Manuals+ — User Manuals Simplified.

MiBOXER WL5 WiFi + 2.4G 5 in 1 LED Controller Instruction Manual

Contents

MiBOXER®

MiBOXER WL5 WiFi + 2.4G 5 in 1 LED Controller

Specifications

- **Product Name**: Subordinate New Brand 5 in 1 LED Controller (WiFi + 2.4G)
- **Product Features**
    - 16 Million colors to choose from
    - Color temperature adjustable
    - Dim brightness / Saturation
    - 2.4G RF wireless transmission technology
    - WiFi wireless control
    - WiFi support long-range control
    - Auto-transmitting & Synchronization (only for remote control dimming)
- **Device Sharing**: Allows multiple devices to control the LED lights
- **Biorhythm**: Supports music rhythm, sleep/wake up plan, scene customization, and do not disturb mode
- **Set up Output Mode**: Set up the correct output mode based on the features of the lights
- **Compatible with these 2.4G RF remote controls (Purchased separately)**
    - FUT100
    - FUT089S
    - FUT089
    - FUT088
    - FUT092
    - FUT096
    - B8
    - FUT089-B
    - FUT092-B
    - FUT096-B
    - B0 / B0-B
    - B4 / B4-B / T4
    - B3 / B3-B / T3
    - S2W+
    - WL-Box2

Product Usage Instructions

Set up Output Mode
To set up the correct output mode, follow these steps

1. Press the SET button continuously to switch the output mode.
2. Confirm the output mode based on the color of the indicator

Indicator Color	Output Mode
White Light	Single Color
Yellow Light	Dual White
Red Light	RGB
Green Light	RGBW
Blue Light	RGB+CCT
PUSH Dimming	Short press PUSH switch: Turn ON/OFF light Long press PUSH switch: Stepless dimming brightness. Long press and release your finger, then repeat long pressing to increase or decrease brightness.

Linking Code Instructions (2.4G RF Remote Control)
To link the remote control with the LED light, follow these steps

1. Power off the LED light for 10 seconds and power it on again.
2. Short press the SET button one time or turn on the light via the PUSH switch.
3. The lights will blink 3 times slowly, indicating successful linking.

If the lights do not blink slowly, please repeat the above steps.

Unlinking Code Instructions (2.4G RF Remote Control)
To unlink the remote control from the LED light, follow these steps

1. Power off the LED light for 10 seconds and power it on again or short press the SET button one time or turn on the light via the PUSH switch.
2. Short press the I button 5 times within 3 seconds.
3. The lights will blink 10 times quickly, indicating successful unlinking.

If the lights do not blink quickly, please repeat the above steps.

Auto Transmitting & Synchronization (only for remote control)

- The remote control can transmit signals from one light to another within a distance of 30m. As long as there is a light within 30m, the remote control distance can be limitless.
- Multiple lights can synchronize if they are in the same dynamic mode and linked with the same remote. The distance between each light should be within 30m.

Dynamic Mode Table Selection (only for remote control)
To select a dynamic mode table, follow these steps

- **Select dynamic mode table 1**: While the light is in static mode, short press the S+ button 5 times quickly until the blue light flashes 3 times slowly, indicating successful activation of static mode.
- **Select dynamic mode table 2**: While the light is in static mode, short press the S- button 5 times quickly until the yellow light flashes 3 times slowly, indicating successful activation of static mode.

FAQ

- **Q: Can I control the LED lights using my smartphone?**

  A: Yes, you can control the LED lights using a smartphone app.

- **Q: Does the LED controller support third-party voice control?**

  A: Yes, the LED controller supports third-party voice control.

- **Q: What is the control distance of the remote control?**

  A: The control distance of the remote control is 30m.

- **Q: Can I set up timing for turning on/off the LED lights?**

  A: Yes, you can set up timing for turning on/off the LED lights.

- **Q: Is the LED controller compatible with DMX512?**

  A: The LED controller is DMX512 controllable, but you will need an additional DMX512 LED transmitter for RGB+CCT output mode.

