

**MIBOXER**<sup>®</sup> | **Mi·Light**  
Subordinate New Brand

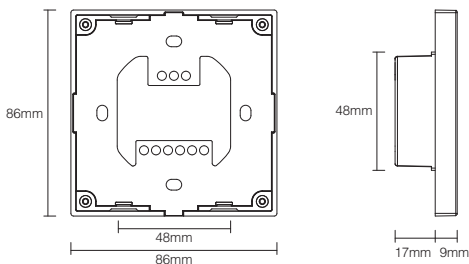
**DMX512 Master ( RGBW )**

# 1. Features

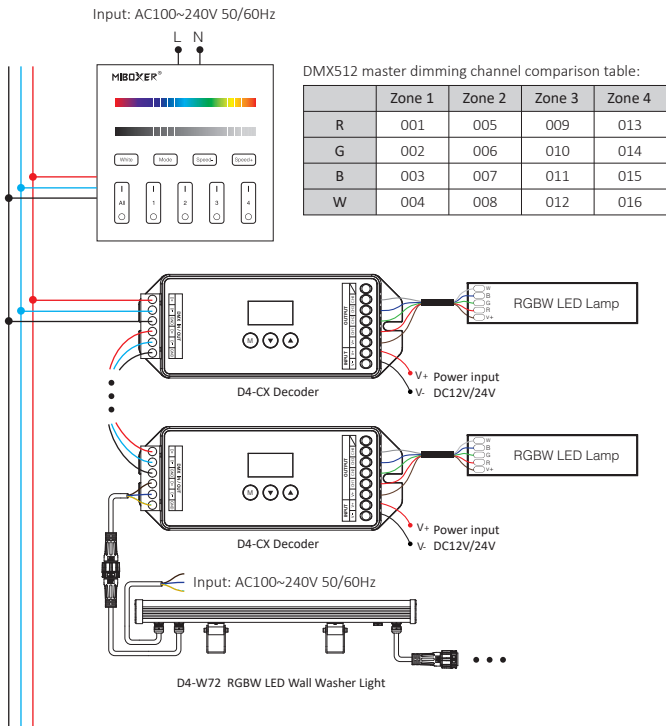
1. Accord with standard DMX512 protocol.
2. Output DMX512 signal and wireless 2.4G signal; More flexible application.
3. Support 4 channels control.
4. Support multi DMX512 master to control same decoder ( Note: need same type DMX512 master).
5. Button with sound and LED indicating lamp.
6. This products can be controlled by Mi-Light/Miboxer RF remote, and smartphone ( need WL-Box1 WiFi gateway ).
7. This product can be used as RF remote to control MiBoxer 2.4GHz lamps.

# 2. Parameters

Model No.	X4
Input Voltage	AC100~240V 50/60Hz
Output	DMX512+2.4G Wireless
Working Temperature	-20~60°C
RF Transmitting Power	6dBm
RF Control Distance	30m



### 3. Connection Diagram

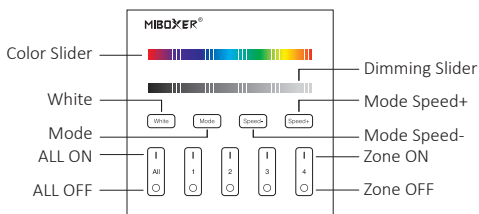


After connect with DMX decoder or DMX lamp, please set DMX decoder or DMX lamp address as below:

Zone 1 DMX decoders address	001
Zone 2 DMX decoders address	005
Zone 3 DMX decoders address	009
Zone 4 DMX decoders address	013

## 4. Function of keys

**Remark:** When touching the button, LED indicating lamp will flash once with different sound (Touch slider with no sound).



Touch color slider, choose the color you want.



Touch dimming slider to change the brightness from 1~100%.



White

Touch white button to white light mode.



Mode

Switching modes.



Speed-

Slow the speed on present dynamic mode.



Speed+

Accelerate the speed on present dynamic mode.



**ALL ON:** Touch to turn on all linked lights.

Long press 5 seconds to turn ON the indicating sound.

**Zone(1-4) ON:** Touch zone ON, turn on zone-linked lights.



**ALL OFF:** Touch to turn off all linked lights.

Long press 5 seconds to turn OFF the indicating sound.

