

RAVEMEN TR150

RAVEMEN TR150 Bicycle Tail Light User Manual

Model: TR150



1. INTRODUCTION

Thank you for choosing the RAVEMEN TR150 Bicycle Tail Light. This manual provides essential information for the safe and effective use of your new tail light. Please read it thoroughly before operation and retain it for future reference.

2. SAFETY INFORMATION

- Always ensure the tail light is securely mounted before riding.
- Do not look directly into the light beam to avoid temporary vision impairment.
- Keep the device away from children.
- Do not disassemble or modify the light, as this may void the warranty and cause damage.
- Ensure the USB-C port cover is properly sealed to maintain IPX6 water resistance.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x RAVEMEN TR150 Bicycle Tail Light
- 1 x Base Mount
- 2 x O-rings (for mounting)
- 1 x USB-C Charging Cable (not explicitly listed but implied for USB-C rechargeable devices)

4. PRODUCT OVERVIEW

The RAVEMEN TR150 is a high-performance bicycle tail light designed for enhanced cycling safety. Key features include:

- **High Visibility:** Equipped with 4 high-brightness red LEDs, providing up to 150 lumens and visibility up to 1.5

km.

- **280° Field of View:** Ensures visibility from multiple angles, enhancing safety.
- **Brake Detection:** Automatically highlights the tail light for 3 seconds upon braking to alert drivers.
- **Automatic On/Off:** Turns off after 2 minutes of inactivity and automatically reactivates upon detecting bicycle movement.
- **6 Lighting Modes:** Offers various modes for different riding conditions.
- **USB-C Rechargeable:** Features a reversible USB-C port for convenient charging.
- **IPX6 Water Resistance:** Designed to withstand heavy rain and splashes.





Image 1: Front view of the RAVEMEN TR150 Bicycle Tail Light, showcasing its compact design and red LEDs.



Image 2: Overview of the TR150's key features including auto on/off, brake detection, 280° visibility, high visibility, 6 modes, 3 installation methods, quick release, and IPX6 waterproofing.

5. SETUP AND INSTALLATION

The TR150 offers versatile mounting options to suit various bicycle configurations and user preferences.

5.1 Mounting Options

The tail light can be installed in three ways:

1. **Saddle Rail Mount:** Attach the light directly to the saddle rails for a clean, integrated look.
2. **Round/Aero Seat Post Mount:** Use the provided O-rings and base mount to secure the light to round or aerodynamic seat posts (up to 4.5 cm diameter) and D-shaped seat posts.
3. **Backpack Mount:** Utilize the clip on the back of the light to attach it to a backpack or other gear.

SUPPORT DE SELLE ✓



TIGE DE SELLE RONDE ✓

<= TIGE DE SELLE AERO DE 4,5 CM ✓

FORMES EN D ✓



SUPPORT DE SAC À DOS ✓



Image 3: Visual representation of the three installation options: saddle mount, seat post mount (round and aero), and backpack mount.



Image 4: Demonstrates the easy mounting process by aligning the interface and rotating to secure or detach the light.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

- **To Turn On:** Press and hold the power button for approximately 1 second.
- **To Turn Off:** Press and hold the power button for approximately 1 second.

6.2 Changing Lighting Modes

The TR150 features 6 distinct lighting modes. Briefly press the power button to cycle through the modes:

- High (20 Lumens, 6 hours runtime)
- Medium (10 Lumens, 12.5 hours runtime)
- Low (5 Lumens, 18.5 hours runtime)
- Warning Flash (150 Lumens, 6.5 hours runtime)
- Rapid Flash (50 Lumens, 11 hours runtime)
- Slow Flash (50 Lumens, 11 hours runtime)

