

2.4G Touch Screen RGB LED control system

Mode No:FC-PB-RGB2.4G
manufacturer: Shenzhen Feican
Technology Co.,Limited trade
mark:FEICAN

Pictures



Product Description

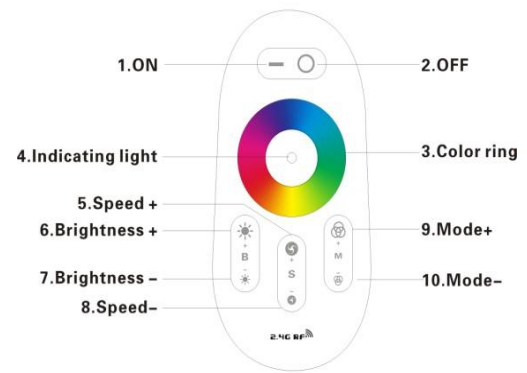
- This system is a high-performance RGB LED touch remote controller, adopting the most advanced PWM control technology, controlling all RGB LED products with Five lines and three circuits(common anode),owning 640 thousand colors and 12 automatical changing modes to choose.
- Also, It has the memory function(that is to say, the previous settings will be resumed when power on again). It is widely used in LED RGB strip light, LED module and so on.With the technology of the 2.4G high frequency wireless remote control, it has the 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 lights.

Controller Technical Parameters

- Working Voltage: DC12-24V
- Max Load Control Current: 6A/circuit
- Standby Power Consumption: 0.5W
- Output Connection: Common anode
- Common anode: 85mm×45mm×23mm

Remote Technical Parameters

Item	Parameters
Working Voltage	AAA*2pcs(3V)
Radio Frequency	2400-2483.5MHz
Modulate Method	GFSK
Transmit Power	6db
Standby Power Consumption	10uA
Remote Distance	20-30m
Dimension	110x52x30mm



Program List

Remote Functions of Keys

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

Remark:Mode"1" White only;Mode"2"Color ring free to choose,Brightness adjusts color light only;Mode"3" White (off)

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:

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

Press key 5 once within 3 seconds when power on again,the light will blink 3 times 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,and it can work when code matching is done.

Please follow the below instructions:

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.

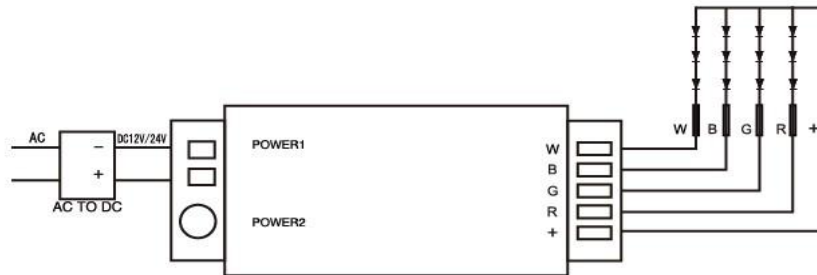
Attention:

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 six remotes (Max).

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

Connection:



Attention

- 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.
- Please do not connect wires with power on. Please switch on only when it is in right connection and no short circuit.
- Please keep your finger off the touching ring when installing the batteries, to improve its sensitivity, and use the remote (3 seconds later) after the installation. Please reinstall the batteries, if the touching ring is found low-sensitivity.
- 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.

Caution

- 1. Thanks for using 2.4G RGB LED touching remote control system, please read the instruction carefully before using. It states that you have read this instruction and accepted the caution when you start to use.
- 2. Sune-LED Solutions Corp. reserves the right of final explanation and amendment to the products. Data is subject to change without prior notice.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.