# SR-2818&SR-1009XX full touch RGBW remote controller User Manual

Remote: SR-2818                    Receiver: SR-1009FAWi

## 1.Brief introduction

SR-2818 RGBW remote controller is full touch remote controller which has 8 different zones. It can get Red/ Green/ Blue/ White color directly. The remote controller can save up to 8 colors or 8 modes into corresponding buttons (1-8 buttons) for each zone. You can choose any color through color wheel. There is a USB port to charge internal battery.

## 2.Performance Parameter

2.1 Sender: (SR-2818)
Operation voltage: 3.6VDC
Operation frequency: 434MHZ / 868MHZ
Battery: Lithium battery.

2.2 Receiver: (SR-1009FA/ SR-1009F3/ SR-1009F7))
Input voltage: 12-36VDC
Output voltage: 12-36VDC
SR-1009FA: 4 channels x 5A, 4channels x (60-180W)
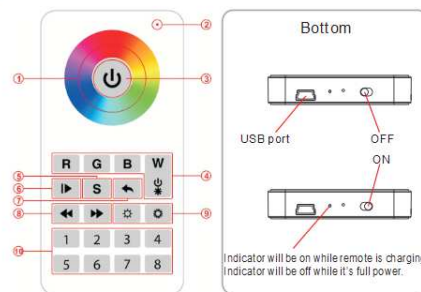SR-1009F3: 4 channels x 350mA, 4 channels x (4.2-12.6W)
SR-1006F7: 4 channels x 700mA, 4 channels x (8.4-25.2W).

Note: SR-2818 can also control WIFI receiver (SR-1009FAWi/ SR-1009F3Wi/ SR-1009F7Wi).

When WIFI receivers are not controlled by software, then you can use SR-2818 remote. The operation will be the same.

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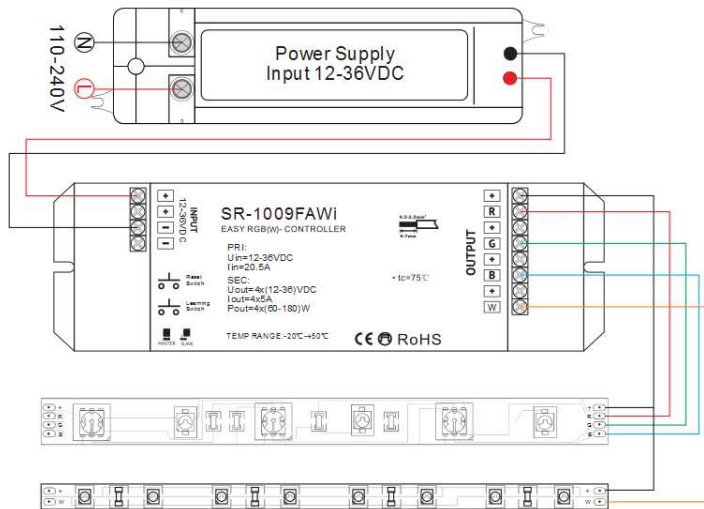## 3.Brief introduction of buttons

①　Color wheel
②　Indicator
③　ON/OFF button
④　R/G/B/W button
⑤　Save color button
⑥　Play & Pause button
⑦　Return previous status button
⑧　Speed down & speed up button
⑨　Brightness button
⑩　Zone button

Bottom

USB port          OFF
                  ON

Indicator will be on while remote is charging
Indicator will be off while it's full power.

①　Learning button
②　Jumper
③　12-36VDC input
④　4 channels output
⑤　Press 3 seconds, release, the wifi module will restore to factory settings (only for SR-1009FAWi SR-1009FA3Wi,SR-1009FA7Wi)

## 4.Wiring Diagram

Power Supply
Input 12-36VDC

110-240V

SR-1009FAWi
EASY RGB(w)- CONTROLLER
PRI:
Uin=12-36VDC
Iin=20.5A
SEC:
Uout=4x(12-36)VDC
Iout=4x5A
Pout=4x(60-180)W

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## 5.Operation

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

Note: To choose a master from slaves by jumper for each zone.
   Short circuit for master.
   Open circuit for slave.

Each zone only can set 1 slave to be master. After a period of time, the master will do synchronization operation to keep the same color or mode of all slaves in one zone.

3. Touch [R] [G] [B] [W] button is to switch on/off of each corresponding color.

Hold your finger on [R] [G] [B] [W] button to dim brightness of each corresponding color. There are total 8 levels of brightness.

Note: If you press R, then press G, then it is mix color of R and G. If you want to get G color directly, please press R to switch off of R first. Then press G.

4. Touch [▶] button is to play mode or do pause operation of mode. There are 10 build-in modes in this button.

5. Touch [S] button is for saving color or mode at 1-8 buttons. Each zone (Each receiver) can save 8 modes or 8 colors. Operation is show as below:

Choose zone number [1 2 3 4 / 5 6 7 8] ----> Touch [▶] button, mode is running -----> save favorite mode to button [1 2 3 4 / 5 6 7 8] in 1 zone-----> touch [S] (over 2 seconds) to save program into zone until the blue indicator on.

Choose zone number [1 2 3 4 / 5 6 7 8] ----> Touch color wheel ⬤ to get favorite color -----> save favorite color to button [1 2 3 4 / 5 6 7 8] in 1 zone-----> touch (over 2 seconds) to save color into zone until the blue indicator on.

If you want to play your saved color or mode, choose zone number from 1 to 8, then touch [S], then touch saved number in that zone. Then it will play.

6. Touch [↩] button to return previous color or running mode.

7. Touch [◀◀] button to speed down when mode is running, touch [▶▶] button to speed up when mode is running.

8. Touch [☼] button to dim down whole brightness of LED lighting, touch [☼] button to dim up whole brightness of LED lighting.

9. Touch [1 2 3 4 / 5 6 7 8] button one by one, such as press button 1,2,3,4,5,6, then press [▶] button, then saved color or mode in button 1,2,3,4,5,6 will run chasing mode one by one.

### Other application

SR-2818WITR can convert RF signal to WIFI signal. Then it makes smart phone control SR-1009FA RF receiver. Via SR-2818WITR, one smart phone can control several RF receivers.



### 5.ISO or android system connection to the SR-1009XXWi



a. Open wifi connection setting interface, connect your phone to EASYCOLOR network.

b. Open EASYCOLOR installed on the phone , press [✗] to the setting interface, and enter the following:
SSID [EASYCOLOR]
IP: [10.10.100.254] [8899]
Name:[____] (the name you want or don't enter anything.)

c.Press button [○] to turn it on ,and press button [Back] to back to the main operation interface.

d.The method of controlling SR-1009XXWi by the phone is the same as SR-2818.

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