



EP-2818-WI-RC

EP-2818-WI-RC REMOTE



EP-1009-EA-WI-CV



Product Introduction:

EP-2818-WI-RC 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.

Performance Parameter

Sender: (EP-2818-WI-RC)

Operation voltage:	3.6VDC
Operation frequency:	434MHZ / 868MHZ
Battery:	Lithium battery

Receiver: (EP-1009-EA-WI-CV) - **Constant Voltage**

Input voltage:	12-36VDC
Output voltage:	12-36VDC
EP-1009-EA-WI-CV:	4 channels x 5A, 4channels x (60-180W)

Receiver: (EP-1009-E3-WI-CC) - **Constant Current**

Input voltage:	12-36VDC
Output voltage:	12-36VDC
EP-1009-E3-WI-CC:	4 channels x 350mA, 4 channels x (4.2-12.6W)

Receiver: (EP-1009-E7-WI-CC) - **Constant Current**

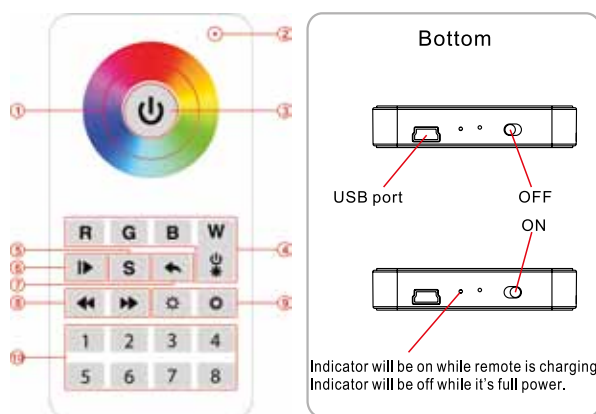
Input voltage:	12-36VDC
Output voltage:	12-36VDC
EP-1009-E7-WI-CC:	4 channels x 700mA, 4 channels x (8.4-25.2W)

Note: EP-2818-WI-RC can also control WIFI receiver (EP-1009EAWi/EP-1009F3Wi/ EP-1009F7Wi). When WIFI receivers are not controlled by software, then you can use SR-2818 remote. The operation will be the same.



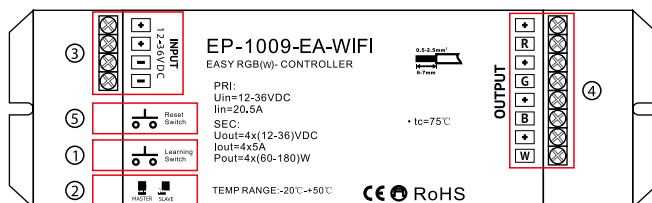
Brief introduction of buttons

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

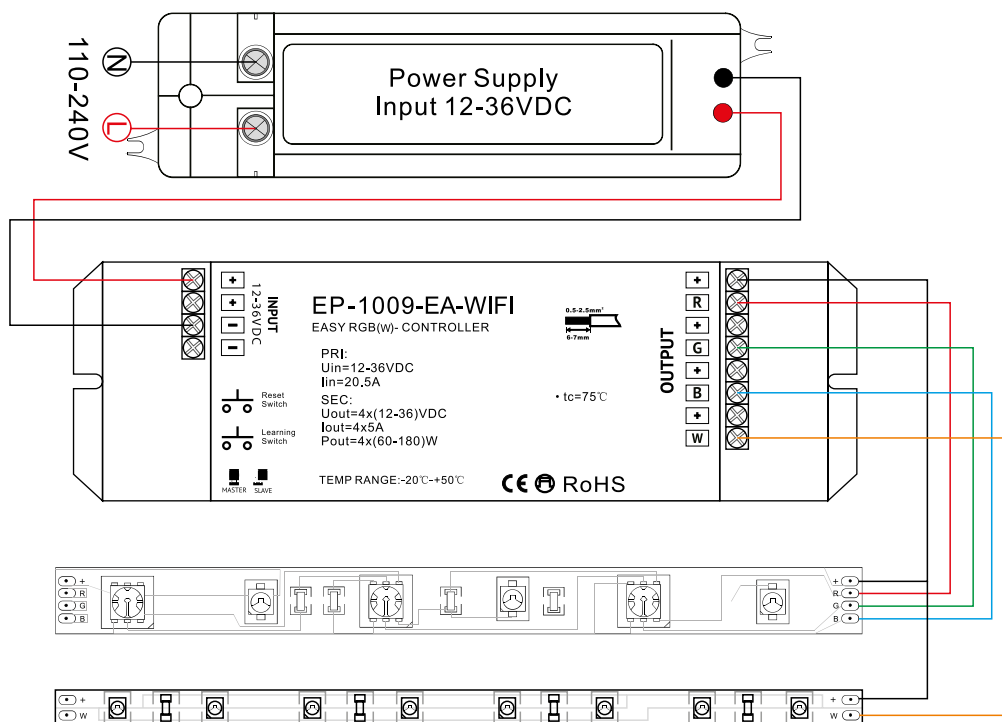


1. Learning button
2. Jumper
3. 12-36VDC input
- 4 channels output
5. Press 3 seconds, release,

the wifi module will restore to factory settings (only for SR-1009FAWi SR-1009FA3Wi,SR-1009FA7Wi)



Wiring Diagram



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     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:

Choose zone number  ----> Touch  button, mode is running ----> save favorite mode to button 
in 1 zone----> touch  (over 2 seconds) to save program into zone until the blue indicator on.


Choose zone number  ----> Touch color wheel  to get favorite color ----> save favorite color to button 
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 , 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  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

EP-2818-WI-RC can convert RF signal to WIFI signal. Then it makes smart phone control EP-1009-EA-WI-CV RF receiver. Via EP-2818-WI-RC, one smart phone can control several RF receivers.




ISO or android system connection to the EP-1009-EA-WI-CV

- EP-1009-EA-WI-CV your phone to EASYCOLOR network.
- Open EASYCOLOR installed on the phone, press  to the setting interface, and enter the following:

SSID:EASYCOLOR

IP:

Name: (the name you want or don't enter anything.)

- Press button  to turn it on ,and press button  to back to the main operation interface.

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



EP-WI-RTR