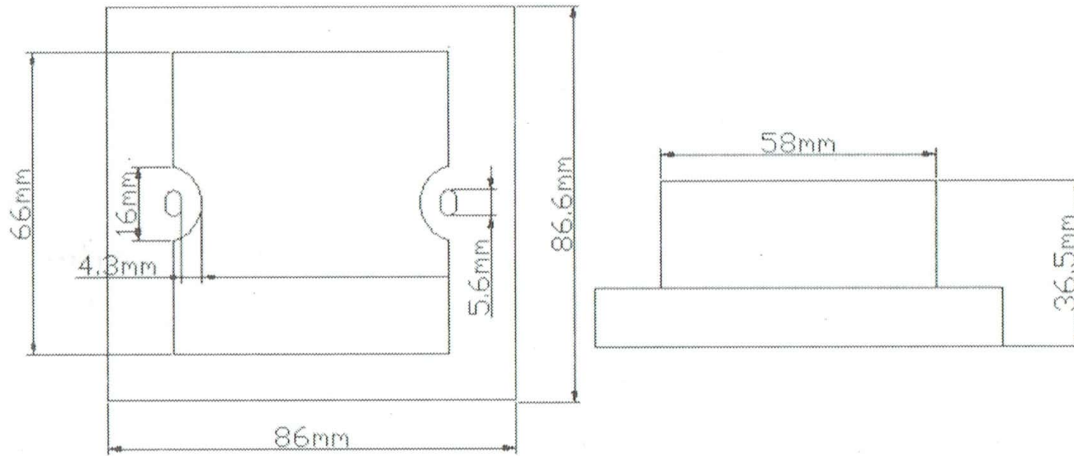# USER MANUAL

NAME: Touch Panel

I.Summarization

Touch panel controller is a new high-end controller which newly developed by our company. It 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, wall washer lamp, glass curtain wall light etc., it has many advantages such as convenient to connect, easy to use and others. According to the actual need of customers,it can carry out jumpy changing,gradual changing,stroboflash and other effects of change.
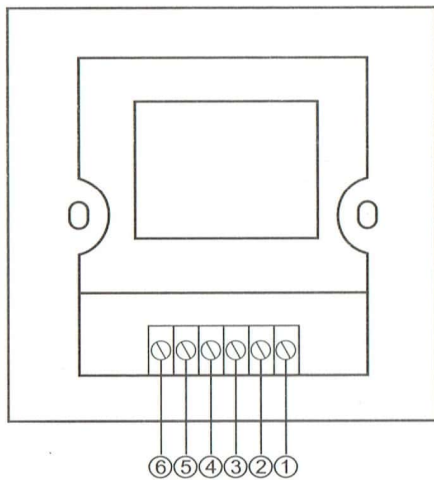
II.Technical Parameters

- working temperature: -20-60 ℃
- supply voltage: DC12V -24V
- output: 3 channels
- connection mode: common anode
- external dimension: L86 X W86 X H36 mm
- packing size: L110 X W110 X H55 mm
- net weight: 145g
- gross weight: 170g
- static power consumption: <1W
- output current: <4A(each channel)
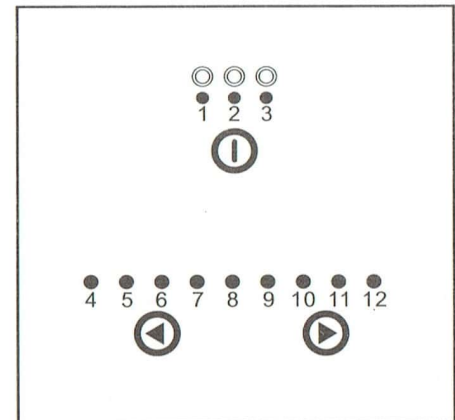- output power: 12V<144W,24V<288W

External Dimension

66mm
16mm
4.3mm
5.6mm
86.6mm
86mm
58mm
36.5mm

Interface Specifications:

① POWER : GND
② POWER : VCC
③ OUTPUT:VCC
④ OUTPUT:R
⑤ OUTPUT:G
⑥ OUTPUT:B

⑥⑤④③②①

III.Controller instruction:

1 2 3

4 5 6 7 8 9 10 11 12

②

1、Buttons Description

⏻ : 1) switch (short press),you could turn on/off controller at any state;

2) the output mode switch key (long press):

indicator "1" brights, indicate that you choose the RGB mode;

indicator "2" brights, indicate that you choose color temperature mode;

indicator "3" brights, indicate that you choose the dimmer mode;

◀ : the key is used for increasing the parameters

▶ : the key is used for reducing the parameters

2、Function Instruction

A. RGB mode

Buttons description **◀** : mode increases with short press, brightness or speed increases with long press;

▶ : mode reduces with short press, brightness or speed reduces with long press;

Mode changes table:

Mode number	Function	Remark
1	Static red	brightness is adjustable, Speed is unadjustable
2	Static green	
3	Static blue	
4	Static yellow	
5	Static purple	
6	Static cyan	
7	Static white	
8	Three color jumpy changing	Speed is adjustable, brightness is unadjustable
9	Three color gradual changing	
10	Seven color jumpy changing	
11	Seven color gradual changing	

B.color temperature mode

Buttons description ◀ : the key is used for increasing the mode;

▶ : the key is used for reducing the mode;

Model changes table:

Mode number	Function	Remark
1	warm white	
2	warm white +20% Cold White	
3	warm white +40% Cold White	
4	warm white +60% Cold White	
5	warm white +80% Cold White	
6	Pure white	
7	Cold White +80% warm white	

