

## RGB+CCT LED Controller

Model No.: FUT039S

### Features

Controller adopt the widely used 2.4GHz wireless technology with the features of low power consumption, long signal transmitting and strong anti-interference, etc. Controller has auto-transmitting and auto-synchronizing function. Widely used on the controlling of hotel lighting and home lighting.

- |   |  |
|---|--|
|  16 Millions of colors to choose            |  Remote control<br>Control distance 30m                           |
|  Color temperature adjustable               |  Smartphone APP control<br>(2.4GHz gateway is needed)             |
|  Dimmable<br>Saturation control            |  Support third party voice control<br>(2.4GHz gateway is needed) |
|  2.4G RF wireless transmission technology |  DMX512 controllable<br>(DMX512 LED transmitter is needed)      |

### Parameters

Working Voltage: DC12V~24V

Output: 6A/Channel

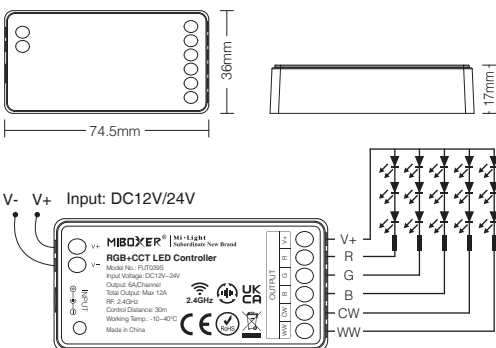
Total Output: Max 12A

Output Connection: Common anode

RF: 2.4GHz

Max Controlling Distance: 30m

Working Temperature: -10~40°C



### Dynamic mode table 1 (default)

Number	Dynamic Mode	Brightness / Saturation / Speed
1	Mardi Gras	Adjustable
2	Automatic color change	
3	Sam	
4	Gemstone	
5	Twilight	
6	American	
7	Fat Tuesday	
8	Party	
9	Slow Color Splash	

### Dynamic mode table 2 (need to switch manually)


Number	Dynamic Mode	Brightness / Saturation / Speed
1	Colors gradual change	Adjustable
2	White light Gradual change	
3	RGB gradual change	
4	Seven colors jump to change	
5	Jump to change randomly	
6	Red light gradual change +Flash 3 times	
7	Green light gradual change +Flash 3 times	
8	Blue light gradual change +Flash 3 times	
9	White light gradual change +Flash 3 times	

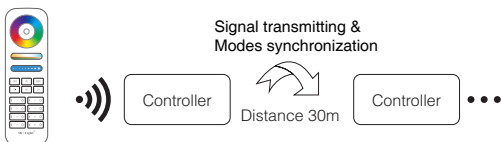
### Signal transmitting

One strip controller can transmit the signals from the remote control to another controller within 30m, as long as there is a strip controller within 30m, the remote control distance can be limitless.

### Modes synchronization

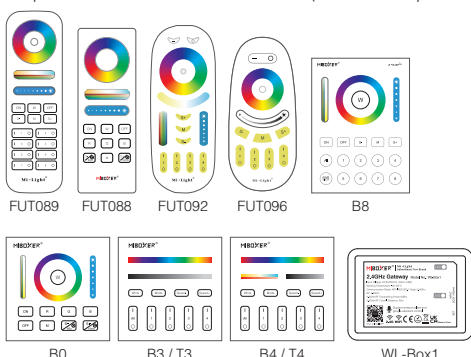
Different controllers can work synchronously when they are started at different times, controlled by the same remote, under same dynamic mode and within 30m distance.

 The same dynamic mode, the same speed can be synchronized.



# Link/Unlink

Compatible with these remote controls (Purchase separately)



Light will work after linking with remote control;  
for more details, pls read the remote instruction.

## PWM high frequency / low frequency switching

**Switch to high frequency (8KHz):** on the condition of turning on the light

1. Short press the "OFF" button of the remote control once;
2. Short press the "ON" button 5 times within 3 seconds, the white light blink 2 times quickly, indicating successfully.

**Switch to low frequency (500Hz):** on the condition of turning off the light

1. Short press the "ON" button of the remote control once;
2. Short press the "OFF" button 5 times within 3 seconds, the white light blink 2 times slowly, indicating successfully.

## Dynamic mode table selection

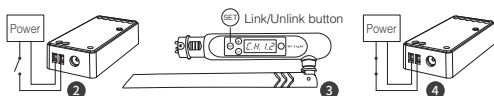
**Select dynamic mode table 1:** The controller is powered off for 10 seconds and then powered on. Within 3 seconds, press the "S+" button 5 times, the blue light blink 3 times slowly, indicating successfully.

**Select dynamic mode table 2:** The controller is powered off for 10 seconds and then powered on. Within 3 seconds, press the "S-" key 5 times, and the yellow light blink 3 times slowly, indicating successfully.

## DMX512 LED Transmitter Link/Unlink

Compatible with DMX512 LED Transmitter (Purchase separately)

- ① Choose the zone for the controller by pressing ' + ' or ' - ' (e.g. 'CH12' means zone 12)



### Link

Switch off the light, after 10 seconds switch on again

When the controller pilot lamp is on, short press " SET " 3 times within 3 seconds

The controller pilot lamp blink slowly 3 times, means the linking is done successfully

### Unlink

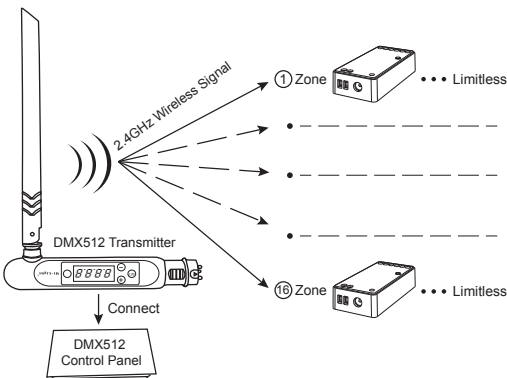
Switch off the light, after 10 seconds switch on again

When the controller pilot lamp is on, short press " SET " 5 times within 3 seconds

The controller pilot lamp blink quickly 10 times, means the unlinking is done successfully

⚠ If the link or unlink failed, please follow the above steps again.

## DMX512 LED Transmitter Connection Diagram



## Attention

1. Please check whether the voltage of the 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 turn on again only when it is in right connection and no short circuit.
3. 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 .



Controller can not use in humid area

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