
TECHNICAL DOCUMENT

Miboxer 2 in 1 LED Controller (2.4GHz) Output Max 20A PR2

Product reference: MIBOXER- PR2

Brand: MiBoxer

Original Brand document

The original technical pages follow this distributor cover and are preserved without changes to Brand identity, specifications, diagrams, certifications or claims.

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2 in 1 LED Controller (2.4G)

Instruction Manual

Contents

<u>Product features</u>	2
<u>Set up output mode</u>	3
<u>PUSH Dimming</u>	3
<u>Compatible with remote</u>	3
<u>2.4G RF remote control instruction</u>	4-5
<u>Link / Unlink Instructions</u>	4
<u>Auto transmitting</u>	5
<u>PWM frequency switching</u>	5
<u>“Do Not Disturb” mode is activated and shut down</u>	5
<u>Attention</u>	6

Product features

Product adopt the widely used 2.4GHz wireless technology with the features of low power consumption, long signal transmitting and strong anti-interference, etc. Product has auto-transmitting function. Widely used on the controlling of hotel lighting and home lighting.



Color temperature adjustable



Dim brightness



2.4G RF wireless transmission technology



Remote control distance 30m



Auto transmitting



Support Smartphone app control (2.4GHz gateway is needed)



Support third party voice control (2.4GHz gateway 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)

Output mode sheet (confirm output mode based on color of indicator)

Indicator color	Red Light	Green Light
Output	Single Color Mode	Dual White Mode

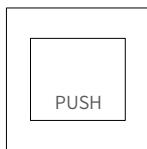
PUSH Dimming

Short press PUSH switch:

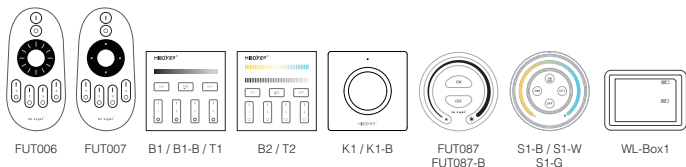
Turn ON/OFF light

Long press PUSH switch:

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

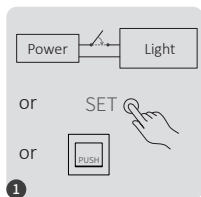


Compatible with these 2.4G RF remote controls (Purchased separately)

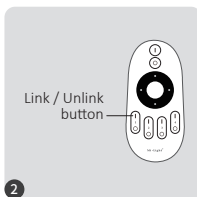


2.4G RF Remote control instruction

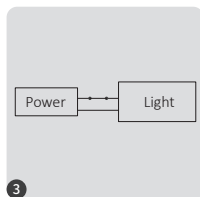
1). Linking Code Instructions



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



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

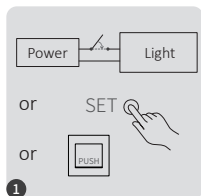


Lights blink 3 times slowly means linking is done successfully.

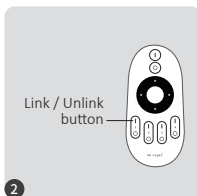


Linking failed if light is not blinking slowly, Please follow above steps again.
(Note: Light that have linked can't link again)

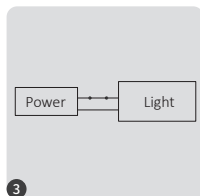
2). Unlinking Code Instructions



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



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



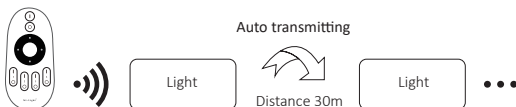
Lights blink 10 times quickly means unlinking is done successfully.



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 (2.4G RF remote signal)

The light can transmit remote signal to another light automatically while the distance between lights are 30m, the remote control distance is unlimited.
(Attention: all lights must be linked with same remote)



4). 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.

5). “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.

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 2.4GHz series video instruction Or
enter into following link directly

https://miboxer.com/light/video/1pc_remote.html



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