Subordinate New Brand
5 in 1 LED Controller (WiFi + 2.4G)
Instruction Manual

Product features

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 [Tuya 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

- Color temperature adjustable

- Dim brightness / Saturation

- 2.4G RF wireless transmission technology

- WiFi wireless control support long-range control

- Auto-transmitting & Synchronization (only for remote control dimming)

- Device sharing

- Tap-to-Run & automation

- Timing setting / countdown turn on / off LED light

- DMX512 controllable (Only for RGB+CCT output mode DMX512 LED transmitter is needed)

- Remote control Control distance 30m

- Smartphone app control

- Support third party voice control

- Group control

- Biorhythm

- Support music rhythm

- Sleep / wake up plan

- Support scene customization

- Do not disturb mode

Set up output mode

Set up correct output mode based on the feature of lights
Setting method: Press "SET" button continuously to switch output mode (attention: it will log out without operation within 3 seconds)
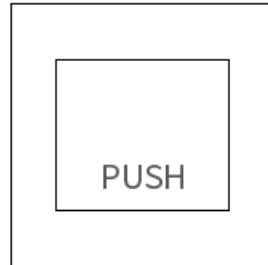Output mode sheet (confirm output mode based on color of indicator)

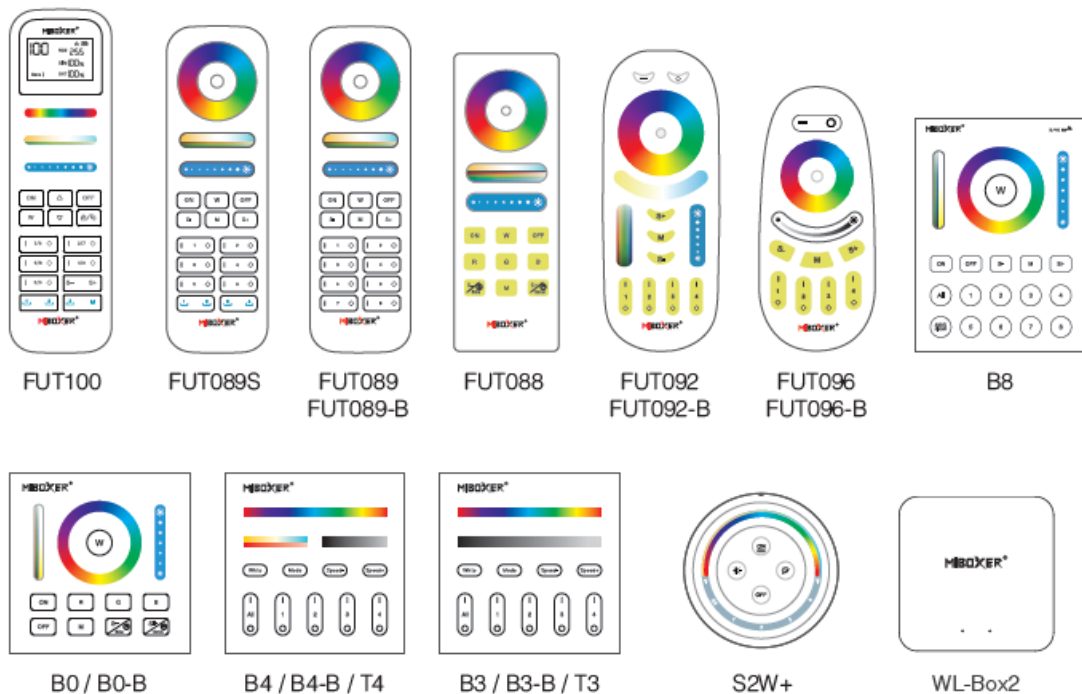| Indicator color	White Light	Yellow Light	Red Light	Green Light	Blue Light
Output	Single Color	Dual White	RGB	RGBW	RGB+CCT

PUSH Dimming
Short press PUSH switch: Turn ON/OFF light
Long press PUSH switch

- Steeples dimming brightness.

- Long press and release your finger, then repeat long pressing to increase or decrease brightness.

