Features:

Compatible with any common 12V or 24V DC RGB LED strips or RGB lamps. The infrared remote control can be used to easily access 16 predefined colors as well as dimming and 22 pattern modes with pulsating, blinking, cross-fading and instant changes. The infrared remote control has a range of up to 5 meters. The PWM dimmer and the High-power MOS driver grant a fading without flashes up to current of 3A per channel.

- reasonable control distance
- cost effective
- compact design style
- user interface friendly and diverse

Electrical specifications

Input voltage: DC 12/24V.

Output channel: 3 channels signal output(R/G/B).

Output current: 3A for each channel (9A total).

MAX Output power: 108W (12V input)/ 216W (24V input).

Function Description:

1. 16 color modes (white also can be dimmable)
2. 22 changing patterns: pulsating, blinking, cross-fading and instant changes.

Changing Patterns

1.Constant Red

2. Constant Red Orange

3. Constant Dark Orange

4. Constant Orange

5. Constant Yellow

6. Constant Green

7. Constant Light Green

8. Constant Ultramarine

9. Constant Blue Green

10. Constant Cyan

11. Constant Blue

12. Constant Light Blue
13. Constant Purple
14. Constant Crimson
15. Constant Magenta.
16. Constant white
17. Blinking Red
18. Blinking Green
19. Blinking Blue
20. Blinking Yellow
21. Blinking Cyan
22. Blinking Magenta
23. Blinking White
24. 7-color Jump
28. Pulsating Yellow
29. Pulsating Cyan
30. Pulsating Magenta
31. Pulsating White
25. Pulsating Red
26. Pulsating Green
27. Pulsating Blue
32. Red Brighter
33. Green Brighter
34. Blue Brighter
35. Yellow Brighter
36. Cyan Brighter
37. Magenta Brighter
38. White Brighter

Dimensions (Unit: mm/inch)
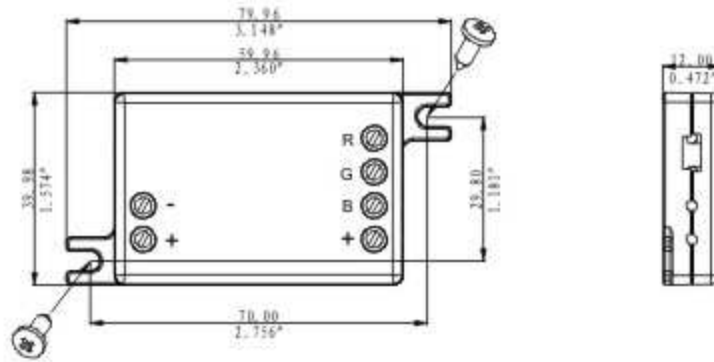
Operating Instructions:

1. Plug the infrared receiver into the USB port (at the top-left of the controller)

2. Connect the corresponding colors of the RGB LED appliance to the output of the controller in the correct sequence.

3. Connect the power supply to the "+" and "-"terminals (at the bottom-left of the controller) .Positive and Negative should not be reversed.

Controller Connection Diagram

IR

DC supply

R
G
B
+

-
+

LED