Product Specifications

SIM Wall Mount RGB Controller 1 Zone

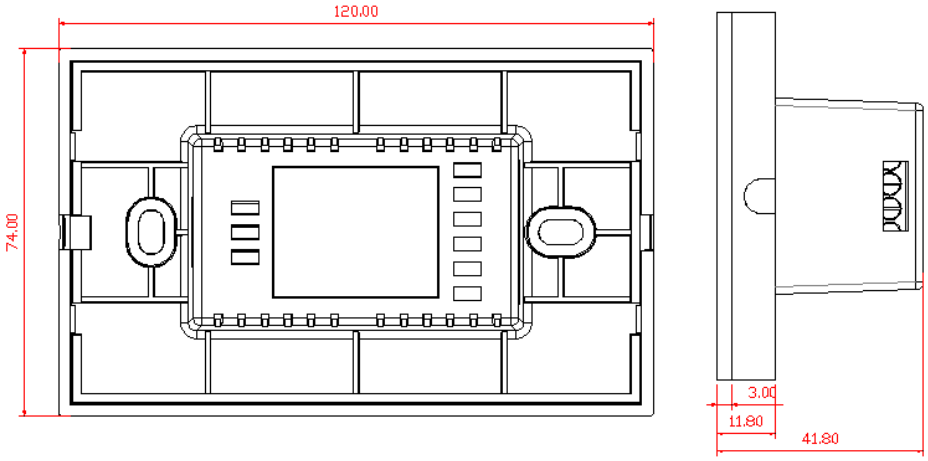
Summary

The RGB controller is a new high-end controller, which adopts glass panel design, is beautiful and fashionable in appearance. It adopts high precision capacitance touch control chip, increases the touch sensitivity, reduces trigger which caused by mistake. It is used for controlling a variety of lamp whose source of light is LED. For instance, point source of light, flexible light strip, panel lights etc.

Technical Parameters

- Working temperature: -20-60 ℃
- Supply voltage: DC12-24V
- Output voltage: DC12-24V
- Output: 3 channels
- Connection mode: common anode
- External dimension: L74 X W120 X H41.8mm
- Packing size: L150X W100 X H57 mm
- Net weight: 155g
- Gross weight: 217g
- Static power consumption: <1W
- Output current: <4A (each channel)
- Output power: 12V<144W, 24V<288W

External Dimension



Unit: mm

Interface Specifications

5 and 6: power input, input voltage range: 12-24V, 5 for positive, 6 for negative.
1 ,2,3 and 4: power output, output voltage is 12-24V, Max output current is 8A, 4 for positive, 3 for red led interface, 2 for green led interface, 1 for blue led interface.

Instruction:

change to static color in color circle when touch it whatever it's in static or dynamic mode.

turn on/off dimmer at any state; when in an open state, long press the button more than 3 seconds to open or close the output of the buzzer.

19 kinds of dynamic mode switching.

20 kinds of static mode switching.

increase/ reduce brightness, speed when static state (max value for white part, min value for gray part, 25 grade brightness, 100 grade speed.

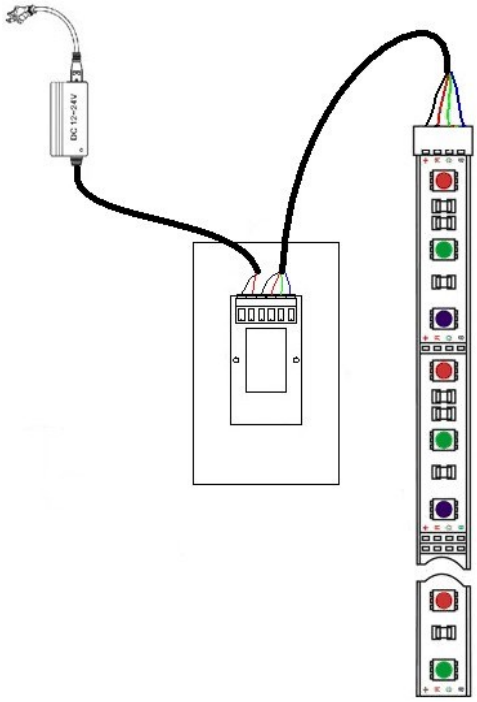
Dynamic mode shown in the below table:

Mode No.	Function	Mode No.	Function	Mode No.	Function
1	red burst flashing	8	Three-color jumping	15	purple gradually fades
2	green burst flashing	9	six-color jumping	16	white gradually fades
3	blue burst flashing	10	red gradually fades	17	three-color gradually fades
4	yellow burst flashing	11	yellow gradually fades	18	seven-color gradually fades
5	white burst flashing	12	green gradually fades	19	seven-color gradual changing
6	Three-color burst flashing	13	cyan-blue gradually fades		
7	Three-color flashing	14	blue gradually fades		

Static mode shown in the below table:

No.	Mode	No.	Mode	No.	Mode
1	Red	8	Cyan	15	Brown
2	Orange	9	Light-blue	16	White
3	Deep-yellow	10	Sky-blue	17	Ivory
4	Yellow	11	Blue	18	Pink-white
5	Light-yellow	12	Deep-blue	19	Yellow-white
6	Green	13	Blue-purple	20	Blue-white
7	Light green	14	Purple		

Typical Application



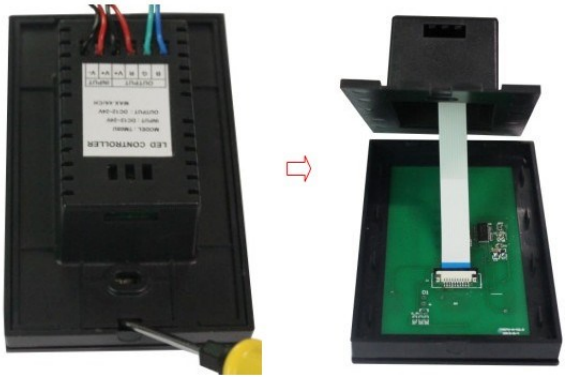
Installation Method

1. Wiring

   Connect wiring according to typical application. Refer to typical application.

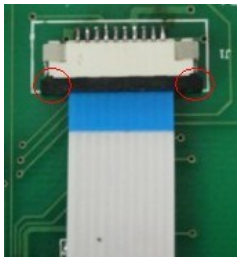
2. Open the panel

   Gently pry gaps in touch panel with a screwdriver, and then you can slowly remove the panel, as shown below;

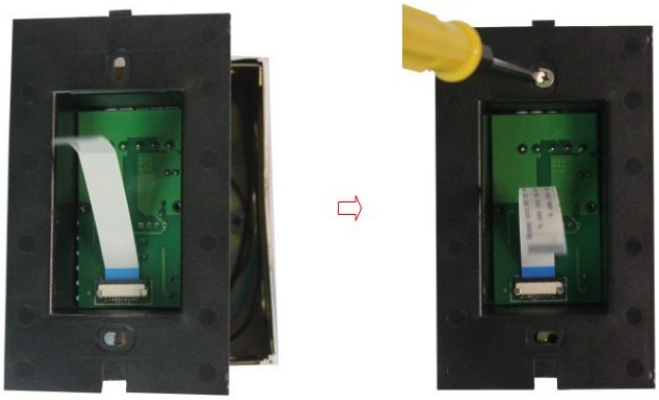


3. Install switch base

Step 1: Remove the ribbon cable. Press the place which marked by red circle and pull out to remove the ribbon cable, push in to press it hard. Like the figure below:

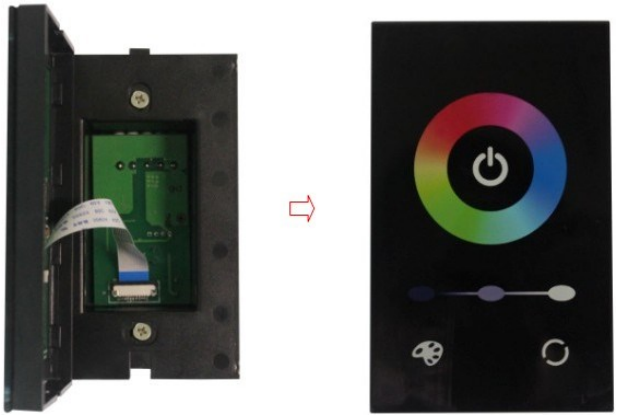


Step 2: Put touch panel controller in the cassette on the wall, screw it an the wall, then install the switch base on the wall. See pictures below:



4. Cover touch panel

Look at the direction of touch panel, install the ribbon cable, and then cover the touch panel.



Remarks:

1. Connect the load wire at first, following by the power wire; Please ensure short circuit cannot occur between connecting wire before you turn on the power.
2. The supply voltage of controller ranges in DC12V~DC24V, it may burn out the controller once exceed the voltage ranges.