Compatible with these 2.4G RF remote controls (Purchased separately)

| FUT100 | FUT089S | FUT089 FUT089-B | FUT088 | FUT092 FUT092-B | FUT096 FUT096-B | B8 |

| B0 / B0-B | B4 / B4-B / T4 | B3 / B3-B / T3 | S2W+ | WL-Box2 |

2.4G RF Remote control instruction

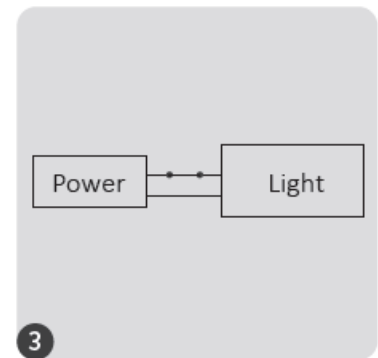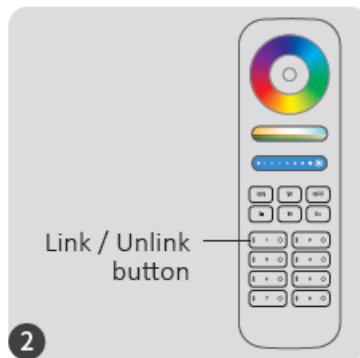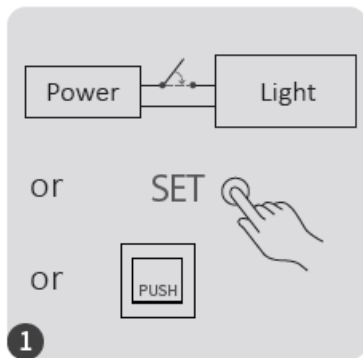1. **Linking Code Instructions**

   1.

Power off 10 seconds and power on again or short press "SET" one time or turn on light via PUSH switch

2. Short press " I " button 3 times within 3 seconds.

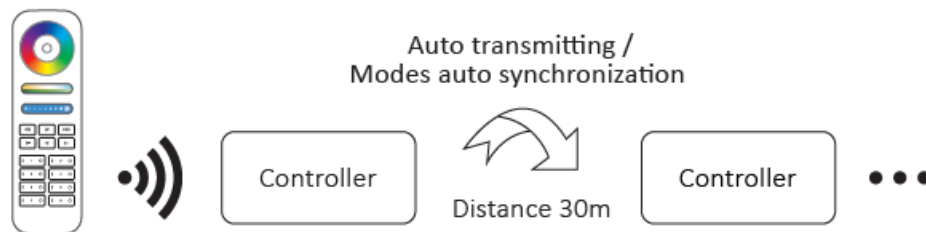3. Lights blink 3 times slowly means linking is done successfully.

⚠️ Linking failed if light is not blinking slowly, Please follow above steps again. (**Note**: Light that have linked can't link again)

2. **Unlinking Code Instructions**

   1.

Power off 10 seconds and power on again or short press "SET" one time or turn on light via PUSH switch

2. Short press " I " button 5 times within 3 seconds.

3. Lights blink 10 times quickly means unlinking is done successfully.

⚠️ Unlinking failed if light is not blinking quickly, Please follow above steps again. (Note: Light haven't linked that don't need to unlink)

3. **Auto transmitting & Synchronization (only for remote control)**

   Remote signal auto transmitting

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

   Dynamic modes auto synchronization

   Multi lights can synchronize if they are in same dynamic mode and linked with same remote (distance between each light is within 30m)

4. **Dynamic mode table selection (only for remote control)**

   Select dynamic mode table 1

   While the light is in static mode, short press " **S+** " button 5 times quickly until blue light flashes 3 times slowly, static mode is activated successfully.

   Select dynamic mode table 2

   While the light is in static mode, short press " **S-** " button 5 times quickly until yellow light flashes 3 times slowly, static mode is activated successfully.

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	Seven 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	

PWM high frequency / low frequency switching (only for remote control)

Switch to high frequency
Press "OFF" button 1 time within three seconds and press "ON" button 5 times, Activated successfully once led light flashes 2 times quickly.
Switch to low frequency
Press "ON" button 1 time within three seconds and press "OFF" button 5 times, Activated successfully once led light flashes 2 times slowly.

"Do Not Disturb" mode is activated and shut down (default activated)
Turn on "Do Not Disturb" mode (wide using in the area which have power failure frequently to save energy)

2.4G RF Remote turn on and turn off instruction

Turn on "Do Not Disturb" mode:
Press "OFF" button three times within three seconds and press "ON" button three times, Activated successfully once led light flashes four times quickly.
Attention: Do not disturb mode is activated.

