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RAVEMEN SR1500

RAVEMEN SR1500 Smart 1500 Lumen USB-C Rechargeable Front and Rear Bike Light Kit User Manual

Model: SR1500

1. INTRODUCTION

Thank you for choosing the RAVEMEN SR1500 Smart Front and Rear Bike Light Kit. This kit provides powerful illumination and enhanced safety features for various cycling environments, including road, mountain, and city riding. Designed with advanced technology, the SR1500 offers intelligent lighting modes, convenient USB-C recharging, and robust waterproof construction to ensure a reliable and safe riding experience.

2. WHAT'S IN THE BOX

Please check the contents of your package to ensure all items are present:

- 1 x SR1500 Front Bike Light
- 1 x ABM03 Bike Mount (for front light)
- 1 x Rear Bike Light
- 1 x Charging Cable (USB-C)
- 1 x User Manual
- 1 x ABM06 Strap (for rear light)
- 1 x Inverted Mount (for front light)

LISTE DE COLISAGE

- 1 * Phare de Vélo
- 1 * Feu Arrière de Vélo
- 1 * Support à L'Envers
- 1 * Support de Sangle de Phare
- 1 * Support de Sangle de Feu Arrière
- 1 * Câble Usb C
- 1 * Manuel D'Utilisation



Figure 2.1: Contents of the RAVEMEN SR1500 package, including front light, rear light, mounts, charging cable, and user manual.

3. SETUP AND INSTALLATION

The RAVEMEN SR1500 bike lights feature quick-release strap mounts for easy, tool-free installation and removal.

3.1 Front Light Installation

Attach the SR1500 front light to your handlebar using the provided ABM03 bike mount. The mount allows for both vertical and inverted installation to suit your preference and handlebar setup.

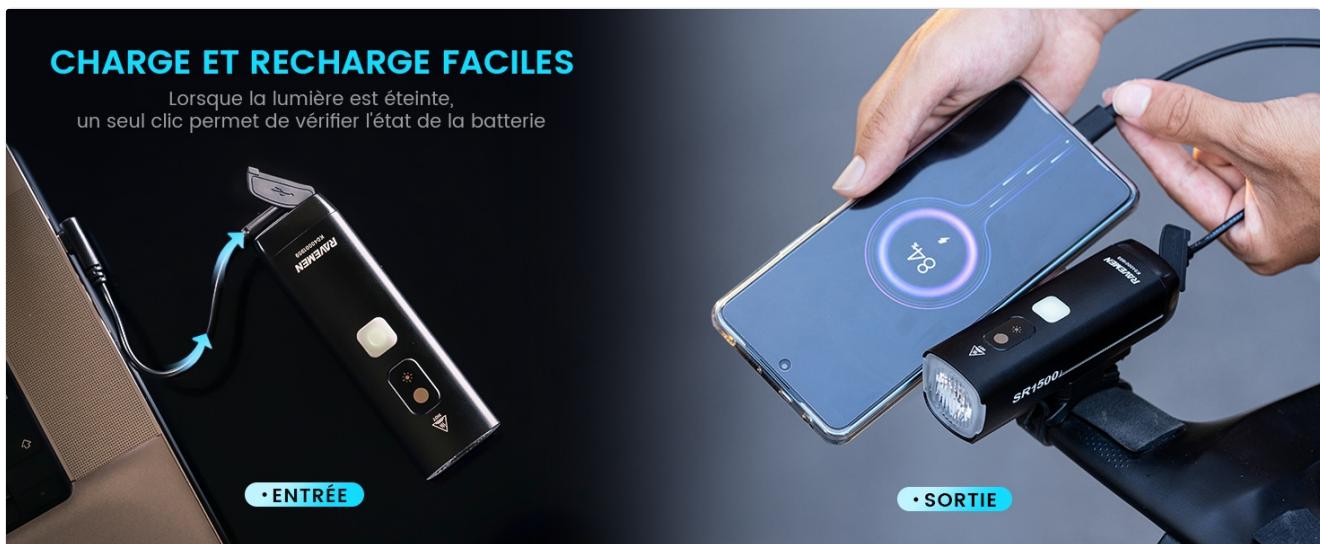


Figure 3.1: The SR1500 front light can be mounted vertically or inverted on the handlebar. An inverted mount is included for flexible positioning.

