LED Change Color RGBW Remote
-- 4 Zone--RF/WIFI

- Four zones/areas
- Press-button RGB+W controller
- Receivers work with WIFI-RF converter to be controlled by smart phone

FC CE RoHS COMPLIANT warranty 3 years ISO9001:2008

Product introduction

This controller has 4 different zones. It can get Red/ Green/ Blue/ White color directly. The remote controller can save up to 3 colors or 3 modes into corresponding buttons (S1,S2,S3) for each zone.

You can choose any color through color wheel. you can set the system as RGB 3-channel output, or RGBW 4-channel output.
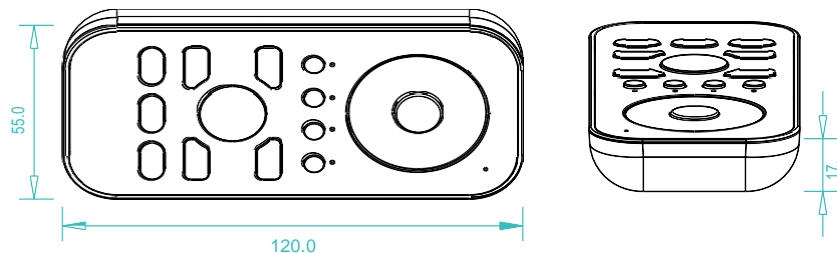
Parameter

Remote

Operation Voltage	Operation Frequency	DIMENSIONS ø/h (mm)	Remarks
3.6VDC	434MHz/868MHz	48x140x16	load 3pcs 7 AAA (1.5V) batteries

Receiver

Iuput Voltage	Current	Output	Remarks
12-36VDC	4x8A	4x(96-288)W	Constant voltage

Product Size

55.0

120.0

17.

Brief introduction of buttons

Indicator: indicate the state of remote control

White channel: the 4th channel

Color wheel

4 zones: each zone can save 3 color or modes

Brightness: dim down

Brightness: dim up

ON/OFF of all zones

Running button/Speed button

ww nw and cw mixed by RGB

Save button
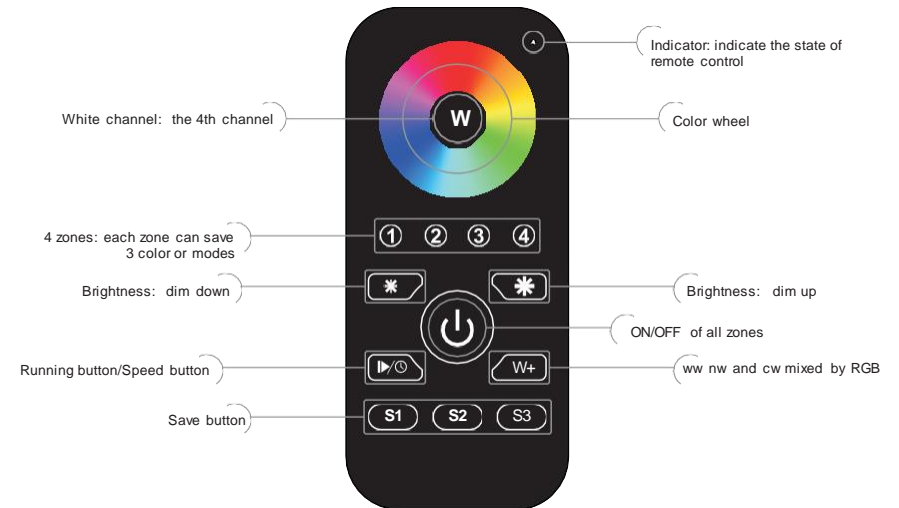
Wiring diagram

1) Receiver Connection Diagram for Single Unit

Power Supply 12-36VDC

110V-230VAC

LED CONTROLLER
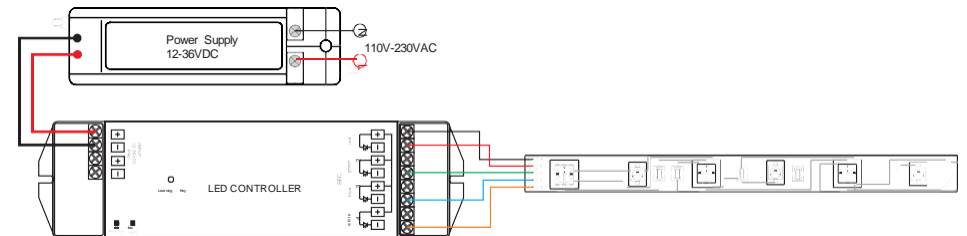
2) Receiver Connection Diagram for Multiple Units

Power Supply 12-36VDC

110V-230VAC

Note:
- One receiver can work with 1-8pcs
- One control multiple receivers
- The power supply chosen must be 20% higher than the actual load

