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**FUT037S 3 In 1
LED Controller**

MiBOXER FUT037S 3 In 1 LED Controller Instruction Manual

Contents

MiBOXER FUT037S 3 In 1 LED Controller

Specifications

- **Product Name:** Subordinate New Brand 3 in 1 LED Controller (2.4G) /ZD
- **Output Modes**: ZZ, Z^ZZ, >h/Z, Z^ZZZ, Dy>ZZZ, WZ, D', ZZ
- **Compatible Devices:** FUT100, FUT089S, FUT089, FUT088, FUT092, FUT096, B8, FUT089-B, FUT092-B, FUT096-B, B0/B0-B, B4/B4-B/T4, B3/B3-B/T3, S2-B/S2-W S2-G, FUTD01
- **Connectivity:** DMX512 ZZW 16 Zone

Product features

Made by new 2.4GHz wireless transmitting technology with low power consumption, strong ability to build network automatically and anti-interference. with MiBoxer 2.4GHz gateway to get wireless dimming color, remote control, timing control, group control, music rhythm function. Support 2.4G RF remote control.

- 16 Millions of colors to choose

- Color temperature adjustable

- Dim brightness / Saturation

- 2.4G RF wireless transmission technology

- Remote control distance 30ml

- Auto-transmitting & Synchronization

- Support Smartphone app control (2.4GHz gateway is needed)

- Support third party voice control (2.4GHz gateway is needed)

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

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)

Outout mode sheet (confirm outout mode based on color of indicator)

Indicator color	Red Light	Green Light	Blue Light
Output	RGB	RGBW	RGB+CCT

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 | S2-B / S2-W S2-G | FUTD01 |
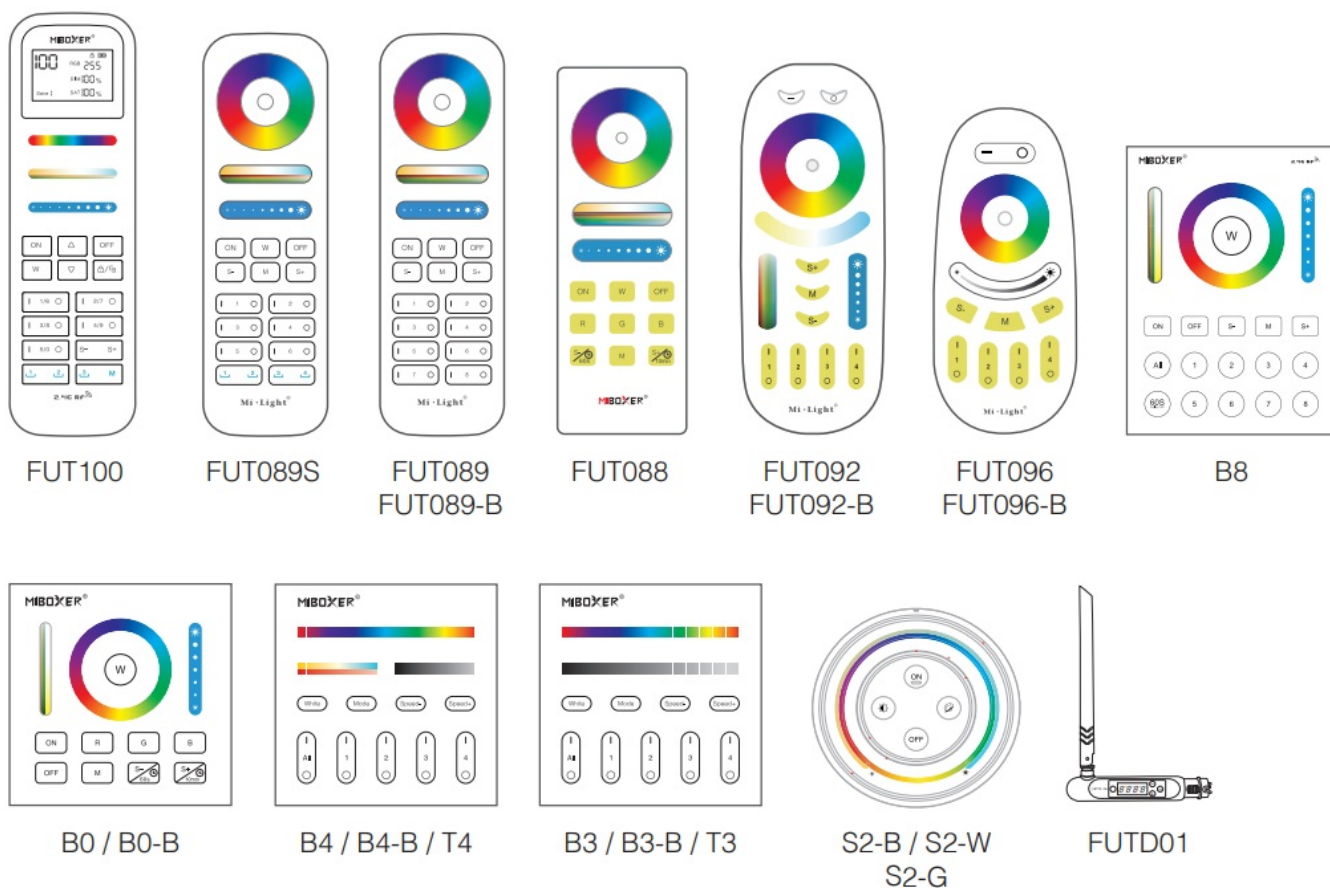
2.4G RF Remote control instruction

