MiBOXER® | Mi·Light Subordinate New Brand

RGB LED Controller（WiFi + 2.4G）

Model No.: FUT037W

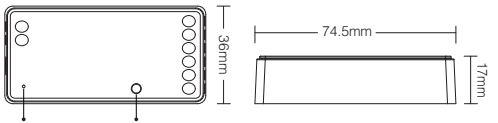
1. Product feature

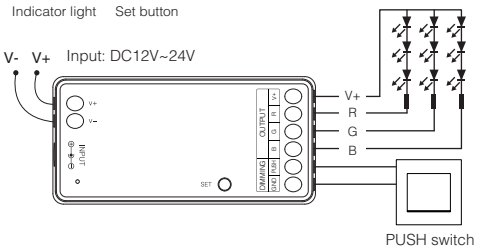
This product uses WiFi + Bluetooth + 2.4G wireless transmission technology, low power consumption, strong anti-interference ability.
WiFi + Bluetooth connect network can greatly enhance the connect network experience. When the router is disconnected, Bluetooth can also directly connect and control equipment 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
- Mix red, green and blue light to adjust color temperature
- Dim brightness / saturation
- Support music rhythm
- Support scene customization
- Timing setting / countdown turn on / off LED light
- Do not disturb mode
- sleep / wakeup plan
- Biorhythm
- Tap-to-Run & automation
- WiFi wireless control support long-range control
- Smartphone APP control
- Support third party voice control
- Support remote control (control distance 30m)
- Device sharing
- Group control
- 2.4G wireless transmission technology
- Auto-transmitting & Synchronization (only for remote control dimming)
- Support PUSH dimming

2. Product Parameter

Model No.: FUT037W
RF: 2.4GHz
Input Voltage: DC12V~24V
Remote Control Distance: 30m
Output: 6A/Channel
Bluetooth Protocol: Bluetooth4.2
Total Output: Max 12A
Working Temperature: -10~40°C
WiFi Standard: IEEE 802.11b/g/n 2.4GHz





3. PUSH dimming

Short press push switch: turn on or turn off light.

Long press push switch:

- stepless dimming brightness.
- Long press / release and long press again to increase or decrease brightness.

4. Link Code / Unlink Code with remote

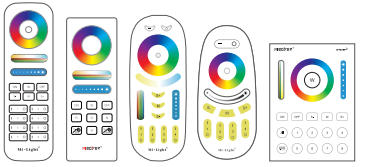
4.1 Link code

(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 unlinking is done successfully.

4.3 Compatible with following remote controls (Purchase separately)



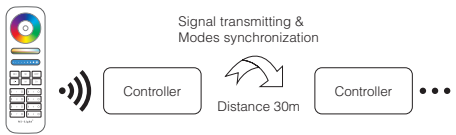
5. Auto-transmitting & Synchronization (only for remote control)

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. Attention

8.1. 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.
8.2. 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.
8.3. Non-professional users are not allowed to disassemble the equipment directly, otherwise the equipment may be damaged.


Controller can not use in humid area




Scan to watch video

Made in China

9. APP Installation

9.1. Download and install **[MiBoxer Smart]** APP

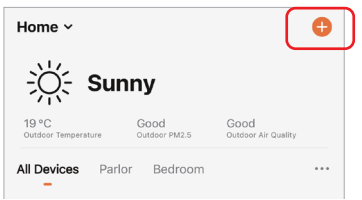
Search for **[MiBoxer Smart]** in Apple or Google store or scan following QR code to download and install the app.

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

9.2. Network Configuration

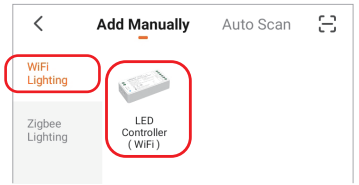
(1) Connect controller with power supply.
(2) Confirm indicator light is flashing quickly (2 flashes per second)
If indicator light isn't in fast flashing state, there are two ways to enter:
- Long press " SET " key until indicator light flashing quickly.
- Power off and on controller 3 times.

(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.



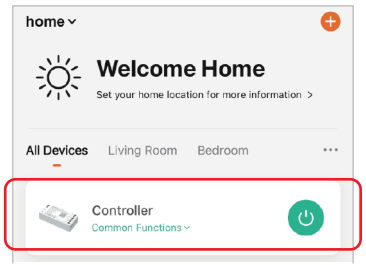
(5) Click " WiFi Lighting " on the left side of page and then click " LED Controller (WiFi) "

(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.

