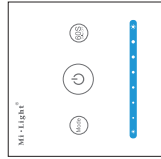


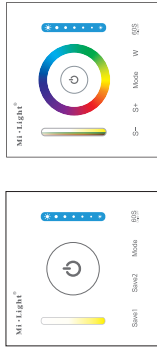
Mi·Light® User Instruction

Smart Panel Controller Model No.: P1 / P2 / P3

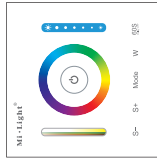
I. P Series



P1 Dimming Panel



P2 CCT Panel

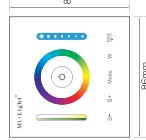


P3 RGB / RGBW / RGB+CCT Panel

II. Introduction

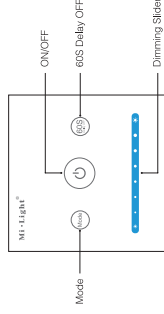
Smart Panel Controller is a newly high-end controller. The appearance is made of a pretty and fashionable glass panels. And we adopt a high precision Capacitive touch screen IC. Touch Screen is very stable. Also it has memory function (for color, speed, mode, etc.). This controller widely work on Single Color CCT, RGB, RGBW and RGB+CCT LED strip. Also work on flexible strip, Panel light, Rolling strip. Easily install and operate.

III. Technical Parameters



Working Temperature	-20~40°C
Output Voltage	DC12V/24V
Output Max	5A/CHANNEL
Total Output Max	15A
Output Connection	Common anode
Power Consumption	1000mW
Packing Size	150mm*110mm*38mm
Net weight	125g
Gross weight	177g

IV. Product Function



P1 Button Function

ON / OFF Switching. When the light is ON, Indicating lamp will no light, when the light is OFF, Indicating lamp will light.

60S When the light is ON, Press "60S", the light will be off Automatically after 60 seconds.

Mode Press Mode shortly, Switch to next mode, 9 modes switching. Long press "Mode", switch to white light mode.

Dimming Slider Touch Dimming Slider to change the brightness from 0.1~100%.



P2 Button Function

ON / OFF Switching. When the light is ON, Indicating lamp will not light, when the light is OFF, Indicating lamp will light.

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

Mode Press Mode shortly, Switch to next mode, 9 modes switching. Long press "Mode", Switch to white light mode.

Dimming Slider Touch Dimming Slider to change the brightness from 0.1~100%.

CCT Slider Touch CCT Slider, change the Color Temperature from 2700K~6500K.

Save1 Press "Save1" shortly, select Save1 mode. Long press "Save1", Save present mode to Save1.

Save2 Press "Save2" shortly, select Save2 mode. Long press "Save2", Save present mode to Save2.

V. P1 / P2 / P3 Mode sheet

Model No.	State	Number	Mode	Adjustable Saturation / CCT Function	Adjustable Brightness 0.1%-100%	Adjustable Speed	
P1 P2	Dynamic Mode	1	Gradual Change fast	X	✓	X	
		2	Gradual Change in middle speed				
		3	Gradual Change Slowly				
		4	Jump to Change Fastly				
		5	Jump to Change Middle speed				
		6	Jump to Change Slowly				
		7	Blinks fast				
		8	Blinks in middle speed				
		9	Blinks slowly				
P3	Static Mode	Color Ring		Change Saturation • Adjust CCT on RGB and RGB+CCT version • RGBW version	✓	X	
		W Button					White light mode
		1	Red light mode				
	Dynamic Mode	2	Green light mode	Change Saturation	✓	✓	
		3	Blue light mode				
		4	All colors gradual change				
		5	White light gradual change				
		6	Reddish/blue color gradual change				
		7	Seven color jump to change				
		8	Jump to change randomly				
		9	Red Gradual Change + Jump to change 3 times				
		10	Green Gradual Change + Jump to change 3 times				
11	Blue Gradual Change + Jump to change 3 times						
12	Demomation mode (Dynamic mode change circularly)	Change Saturation	✓	✓			

II. Button Function

ON / OFF Switching. When the light is ON, Indicating lamp will not light, when the light is OFF, Indicating lamp will light.

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.

Color Ring Touch Color Ring. Choose the color you want.

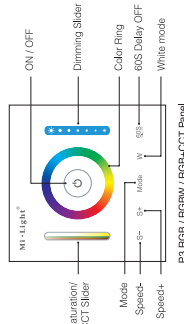
Dimming Slider Touch Dimming Slider to change the brightness from 0.1~100%.

Saturation/CCT Slider 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 sheet.

Mode Press "Mode" shortly, Switch to next mode. Long press "Mode" Switch the Model circularly, there are 12 kind modes (P3 on the color light, press Mode button). In the version of RGB+CCT, White gradual changing mode means CCT gradual changing under static white mode.

S. Slow the speed on present dynamic mode. There is 9 class speed. Long press "S", Show the speed continuously. When it get to slowest speed, S will be invalid. (Dynamic mode see details for P3 mode sheet.)

S+ Accelerate the speed on present dynamic mode. There is 9 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 sheet.)



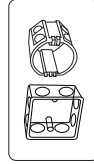
P3 Function

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

I. Method of Switching RGB, RGBW and RGB+CCT version

- 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 RGBW version.
- 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.
- When the Light is OFF, Long press "Mode" and "60S" button at the same time, the controller will sound 5 times after 5 seconds, then it change to RGB+CCT version.

VI. Installation / Dismantlement



Fix the controller base on the bottom case with screw.



Plug into the bottom bayonet with a screwdriver, and please ensure the controller base is inserted into the bottom case. Then you can dismantle the controller.

Attention:

- Please check whether the input voltage of the constant voltage power supply is consistent with the working voltage of the controller, and please check the connection of both the cathode and anode.
- The working Voltage is DC12-24V, the controller will be broken if the voltage is higher than 12-24V.
- When installation, please handle with care to avoid the broken of the glass panel.



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