1. **Linking Code Instructions**

- Power off 10 seconds and power on again or short press "SET" one time.
- Short press " | " button 3 times within 3 seconds.
- 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.

2. Short press" 1″ button 5 times within 3 seconds.

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

    warning: Unlinking failed if light is not blinking quickly, Please follow above steps again.

    (Note: Light haven't linked that don't need to unlink)

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)
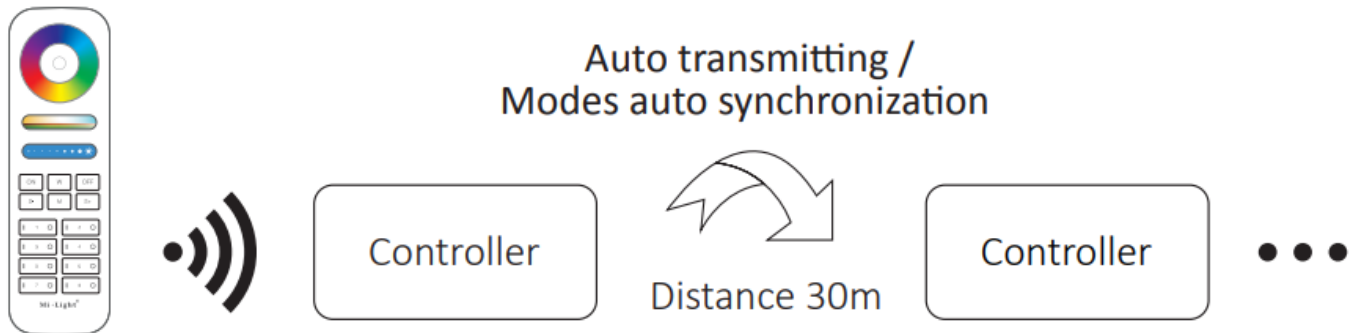
Dynamic mode table selection (only for remote control)

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	
2	Automatic color change	
3	Sam	
4	Gemstone	
5	Twilight	Adjustable
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	
2	White light Gradual change	
3	RGB gradual change	
4	Seven colors jump to change	
5	Jump to change randomly	Adjustable
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 (16KHz):**
  - 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 (250Hz):**
  - 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.
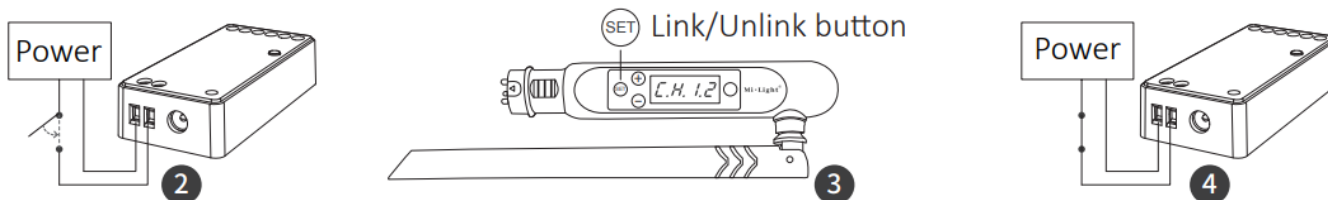**Attention:** The light will be always "ON" status if you turn on and turn off power once user closed "Do Not Disturb" mode.

