

**MIBOXER** | Mi-Light  
5 in 1 LED Controller (2.4GHz)

Model No.: 7898  
Output Power: 20W/30W/40W/50W  
Output Voltage: 12V/24V  
LED Type: P+SMD  
Control Distance: 100m  
Working Temp.: -10~40°C  
Made in China

Indicator  
Output Mode  
Output Voltage  
Output Current  
Dual White  
Dual Warm White  
Dual RGB  
RGB-CT

CE  
UK  
RoHS  
WEEE

	W	30W	40W	50W	12V	24V
Power	20W	30W	40W	50W	12V	24V
Output Voltage	12V	12V	12V	12V	24V	24V
Output Current	1.67A	2.5A	3.33A	4.17A	0.83A	0.83A
LED Type	P+SMD	P+SMD	P+SMD	P+SMD	P+SMD	P+SMD
Control Distance	100m	100m	100m	100m	100m	100m
Working Temp.	-10~40°C	-10~40°C	-10~40°C	-10~40°C	-10~40°C	-10~40°C
Made in China	China	China	China	China	China	China

Power: "SET" button: 10s: auto-off  
Power: "SET" button continuously: 5s: change output mode



# MiBOXER PR5-12-to-48VDC-RF 5 in 1 LED Controller Instruction Manual

[Home](#) » [MiBOXER](#) » **MiBOXER PR5-12-to-48VDC-RF 5 in 1 LED Controller Instruction Manual** 

## Contents

- 1 MiBOXER PR5-12-to-48VDC-RF 5 in 1 LED Controller
- 2 Specifications
- 3 FAQs
- 4 Product Features
- 5 PUSH Dimming
- 6 DMX512 LED Transmitter Control
- 7 Documents / Resources
  - 7.1 References
- 8 Related Posts



## MiBOXER PR5-12-to-48VDC-RF 5 in 1 LED Controller



## Specifications

- **Remote control distance:** 30m
- **Supports Smartphone app control** (2.4GHz gateway is needed)
- **Supports third-party voice control** (2.4GHz gateway is needed)
- **DMX512 controllable** (Only for RGB+CCT output mode, DMX512 LED transmitter is needed)

## FAQs

- **Q: How to link the remote control with the LED controller?**
  - **A:** Follow the linking code instructions provided in the manual. Ensure proper power cycling and button presses as described.

## 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, and 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 30m



- 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)

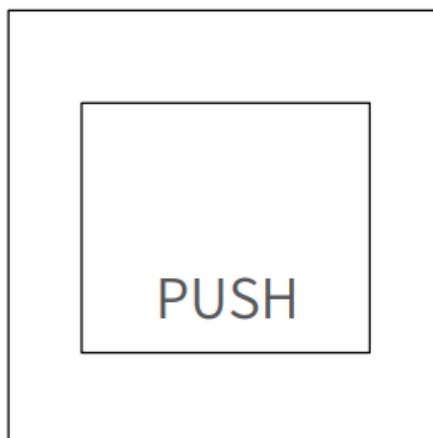
### Set up output mode

- Set up the correct output mode based on the feature of lights
- **Setting method:** Press the “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 the color of the indicator)

