MiBOXER® | Mi·Light Subordinate New Brand

3 in 1 Panel Controller

(RGB / RGBW / RGB+CCT)

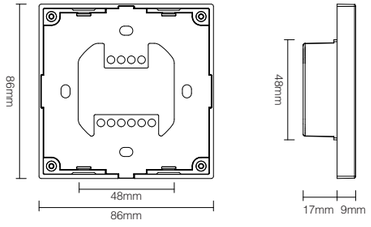
Model No.: P3

1. Features

This product is touch panel controller designed with standard 86*86mm-box structure which can be connected with constant voltage LED strip or lamp. It supports touch color adjustment, dimming, brightness dimmable, etc. You can pairt it with remote control and enjoy remote control function, It's flexible and convenient to use.

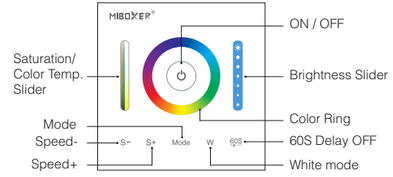
- 16 Millions of colors to choose
- Color temperature adjustable
- Dimmable / Saturation control
- 2.4G RF wireless transmission technology
- Remote control Control distance 30m
- Smartphone APP control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)
- DMX512 controllable (DMX512 LED transmitter is needed)

2. Parameters



Model No.	P3
Input/Output Voltage	DC12V~24V
Output	5A/Channel
Total Output Max	10A
RF	2.4GHz
Control Distance	30m
Working Temp.	-20~60°C
Product Weight	186g

3. Function



This controller is compatible with RGB,RGBW and RGB+CCT version. It will be RGB+CCT version when you get it first time.

Method of Switching RGB, RGBW and RGB+CCT version

1. When the light is OFF, long press **" Mode "** and **" W "** button at the same time, the controller will sound 3 times after 5 seconds, then it change to RGB version.
2. When the light is OFF, long press **" W "** and **" 60S "** button at the same time, the controller will sound 4 times after 5 seconds, then it change to RGBW version.
3. When the light is OFF, long press **" Mode "** and **" 60S "** button at the sametime, the controller will sound 5 times after 5 seconds, then it change to RGB+CCT version.

Button Function

1. Short press ON / OFF switching
2. Long press to turn on night light while light is on.
3. Short press twice to enter the learning code state (see 8, 9 for details) while light is on.

W Press **" W "**, switch to static white light mode.

60S When the light is ON, press " 60S ", the light will be off automatically after 60 seconds.

Touch color ring, choose the color you want.

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

Each modes have their own brightness value and saturation value (Static white light mode and dynamic white light gradual changing mode have no saturation) function see details for **P3 Mode table**.

Mode
1. Press **" Mode "** shortly, switch to next mode; long press **" Mode "**, switch the modes circularly, there are 12 kind modes. (PS, on the color light, press mode, it will get to first mode).
2. In the version of RGB+CCT, white gradual changing mode means CCT gradual changing under static white mode.

S-
1. Slow the speed on present dynamic mode. There is 5 class speed. Long press **" S- "**, slow the speed continuously. When it get to slowest speed, **" S- "** will be invalid. (Dynamic mode see details for **P3 Mode table**.)
2. When light is OFF, long press 5 seconds to turn OFF the indicating sound.

S+
1. Accelerate the speed on present dynamic mode. There is 5 class speed. Long press **"S+"**, accelerate the speed continuously. When it get to fastest speed, **"S+"** will be invalid. (Dynamic mode see details for **P3 Mode table**.)
2. When light is OFF, long press 5 seconds to turn ON the indicating sound.

4. PWM high frequency / low frequency switching

Switch to high frequency (8KHz): on the condition of turning on the light
1. Short press the **"OFF"** button of the **remote control** once;
2. Short press the **"ON"** button of the **remote control** 5 times within 3 seconds, the white light blink 2 times quickly, indicating successfully.

Switch to low frequency (500Hz): on the condition of turning off the light
1. Short press the **"ON"** button of the **remote control** once;
2. Short press the **"OFF"** button of the **remote control** 5 times within 3 seconds, the white light blink 2 times slowly, indicating successfully.