DMX512 LED Transmitter Control (Purchased separately)
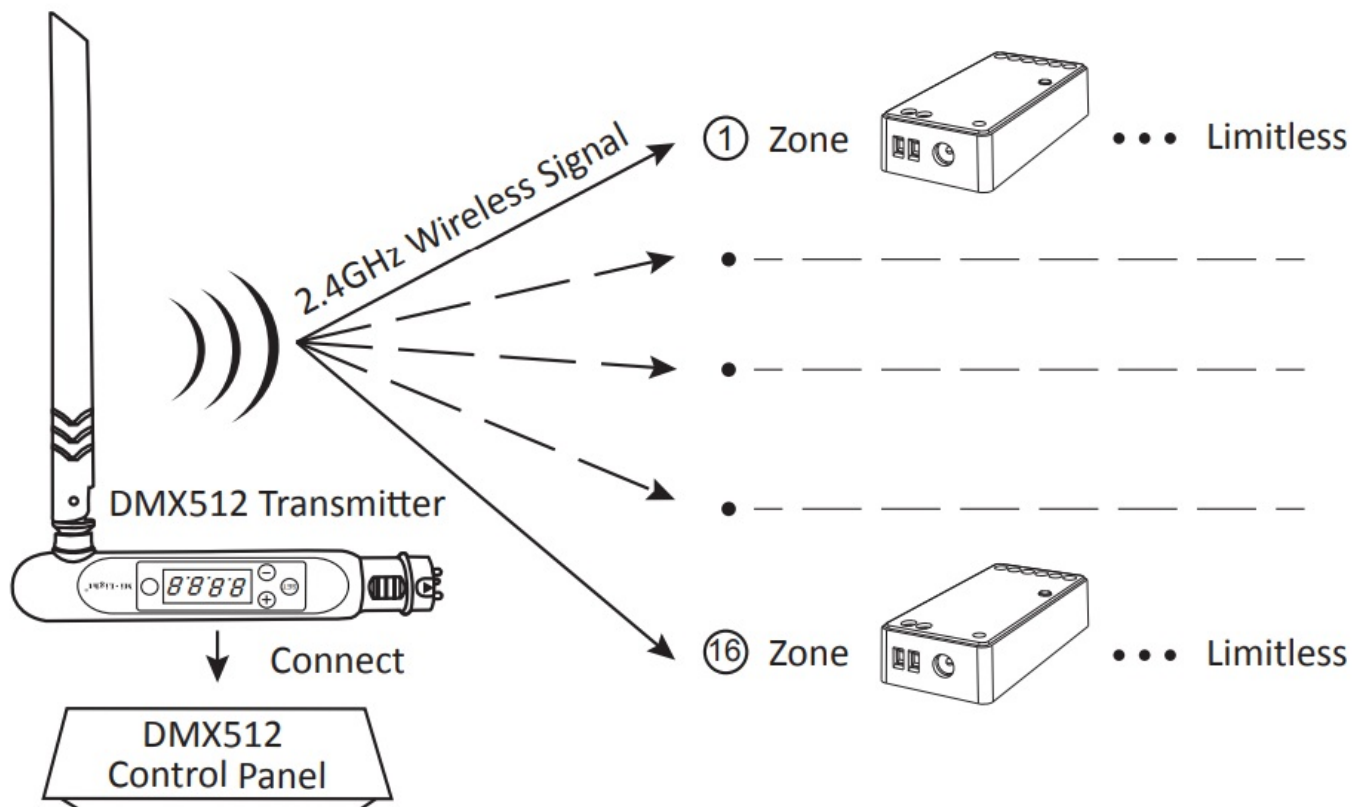
DMX512 LED Transmitter Link/Unlink
Follow instructions of DMX512 transmitter (FUTD01), Choose the zone for the light by pressing "+" or "_" (e.g. "CH12" means zone 12)

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

warning: 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.

FCC Statement

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, under Part 15 of the FCC Rules. These limits are designed to protect reasonably against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used by the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. Suppose this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on. In that case, 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction
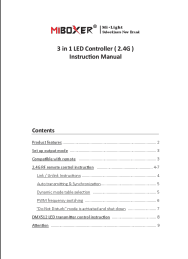Controller not suitable for use under moisture

Made in China

Frequently Asked Questions

- **Q: How do I reset the controller to factory settings?**
  - A: To reset the controller to factory settings, locate the reset button on the device and hold it down for at least 10 seconds until you see the reset confirmation.
- **Q: Can I use multiple controllers together?**
  - A: Yes, you can link multiple controllers together to synchronize their operations and control multiple devices simultaneously.
- **Q: What is the range of the wireless connection?**
  - A: The wireless connection range of the controller is approximately X meters under optimal conditions.

Documents / Resources

MiBOXER	Wi-Light Make Open Your Great 3 In 1 LED Controller (2.4G) Instruction Manual Contents Product Features .... i Set up output mode .... ii Compatible with remote .... 1 2.4G RF remote control instruction .... 4-7 Link / Unlink Instructions .... 4 Auto non-pairing & Synchronization .... 5 Dynamic mode table selection .... 5 PWM frequency and sleep .... 6 "On first Default "mode is untrained at start down .... 7 DMX512 LED transmitter control instruction .... 8 Attention 9	**[MiBOXER FUT037S 3 In 1 LED Controller](#)** [pdf] Instruction Manual FUT037S, FUT037S 3 In 1 LED Controller, 3 In 1 LED Controller, LED Controller, Controller

References

- **[User Manual](#)**