



## MAGICSHINE RAY 1600B, 2600B User Manual

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**MAGICSHINE RAY 1600B, 2600B**



## Product Information

The RAY 1600B/2600B is a high-performance light unit designed for outdoor activities. It comes with various accessories and features, including a handlebar mount, MJ-6508 remote control with strap, GoPro adapter, compatible straps, USB-C cable, and a 3mm hex key.

The light unit has different modes and brightness levels, including Constant mode, SOS, Slow flash, Quick flash, and Full Output Mode. It also has a light sensor button, vibration sensor button, brightness adjustment slider, and a battery indicator for easy monitoring.

The product is compatible with a mobile app that allows users to connect and customize the light settings. The app is available for both iOS and Android devices.

The RAY 1600B offers various output and runtime options, while the RAY 2600B provides even higher brightness levels and longer runtimes. The product comes with a warranty of 24 months from the date of purchase, with an additional 6-month bonus warranty available for registered users.

## Product Usage Instructions

1. To prevent inadvertent switching on, keep the light unit in lockout mode before transport or storage.
2. **Remote Control Pairing:**
  1. Remove the insulating spacer and install the battery in the remote control.
  2. Turn on the light unit.
  3. Press and hold the buttons on the remote for about 10 seconds until the indicator alternately flashes blue to enter pairing mode.
  4. Close the remote to the light unit until the indicators on both devices are constantly blue for 2 seconds, confirming successful pairing.
3. **Remote Control Operation:**
  - **ON/OFF:** Press and hold the / button for 1 second.
  - **Adjust Brightness:** Click the button.

- **Change Mode:** Double click the button.
- **Flash Mode:** Double click the button.
- **Full Output Mode (1600LM/2600LM):** Click the button to go into Full Output Mode and click the / button to return to the previous mode.

#### 4. Charging/Battery Indicator:

- When the light is off, click the power button to display the remaining battery level for 3 seconds.
- Press the / button on the remote control to display the remaining battery level of the light unit.

**Note:** For detailed app connection and settings instructions, refer to the user manual or visit the [MAGICSHINE](http://MAGICSHINE.com) website.

#### WARNING

To prevent inadvertent switching on, please keep the light unit in lockout mode before transport or storage.



#### IN THE BOX

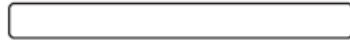
**Note:** There is only one light unit in each package.



RAY 1600B / 2600B



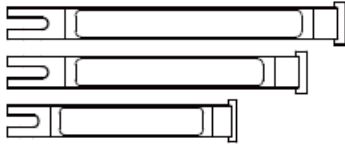
Handlebar mount



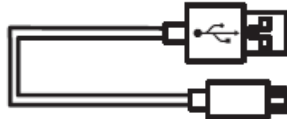
MJ-6508 remote control(incl. strap)



GoPro adapter



Compatible straps



USB-C cable



3mm hex key

## CONNECT WITH THE APP



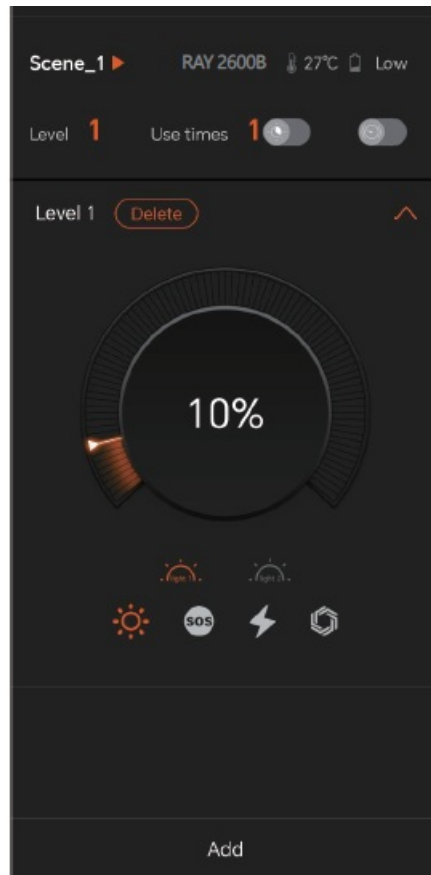
## APP CONNECTION

1. iOS users scan the QR code of the manual, and Android users go to the MAGICSHINE website "[www.magicshine.com](http://www.magicshine.com)"(SUPPORT>User Manual>App Download for Android) to download the APP using your smartphone.
2. Turn on the Bluetooth of your smartphone and open the APP, click "Add New Devices" and find "M2-B3". Click "Add", then click "Connect the device".

