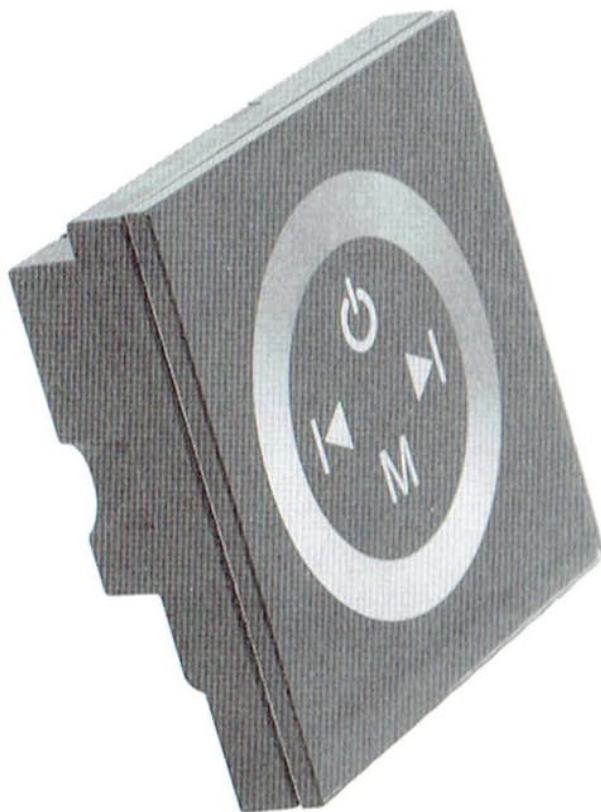


# USER MANUAL



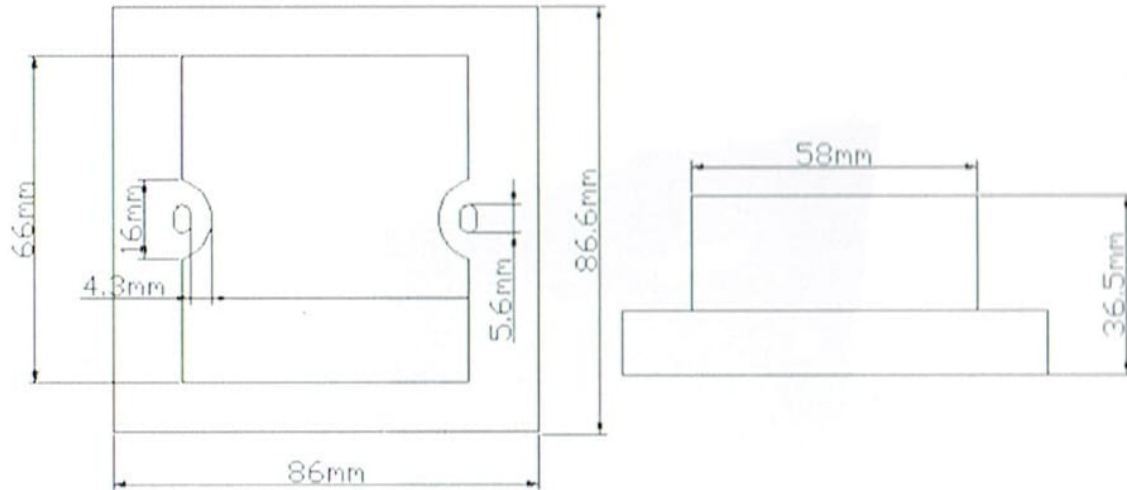
## I. Summarization

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, panel lights 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.

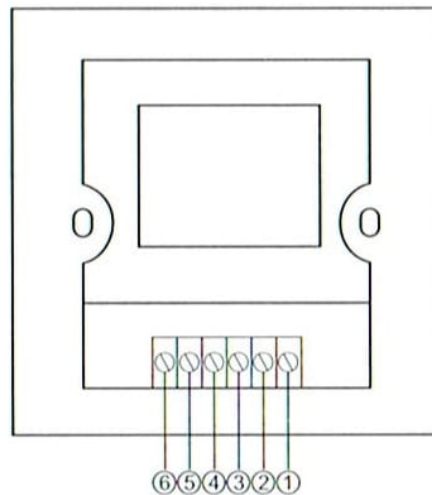
## II. Technical Parameters

- working temperature: -20-60 °C
- supply voltage: DC12-24V
- output: 3 channels
- connection mode: common anode
- external dimension: L86 X W86 X H37 mm
- packing size: L110 X W110 X H56 mm
- net weight: 125g
- gross weight: 185g
- static power consumption: <1W
- output current: <4A( each channel )
- output power: 12V<144W, 24V<288W