For detailed visual instructions on installation, refer to the following video demonstrating installation for a similar RAVEMEN product:

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Video 3.1: This video demonstrates the installation process for a RAVEMEN bike light (model 1800 Lumens), showcasing the quick-release mechanism and mounting options. The SR1500 uses a similar installation method.

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Video 3.2: This video illustrates the quick-release installation and removal of a RAVEMEN FR500 light, which is comparable to the SR1500's mounting system.

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Video 3.3: This video shows the installation of a RAVEMEN K700 light, demonstrating the secure attachment to the bike handlebar. The SR1500 uses a similar mounting method.

3.2 Rear Light Installation

The rear light attaches to your seat post using the ABM06 strap. Ensure it is securely fastened and visible to traffic from behind.

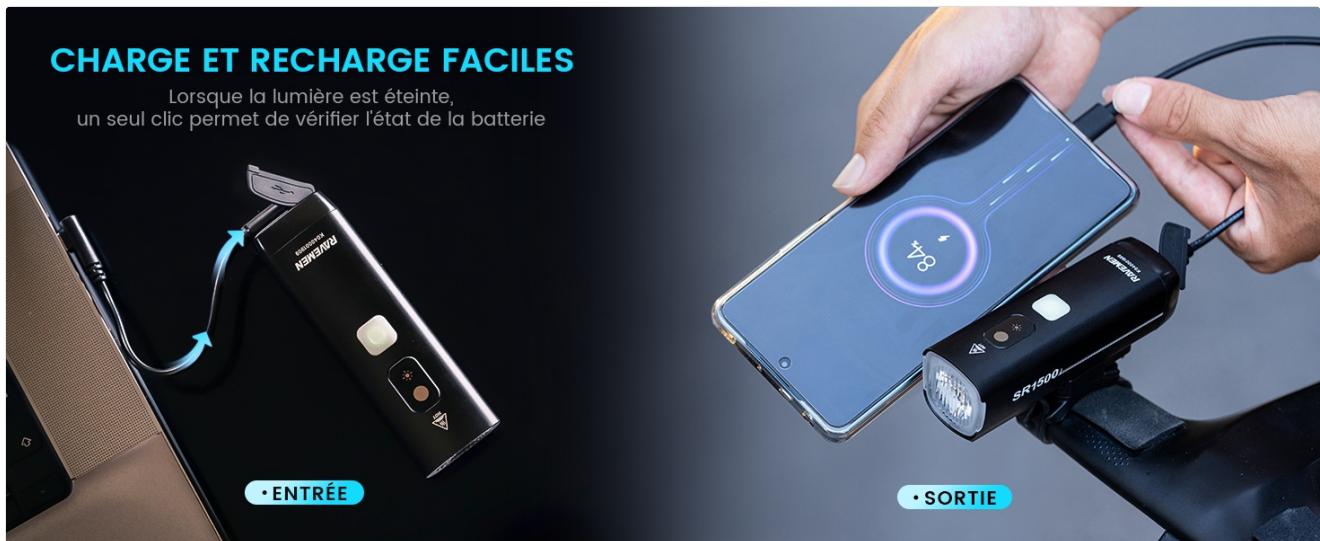


Figure 3.2: The rear light can be mounted on the seat post for optimal visibility.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Mode Selection

The SR1500 front light offers 5 brightness levels and intelligent modes, while the rear light provides 6 fixed and flashing modes. Refer to the mode table for detailed runtimes and lumen outputs.



Figure 4.1: The SR1500 offers multiple lighting options for both front and rear lights, with varying brightness levels and runtimes.

