TM02 Touch Panel RGB Controller
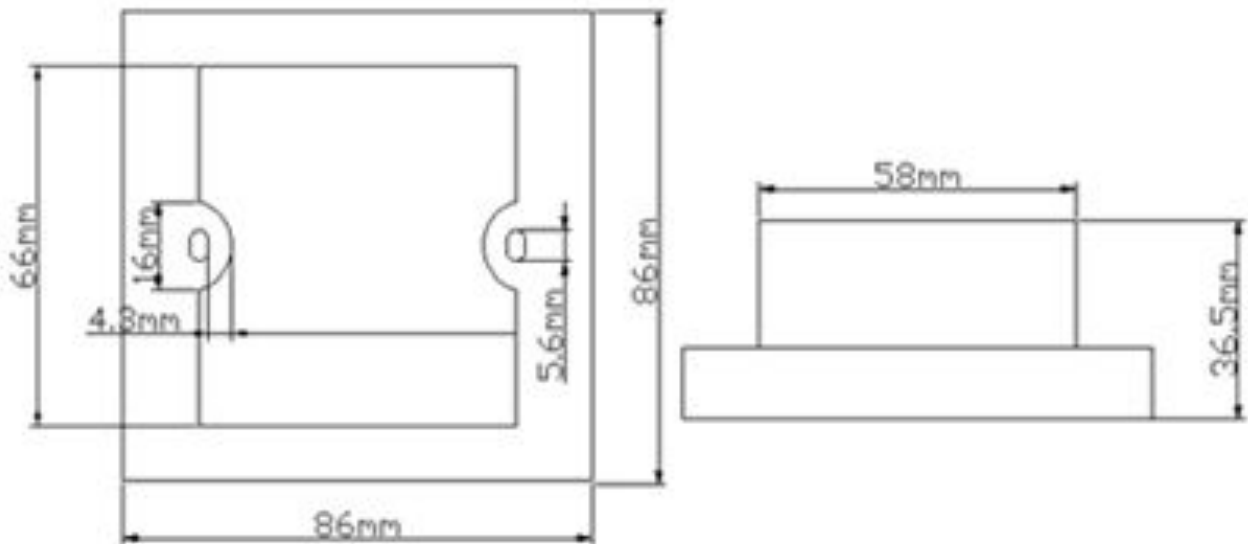
Products Specifications

Contents

1. Summarization

　　Touch panel controller is a kind of new high-end controller which newly developed by our company. It adopts glass panel design with beautiful and fashionable appearance. It adopts high precision capacitance touch control chip, increases the touch sensitivity, and reduces trigger which caused by mistake. It is used to control a variety of lamp whose source of light is LED. For instance, point source of light,flexible light strip, wall washer lamp, glass curtain wall light etc.. It has many advantages such as convenient to connect, easy to use and so on.

2. Technical Parameters

2.1 working temperature：-20-60℃

2.2 supply voltage：DC12~24V

2.3 output：3 channels

2.4 connect mode: common anode

2.5 packing size: L105*W105*H53mm

2.6 net weight： 137g

2.7 gross weight： 187g

2.8 static power consumption: <1W

2.9 output current：<4A(each channel)

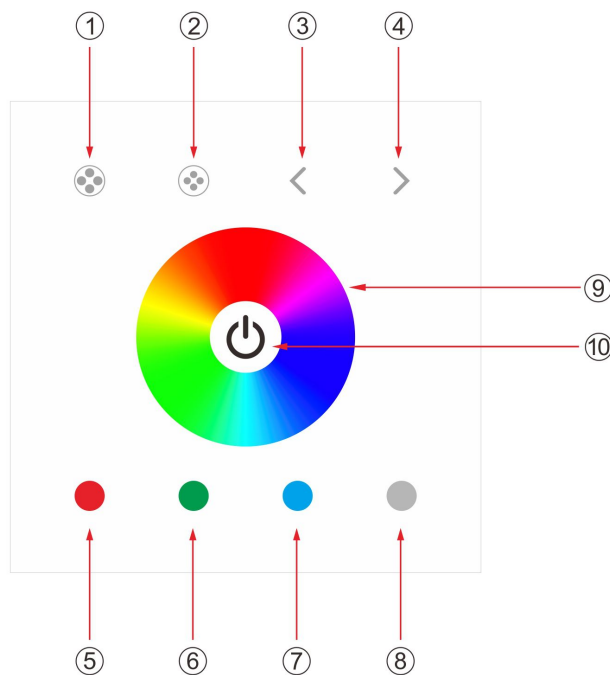2.10 output power: 12V:<144W, 24V:<288W

3. External Dimension

4. Interface Specifications

①：blue light cathode；② green light cathode；③ red light cathode；④common anode；⑤input power anode；⑥input power cathode。

