VEROBOARD®

SR-1009FA7 (R-3A)
Constant Current Receiver, 12-36VDC 33.6-100.8W

Model No.:	SR-1009FA7 (R-3A)
Input Voltage:	12-36V DC
Output Wattage:	33.6W @12V DC
	67.2W @24V DC
	100.8W @36V DC
Output Current:	4 x 700mA (4CH x 700mA/CH)
Compatible Remote Controllers:	SR-2819S-CCT(R2)
	SR-2819S RGBW(R3)
	SR-2819S-DIM(R1)
Case Temperature (Tc):	75° C
Ambient Temperature (Ta):	20° C~+5°0 C
Dimensions:	164mm x 47mm x 23mm
	(6.45" x 1.83" x 0.88")
Certifications:	CE/cRU/RoHS

Name: _____

Company:_____

Phone: _____

Email:_____

Features:

- This LED receiver provides a constant current of 700mA for 4 channels.
- It is fully compatible with a range of single color, dual color, and RGB/RGBW RF remotes.
- The receiver allows for separate or synchronous control of multiple zones, with an unlimited number of receivers in each zone.
- Up to 8 different remotes can control each receiver.
- The brightness of each R, G, B, and W channel can be adjusted to create millions of color combinations.
- The receiver supports radio frequencies of 869.5/434/916.5MHz.

SKU: 666561430832

Universal series RF Receiver

Important: *Read All Instructions Prior to Installation*

Function introduction

DC Power input

Learning Key:
Paring with RF remote

RF LED controller

Learning Key

Master/Slave jumper

CH 1:R/WW output

CH 2:G/CW output

CH 3:B/WW output

CH4:W/CW output
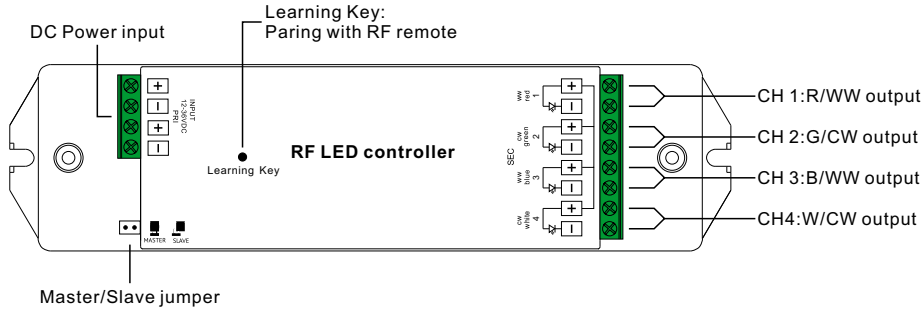
Product Data

No.	Input Voltage	Output Current	Output Power	Remarks	Size(LxWxH)
1	12-36VDC	4x5A	4x(60-180)W	Constant voltage	178x46x22mm
2	12-36VDC	4x350mA	4x(4.2-12.6)W	Constant current	178x46x22mm
3	12-36VDC	4x500mA	4x(6-18)W	Constant current	178x46x22mm
4	12-36VDC	4x700mA	4x(8.4-25.2)W	Constant current	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 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.
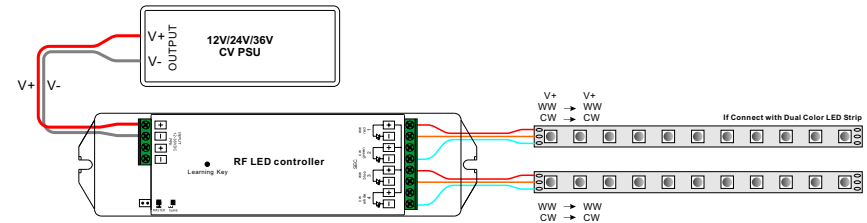
Wiring Diagram

With RGB/RGBW color LED
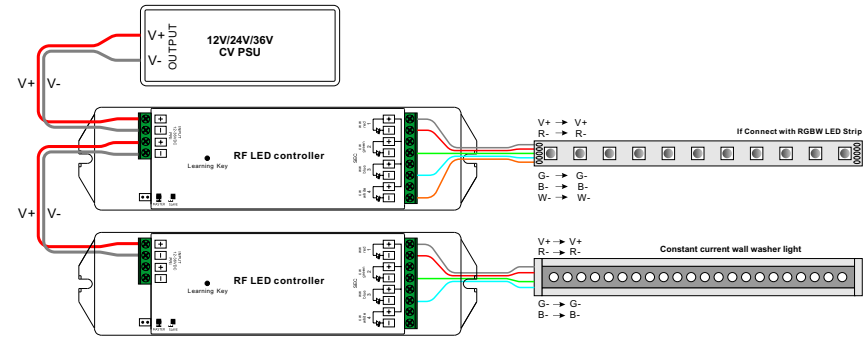
With single color LED
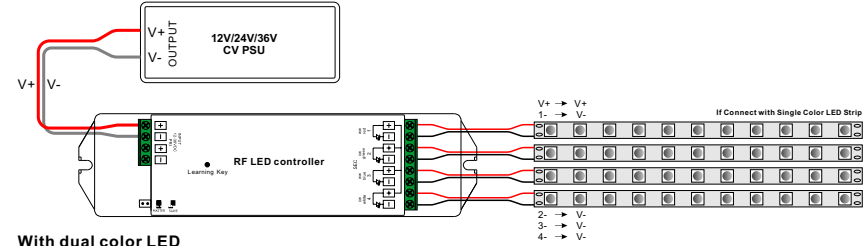
With dual color LED

Product Dimension

46 mm

178 mm

22 mm