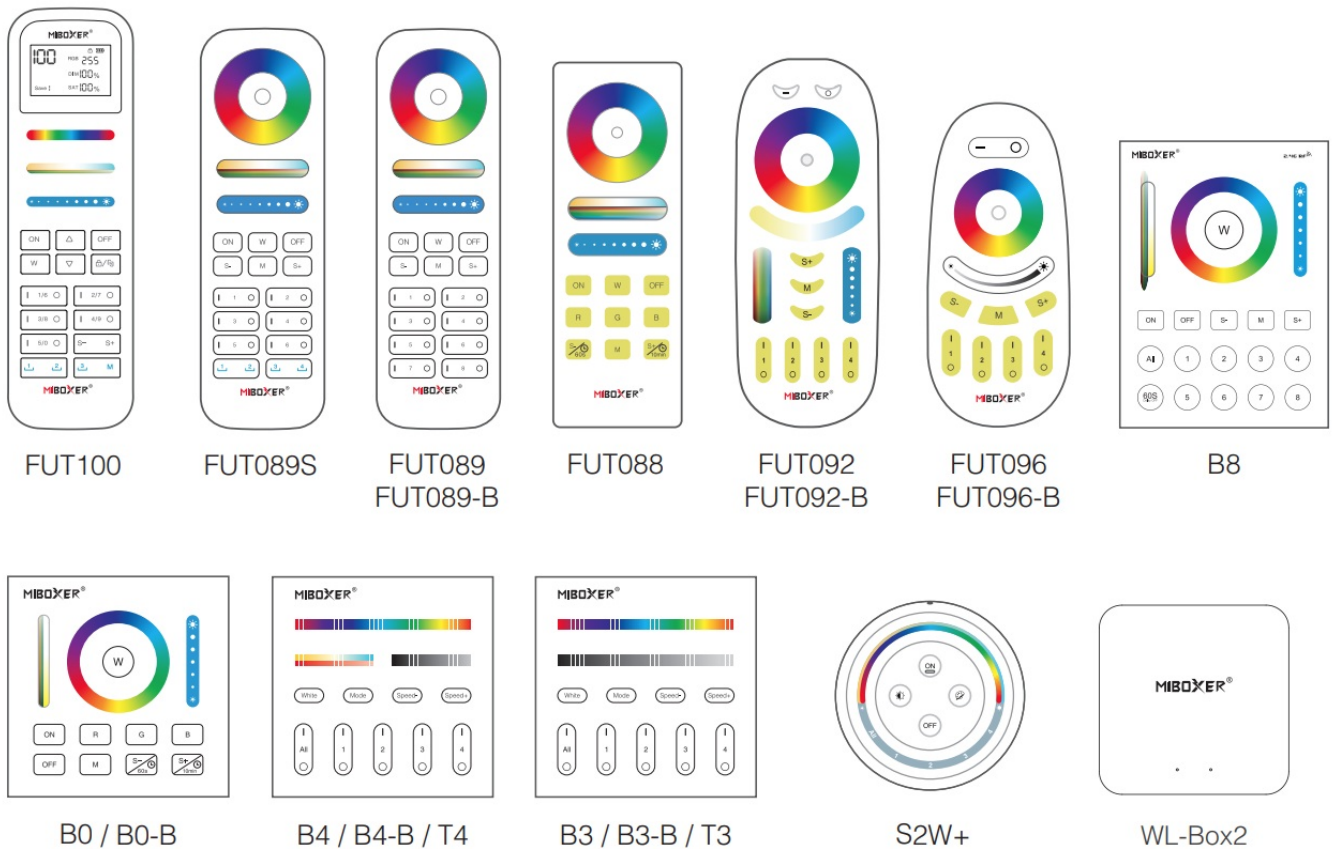
Indicator color	White Light	Yellow Light	Red Light	Green Light	Blue Light
Output	Single Color	Dual White	RGB	RGBW	RGB+CCT

### PUSH Dimming

- **Short press PUSH switch:**
  - Turn ON/OFF light
- **Long press PUSH switch:**
  - 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)**



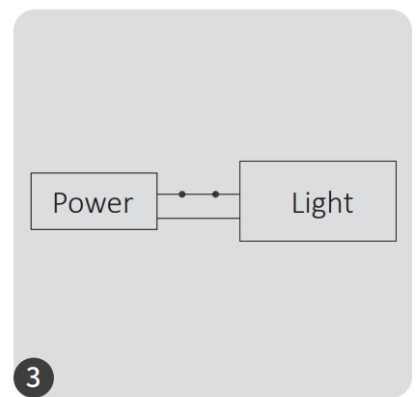
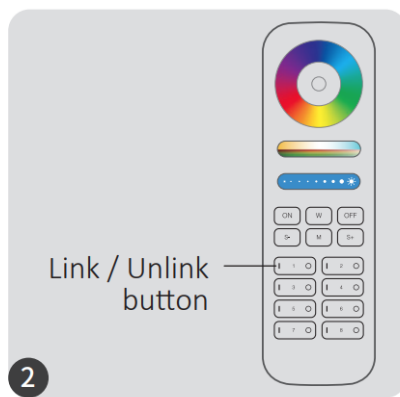
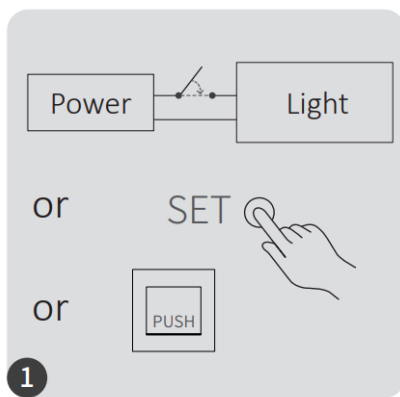
## 2.4G RF Remote control instruction


### 1. Linking Code Instructions



1. Power off for 10 seconds and power on again or short press "SET" one time or turn on the light via the PUSH switch
2. Short press " | " button 3 times within 3 seconds.
3. Lights blink 3 times slowly means linking is done successfully.
  - Linking fails if the light is not blinking slowly, Please follow the above steps again.
  - **(Note: Light that has linked can't link again)**

