LED touch panel instruction manual

1. Features

The touch panel controller is a new type of high-end controller newly developed by our company, which adopts glass panel design and has a beautiful and fashionable appearance. Adopt high The precision touch control chip increases the sensitivity of touch and reduces false triggering. It is used to control all kinds of lamps and lanterns with LED as the light source.For example: point light source light bar, panel light, etc.; It has the advantages of convenient wiring and simple use.

2. Technical parameters

Operating temperature: -20-60°C
Power supply voltage: DC 12~24V
Output voltage: DC 12~24V
Output: 3 PIN
Connection: Gongyang
Dimensions: L74*W120*H33.3 mm
Static power consumption: <1W
Output Current: <6A /CH

3. Touch panel function as well as connection instructions

(DIM)

When you touch the color wheel, you will switch to the static brightness on the touch ring, regardless of whether you are in static or dynamic mode.

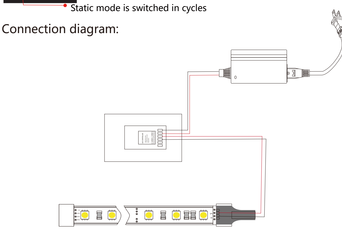
In any state, the controller output can be turned on or off; When the controller is on, press and hold it button for more than 3 seconds to turn the output of the buzzer on or off.

Static brightness and speed addition and subtraction (the white part is the largest when touched by hand, and the gray part is the smallest)

Dynamic mode cycle switching

Static mode is switched in cycles

Connection diagram:



Static Mode:

S/N	MODE	S/N	MODE	S/N	MODE
1	20%Brightness	3	60%Brightness	5	100%Brightness
2	40%Brightness	4	80%Brightness		

Dynamic mode：

S/N	MODE	S/N	MODE	S/N	MODE
1	flashing	2	Flash	3	Flashing rapidly

(CCT)

When you touch the color ring, you will switch to the static color temperature corresponding to the touch ring in both static and dynamic mode.

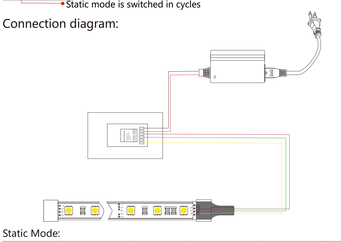
In any state, the controller output can be turned on or off; When the controller is on, press and hold it button for more than 3 seconds to turn the output of the buzzer on or off.

Static brightness and speed addition and subtraction (the white part is the largest when touched by hand, and the gray part is the smallest)

Dynamic mode cycle switching

Static mode is switched in cycles

Connection diagram:



Static Mode:

S/N	MODE	S/N	MODE	S/N	MODE
1	Warm white	3	Cool white	5	Yellow
2	white	4	Warm yellow	6	Dark yellow

Dynamic mode：

S/N	MODE	S/N	MODE	S/N	MODE
1	Warm yellow flashes	5	Warm yellow gradient	9	Warm yellow flashes rapidly
2	Yellow flash	6	Yellow gradient	10	Yellow flashes rapidly
3	White flash	7	Yellow-white gradient		
4	White gradient	8	The white flashes quickly		

(RGB)

When you touch the color wheel, you will switch to the corresponding static color on the touch ring, regardless of whether you are in static or dynamic mode.

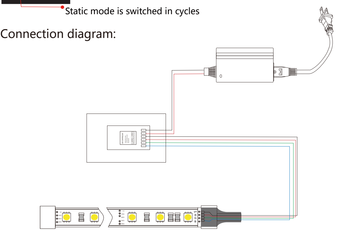
In any state, the controller output can be turned on or off; When the controller is on, press and hold it button for more than 3 seconds to turn the output of the buzzer on or off.

Static brightness and speed addition and subtraction (the white part is the largest when touched by hand, and the gray part is the smallest)

Dynamic mode cycle switching

Static mode is switched in cycles

Connection diagram:



Static Mode:

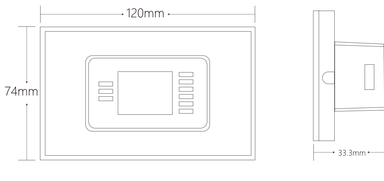
S/N	MODE	S/N	MODE	S/N	MODE
1	Red	8	Cyan	15	Brown
2	Orange	9	Light blue	16	White
3	Dark yellow	10	Azure	17	Milky
4	Yellow	11	Blue	18	Pink and white
5	Buff	12	Dark blue	19	Yellowish-white
6	Green	13	Blue-violet	20	Blue-white
7	Light green	14	Purple		

Dynamic mode：

S/N	MODE	S/N	MODE
1	Red flashes rapidly	8	Three-color jump
2	Green flashes rapidly	9	Six-color jump
3	Blue flashes rapidly	10	The red fades brighter and darker
4	Yellow flashes rapidly	11	Yellow fades brighter and darker
5	White flashes rapidly	12	The green fades brighter and darker
6	The tricolor flashes rapidly	13	The cyan color is getting brighter and darker
7	Tricolor flashing	14	The blue fades brighter and darker

S/N	MODE
15	The purple fades brighter and darker
16	The white fades brighter and darker
17	The three colors fade brighter and darker
18	The seven colors gradually brighten and darken
19	Seven-color gradient

4. Product size



5. Precautions

1. Please follow the input power wiring of the controller, the power adapter is required to be used together, do not input directly in high voltage or other voltages, please pay attention to safety when connecting.
2. Please connect the power supply, controller and lamp in the power-off state, and then power on after connection, please do not connect the positive and negative poles of input and output It's the other way around.
3. Please do not overload the use and check the maximum output current of the device, otherwise it will cause damage to the equipment or affect the service life;
4. Please do not place it in a high-dust, high-temperature environment. If not in use for a long time, turn off the power.
5. Non-professional engineers should not disassemble or remove replacement parts by themselves, so as not to cause damage to the equipment.