Square Touch Interface Controller

(RGB Series)

LC-0RGB-D5-05

Features

Compatible with any RGB LED products.
The touch ring is used for easy color access, there are 16 predefined pattern models with cross-fading, pulsating and instant changes.

Technical Parameters

1.Input voltage: DC 12V / 24V
2.Output channel: RGB (3 channels)
3.Output current: 3A / channel
4.Output type: common anode

Function Description

1. 16 predefined patterns
2. Brightness, color and speed control
3. Power-loss memory recovery function
4. Touch surface with full color selection ring

Operation Description

1. The key function:

⏻ Power
Mode selection/ speed adjustment
− Brightness, speed, mode reduce
+ Brightness, speed, mode increase
☀ Brightness adjustment

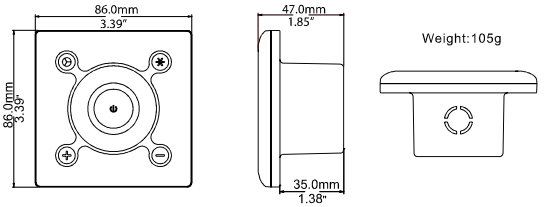
2. Keys function description:

⏻ Touch to switch the power on and off
Touch to activate pattern selection
☀ Touch to activate the brightness setting (only available with static color patterns)
+ Touch to adjust the following settings:
  Next pattern
  ☀ Increase the brightness
− Touch to adjust the following settings:
  Previous pattern
  ☀ Decrease brightness

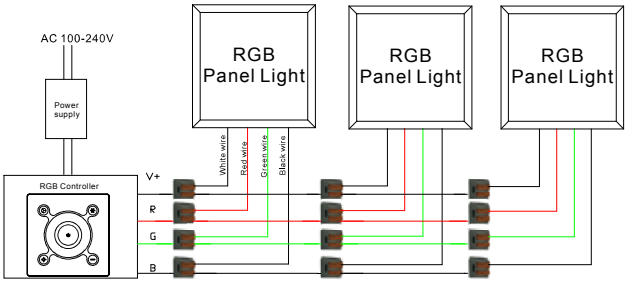
Changing Patterns

1. static red
2. static green
3. static blue
4. static yellow
5. static purple
6. static cyan
7. static white
8. seven-color jump
9. seven-color gradual change
10、red gradual change
11. green gradual change
12. blue gradual change
13. yellow gradual change
14. purple gradual change
15. cyan gradual change
16. white gradual change

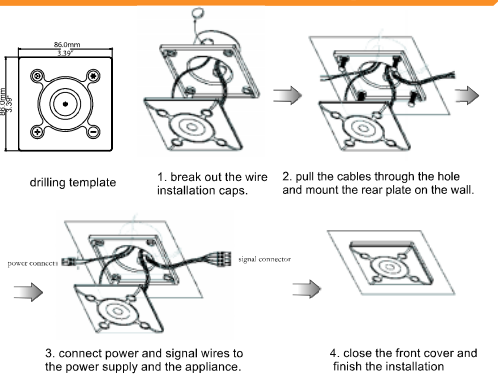
Dimensions



Connection drawing



Installation drawing



Notes

1. The output of the controller needs to be connected to the corresponding color of the RGB LED appliance correctly.
2. Use only 12V DC or 24V DC power supplies, do not use high voltage AC!
3. The output voltage should correspond to the input voltage.