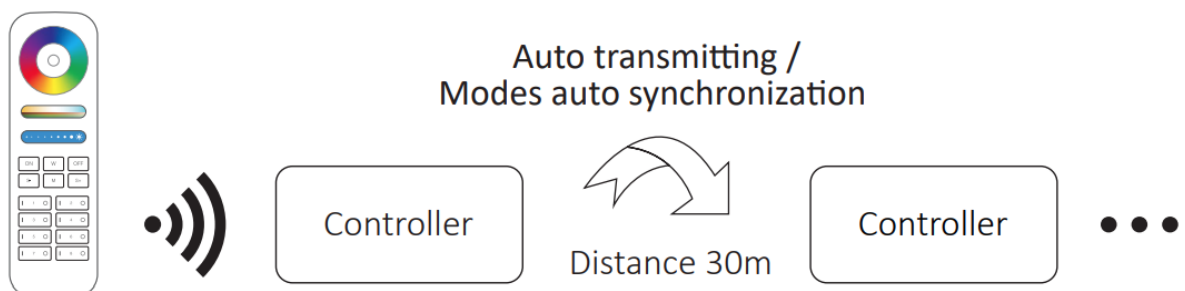
### 2. Unlinking Code Instructions



1. Power off for 10 seconds and power on again or short press “SET” one time or turn on the light via the PUSH switch
2. Short press “” button 5 times within 3 seconds.
3. Lights blink 10 times quickly means unblinking is done successfully.
  - Unlinking fails if the light is not blinking quickly, Please follow the above steps again.
  - **(Note: Light hasn't linked that doesn'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 the same dynamic mode and linked with same remote (the 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 the “S+” button 5 times quickly until the blue light flashes 3 times slowly, and static mode is activated successfully.
- **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, and 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 gradually 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	Greenlight gradual change +Flash 3 times	
8	Blue light gradual change +Flash 3 times	
9	White light gradual change +Flash 3 times	

5. **PWM high-frequency / low-frequency switching (only for remote control)**

• **Switch to high frequency:**

- Press the “OFF” button 1 time within three seconds and press the “ON” button 5 times, Activated successfully once the LED light flashes 2 times quickly.

• **Switch to low frequency:**

- Press the “ON” button 1 time within three seconds and press the “OFF” button 5 times, Activated

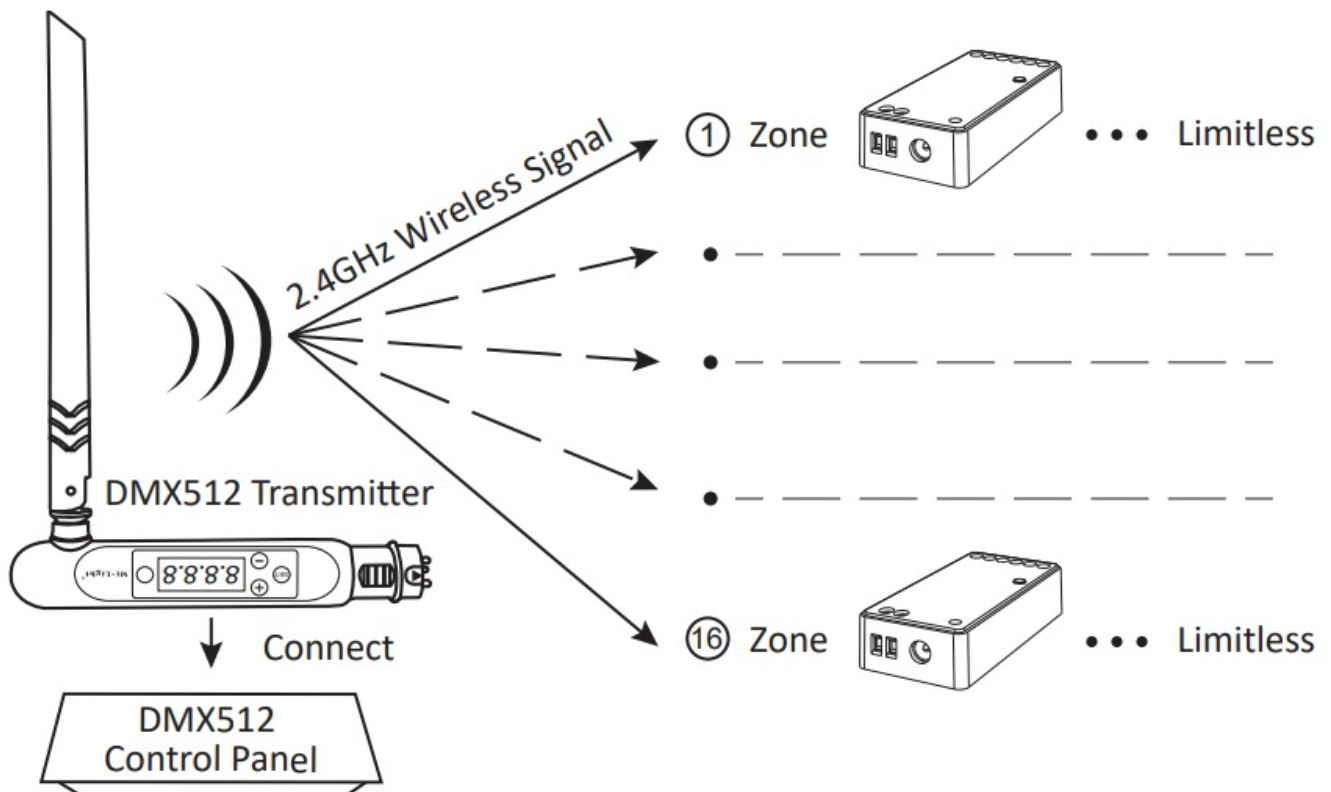
successfully once led light flashes 2 times slowly.