5. P3 Mode table 1 (default)

State	Number	Mode	Brightness / Saturation / Speed
Static Mode (Not applicable to remote control)	1	Red	Adjustable (Speed is not adjustable)
	2	Green	
	3	Blue	
Dynamic Mode	4	Mardi Gras	Adjustable
	5	Automatic color change	
	6	Sam	
	7	Gemstone	
	8	Twilight	
	9	American	
	10	Fat Tuesday	
	11	Party	
	12	Slow Color Splash	

P3 Mode table 2 (need to switch manually)

State	Number	Mode	Brightness / Saturation / Speed
Static Mode (Not applicable to remote control)	1	Red	Adjustable (Speed is not adjustable)
	2	Green	
	3	Blue	
Dynamic Mode	4	Colors gradual change	Adjustable saturation
	5	White light Gradual change	Saturation is not adjustable
	6	RGB gradual change	Adjustable
	7	Seven colors jump to change	
	8	Jump to change randomly	
	9	Red light gradual change +Flash 3 times	
	10	Green light gradual change +Flash 3 times	
	11	Blue light gradual change +Flash 3 times	
	12	White light gradual change +Flash 3 times	

6. Dynamic mode table selection (Remote control only)

Select dynamic mode table 1: press " ⏻ " **2 times continuously** when light is on, Within 3 seconds, press the **" S+ "** button of the **remote control** 5 times, the blue light blink 3 times slowly , indicating successfully.

Select dynamic mode table 2: press " ⏻ " **2 times continuously** when light is on, Within 3 seconds, press the **" S- "** button of the **remote control** 5 times, the yellow light blink 3 times slowly, indicating successfully.

7. Link/Unlink

Compatible with these remote controls (Purchase separately)

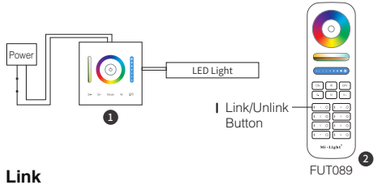
FUT089 FUT088 FUT092 FUT096 B8

B0 B3 / T3 B4 / T4 WL-Box1

⚠ Light will work after linking with remote control; for more details, pls read the remote instruction.

8. Remote control Link/Unlink

Support all remote control to do Link/Unlink (see 7 for details)



Link

Press " ⏻ " **2 times continuously** when light is on	Press the remote control within 3 seconds " **I** " key **3 times**	The light blink 3 times slowly means the linking is done successfully

Unlink

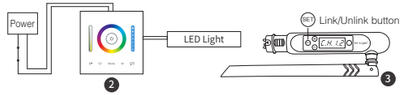
Press " ⏻ " **2 times continuously** when light is on	Press the remote control within 3 seconds " **I** " key **5 times**	The light blinking 10 times quickly means the unlinking successfully

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

9. DMX512 LED Transmitter Link/Unlink

Compatible with DMX512 LED Transmitter (Purchase separately)

❶ Choose the zone for the controller by pressing ' + ' or ' - ' (e.g. 'CH12' means zone 12)



Link

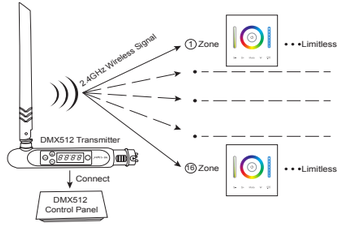
Press " ⏻ " **2 times continuously** when light is on	Short press " SET " **3 times** within 3 seconds	The light blink 3 times slowly means the linking is done successfully

Unlink

Press " ⏻ " **2 times continuously** when light is on	Short press " SET " **5 times** within 3 seconds	The light blinking 10 times quickly means the unlinking successfully

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

10. DMX512 LED Transmitter Connection Diagram



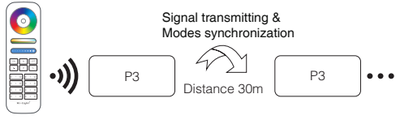
11. Signal transmitting

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

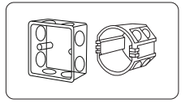
12. Modes synchronization

Different controllers can work synchronously when they are started at different times, controlled by the same remote, under same dynamic mode and within 30m distance.

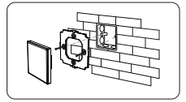
⚠ The same dynamic mode, the same speed can be synchronized.



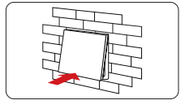
13. Installation / Dismantlement



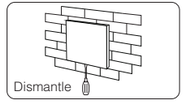
Install the bottom case into the wall; Above are the standard bottom cases.



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.



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

Attention:

1. Please check whether the voltage of the power supply is in accordance with the controller, and please check the connection of both the cathode and anode, otherwise the controller will be broken.
2. Please don't connect wires with power on. Please turn on again only when it is in right connection and no short circuit.
3. Please do not use the controller in the place with widely range metal area or strong electromagnetic wave nearby, otherwise, the remote distance will be seriously affected .

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