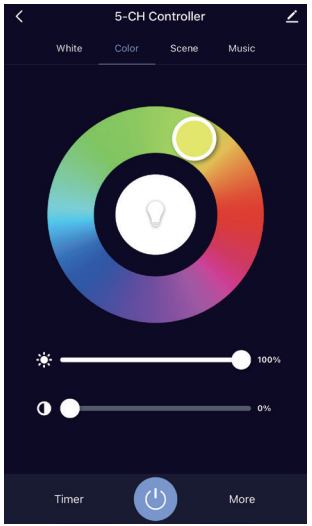


9.3. APP control

(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.

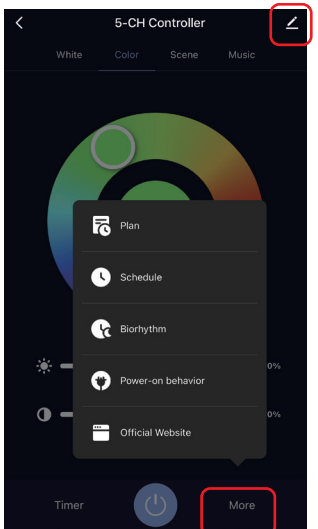
(2) Click music to enter music rhythm mode, light will change with rhythm of music.

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)



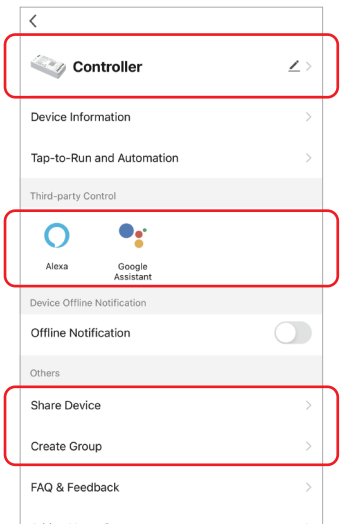
9.4. Device name editing, third-party control, device sharing, group control.

(1) Click " " 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.

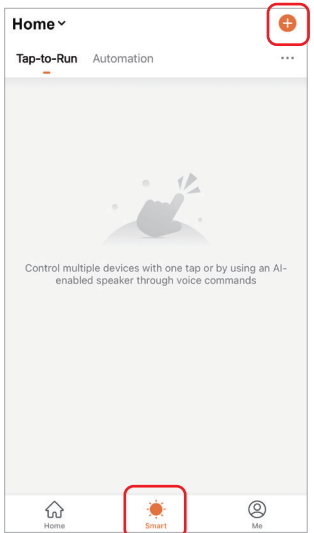
(4) Click " Create Group " and follow APP prompt after setting is completed, the device can be controlled by group.



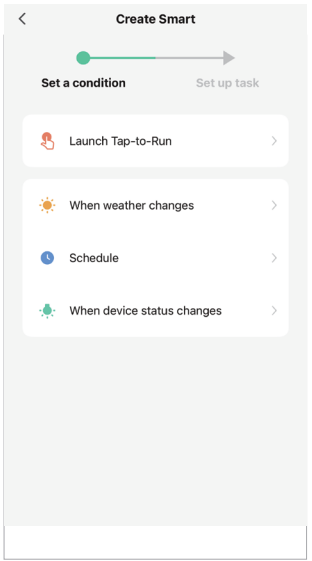
9.5. Intelligent control

(1) Click " Smart " at the bottom.

(2) Click " + " in the upper right corner to create intelligent control.

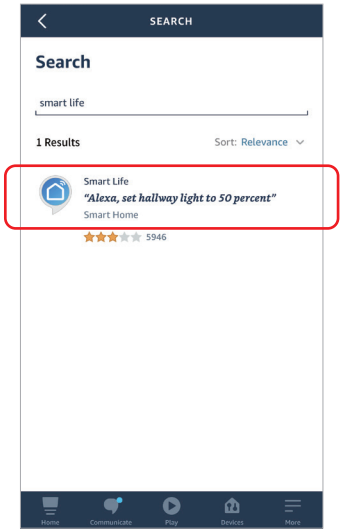


(3) In the page of creating smart, you can set command to be executed under the specified conditions (such as: turn on or turn off light, color, brightness, mode, etc.)



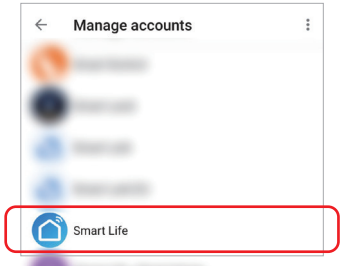
10. Support Amazon Alexa Control

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



11. Support Google Home Control

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



12. 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.