

2.4G Touch Screen RGB LED Control System

Model NO.: LDRF-RGB6-TC4

1. Product Description

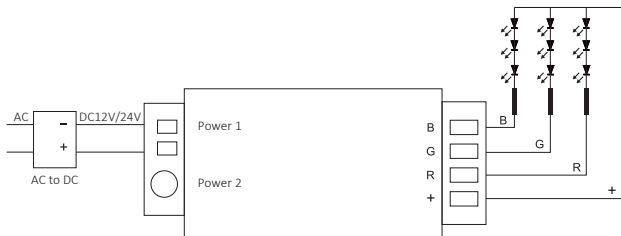
This system is a high-performance RGBW led touch remote controller, adopting the most advanced PWM control technology, controlling all RGBW led products with five lines and four circuits (common anode), owning 640 thousand colors and 20 automatical changing modes to choose.

Also, It has the memory function(that is to say, the previous settings will be resumed when power on again). It is widely used in led RGBW LED strip light, led module and so on.

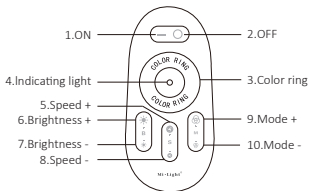
With the technology of the 2.4G high frequency wireless remote control, it has the characteristics of low power consumption, long distance transmission, and strong anti-interference ability, high speed telecommunications, etc.

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

The modular design and easy screwed terminals enable the controller easy to match with all kinds of led light products.



2. Function of keys



3. Program List

Number	Mode	Brightness state	Speed state
1	Static white color	Adjustable	Unadjustable
2	White color gradual changes	Adjustable	Adjustable
3	All colors gradual change	Adjustable	Adjustable
4	Red/green/blue three colors gradual change	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 frequently blinks	Adjustable	Adjustable
11	White color glitters	Adjustable	Adjustable
12	Red color frequently blinks	Adjustable	Adjustable
13	Red color glitters	Adjustable	Adjustable
14	Green color frequently blinks	Adjustable	Adjustable
15	Green color glitters	Adjustable	Adjustable
16	Blue color frequently blinks	Adjustable	Adjustable
17	Blue color glitters	Adjustable	Adjustable
18	Yellow color frequently blinks	Adjustable	Adjustable
19	Yellow color glitters	Adjustable	Adjustable
20	Circulation mode		

4. Programming(code clearing and code matching)

Code matching:

For a new kit (remote & controller), the remote can work only when it is programmed to the controller.

Please follow the below instructions:

Correctly connect the power supply, LED controller and LED load.

Switch off the power, then switch on again, and press key 5 once (within 3 seconds) the moment you see the light is on. The LED light blinks twice slowly when it 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. It can work when code rematching is done.

Please follow the below instructions:

Also, correctly connect the power supply, LED controller and LED load.

Switch off the power, then switch on again, and long press key 5 (within 3 seconds) the moment you see the light is on. The LED light blinks nine times swiftly when it is done.

Attention:

1. The regular product for sale is a kit (remote and controller). The user can re-programme freely as needed. One remote can control countless controllers, but one controller can only be controlled by four remotes (Max).
2. Please check whether the voltage of the power supply matches the controller and light, and please check the connection on of both the cathode and anode before applying power.
3. Ensure supply power is off before performing any installation or wiring procedures.
4. Using the light/controller in the place with metal or concrete structures or electromagnetic interference will cause issues with communication and communication range.

5. 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 will be broken.
2. Please don't connect wires with power on. Please switch on again only when it is in right connection and no short circuit.
3. Please keep your finger off the touch ring when installing the batteries, to improve its sensitivity, and use the remote (3 seconds later) after the batteries are installed. Please reinstall the batteries, if the touch ring is found low-sensitivity.
4. Please do not use the controller in the place with widely range metal area or strong electromagnetic wave nearby, otherwise, the remote distance will be seriously affected.



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