1. When the light is OFF status (For example: Use app or remote to turn off light) The light is OFF status once you
   turn off power and turn on again. (User must turn off and turn on power twice times to activate light or use APP /
   remote to activate light)
2. When the light is ON status The light is ON status once you turn off and turn on power one time.

Turn off "Do Not Disturb" mode
Press "ON" button three times within three seconds and press "OFF" button three times, closed successfully once led light flashes four times slowly.
Attention: The light will be always "ON" status if you turn on and turn off power once user closed "Do Not Disturb" mode.

App turn on and off "Do Not Disturb" mode instruction (check details in page 8)

Smartphone APP control instruction

Network Configuration (Don't support 5G router)

1. **Download and install [Tuya Smart] app**

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

   Please open the app click " Register " button to create account while using it in the first time,

   Log in directly if you already had account.

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:
      1. Long press " SET " key until indicator light flashing quickly.
      2. Power off and on controller 6 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 " Lighting " on the left side of page and then click " Light Source (BLE+Wi-Fi) "
   6. Follow app prompts to complete configuration.
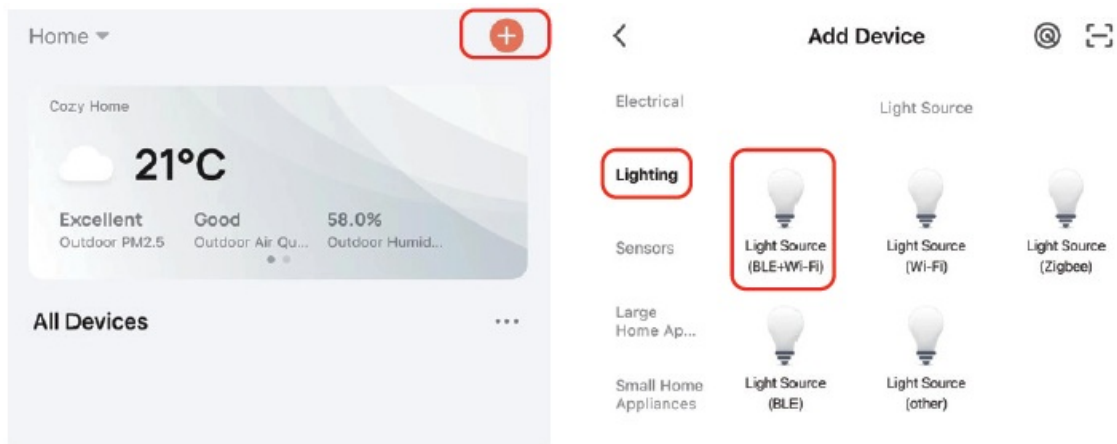
App turn on and off "Do Not Disturb" mode (default activated)
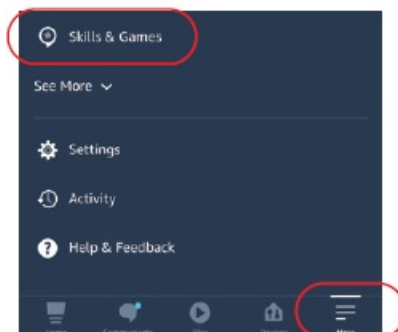Click the light which need to be set up or group control — click "More" — click "Power-on behavior" — turn on or off
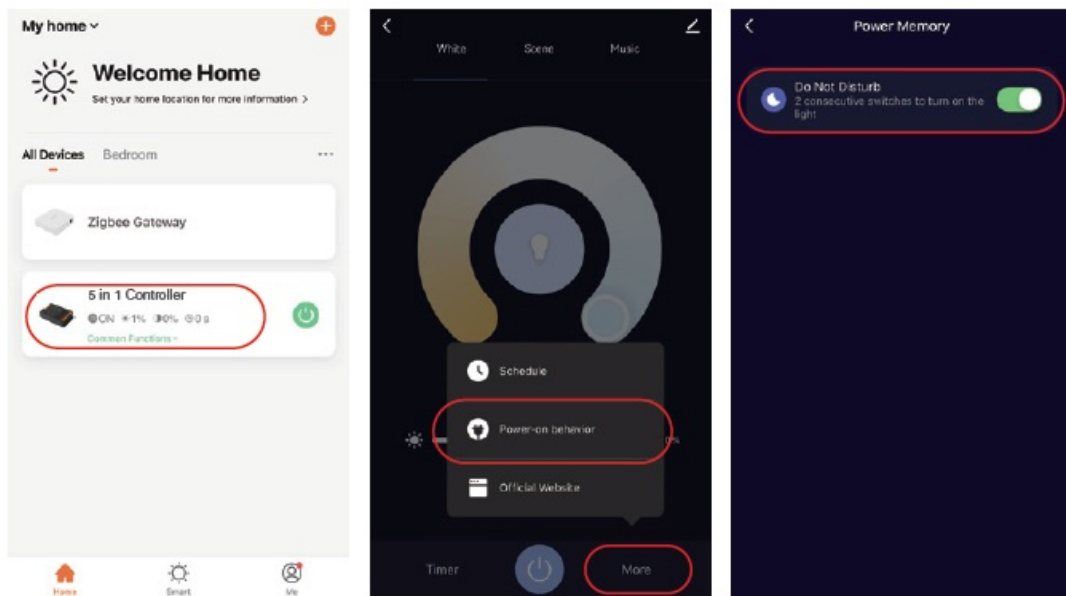
Alexa voice control instruction

