

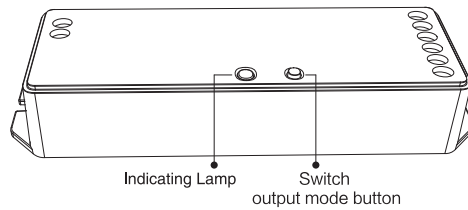
**MIBOXER<sup>®</sup>** | **Mi·Light**  
Subordinate New Brand

**5 IN 1 Smart LED Controller**

Model No.: LS2

## Introduction

5 in 1 (Single Color&CCT&RGB&RGBW&RGB+CCT) smart strip controller is our newly developed high-end LED controller controlled by wireless remote controller, also with smartphone control and 4G long distance control (2.4GHz gateway is needed). The controller has auto-transmitting and auto-synchronizing function and with brightness, CCT, RGB, RGBW and RGB+CCT output mode. This controller adopt the widely used 2.4GHz wireless technology with the features of low power consumption, long signal transmitting and strong anti-interference,etc. One compatible remote control many controllers at the same time. Widely used on the controlling of hotel lighting and home lighting.



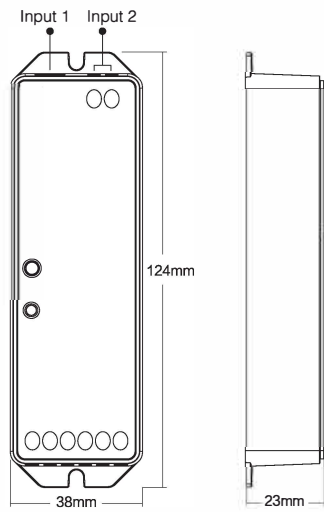
### Indicating lamp showing instruction

Indicating Lamp Color	Output Mode
White Light	Single Color Mode
Yellow Light	Dual White Mode
Red Light	RGB Mode
Green Light	RGBW Mode
Blue Light	RGB+CCT Mode

### Technical Data

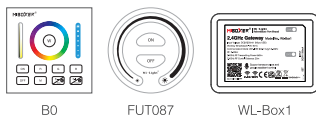
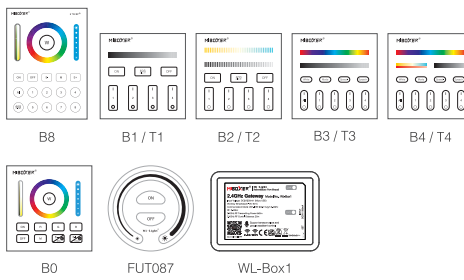
Model No.: LS2  
Working Temperature: -20~60°C  
Input Voltage: DC12V~24V  
Output: 6A/Channel


Connection: Common anode  
RF: 2.4GHz  
Control Distance: 30m  
Size: 124\*38\*23mm  
Weight: 60g



## Remote Controller

Compatible with these remote controls (Purchased separately).  
For more details, pls read the remote instruction.



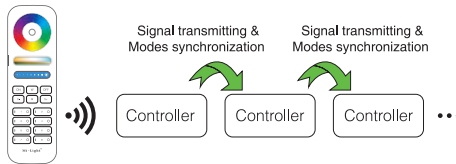
 Lighting can be working after linking with remote;  
for more details, pls read the remote instruction.

### Signal transmitting

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

### Modes synchronization

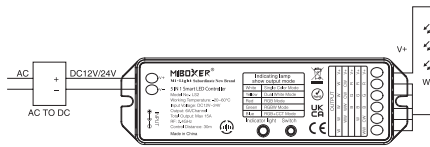
Different lighting fixture can work synchronously when they are started at different times, controlled by the same remote, under same dynamic mode and within 30m distance.



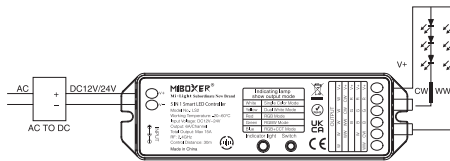
### Dynamic Mode Sheet

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	

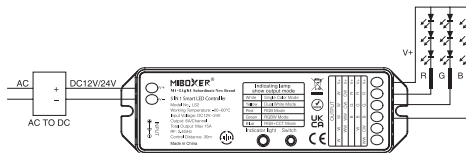
### Controller connect to LED strip diagram



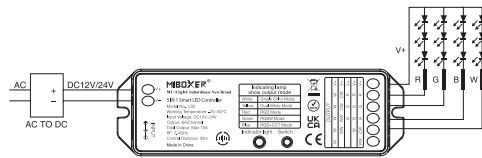
Controller connect to Single Color LED strip diagram



Controller connect to CCT LED strip diagram



Controller connect to RGB LED strip diagram



Controller connect to RGBW LED strip diagram



Controller connect to RGB+CCT LED strip diagram

### 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 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 .

### FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

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.



Controller not suitable  
for use under moisture



Made in China



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To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.