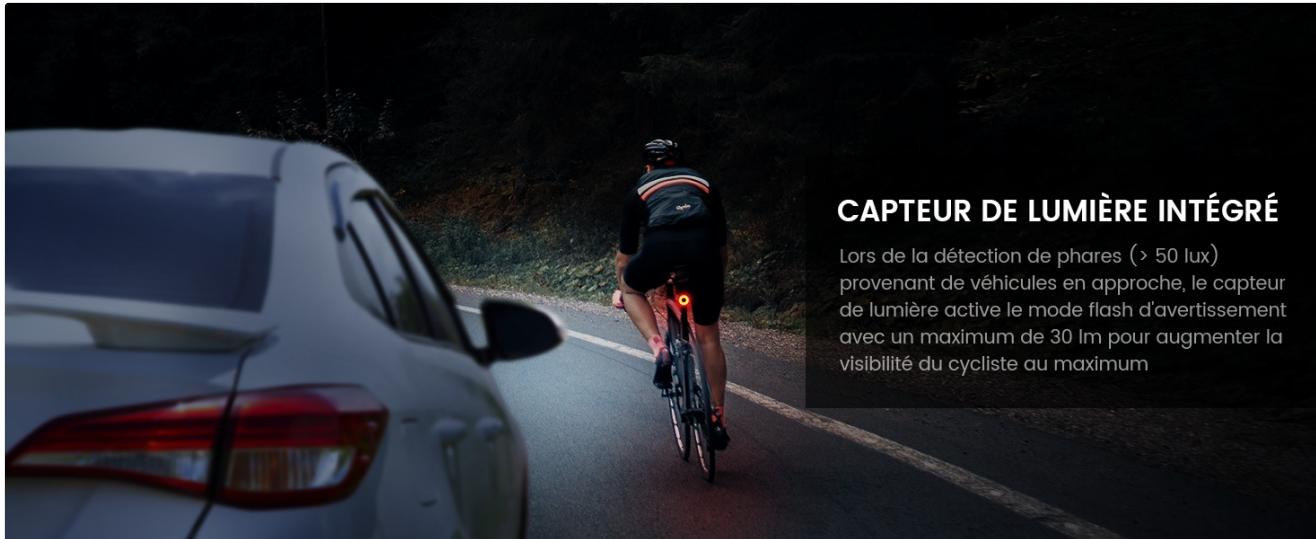


Figure 4.2: Detailed table of SR1500 front light modes, including lumen output and approximate runtimes.

For a visual demonstration of light modes, refer to this video showing a similar RAVEMEN product:

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Video 4.1: This video demonstrates various lighting modes of a RAVEMEN K700 light, which has similar functionality to the SR1500.

4.2 Smart Day Riding Mode

This mode automatically adapts to your environment. When entering a dark tunnel, the light switches to medium brightness. In brighter environments, it transitions to a slow flash mode, ensuring visibility to others.



Figure 4.3: The smart day lighting mode automatically adjusts brightness and flash patterns based on ambient light conditions.



MODE D'ÉCLAIRAGE DE JOUR INTELLIGENT

Le phare bascule automatiquement entre le niveau de clignotement pulsé (lumière ambiante intense) et le niveau de luminosité moyenne (faible lumière ambiante)

Figure 4.4: The ambient light sensor detects surrounding light to automatically switch between pulse flashing in bright conditions and medium brightness in low light.

See the smart day riding mode in action with a similar RAVEMEN product:

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Video 4.2: This video demonstrates the intelligent day riding mode of a RAVEMEN K700 light, showing automatic light adjustment in varying light conditions.

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Video 4.3: This video highlights the smart day riding mode and automatic on/off features of a RAVEMEN FR1000 light, which are also present in the SR1500.

4.3 AI Night Riding Mode

After five days of use, the AI algorithm learns your cycling habits and adjusts brightness based on your routes and timing to maximize battery life. This mode is ideal for night commutes and training.



Figure 4.5: The AI night riding algorithm optimizes battery life by learning your riding patterns and adjusting light output automatically.

Observe the AI night riding mode in this video featuring a similar RAVEMEN product:

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Video 4.3: This video demonstrates the AI night riding mode and automatic light adjustments of a RAVEMEN FR1000 light, which functions similarly to the SR1500.

4.4 Charging and Power Bank Function

The SR1500 front light features a USB-C port for convenient recharging and can also function as a power bank to charge your other devices on the go. The front light fully charges in approximately 3.2 hours, and the rear light in 1.4 hours.

