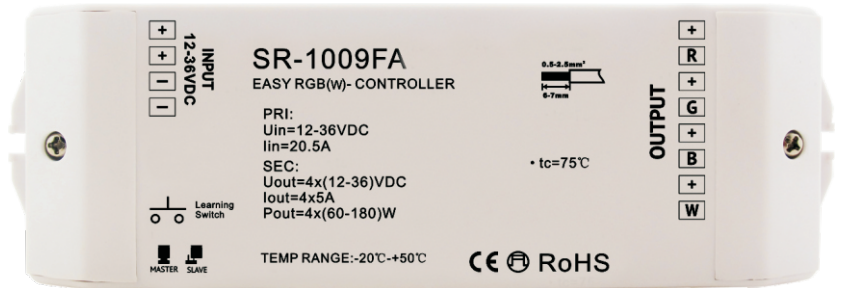


SR-2820&SR-1009XX RF RGB(W) controller User Manual



Remote: SR-2820



Receiver: SR-1009FA

1. Product introduction

SR-2820 touch panel (For RGBW) is high sensitive glass touch panel, which has 4 different zones. It can get Red/ Green/ Blue/ White color directly. The wall mounted controller can save up to 4 colors or 4 modes into corresponding buttons (1-4 buttons) for each zone. You can choose any color through color wheel. any finishing color could be customized. This wall switch suit for any RGB or RGBW LED lightings for home club bar etc.

2. Performance Parameter

2.1 Sender: (SR-2820)

Operation voltage: 12-24VDC

Operation frequency: 434MHZ / 868MHZ

Size(mm): 86x86x41

2.2 Receiver: (SR-1009FA/ SR-1009FA3/ SR-1009FA7))

Input voltage: 12-36VDC

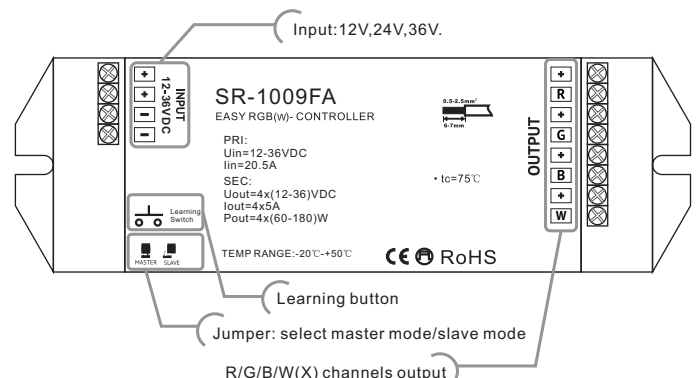
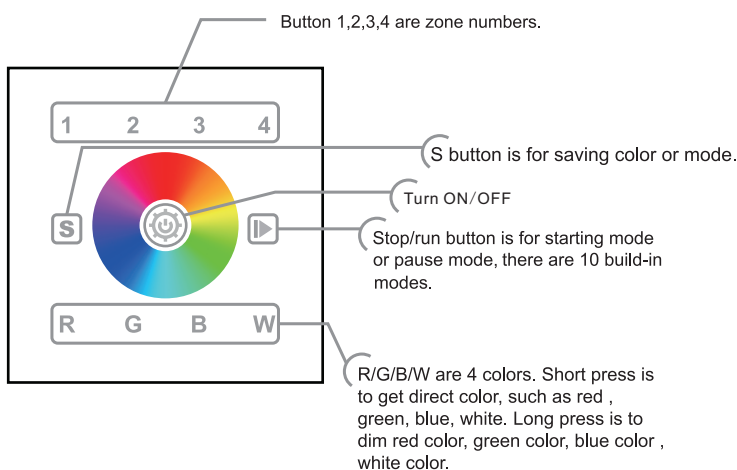
Output voltage: 12-36VDC

SR-1009FA: 4 channels x 5A, 4channels x (60-180W)

SR-1009FA3: 4 channels x 350mA, 4 channels x (4.2-12.6W)

SR-1006FA7: 4 channels x 700mA, 4 channels x (8.4-25.2W).


3. Button introduction



4.Operation

1. Do wiring according to connection diagram

2. Learning process

- Wake up the panel by touching ON/OFF  button.
- Press at learning button on receiver.
- Touch any zone button on panel.
- Then touch color wheel.
- Connected LED light will blink to confirm zone designation.
- 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.how to save color or mode

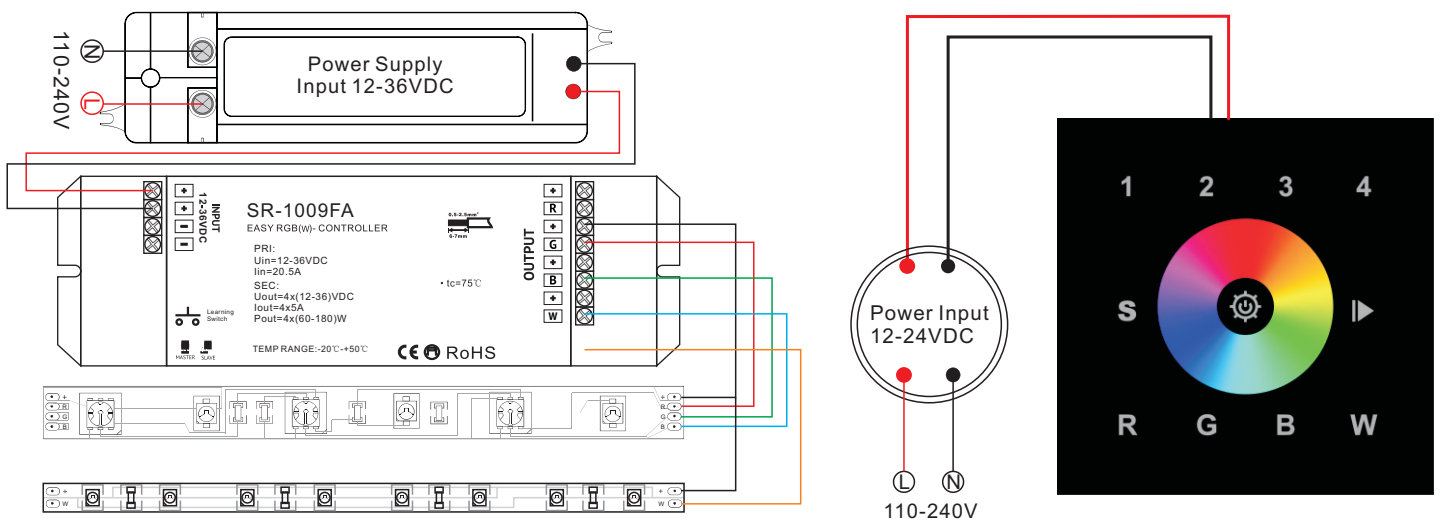
Button can save the color from mode or save color when you touch color wheel.

In "S" button, it saved "R/ G/ B" 3 colors in default. But with your operation, you can save another 3 colors replace those R/G/B colors.

Press any zone button----> press  button, mode runs, see favorite mode---> press "S"  button over 3 seconds until connected light flashes. Then it saved successfully.

Press any zone button----> touch  color wheel, see favorite color---> press "S"  button over 3 seconds until connected light flashes. Then it saved successfully.

5.Wiring diagram



6.Installation