LED CONTROLLER

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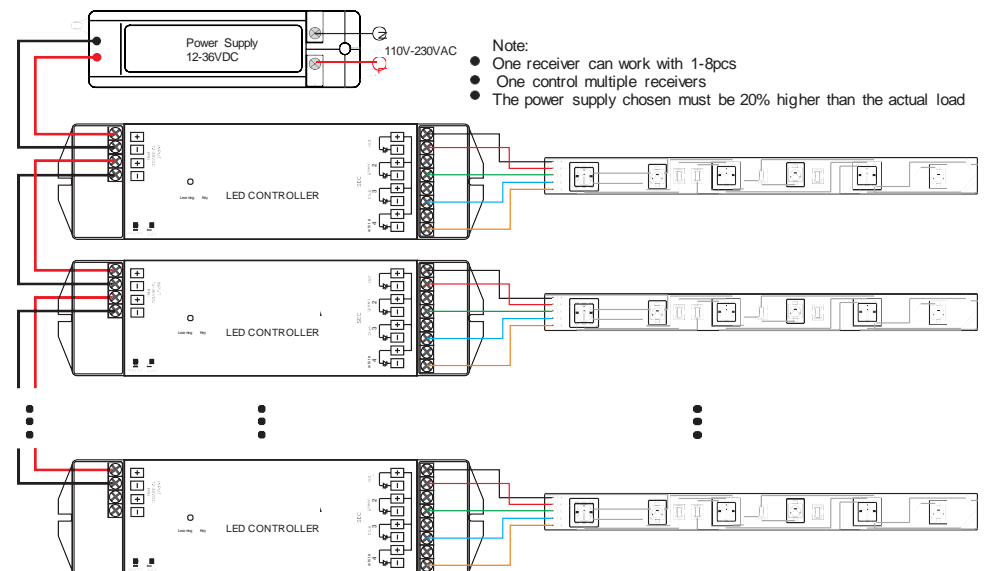
Operation

Learning (matching)
a. Do wiring according to connection diagram
b. Wake up the remote control by touching ON/OFF button.
c. Press learning button on receiver.
d. Touch any zone button on remote control.
e. Then touch color wheel.
f. Connected LED light will blink to confirm zone designation.
g. Press at learning button on receiver over 5 seconds until LED light flash, then delete the learned ID.

Note 1: To choose a master from slaves by jumper for each zone.
Short circuit for master.
Open circuit for slave.
Each zone only can set one master controller. After a period of time, the master will do synchronization
operation to keep the same color or mode of all slaves in one zone.

Note 2: Each remote control 4 zones (areas) receivers, each area can be learned as many receivers as we can.
Each receiver maximally can be controlled by 8 different remote controllers.

Color wheel

Choose zone number ① ② ③ ④ , for example, ① and ③, then touch [color wheel icon], choose the color you want, zone 1 and 3 will indicate corresponding color as we touched.

**Brightness Up & Down Button**

Short/Long press button [✱] to dim down brightness of RGB channels, Short/long press [✱] button to dim up RGB channels.
"W" channel is separated from RGB channels, so we can only long press button to dimming "W" channel.

Running Mould & Speed Button

a. Short press [▶/⊙], mode will run. Press it once, it runs one mode. Press button again, it stops, then press one more time, it will enter next mode. There are total 10 build-in modes.
b. Long press [▶/⊙] when mode is running, Fist long press will speed up the color moving, long press again to speed down the color moving.

W+ Button

a. RGB channel will mix to three different white: warm white, nature white and cold white by short press [W+]
For example: first press---warm white, press again---nature white, third press again—cold white, fourth press—warm white……………
b. Fast click twice [W+] to switch off RGB channel.

Save and recall button

a. ┆ Save color: select zones from ① ② ③ ④ ┆ → ┆ select a color from [color wheel icon] ┆

┆ LED lighting flash twice indicate save successful ┆ ← ┆ long press one save button from S1,S2,S3 for 2-3 second ┆

b. ┆ Save running mold: select zones from ① ② ③ ④ ┆ → ┆ select a moving mode from [▶/⊙] ┆

┆ LED lighting flash twice indicate save successful ┆ ← ┆ long press one save button from S1,S2,S3 for 2-3 second ┆

c. Recall: select zone button which we want recall from 1-4, then short press save button S1,S2,S3.

Safety & Warnings

1) The product shall be installed and serviced by a qualified person.

2) IP20. Please avoid the sun and rain. When installed outdoors, please ensure it is mounted in a water proof enclosure.

3) Always be sure to mount this unit in an area with proper ventilation to avoid overheating.

4) Please check if the output voltage of any LED power supplies used comply with the working voltage of the product.

5) Never connect any cables while power is on and always assure correct connections to avoid short circuits before switching on.

6) Please ensure that the cable is secured tightly in the connector

7) For update information please consult your supplier.

Warranty Agreement

1) We provide lifelong technical assistance with this product:

● 2-year warranty. We print date on every products. The warranty is for free repair or replacement and covers manufacturing faults only.

● For faults beyond the 2-year warranty we reserve the right to charge for time and parts.

2) Limited Warrenty

● Any defects caused by wrong operation.

● Any damages caused by unauthorized removal, maintenance, modifying, incorrect connection and replacement of chips.

● Any damages due to transportation, vibration etc. after purchase.

● Any damages caused by earthquake, fire, lightning, pollution and abnormal voltage.

● Any damages caused by negligence, inappropriate storing at high temperatures and humidity or near harmful chemicals.

● Product has been updated

3) Repair or replacement as provided under this warranty is the exclusive remedy to the customer.