




















## 1. Product feature

This product uses WiFi + Bluetooth + 2.4G wireless transmission technology, low power consumption, strong anti-interference ability. WiFi + Bluetooth connect network can greatly enhance the connect network experience. When the router is disconnected, Bluetooth can also directly connect and control equipment at close range. After successful network configuration using [MiBoxer Smart] APP to achieve wireless dimming, remote control, group control, scene control, timing control, music movement, biorhythm, sleep plan, wake plan, one key execution, automation, etc. functions. And it supports 2.4G remote control.

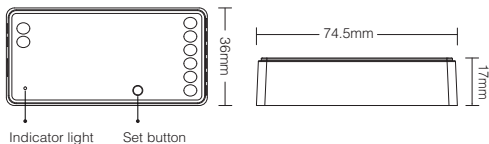
-  16 Millions of colors to choose
-  WiFi wireless control support long-range control
-  Color temperature 2700K~6500K
-  Smartphone APP control
-  Dim brightness / saturation
-  Support third party voice control
-  Support music rhythm
-  Support remote control (control distance 30m)
-  Support scene customization
-  Device sharing
-  Timing setting / countdown turn on / off LED light
-  Group control
-  Do not disturb mode
-  2.4G wireless transmission technology
-  sleep / wakeup plan
-  Auto-transmitting & Synchronization (only for remote control dimming)
-  Biorhythm
-  DMX512 controllable (DMX512 LED transmitter is needed)
-  Tap-to-Run & automation

## RGB + CCT LED Controller (WiFi + 2.4G)

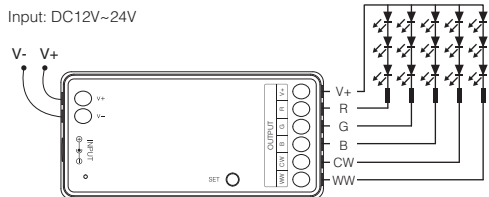
Model No.: FUT039W

## 2. Product Parameter

Model No.: FUT039W      RF: 2.4GHz  
 Input Voltage: DC12V~24V      Remote Control Distance: 30m  
 Output: 12A/Channel      Bluetooth Protocol: Bluetooth4.2  
 Total Output: Max 12A      Working Temperature: -10~40°C  
 WiFi Standard: IEEE 802.11b/g/n 2.4GHz



## 3. Connection Diagram



## 4. Link Code / Unlink Code with remote

### 4.1 Link code

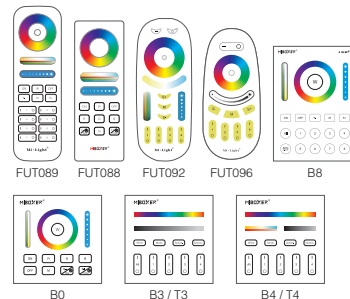
- (1) Making controller to enter Link code / Unlink code mode:  
 Method 1: short press " SET " button one time.  
 Method 2: switch off controller, switch on again after 10 seconds.
- (2) Short press zone " | " or " ON " 3 times on remote within 3 seconds, light blinking 3 times slowly means the linking is done successfully.

### 4.2 Unlink code

- (1) Making controller to enter Link code / Unlink code mode:  
 Method 1: short press " SET " button one time.  
 Method 2: switch off controller, switch on again after 10 seconds.
- (2) Short press zone " | " or " ON " 5 times on remote within 3 seconds, light blinking 10 times quickly means the linking is done successfully.

### 4.3 Compatible with following remote controls

(Purchase separately)



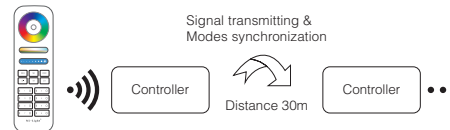
## 5. Auto-transmitting & Synchronization (only for remote control)

### 5.1. Signal transmitting

LED controller can transmit the signals from the remote control to another one within 30m, as long as there is LED controller within 30m, the remote control distance is unlimited.

### 5.2. 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.



## 6. Dynamic mode selection (only for remote control)

### 6.1. Select dynamic mode table 1:

Controller is powered off for 10 seconds and then powered on, or short " SET " button one time. Press the " S+ " button 5 times within 3 seconds, the blue light blink 3 times slowly, selection is done successfully.

### 6.2. Select dynamic mode table 2:

Controller is powered off for 10 seconds and then powered on, or short " SET " button one time. Press the " S- " button 5 times within 3 seconds, the yellow light blink 3 times slowly, selection is done successfully.

