

2.46 Touch RGB LED Controller

Please read the instruction carefully before using.

I .Product Description

This system is a high-performance RGB LED touch remote controller, adopting the most advanced PWM control technology, controlling all RGB led products with four lines and three circuits (common anode), and having 640 thousand colors and 20 automatic changing modes.

Also, it has power off memory function(that is, the previous settings will be resumed when powered on). It is widely used in LED RGB strip light, LED module and others.

With the technology of the 2.4G high frequency wireless remote control, it has the characteristics of low power consumption, long distance transmission, strong anti-interference ability, high speed telecommunications, etc.

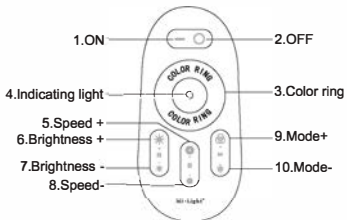
The remote looks fashionable and elegant . With simple and practical functions of color changing and brightness dimming, the capacitive touch wheel design makes the remote easy to use .

The modular design and screw terminals enable the controller easy to connect with all kinds of LED lights.

II. Technical Data

Remote	Size	110×52×20mm
	Power	AAA battery*2pcs
	Material	ABS
	Fabrication processing	Multicolor printing & UV varnish
Controller	Size	85×45×23mm
	Working voltage	DC12V~24V
	Control way	R G B three channels
	Max load per channel	6A
	Total output Max	10A
	Output connection	Common anode
	Control distance	30 meters (100ft)
Programs	20 modes pre stored	

III. Function of Keys



IV. Program List

Number	Mode	Brightness state	Speed state
1	Static white	Adjustable	Unadjustable
2	White color fading	Adjustable	Adjustable
3	All colors fading tting	Adjustable	Adjustable
4	Red green btue 3 colors fading	Adjustable	Adjustable
5	Seven colors jump to change	Adjustable	Adjustable
6	Three colors jump to change	Adjustable	Adjustable
7	Red/ green jumps to change	Adjustable	Adjustable
8	Red/blue jumps to change	Adjustable	Adjustable
9	Blue/green jumps to change	Adjustable	Adjustable
10	White color blinks	Adjustable	Adjustable
11	White color strobos	Adjustable	Adjustable
12	Red color blinks	Adjustable	Adjustable
13	Red color strobos	Adjustable	Adjustable
14	Green color blinks	Adjustable	Adjustable
15	Green color strobos	Adjustable	Adjustable
16	Blue color blinks	Adjustable	Adjustable
17	Blue color strobos	Adjustable	Adjustable
18	Yellow color blinks	Adjustable	Adjustable
19	Yellow color strobos	Adjustable	Adjustable
20	Circulation mode - modes 1-19		

V. Programming (code clearing and code matching)

Code matching :

For a new kit (remote and controller), the remote will work only when it has been paired to the controller.

Please follow the below instructions:

Confirm that the power supply, LED controller and LED lights are correctly connected.

Switch off the power, then switch on, and press key "5 - Speed+" once (within 3 seconds) when you see the light is on. The LED light blinks twice slowly when the pairing is done.

Code clearing :

The code can be cleared as needed.

The kit (remote and controller) will stay in the original state after code clearing, and it can work again when code rematching is done.

Please follow the below instructions:

Confirm that the power supply, LED controller and LED lights are correctly connected.

Switch off the power, then switch on, and long press the key "5 - Speed+" within 3 seconds you see the light is on. The LED light blinks nine times swiftly when it is done.

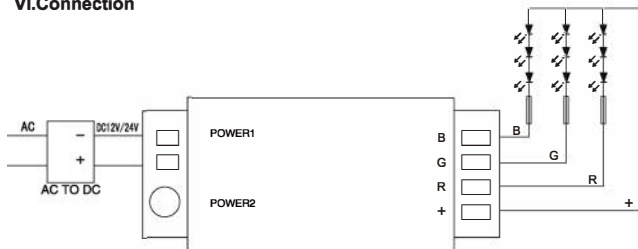
Attention:

1.The regular product is sold in a kit (remote and controller).

The user can re-program to pair them as needed. One remote can control unlimited controllers, but one controller can be controlled by four remotes at most.

2.Please check the battery installation and controller (totally discharge the power), when you program after switching off and switching on.

VI.Connection



VII. Attention

1. Please check whether the input voltage of the constant voltage power supply is in accordance with the controller, and please check the connection of both the cathode and anode, otherwise the controller can be broken.
2. Please don't connect wires with power on.
Please switch on only when it is in right connection and no short circuit.
3. Please keep your fingers off the touch ring when installing the batteries, to improve its sensitivity, use the remote 3 seconds later after the batteries are installed.
Please change the batteries, if the touch ring is found low-sensitivity.
4. Please do not use the controller in the places with wide range metal area or strong electromagnetic wave nearby, otherwise, the remote distance will be seriously affected.
5. A qualified person shall install this equipment.



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