

RF Music Controller

Product Specifications



This product warranty is 2 year (exclude the artificial situation of damaged or overload working)

Before installing this product, Please read this manual carefully. Ensure full understanding of this

specification to avoid unnecessary damage and additional costs.

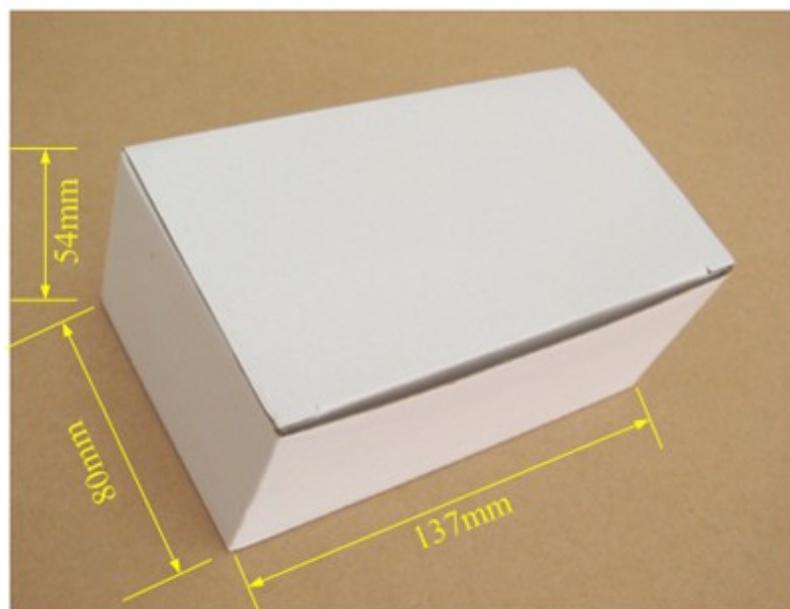
Product Description

18-key RF controller adopts the advanced micro control unit, it is used for controlling a variety of lamp whose source of light is LED. For instance, point source of light, flexible light strip, wall washer lamp, glass curtain wall light and so on; it has many advantages such as low price, easy connection and simplicity to use. **As the II generation product, it achieve the perfect music control effect and user experience, basic on the audio analysis technology and more user-friendly remote control design.** Meanwhile, you could adjust brightness, static color choices and various dynamic changes in lighting effects through wireless remote control. And according to the actual need of customers, it can carry out jumpy changing, gradual changing, stroboflash and other effects of change.

External Dimension



(Packing)



Technical Parameters

Working temperature	-20-60°C
Supply voltage	DC12V~24V
Output	3 channels
Connecting mode	common anode
External dimension	L130*W64*H24 mm
Packing size	L137*W80*H54mm
Net weight	160g
Gross weight	190g
Static power consumption	<1W
Output current	<4A(each channel)
Output power	12V:<144W, 24V:<288W

Interface Specifications

Power input interface (port1):



Adopt conventional power transposon as a DC power input interface.

Power input interface (port2):



Adopt male and female connector with screw.

Load output interface:↵



Adopt male and female connector with screw.↵

Audio signal input:↵



Microphone and standard 3.5 headphone port.↵

Direction for use

- 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;**
- Adopt wireless RF remote control method, 18 keys in total, function of each button as below::
- Each press, the green light on the controller box flash one time, indicating that has entered the next state.
- The function list of remote control as follows:

Static white(4 levels B)			on/off
Static red(4 levels B)	Static green(4 levels B)	Static blue(4 levels B)	Static sunlight(4 levels B)
Static orange(4 levels B)	Static yellow(4 levels B)	Static cyan(4 levels B)	Static purple(4 levels B)
seven base color jumpy	Three color gradually change	Seven color gradually change	Speed/Sensitivity+
Sound control I (FT)	Sound control II (MT)	Sound control III (CT)	Speed/Sensitivity-

Mark:

1. All static modes are adjustable, press the color button one time, the brightness changes one level in circle, 5 levels (100%, 50%, 25%, 12%and 6%)
2. S+/S- means speed adjust key for the dynamic functions, and means sensitivity adjust key for the music functions;
3. Sound control I (FT): fast track, Sound control II (MT): my track, Sound control III (CT): cool track; different button for different music and different mode;

RF CODE

Tips: Receiver can be controlled by any one the same remote as factory default; full touch remote control delivered with unique RF code as factory default; if unique-control is needed, please matching the code before installation and using.

