



# LOAMLIN 2.4G Touch Screen RGB LED Control System Instructions

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## User Instruction [0117] 2.4G Touch Screen RGB LED Control System Model No.: FUTO025

Welcome to use Touch Screen RGB LED Control System, please read the instruction carefully before using.

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## 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), 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 RGB 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.

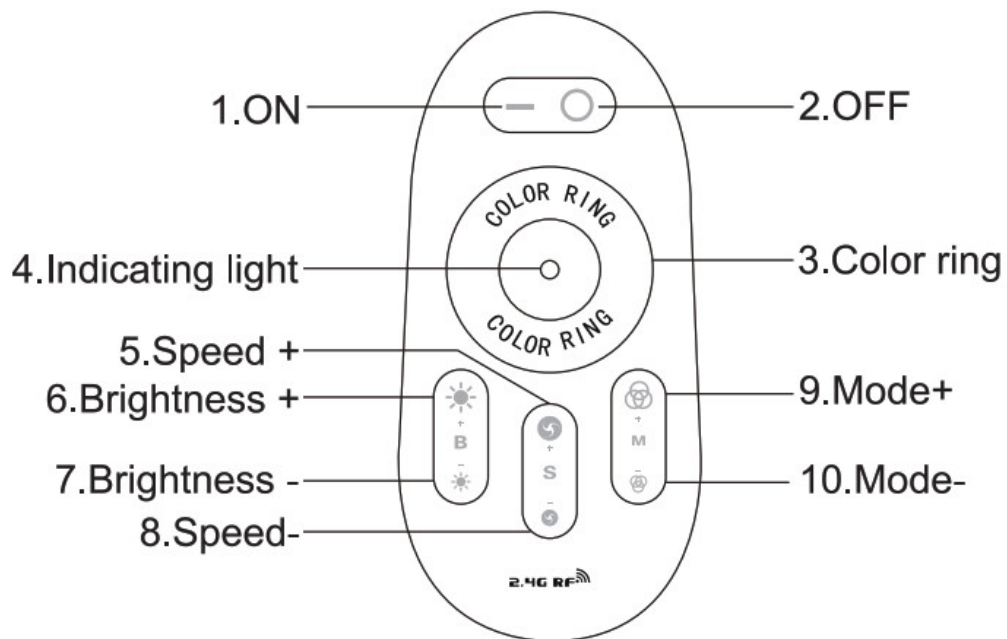
The remote looks fashionable and elegant , with simple and practical functions of color changing and brightness dimming, the capacitive touch screen design makes the remote easy to use .

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

## Technical Data

Remote	Size	110x52x20mm
	Power	AAA battery*2pcs
	Material	ABS
	Fabrication processing	Multicolor printing & UV varnish
Controller	Size	85x45x23mm
	Working voltage	DC12V-N-24V
	Control way	R G B three channels
	Max load per channel	6A
	Total output Max	10A
	Output connection	Common anode
	Telecontrol distance	30 meters
	Programs	20 kinds

## Function of Keys



## 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		

## 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 it is correctly connected between 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. and it can work again when code rematching is done.

Please follow the below instructions:

Confirm it is correctly connected between 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.

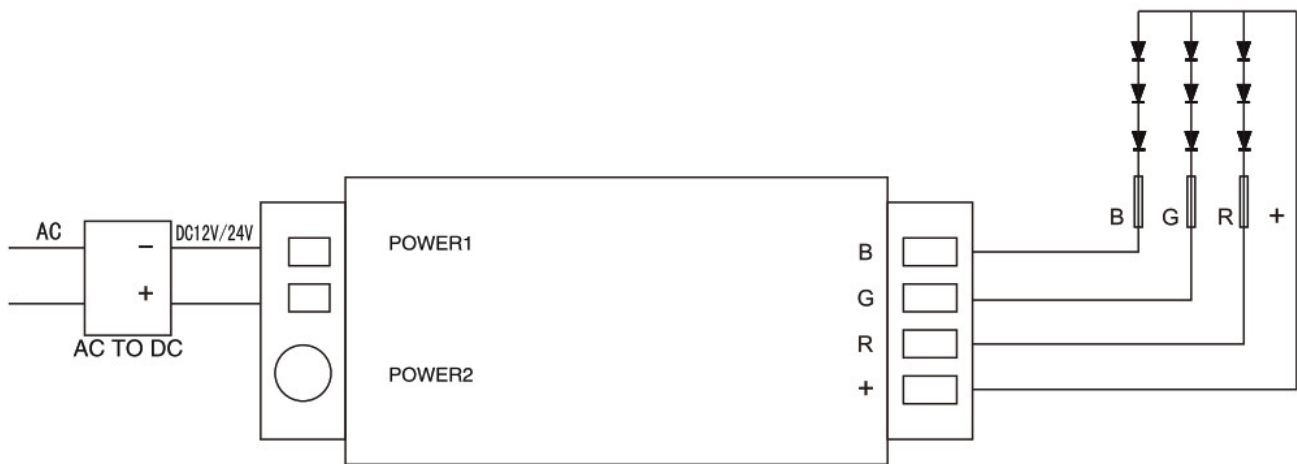
### Attention:

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

### Connection



### 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.



### Documents / Resources

## User Instruction [S1717]

### 2.4G Touch Screen RGB LED Control System

Model No.: F17023

Welcome to use Touch Screen RGB LED Control System, please read the instruction carefully before use.

**1. Product Description**

This system is a high performance RGB led touch remote controller, adopting the advanced touch screen technology, supporting all kind of RGB led products with four times and three-chips controller, controlling 1000+ RGB led products with 20 automatic channels, 100+ memory channels, 1000+ preset colors, 100+ music and A/R, it has the memory (factory) setting, it uses the precision setting and the memory (factory) setting, it is a variety of colors, RGB color, red, blue and white and so on.

It has a frequency of 2.4G high frequency wireless remote control, and the advantages of the power consumption, long distance transmission, and strong anti-interference ability, it is a variety of colors, RGB color, red, blue and white and so on.

The remote controls are portable and elegant, with simple and practical functions of the touch screen, it is a variety of colors, RGB color, red, blue and white and so on. The remote controls are portable and elegant, with simple and practical functions of the touch screen, it is a variety of colors, RGB color, red, blue and white and so on.

**2. Technical Data**

Name	Power	Control Distance
Transmitter	Power consumption: 100mW	100m
Receiver	Power consumption: 100mW	100m
Working voltage	DC5V-6V	
Working current	100mA	
Control mode	Touch screen	
Output current	100mA	
Working temperature	0°C-40°C	
Program	20 items	

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