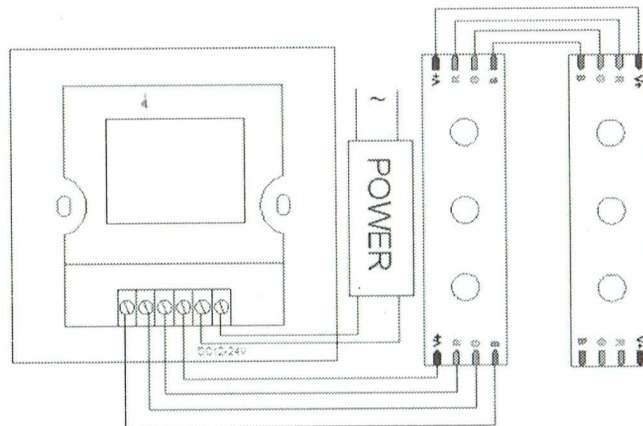| 8	Cold White +60% warm white	
9	Cold White +40% warm white	
10	Cold White +20% warm white	
11	Cold White	

C、dimmer mode

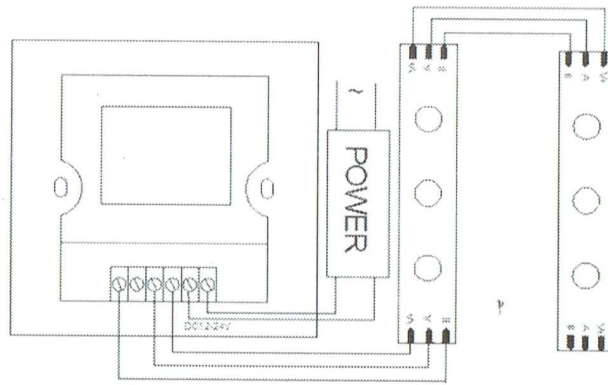Buttons description ◀ : the key is used for increasing the brightness;

▶ : the key is used for reducing the brightness;
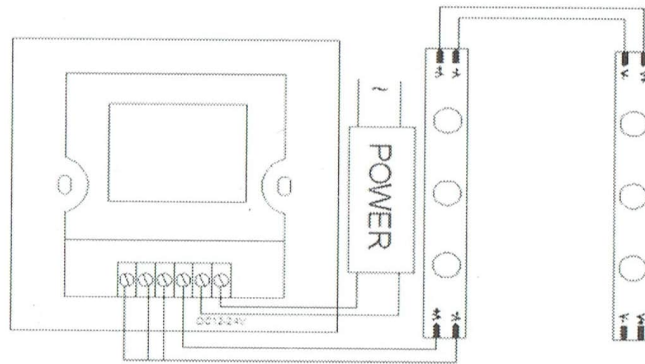
IV.Typical Application

Typical Application 1(RGB mode):
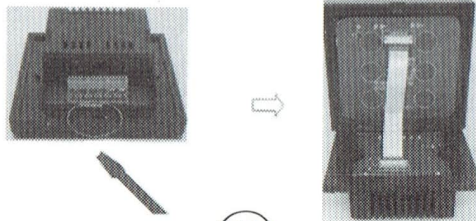

Typical Application 2(color temperature mode):

Typical Application 3(dimmer mode):
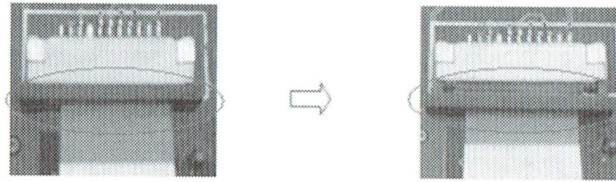

V.Installation Method

  1. open the touch panel

  (1) as shown in the picture, gently pry gaps in touch panel with a screwdriver, and then you can remove the panel;

⑥

(2) as shown in the picture: remove the cable. Pull the locking of the terminal transposon, and then you can remove the cable;
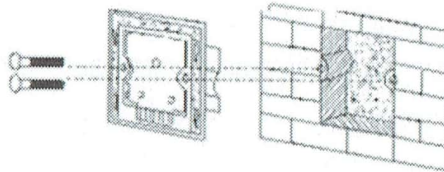

2. Wiring

Connect the wire according to the typical application, you can refer to the typical applicaion

3. Installing the switch pedestal

As shown in the picture, mount the controller on the cassette in the wall after connecting the wire, and then nail the screw, fix it on the wall, finally you can install the switch pedestal on the wall

4, close touch panel

Connect the cable according to step 1, and lock the locking of cable, and then you can close the touch panel.

Remarks:

1. Connect the load wire at first, following by the power wire; Please ensure short circuit can not 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.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for LED Displays & Accessories *category:*

Click to view products by Optoflash *manufacturer:*

Other Similar products are found below :

LTC-2721WC LTC-4624JD LTC-4627G LTC-4627WC LTD-5021AWC LTM-8522G LTP-4323P LTP-747G LTS-3361JG-06 F416SYGWA/S530-E3 EADST040RA2 1668 HT-F196NB-5323 IPD2131-27 SA03-12EWA LDD-E2802RD LDD-E306MI LDQ-N514RI LDS-A3506RD LDS-A3926RI LDT-M516RI SC03-12HDB SI-B9T151550WW SI-B9V171550WW SLC-3PF-WL 1624 LTC-2621JD LTC-2623WC LTC-4624P LTC-4627JD LTD-2601E LTD-322G LTD-482PC LTP-1457AKR LTP-3784G-01 LTS-313AP LTS-4812SKR-P LTS-547AE LTS-6780P 446010401-3 HV-7W30-6829 CA12240_MINNIE-WWW-MTG-ASSY DA43-11GWA LDD-A516RI-17 LDD-E305RI LDQ-M513RI LDQ-M5204RI-SI LDQ-N3402RI LDQ-N3606RI LDT-M2804RI