## APP SETTINGS:

1. Click “Add” at the bottom to enter the “Device Settings” interface.
2. Click “Mode 1” or “Mode 2”, you can customize “Constant mode,” “SOS,” “Slow flash,” and “Quick flash,” as well as their corresponding brightness.
3. Up to 20 customized modes are supported.

\*When you delete all customized modes in the APP, the light will return to the factory default mode.



Light sensor button



Constant mode



Vibration sensor button



SOS



Mode 1



Slow flash

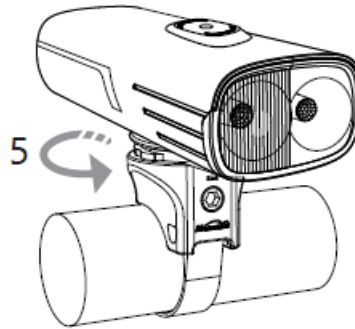
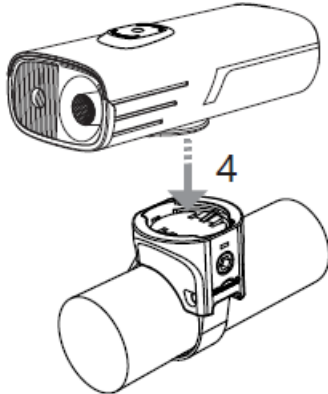
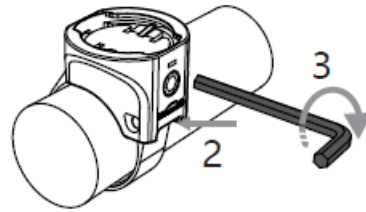
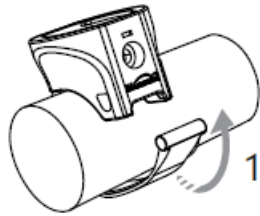


Brightness adjustment slider



Quick flash

## HOW TO INSTALL



## OPERATING INSTRUCTIONS

### REMOTE CONTROL PAIRING:

\* Before using the remote control, please remove the insulating spacer and reinstall the battery.

Turn on the light, press and hold the buttons on the remote for about 10 seconds until the indicator alternately flashes blue to enter pairing mode. Then, close the remote to the light until the indicators on the remote and light unit are constantly blue for 2 seconds, confirming a successful pairing.

### REMOTE CONTROL OPERATION:

- **ON/OFF:** Press and hold the “○”/“□” button for 1 second
- **ADJUST BRIGHTNESS:** Click the “○” button
- **CHANGE MODE:** Double click the “○” button
- **FLASH MODE:** Double click the “□” button
- **FULL OUTPUT MODE (1600LM/2600LM):** Click the “□” button to go into Full Output Mode and click the “○”/“□” button to return to the previous mode.

\* The remote control will enter sleep mode if the light is turned off for 48 hours without any operation. Click the light's button to activate it or long-press the light's button to turn it on, and the remote control can work normally.

### HEADLIGHT BUTTON INSTRUCTIONS:

- **ON/OFF:** Press and hold the button to turn the light on / off. The default output is the last mode when turned off.
- **ADJUST BRIGHTNESS:** Click the “ ” button to increase the brightness, and click the “ ” button to decrease the brightness.

- **CHANGE MODE:** Double click the button to change between floodlight mode and hybrid mode.
- **LOCKOUT:** When the light is off, press and hold the button for 3 seconds to enter lockout mode. (In lockout mode, the light will not light up and the indicator flashes red quickly)
- **UNLOCK:** In lockout mode, press and hold the button for 3 seconds to unlock the light.
- **VIBRATION SENSOR:** The light will go out automatically after 2 minutes of inaction and automatically light up on any vibrations. The light will automatically turn off if no vibration is detected within 30 minutes.(The vibration sensor is off by default, activate it through the APP.)
- **BRIGHTNESS SENSOR:** During the daytime, the light will automatically turn to LOW brightness in floodlight mode. At nighttime, the light will automatically return to the brightness that it's in when turned on. (The light sensor is off by default, activate it through the APP.)