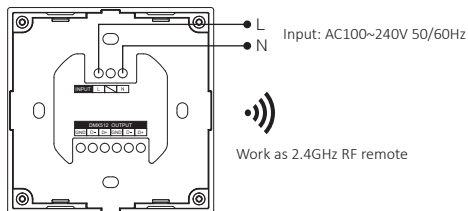
**Zone(1-4) OFF:** Touch zone OFF, turn off zone-linked lights.

## 5. Dynamic Mode Sheet

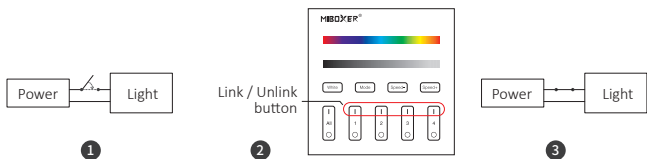
Number	Dynamic Mode	Brightness / Saturation / Speed
1	Mardi Gras	Adjustable
2	Automatic color change	
3	Sam	
4	Gemstone	
5	Twilight	
6	American	
7	Fat Tuesday	
8	Party	
9	Slow Color Splash	

## 6. DMX512 master as RF remote Instruction

When using as a remote, you have to link to Miboxer 2.4GHz series lamps, then you can control the lamps.



## 1). Linking Code Instructions



Power off and power on again after 10 seconds.

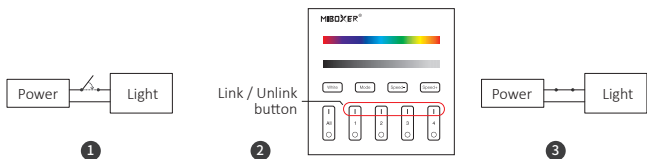
Short press " 1 " button 3 times within 3 seconds.

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 and power on again after 10 seconds.

Short press " 1 " 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)

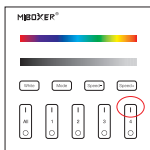
## 7. DMX512 master used as RF receiver Instruction


DMX512 master can receive RF remote signal, and transform it to DMX control signal to control the lamps.

**Note:** When RF remote control DMX512 master, RF remote need to link the master; after linking, RF remote 1-4 channel correspond to DMX512 master 1-4 channels.

### Linking Instruction:


1. Long press 4th channel “” button 5 seconds until DMX512 master indicating lamp blinking quickly.

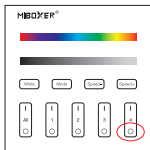


2. Short press any channel “” 3 times, when linking successfully, DMX512 master indicating lamp will blink 3 times slowly.



### Unlink Instruction:

Long press DMX512 master 4th channel “” button 5 seconds until DMX512 master indicating lamp blinking 10 times fast. that means unlinking successfully.



Compatible with these remote controls ( Purchased separately )



FUT100



FUT089S



FUT089



FUT092



FUT096

FUT089-B FUT092-B FUT096-B

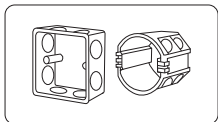


BB

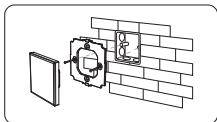


WL-Box1

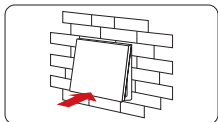
## 8. Installation / Dismantlement



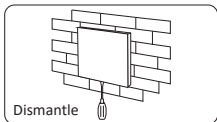
Install the bottom case into the wall; Above are the standard bottom cases.



Fix the controller base on the bottom case with screw.



Clicks into the upper side of glass panel on the controller base, then press the lower side slightly to make it clicks into the controller base.



Dismantle

Plug into the below bayonet with a screwdriver, and upward screwdriver, then you can dismantle the controller.

## 9. Attention

1. The product shall be debugged and installed by professionals. During installation, ensure that the power is cut off to avoid the electric shock by wrong operation.
2. Please check whether the input voltage meets the product voltage requirements.
3. Before switching on the power, please ensure that all wiring is correct, so as not to cause damage to the DMX512 master.
4. If there is faults, non-professional please do not repair without permission, otherwise the device may be damaged.



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