

## **I. Main parameter:**

### **Panel controller:**

Working temperature : -20-60℃

Supply voltage : DC12V

External dimension : L50×W35×H23mm

Output: 3 channel

Output current:  $\leq 2A$  (each channel)

Connection mode: common anode

### **Touch remote:**

working voltage: 1.5\*3V

emission current: 10mA

working current: 300uA

standby current: 3uA

standby time: 6 months

Control distance: 25m

Color pulley point:60

## **II.Touch remote use instruction :**

**1、 Touch remote have 64 touch key,each keys function below:**

**Color pulley:** Multicolor pulley touch key,static mode choose key,more than 60 touch points.The button has two functions:

① Pulley static color choice key ,so when the current control mode is M key mode (color),if must realize pulley static

color, can press this key.

② Pulley color switch key, can change from 60 kinds of static colors (as the pulley shown).

**Mode (M+, M-):** this key have 2 functions:

① M is mode choose key, so when the current control mode is pulley mode (color), if you want to realize the mode (color) of M key, can press this button;

② M is mode switch key, so when the current control mode is "M" key mode, can press this button to switch the mode (color) which state in the M key mode table.

**B+:** the output signal brightness control, every time you press this button, the brightness series add 1, altogether 25 levels.

**B-:** the output signal brightness control, every time you press this button, the brightness series, minus 1, altogether 25 levels;

**S+:** the output signal speed control, every time you press this button, the speed series add 1, altogether 100 levels.

**S-:** the output signal speed control, every time you press this button, the speed series minus 1, altogether 100 levels;

**Pause:** on the dynamic mode, you can make the controller to stop the current state now.

## **2、Power supply management:**

stop to use the remote more than 20s, the remote will enter the stand by state(untouchable state);slightly shake once, then the remote will come back to the normal working state(touchable State).

### 3、Indicator light instruction:

slightly shake once, then the remote will came back to the normal working state(touchable state).

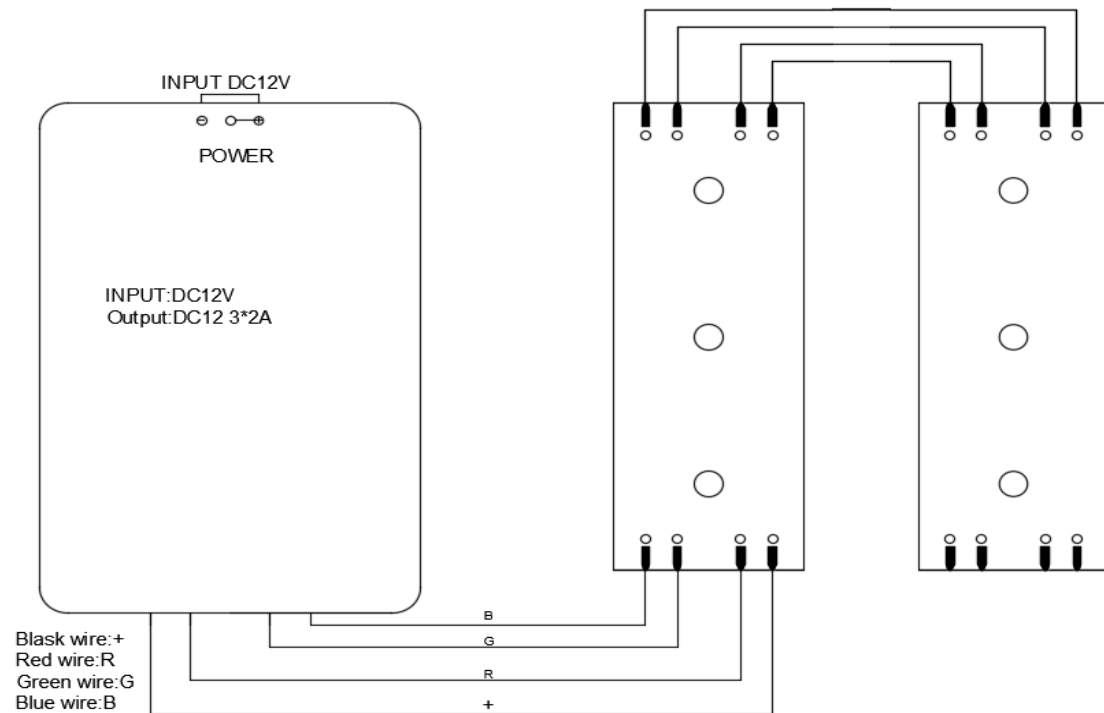
(1)The remote is idle or send,signal when the PWR bright,PWR is off,then means the remote is in standby state;

(2)RF is bright, that means remote is sending signal, off means there is no signal sending.

**Changes of M key on the touch remote as below:**

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

### III:Controller connection as shown:



### IV. 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 DC12V, more than voltage range maybe will burn out the controller;
- 3 . Load connect must according to the connect diagram.
4. when not use it, do not put the remote on easy shake place, to extend the battery life;
5. Warranty of this product is one year, in this period we guarantee replacement or repairing with no charge, but exclude the artificial damage or overload working.

#### FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

#### RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.