## OUTPUT / RUNTIME

### RAY 1600B

FLOODLIGHT MODE	LOW	200LM	10h
	MEDIUM	400LM	4.5h
	HIGH	800LM	3h
HYBRID MODE	LOW	400LM	4.5h
	MEDIUM	800LM	3h
	HIGH	1600LM	1.5h
FLASH MODE	DAY FLASH	0-1600LM	12h
	NIGHT FLASH	400-1600LM	2.5h

### RAY 2600B

FLOODLIGHT MODE	LOW	300LM	14.5h
	MEDIUM	600LM	7h
	HIGH	1250LM	3.5h
HYBRID MODE	LOW	500LM	8h
	MEDIUM	1250LM	4h
	HIGH	2600LM	1.5h
FLASH MODE	DAY FLASH	0-2600LM	7h
	NIGHT FLASH	500-2600LM	3h

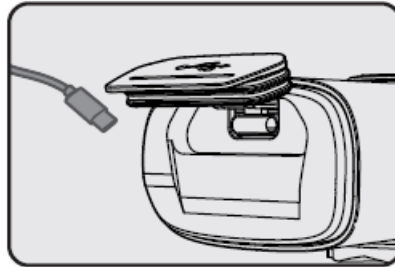
All data are measured in accordance with ANSI/NEMA FL 1-2009. The test was conducted at a temperature of 25°C and a wind speed of 25 km/h. The runtime may vary depending on external temperature and ventilation conditions, and these deviations may affect the result of testing.

## CHARGING / BATTERY INDICATOR

When the light is off, click the power button to display the remaining battery level for 3 seconds.

- RAY 1600B 3.5 hrs (5V 2A)
- RAY 2500B 3.5 hrs (5V 2A)

## BATTERY INDICATOR



- **21%-100%** Constant green
- **11%-20%** Constant red
- **0%-10%** Flashing red
- **Charging:** Flashing red
- **Fully charged:** Constant green



Press the “○”/”□” button on the remote control to display the remaining battery level of the light unit.

- **100%-21%:** Green
- **20%-11%:** Red
- **10%-1%:** Flashing red

## WARRANTY

The Magicshine lighting system is warranted for 24 months from the date of purchase.

If you register the lighting system on the Magicshine website you will receive a bonus 6 month warranty. Battery packs and AC adapters have a 6 month warranty, however, there is no bonus warranty available.

The warranty is limited to defects in material and workmanship on the lighting system itself, the battery pack and the AC adapter.

The warranty is only valid if the affected parts have not been tampered with and there is no intentional damage. Please keep your proof of purchase in a safe place. Proof of purchase must be presented in the event of any claim. Please contact the specialist retailer from whom you purchased the device for complaint or warranty claim. Alternatively, you can send your complaint or claim directly to Magicshine at

**Tel:** (+86) 755-295 536 69

**Fax:** (+86)755-275 897 77

**E-mail:** [support@magicshine.com](mailto:support@magicshine.com) (order from [Magicshine.com](http://Magicshine.com) online store)

[service@magicshine.com](mailto:service@magicshine.com)(order from other sales channels)

In the event of a justified warranty claim and delivery of a replacement device, you will only be entitled to a model



available when replacing. The manufacturer retains the right to make technical modifications.

## Customer Information

- Name:
- Tel:
- E-Mail:
- Address:
- \_ Zip:

## Product Information

- Company Name / Website of the Seller:
- Product Name:
- Date of Purchase:
- Model No.:
- Contact:
- Tel:
- E-mail:
- Address:
- \_Zip:.


Product Serial Number

### Note:


Register on Website to Gain 6 Months Extra Warranty Rights.

- Proof of purchase is required when obtaining warranty service.
- DO NOT return suspected defective parts directly to MAGICSHINE or the seller.
- Defective parts must only be sent to the seller you purchased your product from.
- Please contact them beforehand to confirm acceptance.

## Documents / Resources

 <p>MAGICSHINE RAY 1600B/2600B USER MANUAL</p>	<p><a href="#">MAGICSHINE RAY 1600B, 2600B</a> [pdf] User Manual 1600B, 2600B, RAY 1600B 2600B, RAY 1600B, RAY 2600B, RAY</p>
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## References

-  [Top 1 Bike Lights for Night Riding - Magicshine Store](#)
-  [Top 1 Bike Lights for Night Riding - Magicshine Store](#)

Manuals+.