Please add device into [Tuya Smart] app (check details in page 7), then start following steps
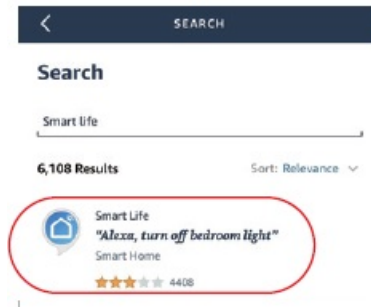
1. Open Alexa App
2. Click "More" on the bottom of right corner
3. Click "Skills & Games"

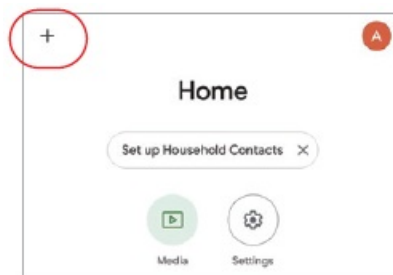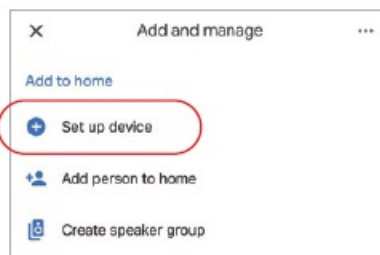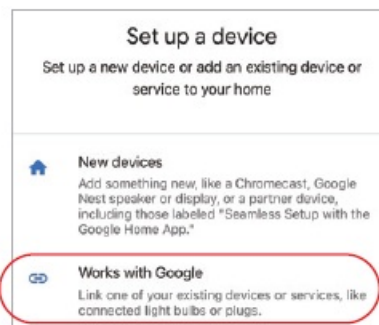4. Click " 🔍 " on the top of right corner
5. Type into "Smart life" and search

6. Click "Smart Life" skill, follow instruction to finish configuration and start voice control

Google Home voice control instruction

Please add device into [Tuya Smart] app (check details in page 7), then start following steps