## External Dimension:



## Interface Specification:



- ① INPUT:V-
- ② INPUT:V+
- ③ OUTPUT:V+
- ④ OUTPUT:R
- ⑤ OUTPUT:G
- ⑥ OUTPUT:B

### III.Controller instruction:

1、 Touch panel there are 4 buttons and a pulley key, the functions are as follows:



: you could turn on/off controller at any state;



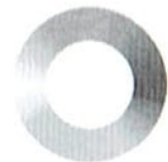
: mode key, you can choose a different kind of color change, total 11 kinds of change patterns, press the key for long time, you can turn on/ off the buzzer;



: It is used for increasing the output signal brightness or speed, once pressed, the series of brightness or speed increase 1, total 100 series;



: It is used for reducing the output signal brightness or speed;



: Multicolor pulley touch key, color mode selection key, up to 64 touch points.

The button has two functions:

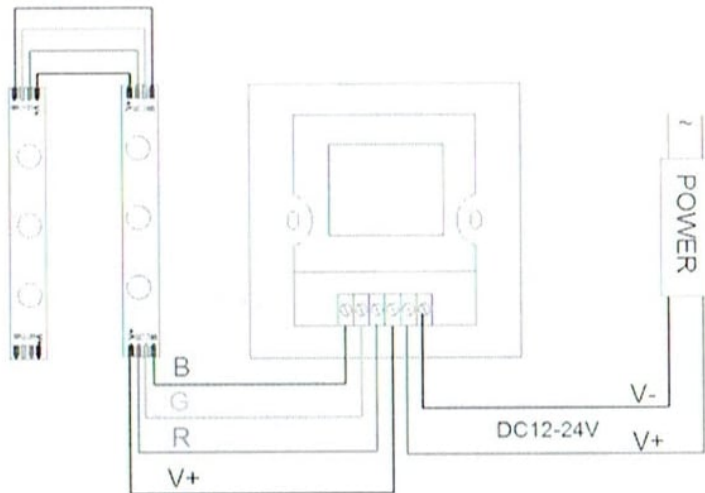
①Pulley color selection key, so when the current control mode is M key mode (color), if must realize pulley static color, you can press this key.

②Pulley color switch key, can change from 64 kinds of colors (as the pulley shown).

2、standard change is shown in the below table:

| Mode number | Function                     | Remark   |
|-------------|------------------------------|--|
| 1           | Static red                   | Brightness is adjustable,<br>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<br>is unadjustable |
| 9           | Seven-color jumpy changing   |  |
| 10          | Three-color gradual changing |  |
| 11          | Seven-color gradual changing |  |

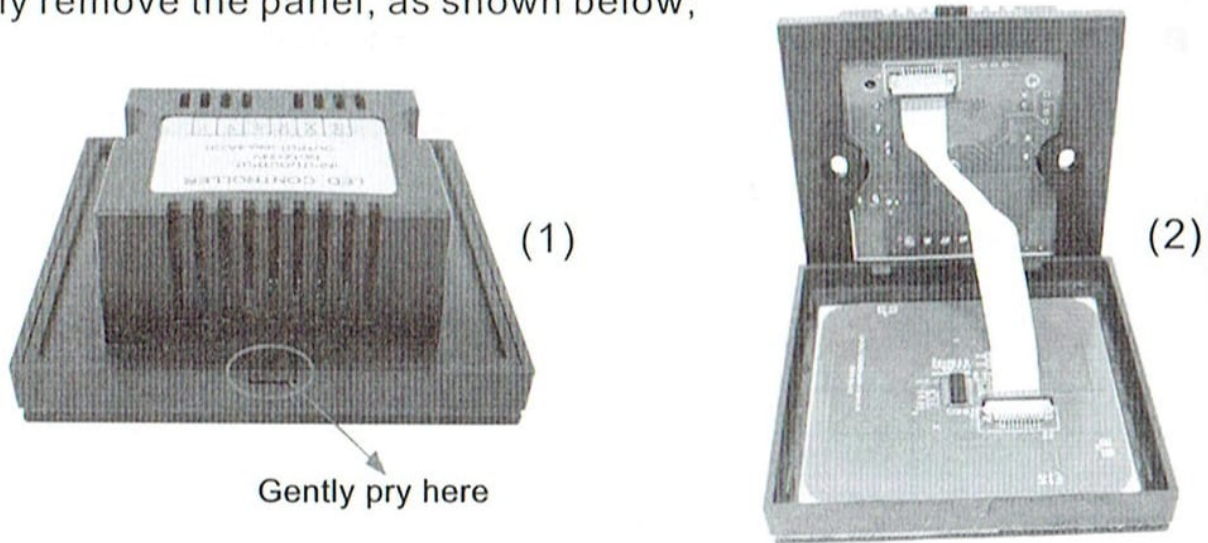
Typical Application:



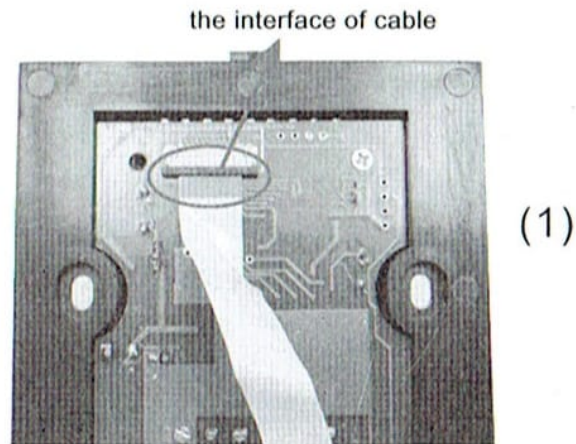
④

## IV. Installation Method

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

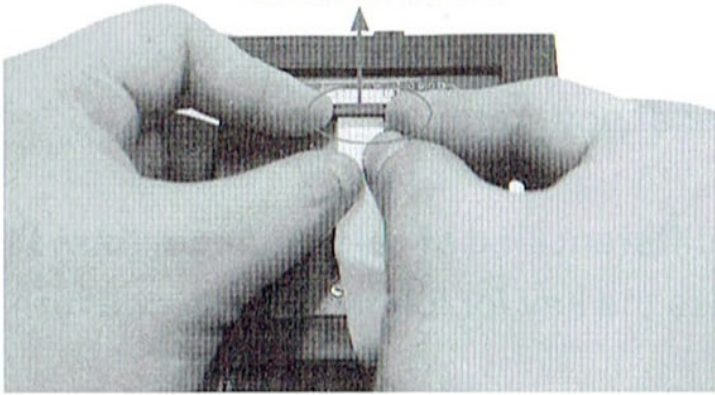


(2) remove the cable. Pull the locking of the terminal transposon, and then you can slowly remove the cable, as shown below:



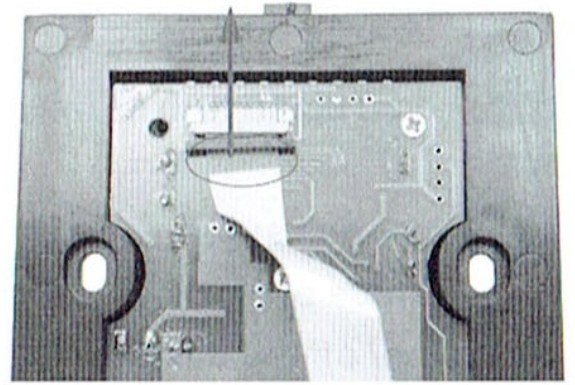
⑤

gently pull-down both  
sides of the interface

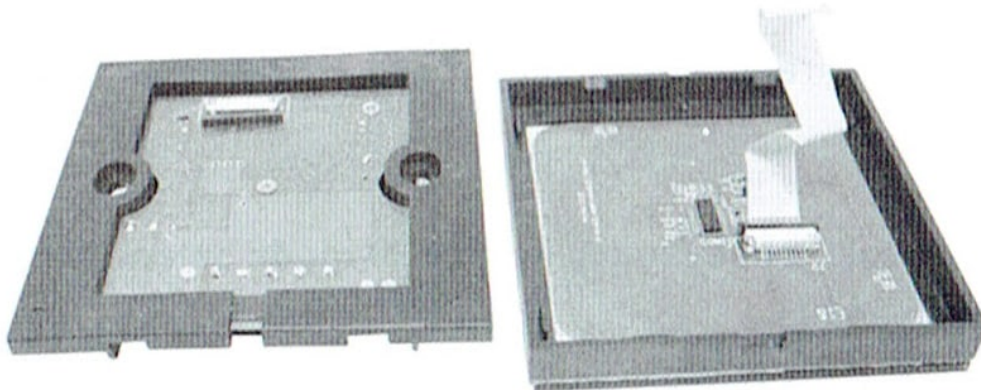


(2)

unplug the cable



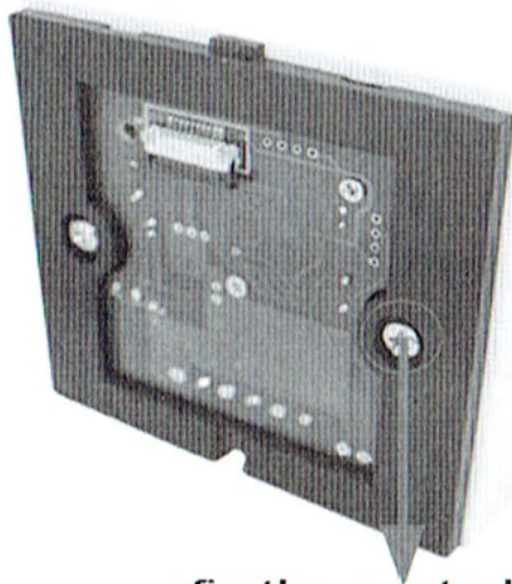
(3)



(4)

(6)

(3) Fix the base of controller in the 86 X 86 installation box (customers need to buy the installation box by themselves) on the wall with screws.

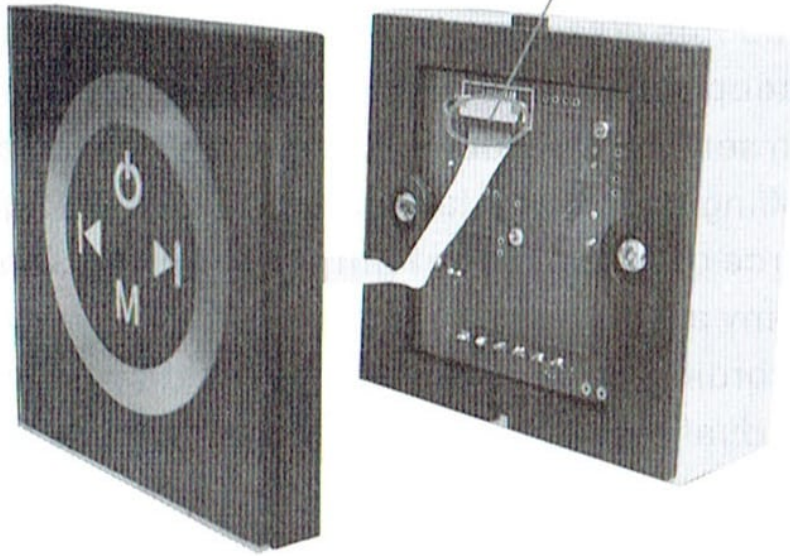


**fix the controller  
on the base**

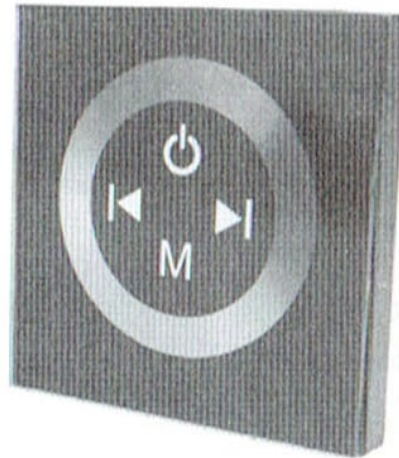
(4) use your hand gently pull down the cable seat lock according to step 2, plug the cable into cable seat, press the lock, and mount the cable of panel on the base, as shown below:



gently pull-down cable,cable encase  
in interface,impact into the interface



(5) installation is completed, as shown below:



## 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.