Matching code operation

If new-coded-remote is needed, re-pairing the remote and the receiver before using as below operation instruction:

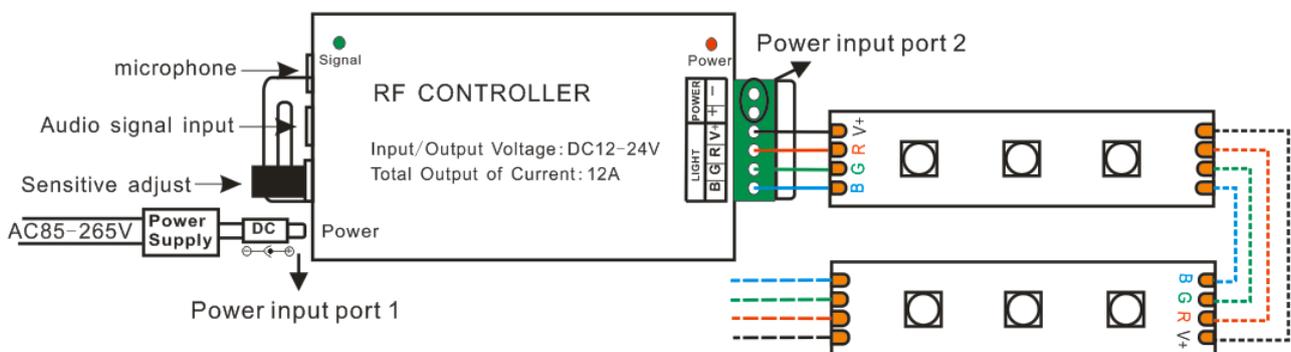
1. Power off and press key "FLASH".
2. Power on the controller, the LEDs will be 50% brightness white,
3. Continuously to press the key "FLASH" for 3 times ,the brightness of LED will be from 25%-10%-flashes 3 times and return to the initial state.
4. Code learning successfully, the mode will be back to the state before the power off
5. If not, please re-operate from step 1 to 4.

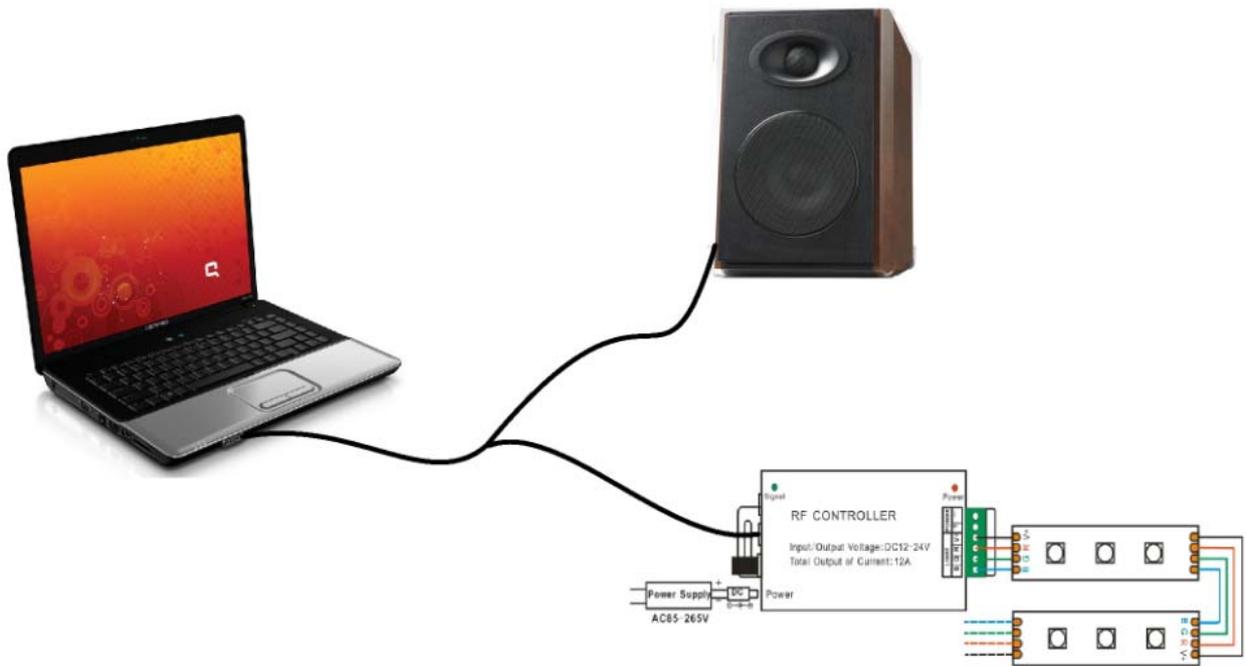
Clear code operation

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

6. Power off and press key "BLOOM".
7. Power on the controller, the LEDs will be 50% brightness white,
8. Continuously to press the key "BLOOM " for 3 times ,the brightness of LED will be from 25%-10%-flashes 3 times and return to the initial state.
9. Code learning successfully, the mode will be back to the state before the power off
10. If not, please re-operate from step 1 to 4.

Typical Applications





Notes

1. Supply voltage of this product is DC12V~24V, never connect to others or AC220V.
2. Lead wire should be connected correctly according to grade that connecting diagram offers.
3. If the load is more, by way of port 2 to connect the power will be better.
4. This product is not to overload;

Common Problems

Problems	Possible cause	Solution
1. Lamp does not light after power	Power cord is not properly connected, or there is not output switching power supply	Connect the power cord properly or replay the power
	Lamp power cord is not connected or short circuit	Connected lighting power cord
2. After connecting some of the load the controller does not work	The connected load is too large, so that it has burned in some of the components of the controller	Replace parts of components or replace the controller