### 6.3. Dynamic mode sheet 1(default in factory)

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	

### 6.4. Dynamic mode sheet 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	

## 7. PWM high frequency / low frequency switching (only for remote change)

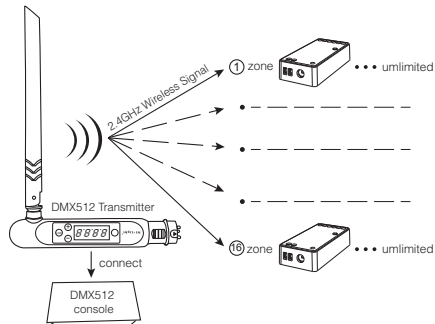
7.1 Switch to high frequency (6KHz): on the condition of turning on light

- (1) Short press " OFF " button of the remote control once.
- (2) Short press the " ON " button 5 times within 3 seconds, white light blink 2 times quickly, switching is done successfully.

7.2 Switch to low frequency (400Hz): on the condition of turning off light

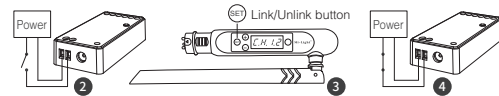
- (1) Short press " ON " button of the remote control once.
- (2) Short press the " OFF " button 5 times within 3 seconds, white light blink 2 times slowly, switching is done successfully.

## 8. Compatible with DMX512 LED Transmitter (Purchase separately)



### 8.1. DMX512 LED Transmitter Link Code / Unlink Code

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



#### Link Code

Short press " set " button on controller , or switch off controller, switch on again after 10 seconds.

Short press " SET " 3 times within 3 seconds when controller indicator light is on.

The controller indicator light blink slowly 3 times unlinking is done successfully.

#### Unlink Code

Short press " set " button on controller , or switch off controller, switch on again after 10 seconds.

Short press " SET " 5 times within 3 seconds when controller indicator light is on.

The controller indicator light blink quickly 10 times unlinking is done successfully.

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

## 9. Attention

- 9.1. 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.
- 9.2. 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 affected seriously.
- 9.3. Non-professional users are not allowed to disassemble the equipment directly, otherwise the equipment may be damaged.



Scan to watch video

Controller can not use in humid area



Made in China

## 10. APP Installation

### 10.1. Download and install [MiBoxer Smart] APP

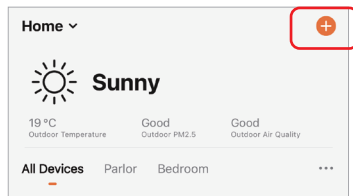
Search for [MiBoxer Smart] in Apple or Google store or scan following QR code to download and install the app.

Please click "Register" button to create account while using it in the first time, Log in directly if you already had account.

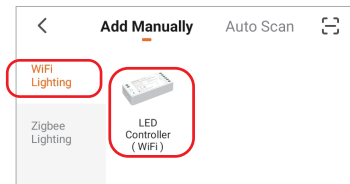


### 10.2. Network Configuration

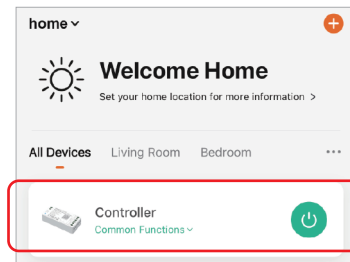
- (1) Connect controller with power supply.
- (2) Confirm indicator light is flashing quickly (2 flashes per second)  
If indicator light isn't in fast flashing state, there are two ways to enter:
  - Long press "SET" key until indicator light flashing quickly.
  - Power off and on controller 3 times.
- (3) Connect phone with home WiFi network in the 2.4GHz frequency.
- (4) Open homepage of APP and click "+" button at the upper right corner of page.



- (5) Click "WiFi Lighting" on the left side of page and then click "LED Controller (WiFi)".
- (6) Follow APP prompts to complete configuration.



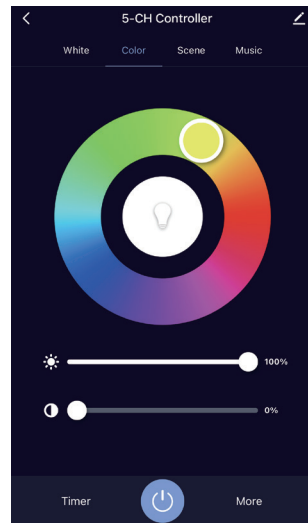
- (7) Added devices will be displayed on home page after network configuration is successful.
- (8) Click device you want to control to enter the control interface.



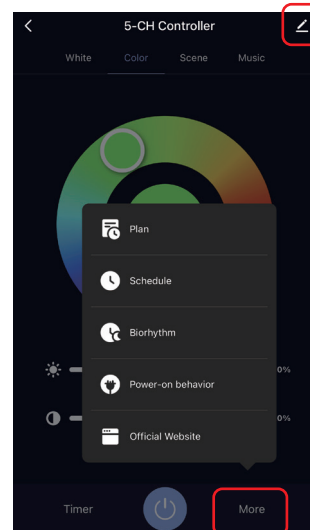
### 10.3. APP control

- (1) Click "device" or "group" you want to control on homepage to enter control page, where you can control color, saturation, brightness, color temperature, and scene.
- (2) Click music to enter music rhythm mode, light will change with rhythm of music.