5.Panel key instructions

①:**mode increase**——when the controller is open, mode can be increased(the highest is 21)

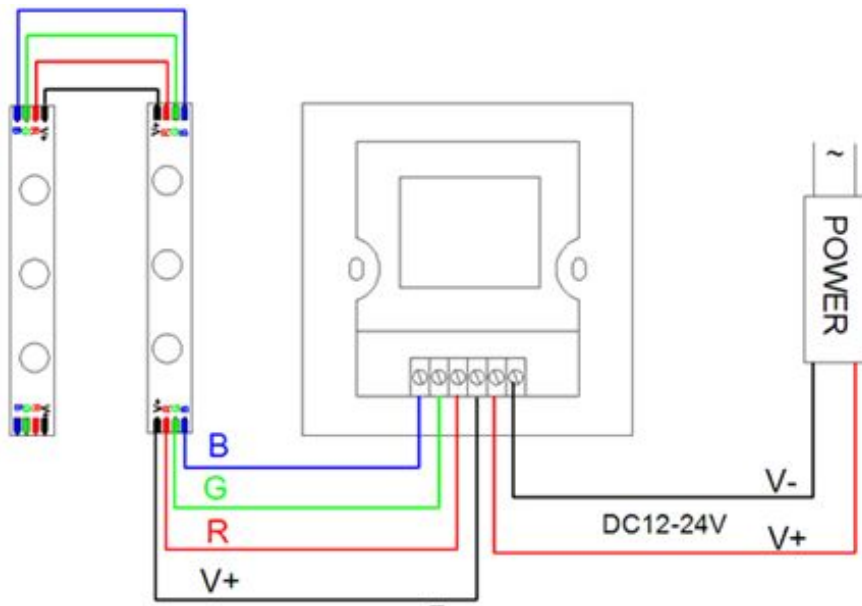②:**mode reduce**——when the controller is open, mode can be reduced(the lowest is 1)

③:speed/brightness reduce key——when the controller is open ,brightness of light can be reduced in static mode(the lowest level is 1); speed of light can be reduced in dynamic mode(the lowest level is 1)

④:speed/brightness increase key——when the controller is open, brightness of light can be increased in static mode(the highest level is 100); speed of light can be increased in dynamic mode(the highest level is 100)

⑤:static red——when the controller is open, lamp can be changed to static red.

⑥:static green——when the controller is open, lamp can be changed to static green.

⑦:static blue——when the controller is open, lamp can be changed to static blue.

⑧:static white——when the controller is open, lamp can be changed to static white.

⑨:cor circle——when the controller is open, lamp can be changed to corresponding color when color circle is touched.

⑩:on/off key——to control the open and close of lamp when power on, or press for a long time to close and open the buzzer .

   5.2 controller mode choice change as follows:

No	Patterns	Remarks	No	Patterns	Remarks
1	Static red	Brightness is adjustable,Speed is unadjustable.	12	Red stroboflash	Speed and Brightness are adjustable
2	Static blue		13	Blue stroboflash	
3	Static purple		14	Purple stroboflash	
4	Static green		15	Green stroboflash	
5	Static yellow		16	Yellow stroboflash	
6	Static cyan		17	Cycan stroboflash	
7	Static white		18	White stroboflash	
8	Three-color jumpy changing	Speed and brightness are adjustable	19	R/B crossfade	Speed is adjustable, brightness is unadjustable
9	Seven-color jumpy changing		20	B/G crossfade	
10	Three-color gradual changing	Speed is adjustable,brightness is unadjustable	21	G/R crossfade	
11	Seven-color gradual changing				

7.Typical Application

8. Remark

1. Connect the load wire at first, following by the power wire; Please ensure there is no short circuit between input and out put connecting wire before power on;

2. The supply voltage of controller ranges in DC12V~DC24V, it may burn out the controller once exceed the voltage ranges.