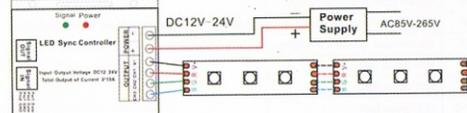


### III. Warning:

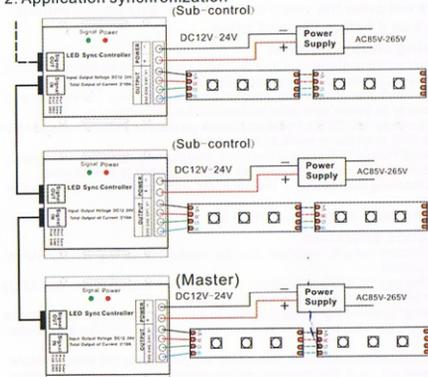
1. Supply voltage of this product is DC12-24V, never connect to other voltage.
2. Before power on, lead wire should be connected correctly according to the connecting diagrams below.
3. Warranty of this product is two years, but exclude the artificial situation of damaged or overload working.

### IV. Connect Diagram

#### 1. Stand-alone work: (V+ →+, CH1 →R, CH2 →G, CH3 →B)



#### 2. Application synchronization



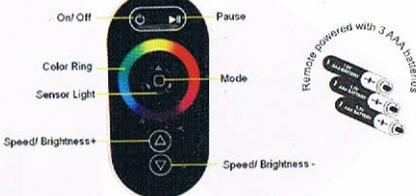
Tips: The green signal indicator light will uniform flash with proper communication, and will off with any incorrect signal connection (like: poor contact, confused input and output, wrong wire order).

### I. Specifications

Working temperature: -20-60°C  
 Supply voltage: DC12V-24V  
 Product size: L91\*W88\*H24 mm  
 Package size: L108\*W108\*H50mm  
 Net weight: 285g Gross weight: 320g  
 Output: Three CMOS drain-open output  
 Connecting Mode: Common anode  
 Max output current: 10A each color  
 Max. output power: 12V/360W, 24V/720W

### II. Control Method

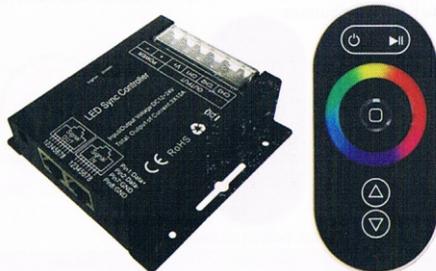
This product use RF touch Remote control, with one color ring and 5 function buttons :



The function of each button as below:

Name of key	Instruction	Remarks
ON/OFF	ON or OFF in any time	
Pause	Pause or Continue	
Mode	The mode will go to next, when you touch the key each time	10 modes in total.
Speed	The Speed/Brightness will add, when you touch the key each time	Speed for dynamic modes, Brightness for static modes.
Speed	The Speed/Brightness will subtract, when you touch the key each time	Speed for dynamic modes, Brightness for static modes.
Color Ring	Touch any color which you want	

# USER MANUAL



## RF RGB CONTROLLER

### 10 modes in total as below:

No	Patterns	Remarks
1	Static white	Brightness is adjustable
2	White flash	
3	White breath	
4	Three-color jump changing	
5	Seven-color jump changing	
6	Three-color gradient changing	Speed is adjustable, brightness is unadjustable
7	Seven-color gradient changing	
8	R/G cross fade	
9	R/B cross fade	
10	G/B cross fade	

Tips: Without any operation more than 20 seconds, the touch remote will enter the sleep state, please SHAKE the remote to wake up it before the next using.

### Matching code operation

Receiver can be controlled by any one the same remote as factory default; remote control delivered with unique RF code as factory default. If unique-control or new-coded-remote is needed, pairing the remote and the receiver as below operation instruction before using:

1. Pressing key "MODE" and hold on, power on the controller, the load LEDs will be 50% brightness white as responding.
2. Pressing "Pause" 3 times in 3 seconds, corresponding to the operation, the LED's brightness will change as 25%-10%-back to preset level.
3. Code learning successfully, the receiver only can be controlled by the remote.
4. If not, please re-operate from step 1 to 2.

### Clear code operation

Back to factory default, receiver can be controlled by any one the same remote control.

1. Pressing key "MODE" and hold on, power on the controller, the load LEDs will be 50% brightness white as responding.
2. Pressing "Speed/Brightness" 3 times in 3 seconds, corresponding to the operation, the LED's brightness will change as 25%-10%-back to preset level.
3. Code clearing successfully, the LEDs will be back to the status before the power off, and the receiver can be controlled by any remote control (any one the same remote control can be used to clear the code).
4. If not, please re-operate from step 1 to 2.