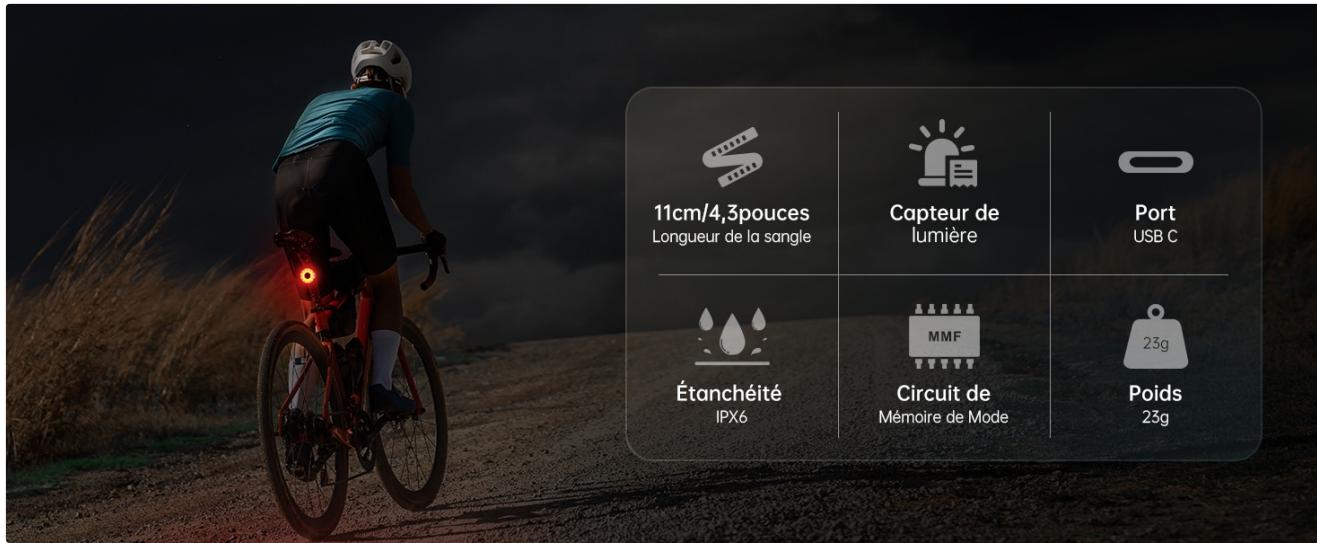


Figure 4.6: The SR1500 front light supports USB-C charging and can act as a power bank to charge external devices.

For a visual guide on charging and power bank functionality, refer to these videos:

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Video 4.4: This video demonstrates the charging and power bank features of a RAVEMEN FR1000 light, which are similar to the SR1500.

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Video 4.5: This video shows the USB-C charging capability and battery status check of a RAVEMEN FR300 light, similar to the SR1500.

5. MAINTENANCE

To ensure the longevity and optimal performance of your RAVEMEN SR1500 bike lights, follow these maintenance guidelines:

- Cleaning:** Wipe the lights with a soft, damp cloth after each ride, especially if exposed to dirt, mud, or saltwater. Avoid using harsh chemicals or abrasive materials.
- Charging Port:** Always ensure the rubber flap covering the USB-C charging port is securely closed to maintain water resistance.
- Storage:** Store the lights in a cool, dry place when not in use. For long-term storage, charge the battery to approximately 50% every 3-6 months to prevent deep discharge.
- Battery Care:** Avoid fully depleting the battery frequently. Recharge promptly when the low battery indicator appears.

5.1 Water Resistance

The front light is IPX7 waterproof, and the rear light is IPX6 waterproof. This means they are protected against rain, fog, and snow. Always ensure the charging port cover is sealed to maintain water resistance.