1. Open Google Home App
2. Click "+" on the top of left corner

3. Click "Set up device"

4. Click "Works with Google"

5. Click " 🔍 " on the top of right corner
6. Type into "Smart life" and search
7. Click "Smart Life" skill, follow instruction to finish configuration and start voice control
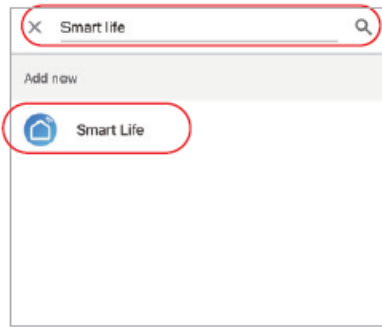
DMX512 LED Transmitter Control (Purchased separately)
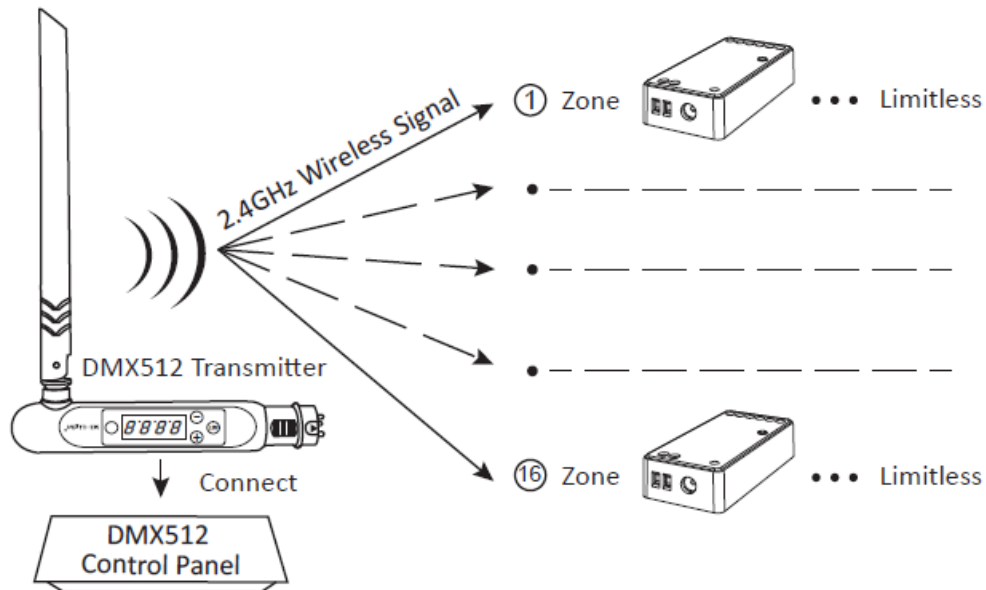
DMX512 LED Transmitter Link/Unlink

Follow instruction of DMX512 transmitter (FUTD01), Choose the zone for the light by pressing " + " or " − " (e.g. "CH12" means zone 12)
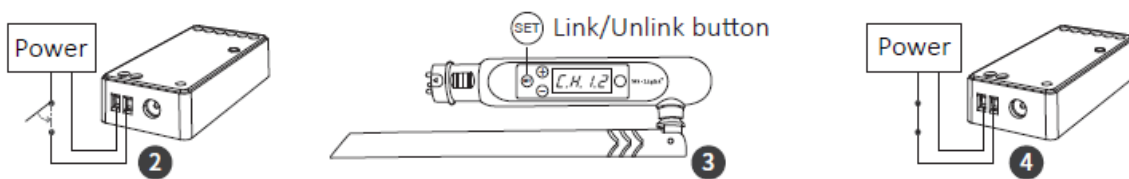
Link

- The controller is powered off for 10 seconds and then powered on, or press " SET " button 1 time.
- Short press " (SET) " 3 times within 3 seconds while the indicator of controller is ON
- Link is done once indicator of controller flashes 3 times slowly

Unlink

- The controller is powered off for 10 seconds and then powered on, or press " SET " button 1 time.
- Short press " (SET) " 5 times within 3 seconds while the indicator of controller is ON

- Unlink is done once indicator of controller flashes 10 times quickly

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

Attention

1. Please turn off power supply before installation.
2. Please ensure input voltage to be same as requirements from device.
3. Don't disassemble device if you are not expert, otherwise it will damage it.
4. Please do not use the light in the place with widely range metal area or strong electromagnetic wave nearby, otherwise, the remote distance will be seriously affected.

Scan QR code to watch WiFi series video instruction Or enter into following link directly
https://miboxer.com/light/video/wifi_2.html

Made in China

Documents / Resources

MiBOXER WL5 WiFi + 2.4G 5 in 1 LED Controller [pdf] Instruction Manual
WL5 WiFi 2.4G 5 in 1 LED Controller, WL5, WiFi 2.4G 5 in 1 LED Controller, 5 in 1 LED Controller, LED Controller, Controller

References

- **User Manual**

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