



Dimmable RGB Controller

LC-0RGB-D5-03



Features

Compatible with 24V/12V RGB strips and low voltage RGB lamps, built-in 16 modes, can use remote controller (key) to choose the mode and adjust the light, use the knob to adjust the light and match color.

Technical Parameter

Input Voltage: 12-24V DC

Output Channel:

Three channels of RGB 6A/channel*3

Output Power:

216W(12V input) / 432W (24V input)

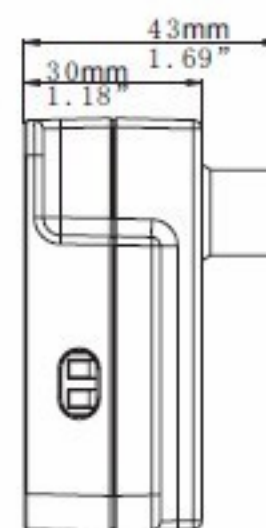
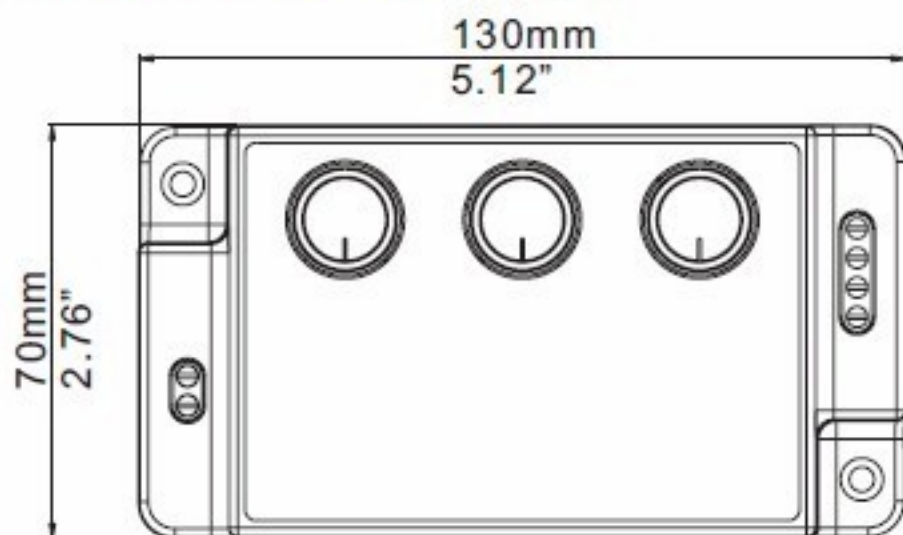


Key board

Dimensions (Unit: mm/inch)

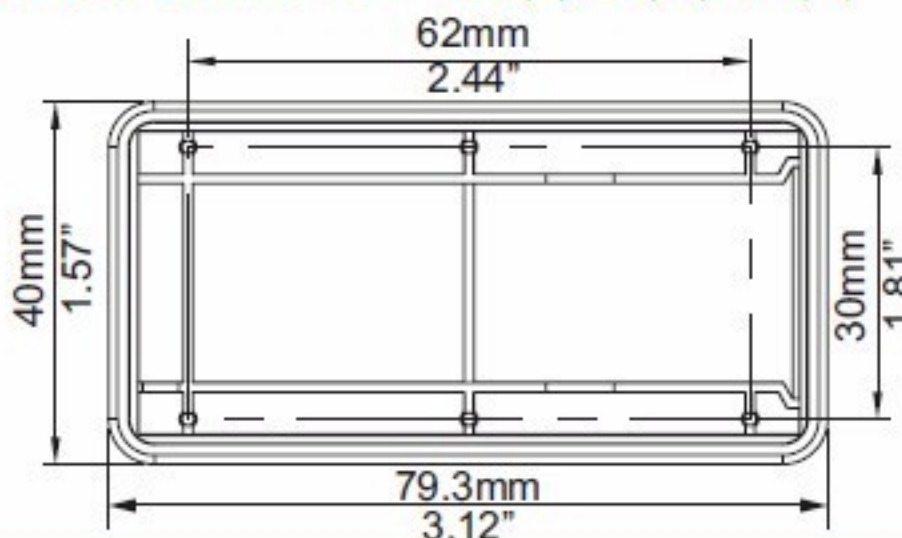
Controller: 130(L)*70(W)*43(H)

