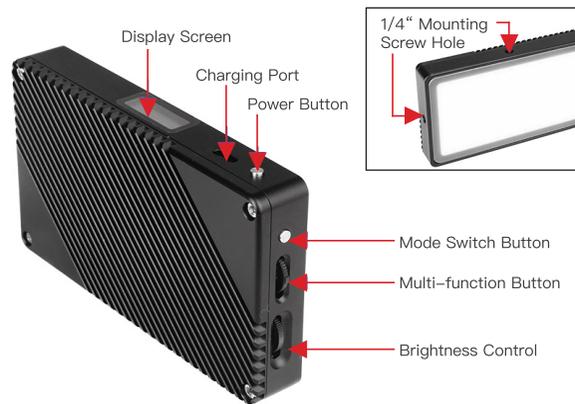


MLX-RGB User Manual

Specifications

Body Material: Aluminium Alloy	Weight: 300g
Display Screen: OLED Screen	Dimension: 128mm*74mm*20mm
Colour Rendering Index: Ra \geq 96	Built-in Battery Capacity: 3200mAh
Charging Port: Type-C	LED Quantity: 150 pcs
Max Output Power: 12W	Beam Angle: $>120^\circ$
Color Temperature Range: 2500K-8500K (± 200 K)	
Quick Charge for about 2hours,about 4 hours for normal.	
Input Voltage: 5-12V full voltage input, support QC3.0 protocol.	
Runtime: 100% brightness for about 150 minutes, 5% brightness for 24 hours	

Components



Operation Guidelines

1. Power Button

Press and hold the button to turn on or turn off the power.

2. Charging Port

Charging input voltage DC5V, Quick Charge for about 2 hours, about 4 hours for normal.



3. Mode Switch Button (3 light modes)

Press the Mode Switch Button to switch 3 light modes(CCT;HSI; SCENE)

4. Multi-function Button (CCT Mode)

When the light is in CCT mode, the multi-function key can adjust the color temperature (2500K-8500K). Press up to increase the color temperature and down to reduce the color temperature.

5. Multi-function Button (HSI Mode)

When the light is in HSI mode, the multifunction key can adjust the color and color temperature. When \blacktriangleright pointing to H, adjust the light-emitting color value (0-360°), Press up to increase the color value and down to reduce the color value. Press the multi-function key in the middle, \blacktriangleright point to S, represents adjusting color temperature (0-100). Press up to increase the color temperature and down to reduce the color temperature.

6. SCENE Mode

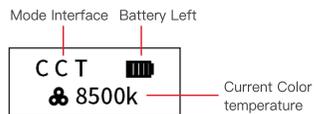
There are three modes in SCENE mode: 1.Warning Lamp mode, 2. Gradient mode, 3.Lightning mode. There are three ABC options in small mode which can be switched freely. When the light is in SCENE mode, press the multi-function key in the middle to switch the light-emitting mode: 1.Warning Lamp mode, 2. Gradient mode, 3. Lightning mode. Look at the instructions \blacktriangleright to adjust the ABC options, Press up \blacktriangleright to move forward and \blacktriangleleft down to backward.

7. Brightness Control (0%-100%)

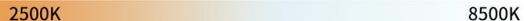
Twist the button upwards to increase brightness and downwards to decrease it.

Interface Introduction

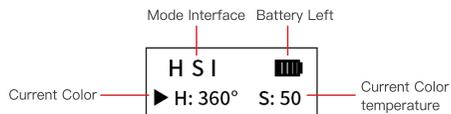
CCT Mode Interface



Current brightness: Output under discharge condition. 100% is the max output and 0% is the lowest output. Current Color Temperature: Color temperature under discharge condition. 8500K stands for cool white, and 2500K is neutral white.



HSI Mode Interface

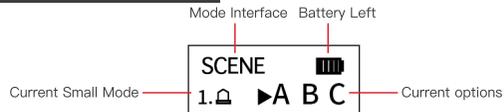


Current brightness: Discharge state, the intensity of light. 100% is the largest and 0% is the lowest. Current color temperature: the saturation of the luminous color in the discharge state. 0 is the smallest, 100 is the largest. Current color: The color of light in the discharge state. 0° minimum and 360° degree maximum.



Interface Introduction

SCENE Mode Interface

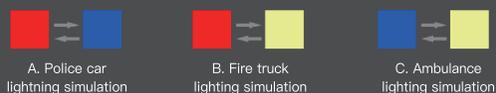


Current brightness: Under discharge condition, the intensity of light is 100% maximum and 0% minimum. Current options: Light emitting color in small mode in discharge state. Current small mode: SCENE mode light-emitting mode under state:

1. Warning lamp mode
2. Gradient mode
3. Lightning mode

1. Warning lamp mode

The warning lamp mode is to simulate the lightning of special vehicles, This product has three kinds of collocation choices.



2. Gradient mode

Gradient mode refers to the process of luminous color gradient. This product has three kinds of collocation choices.



3. Lightness mode

- A. Lightness 1 B. Lightness 2 C. Screen simulation

Maintenance

1. Please remove the USB charging cable when the battery is fully charged.
2. If you do not use the product for a long time, it might not be able to turn on instantly due to dead battery. Please charge the product and it can resume to work. Please charge the product every 3 months regularly.
3. This product has built-in rechargeable Li-ion battery, which has limited longevity, and when the performance degrades after years' use, please contact us to get the battery replaced.
4. Please do not drop and impact the product to avoid scratches on the surface.
5. The product is not water-proof.

Notes

1. Please do not disassemble or modify the product.
2. Please do not submerge the product or put it in fire.
3. Please avoid impact on the product.
4. This product might become hot during usage, which is normal. Please allow certain space for heat-sink when using it.
5. Please do not put the product in high temperature or high humidity condition.

Warranty

Moman warrants all its products with a limited 1-year free warranty service.

Please see our homepage for the term in details. <https://www.momanx.com> www.moman.co.uk

Packing



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