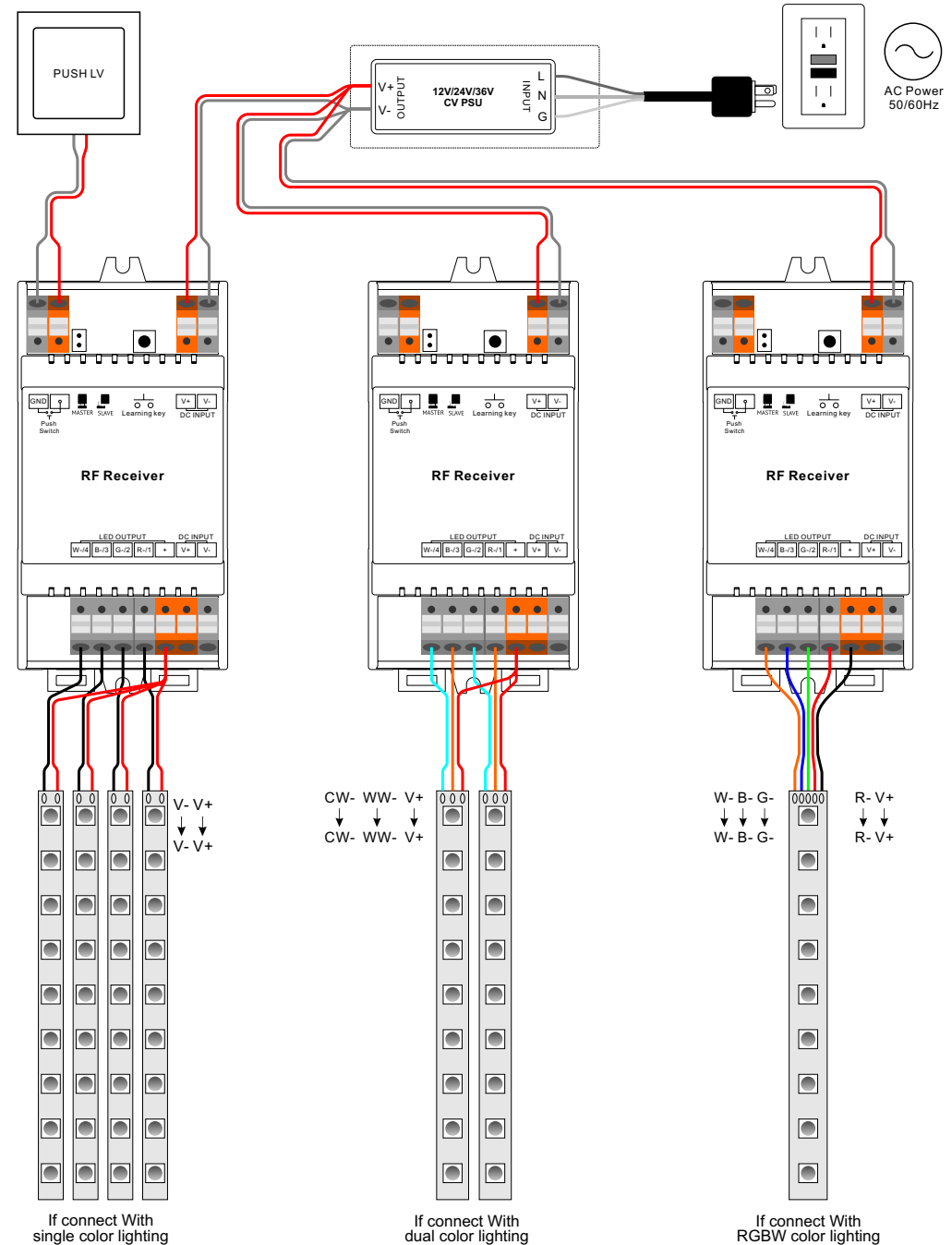
Master and Slave Setting:

1. The receiver 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 receiver, please power off and power on the receiver to enable master function. Setting master and slave enables perfect synchronization of color changing effects.

2. Set one receiver as master and pair it to any zone of a remote, and this zone shall only have one receiver which works as master. Set all other receivers as slave and pair them to other zones of the remote, and multiple receivers 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.
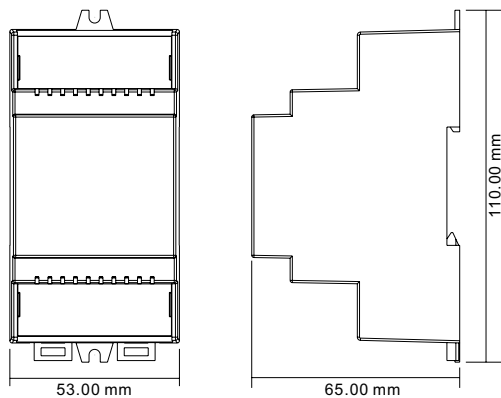
PUSH DIM:

While connected with PUSH LV, click the button to switch ON/OFF lights. Press and hold down the button to increase/decrease light intensity.

Wiring Diagram

If connect With
single color lighting

If connect With
dual color lighting

If connect With
RGBW color lighting

Product Dimension

110.00 mm

53.00 mm   65.00 mm

How to stop running mode of single color LED light caused by RGBW sender interference:

1. When pairing single color LED light to a single color remote, it might be interfered and paired by nearby RGBW senders, which might control the single color light into running mode. The running mode can not be stopped by the paired single color remote or by delete pairing.

2. Then we need a remote or wall panel that has color wheel, and pair the remote or wall panel to the receiver via above mentioned pairing method "Pairing to RF sender without learning key (Applicable to RF senders with color wheel)", then touch the color wheel to stop the running mode.

3. Then delete pairing and pair the receiver to the single color remote again, it can be controlled by the remote again.