

SR-2818&SR-1009XX full touch RGBW remote controller

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: 4.5VDC

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, 34channels 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).

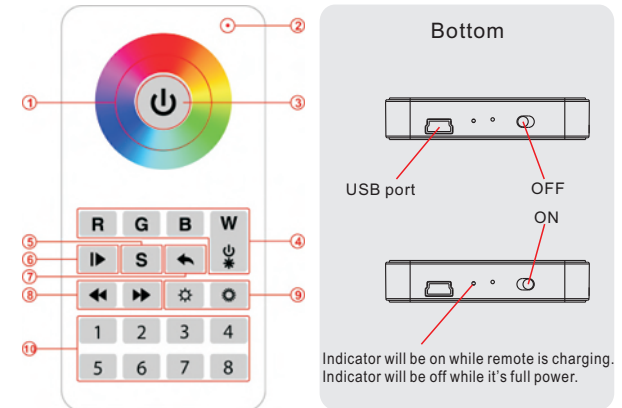


Note: SR-2818 can also control WIFI receiver (SR-1009FAWi/ SR-1009F3Wi/ SR-1009F7Wi).

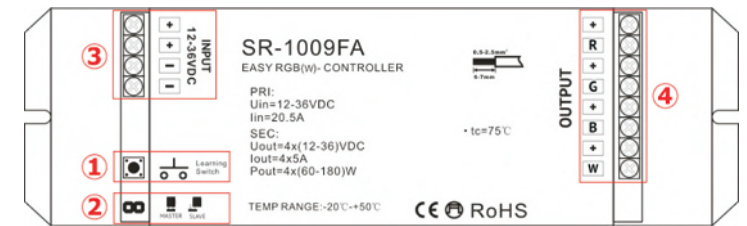
When WIFI receivers are not controlled by software, then you can use SR-2818 remote. The operation will be the same.

3. Brief introduction of buttons

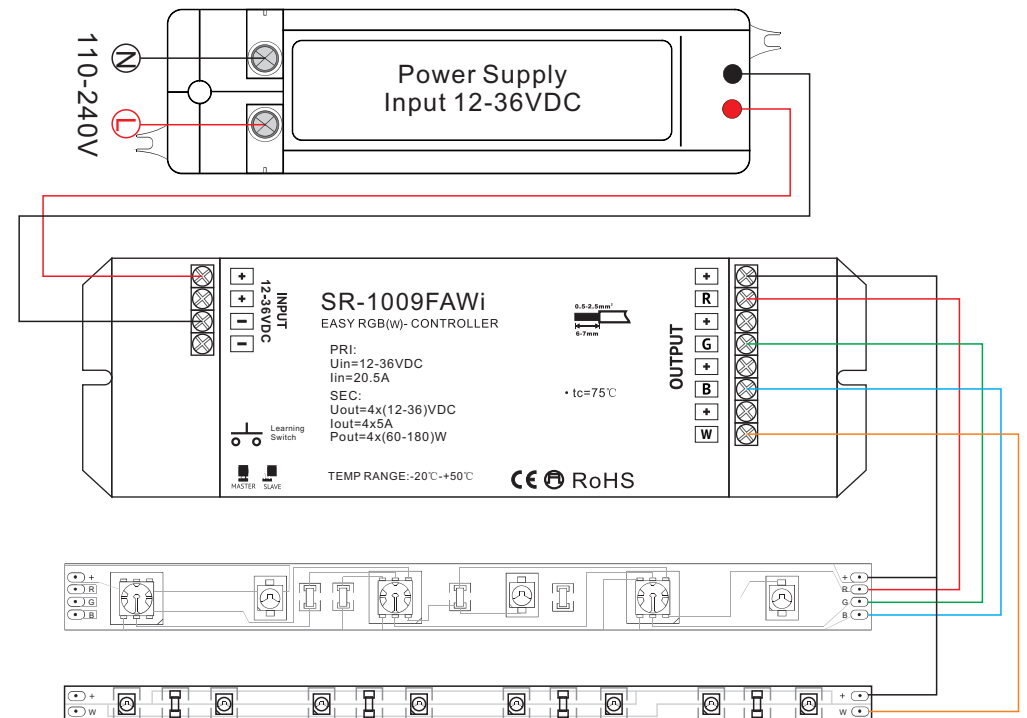
- ① Color wheel
- ② Indicator
- ③ ON/OFF button
- ④ R/G/B/W button
- ⑤ Save color button
- ⑥ Play & Pause button
- ⑦ Return previous status button
- ⑧ Speed down & speed up button
- ⑨ Brightness button
- ⑩ Zone button

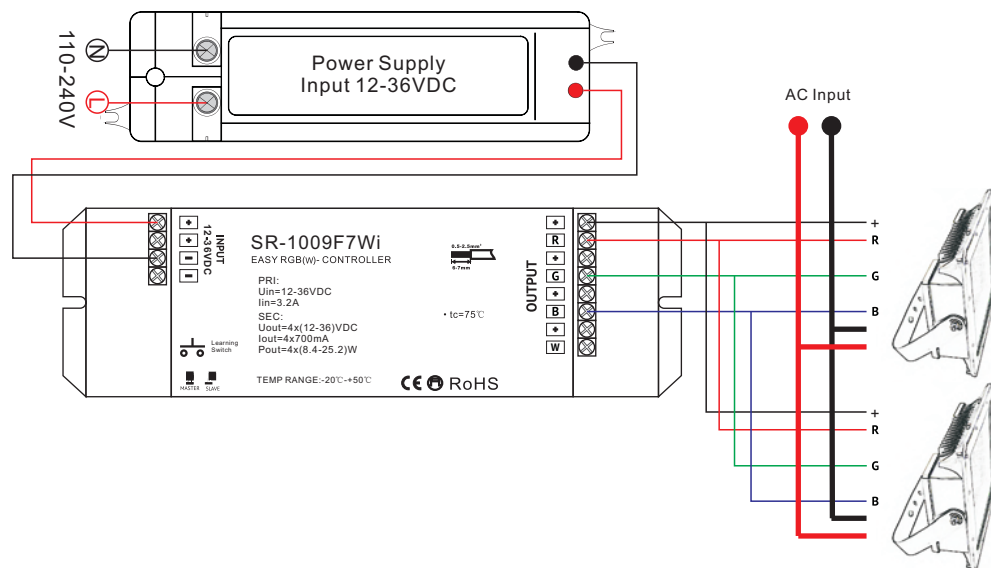


- ① Learning button
- ② Jumper
- ③ 12-36VDC input
- ④ 4 channels output



4. Wiring Diagram





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. Connected LED light will blink to confirm zone designation.
 - e. 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 is to be slave.
Open circuit is to be master.

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 button is to switch on/off of each corresponding color.

Hold your finger on 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 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:

Touch button, mode is running -----> touch several or

single zone button -----> touch (over 2 seconds) to save program into zone

Touch color wheel to get any color you want -----> touch several or

single zone button -----> touch (over 2 seconds) to save color into zone.

If you want to play your saved color or mode, touch , then touch saved zone number. 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 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.