Note: Music rhythm mode requires phone keep on this page.

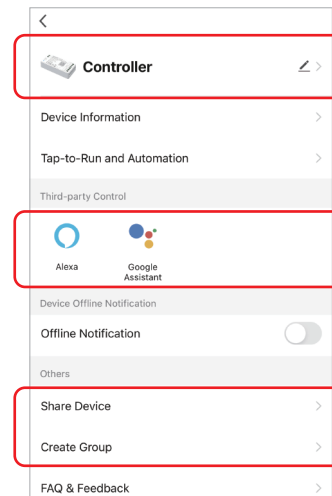


- (3) Click "More" to enter biorhythm, timing, sleep plan, wake plan, power-on response setting.
- (4) After opening the "Do Not Disturb Mode" in the power-on response, turn on light needs power on twice when light is powered off in the off state. (Applicable for frequent power outages area to save energy)



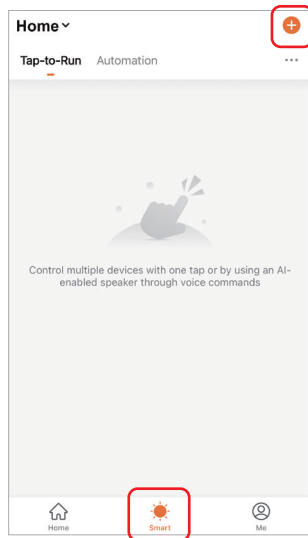
### 10.4. Device name editing, third-party control, device sharing, group control.

- (1) Click "edit" icon on the upper right corner of control page to enter edit page, where you can modify device name, icon, etc.
- (2) Click icon under third-party control to view detailed description of third-party control.
- (3) Click "Share Device" to share device with family and friends.
- (4) Click "Create Group" and follow APP prompt after setting is completed, the device can be controlled by group.

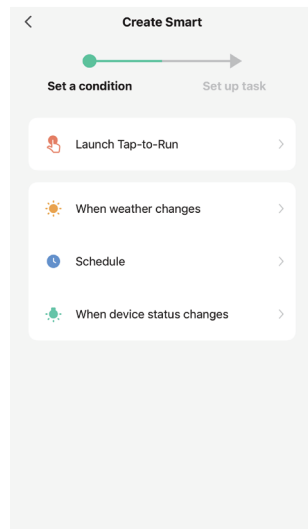


## 10.5. Intelligent control

- (1) Click "Smart" at the bottom.
- (2) Click "+" in the upper right corner to create intelligent control.

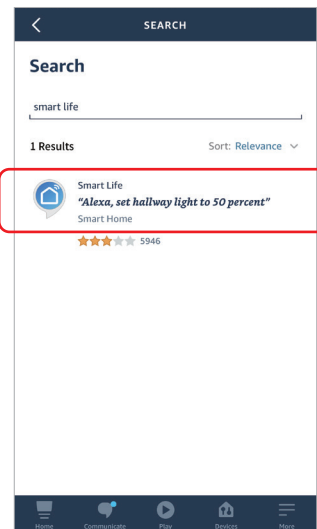


- (3) In the page of creating smart, you can set command to be executed under the specified conditions (such as: turn on or turn off light, color, brightness, mode, etc.)



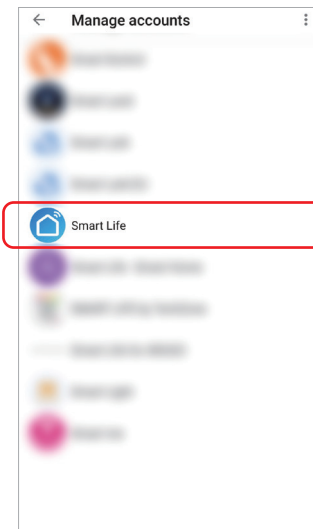
## 11. Support Amazon Alexa Control

Please search "Smart Life" skill in Alexa APP and activate the skill



## 12. Support Google Home Control

Please search "Smart Life" skill in Google Home APP and activate the skill



## 13. Bluetooth control instructions

When the router is disconnected, you can turn on the Bluetooth of your smartphone and connect directly controlled device at a short distance.

### Switching Bluetooth control steps:

- (1) Complete the network distribution of the equipment.
- (2) Power off the router used for network configuration, turn off WiFi on the mobile phone, turn on Bluetooth, and wait for about 3-5 minutes to control.