Weight: 160g



Remote controller: 79.3(L)*40(W)*6.7(H)

Weight: 20g





Function Descriptions

1. 16Modes
2. Dimmer light on the static mode, adjust the speed on the dynamic mode
3. Power off memory function
4. Max useful distance of the ultrathin remote controller: 40M (without any barrier)
5. Functions of the 8 keys, change the mode, adjust the speed and the luminance etc.
6. RGB full color knob for light-dimmer and color blending function

Changing Patterns

- 1、 Static Red
- 2、 Static Green
- 3、 Static Blue
- 4、 Static Yellow
- 5、 Static Purple
- 6、 Static Cyan
- 7、 Static White
- 8、 RGB jump
- 9、 Red fades
- 10、 Green fades
- 11、 Blue fades
- 12、 Yellow fades
- 13、 Purple fades
- 14、 Cyan fades
- 15、 White fades
- 16、 RGB fades

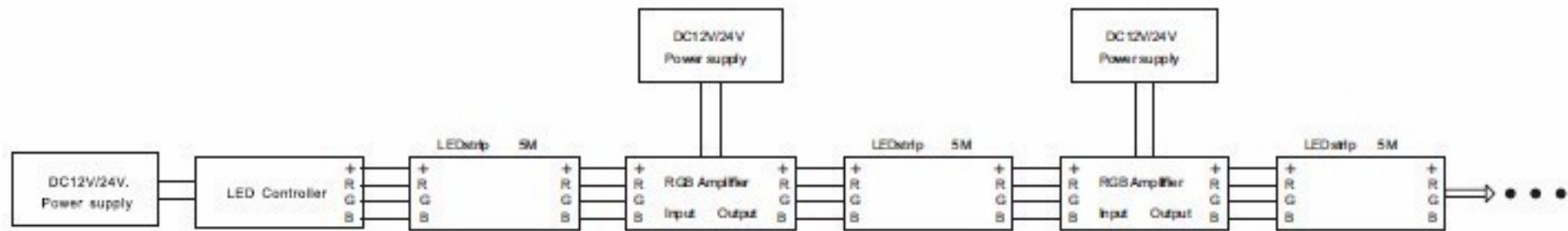
Operation Descriptions

- 1.Function of the key board keys
 - 1).POWER Power on / off
 - 2).PAUSE Freeze the status when fade or jump, invalid under static mode
 - 3).MODE+ Mode +
 - 4).MODE- Mode -
 - 5).SPEED+ Speed+, invalid under static mode
 - 6).SPEED- Speed-, invalid under static mode
 - 7).BRT+ Brightness+, invalid under light fade mode except pause is enabled
 - 8).BRT- Brightness-, invalid under light fade mode except pause is enabled
- 2.How to match a controller with a key board with different address code?
 - 1). When the controller is on work, press the POWER key to turn off the controller, then the LED luminaires' light will go out.
 - 2).Press the PAUSE key, the LED luminaires light in red color
 - 3).Press any keys of the remote controller, the LED luminaires flicker, it means the controller has already matched the key board.





Linking Operation



Cautions

1. This controller has 3 output channels and making sure the correct wires connecting
2. Please use the DC 12-24V power supply, civil HVPS is forbidden.
3. The average current of each channel should not over 6A, or it will destroy your production.
4. You need match the address only when the remote key board can not the operate the controller
5. The control ler doesn't work when it is connected with the strips or other RGB LED products.
 - (1) Please check whether the power supply is working.
 - (2) If the power supply is ok, maybe the control ler is under the fade mode and PAUSE function enabled, press the MODE key on the key board several times to change into other modes or disconnect the power supply and connect again.
 - (3) Match the key board again as before.

