

User Instruction

I Main parameter:

Panel controller:

working temperature: -20-60°C

external dimension: L89*W70*H28mm

output current: ≤4A (each channel)

output power: 12V: ≤144W, 24V: ≤288W

supply voltage: DC12~24V

output: 3 channel

connection mode: common anode

Touch remote:

working voltage: 12 V

standby current: 3uA

color pulley point: 64

emission current: 12mA

standby time: 6 months

working current: 300uA

control distance: 25m

II Controller instruction:

Panel controller use instruction:

Controller panel have 6 buttons, and the function as follows:

ON/OFF: switch key, you can turn on/off controller output at any time;

Remote address matches: press the key 2s and touch remote Controller.

MODE: mode key, 19 kinds of mode to choose, include 4 kinds of dynamic mode and 15 kinds of static mode;

brightness+ (B+): add brightness key, in static mode, brightness will add 1 when you press the button every time, can continuous press, altogether 25 levels;

brightness- (B-): minus brightness key, in static mode, brightness will minus 1 when you press the button every time, can continuous press, altogether 25 levels;

speed+ (S+): add speed key, in dynamic mode, speed will add 1 when you press the button every time, can continuous press, altogether 100 levels;

speed- (S-): minus speed key, in dynamic mode, speed will minus 1 when you press the button every time, can continuous press, altogether 100 levels;

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

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 100 levels.

B -: the output signal brightness control, every time you press this button, the brightness series minus 1, altogether 100 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 standby state (untouchable state); slightly shake once, then the remote will come back to the normal working state (touchable state).

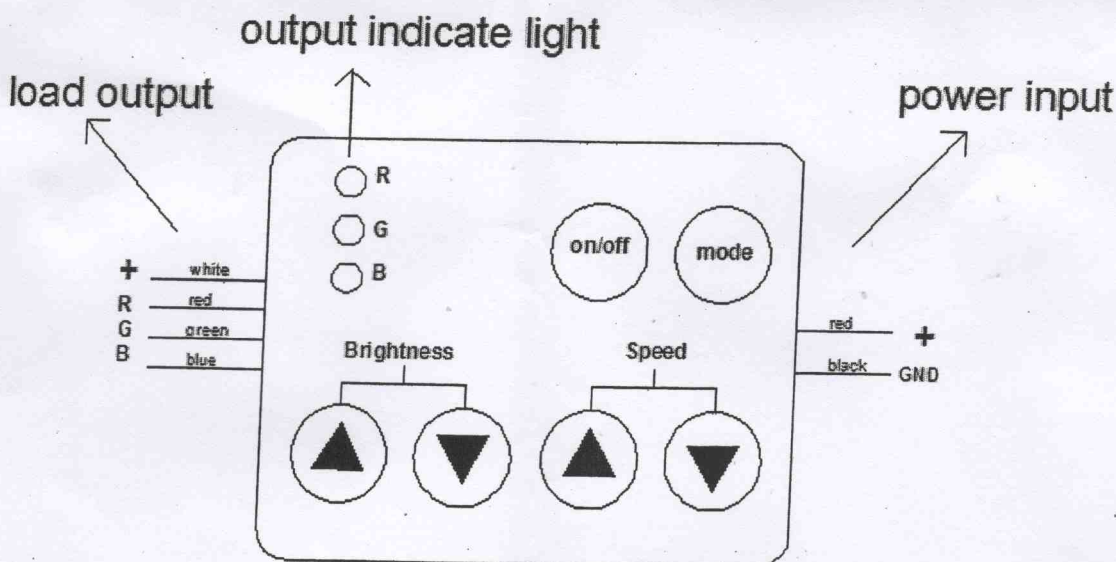
3, Indicator light instruction:

- ①The remote is idle or send signal when the PWR bright, PWR is off, then means the remote is in standby state;
- ②RF is bright, that means remote is sending signal, off means there is no signal sending.

Panel controller mode choice change as follows:

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	
7	Static white	
8	Three color jumpy changing	Speed is adjustable, brightness is unadjustable
9	Seven color jumpy changing	Speed is adjustable, brightness is unadjustable
10	Three color gradual 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 DC12~24V, more than voltage range maybe will burnout 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.