

USER MANUAL

NAME: Touch Panel



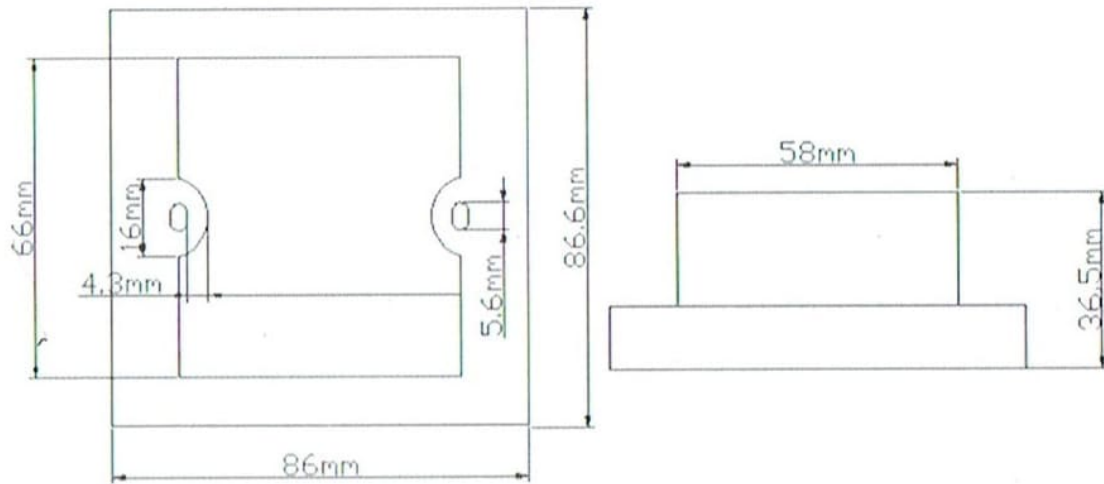
I. Summarization

Touch panel controller is our new research and development of new high-end controller, the glass panel design, appearance beautiful, vogue. Adopting high precision capacitance touch control chip, increased the touch sensitivity, reduces by mistake triggered. It is used for control of the led lighting lamps and lanterns, for example: point light source, soft article light, wash wall lamp, glass curtain wall lamp, etc.; Has the wiring convenient, use the advantages of simple; According to the actual needs of customers can realize jump to change, gradual change, flash lights change such as frequency effect.

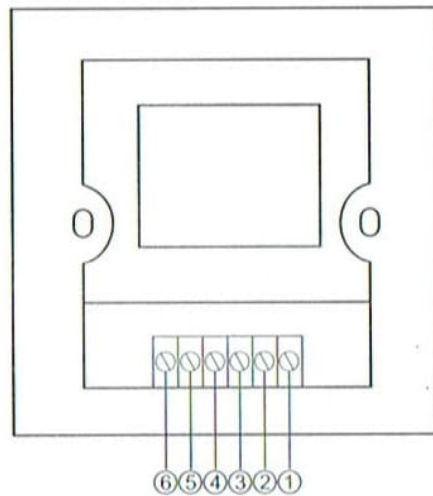
II. Technical Parameters

- working temperature: -20-60 °C
- supply voltage: DC12~24V
- output: 3 channels
- connection mode: common anode
- external dimension: L86 X W86 X 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:



Interface Specification:



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

III. Controller instruction:

1、Touch panel consists of six key, the keys function as follows:



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



: the color change button,there are 21 modes of change for you to choose;



: A brightness control button,the grade of the brightness add 1 by each pressing,a total of 100 grades;



: The grade of the brightness subtract 1 by each pressing;



: The grade of the speed change add 1 by each pressing,a total of 100 grades;



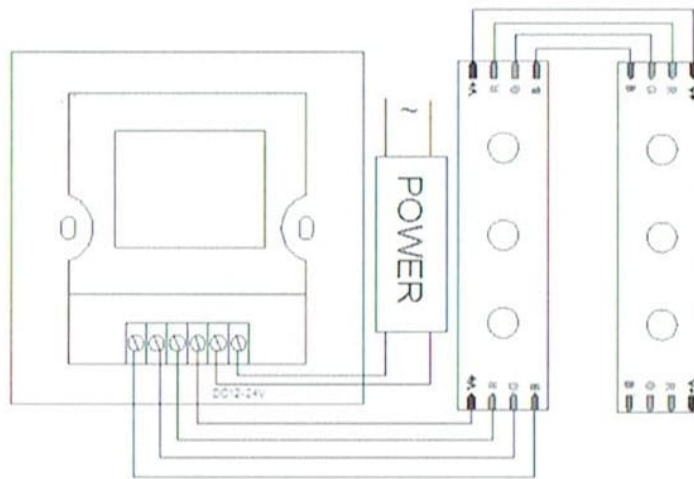
: The grade of the speed change subtract 1 by each pressing.

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				

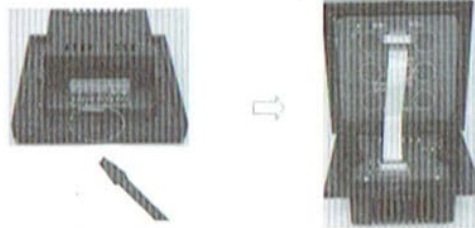
Typical Application:



IV. Installation Method

1, open the touch panel

(1) as shown in figure, use screwdriver in touch panel gently pry gaps, Take the panel;



④

(2) as shown in figure: the flat cable taken down. Open the lock connection seat, take the flat cable

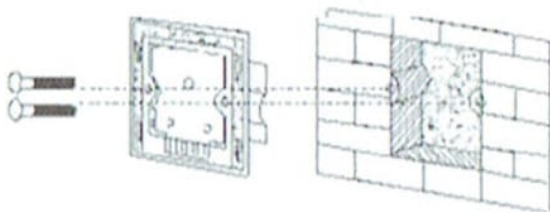


2, wiring

In the Typical Application. Reference typical application circuit.

3, installation switch base

As shown in figure, connected line will touch installed on the wall in the cassette controller, Screw in screw, make fixed in the wall, will be installed base to the wall.



4, cover touch panel

According to step up good row line, lock flat cable lock, cover 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, Power supply voltage range is DC12~24V, more than voltage range maybe will burnout the controller.

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