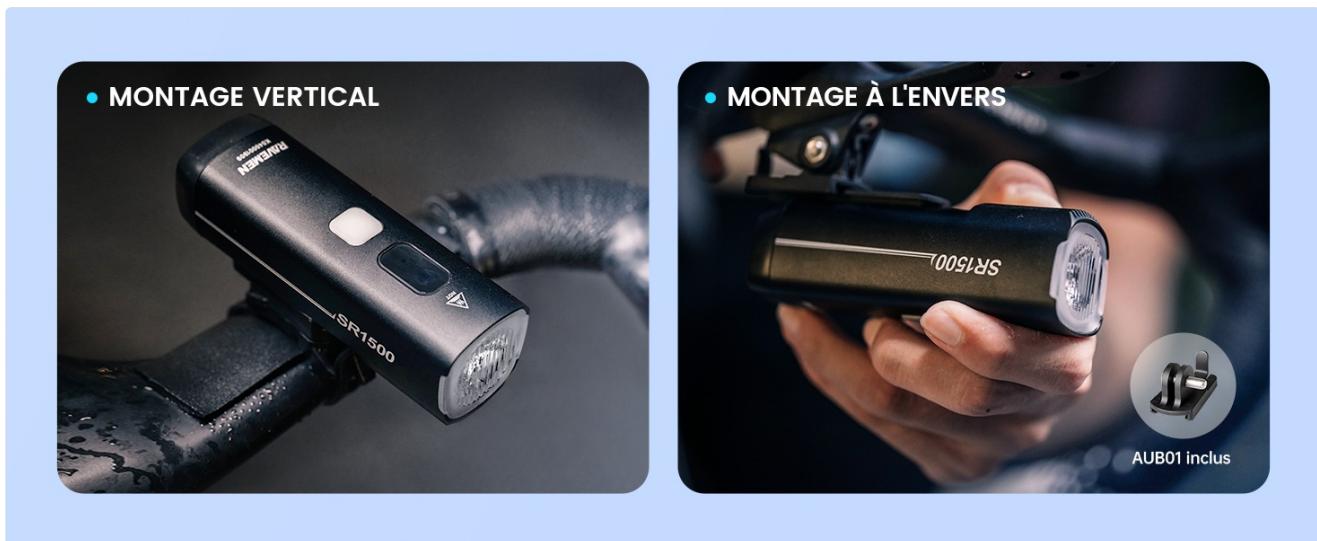


Figure 5.1: The SR1500 front light is IPX7 rated, and the rear light is IPX6 rated, ensuring reliable performance in various weather conditions.

6. SPECIFICATIONS

Feature	Specification
Brand	RAVEMEN
Model Number	SR1500
Max Luminous Flux (Front)	1500 Lumens
Number of Settings	11 (Front: 5, Rear: 6)
Power Source	Battery Powered
Charging	USB-C (Front light also functions as power bank)
Charging Time (Front)	Approx. 3.2 hours
Charging Time (Rear)	Approx. 1.4 hours
Water Resistance Level	Front: IPX7, Rear: IPX6
Material Type	Aluminum, Plastic
Mounting Type	Strap Mount
Color	Black/Red
Package Dimensions	13.9 x 8.6 x 4.7 cm
Item Weight	290 grams

7. TROUBLESHOOTING

If you encounter any issues with your RAVEMEN SR1500 bike lights, please refer to the following common troubleshooting steps:

- **Light not turning on:**

- Ensure the battery is charged. Connect the light to a power source using the USB-C cable.
- Press and hold the power button for a few seconds to ensure it's not just a short press.

- **Light not holding a charge:**

- Verify the charging cable and adapter are working correctly. Try a different cable or adapter.
- Ensure the USB-C port is clean and free of debris.

- **Smart modes not functioning as expected:**

- Ensure the light is in the correct smart mode setting (Day Riding or AI Night Riding).
- For AI Night Riding mode, allow a few rides for the light to learn your habits.
- Check for any obstructions to the ambient light sensor.

- **Water ingress:**

- Always ensure the USB-C charging port's rubber flap is fully sealed before riding in wet conditions.
- If water has entered the device, discontinue use and allow it to dry completely before attempting to use or charge again.

If these steps do not resolve your issue, please contact RAVEMEN customer support for further assistance.

8. WARRANTY AND SUPPORT

RAVEMEN products are designed for durability and performance. For warranty information and customer support, please refer to the official RAVEMEN website or contact your local distributor. Keep your purchase receipt as proof of purchase for warranty claims.

For additional support and product information, visit the [RAVEMEN Official Store](#).