#### 6. “Do Not Disturb” mode is activated and shut down (default activated)

- Turn on “Do Not Disturb” mode (widely used in the areas 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 the “OFF” button three times within three seconds and press “ON” button three times, Activated successfully once the LED light flashes four times quickly.
  - **Attention:** Do not disturb mode is activated
    1. **When the light is OFF status** (For example: Use an app or remote to turn off the light)
      - The light is OFF status once you turn off the power and turn it 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 the “ON” button three times within three seconds and press “OFF” button three times, close successfully once the LED light flashes four times slowly.
      - **Attention:** The light will be always in “ON” status if you turn on and turn off the power once the user closes “Do Not Disturb” mode.

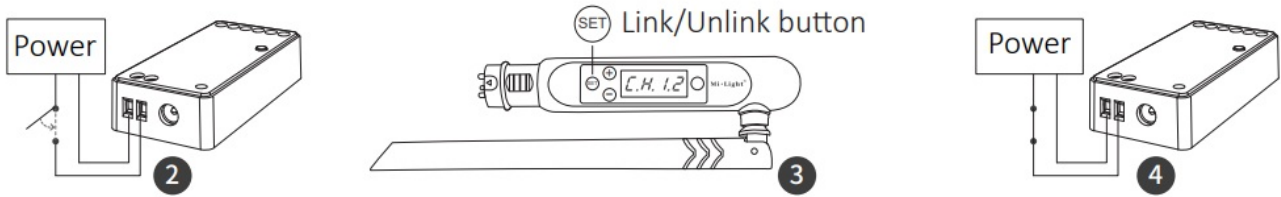
### DMX512 LED Transmitter Control

(Purchased separately) Only for RGB+CCT output mode




### DMX512 LED Transmitter Link/Unlink


1. Follow instructions of the 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 the “SET” button 1 time.
- Short press “” 3 times within 3 seconds while the indicator of the controller is ON
- The link is done once the indicator of the controller flashes 3 times slowly

## Unlink

- The controller is powered off for 10 seconds and then powered on, or press the “SET” button 1 time.
- Short press “” 5 times within 3 seconds while the indicator of the controller is ON
- Unlink is done once the indicator of the controller flashes 10 times quickly

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

## Attention

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

Scan the QR code to watch the 2.4GHz series video instruction Or enter into following link directly  
[https://miboxer.com/light/video/1pc\\_remote.html](https://miboxer.com/light/video/1pc_remote.html).





**MIBOXER®** | SEI - Light  
Substrate Mounted Transistor

**5 in 1 LED Controller (2.4GHz)**  
Instruction Manual

[illegible]

[MiBOXER PR5-12-to-48VDC-RF 5 in 1 LED Controller](#) [pdf] Instruction Manual

PR5-12-to-48VDC-RF 5 in 1 LED Controller, PR5-12-to-48VDC-RF, 5 in 1 LED Controller, LED Controller, Controller

## References

- [!\[\]\(30a147af384f9f71632c2ff17bc706c8\_img.jpg\) Remote Series Video - MiBoxer](#)
- [User Manual](#)

**Manuals+, Privacy Policy**

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.