6 MODES D'ÉCLAIRAGE

Offre une flexibilité pour diverses conditions de conduite

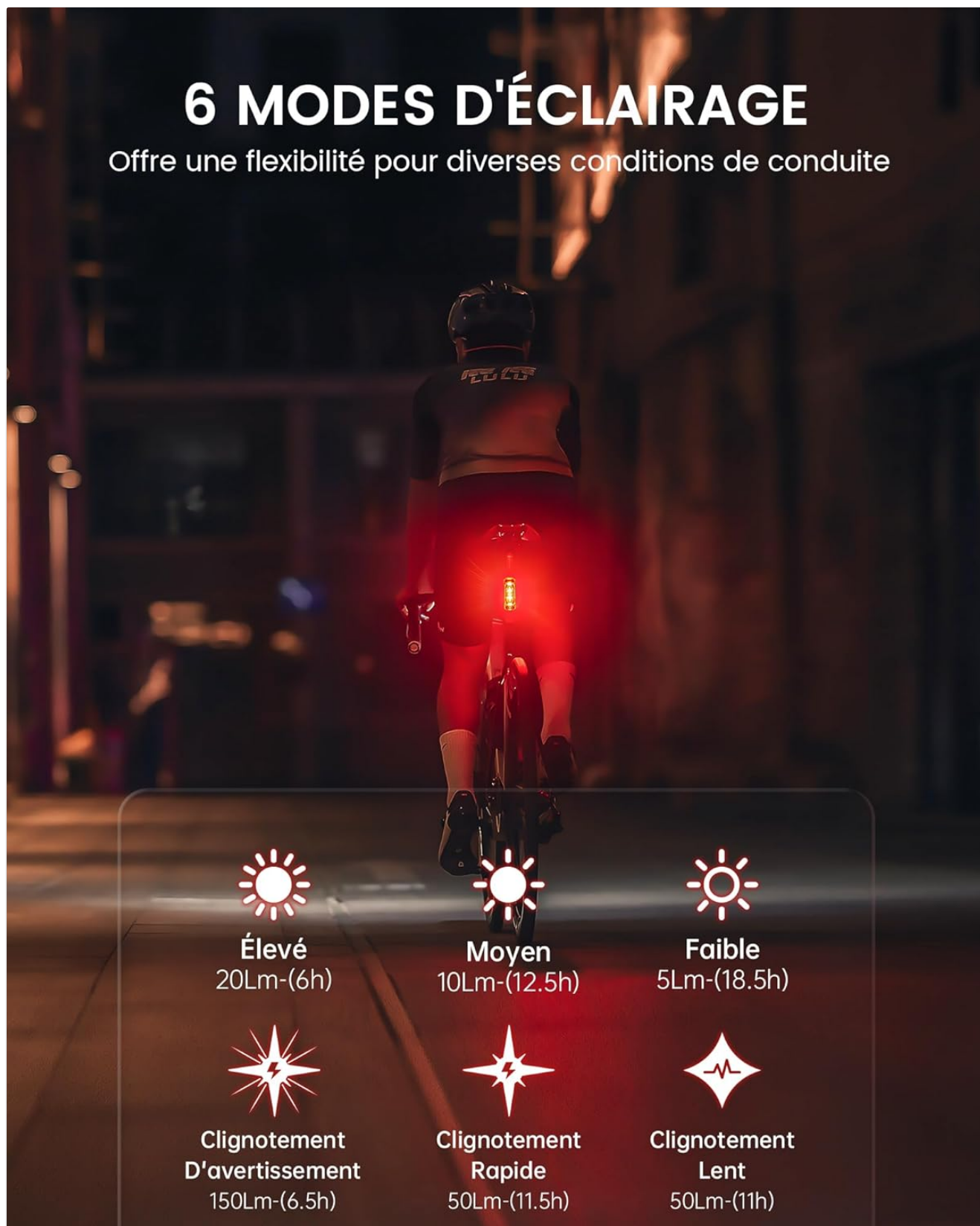


Image 5: Illustration of the 6 available lighting modes with their respective brightness levels and approximate runtimes.

6.3 Automatic On/Off Function

The tail light is equipped with an intelligent sensor:

- If the bicycle remains stationary for 2 minutes, the tail light will automatically turn off.
- Upon detecting movement or vibration, the tail light will automatically turn back on to its last used mode.

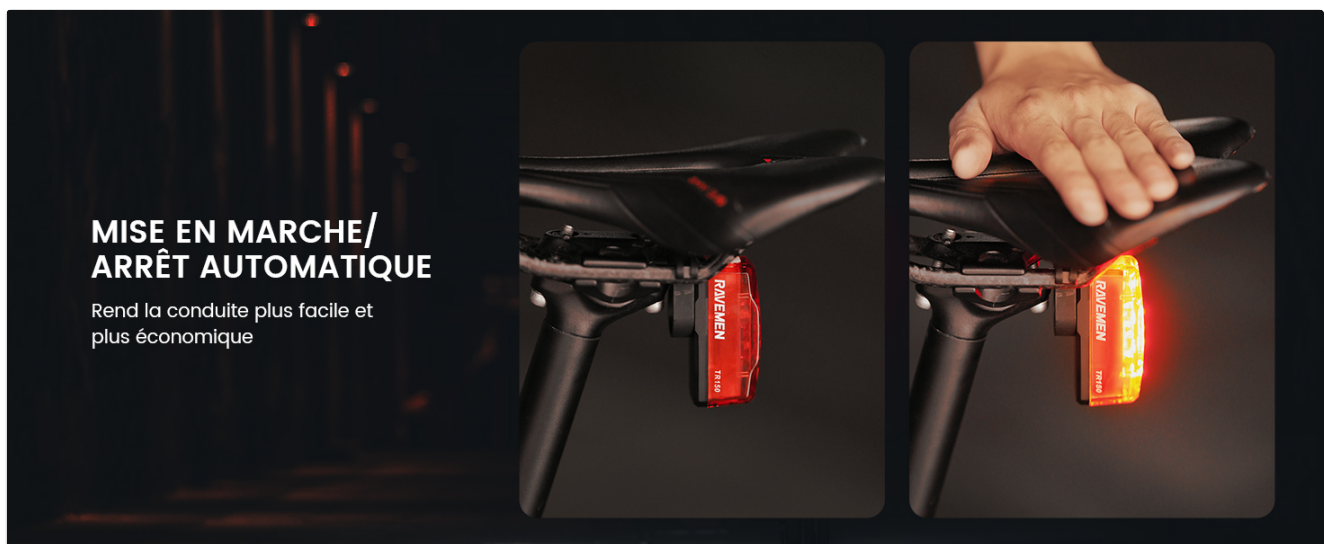


Image 6: Depicts the automatic on/off function, showing the light turning off when stationary and turning on with movement.

6.4 Brake Detection

When the brake detection function is active, the tail light will automatically increase its brightness to 100 lumens for 2 seconds upon detecting a sudden deceleration (braking). This feature significantly enhances your visibility to traffic behind you.

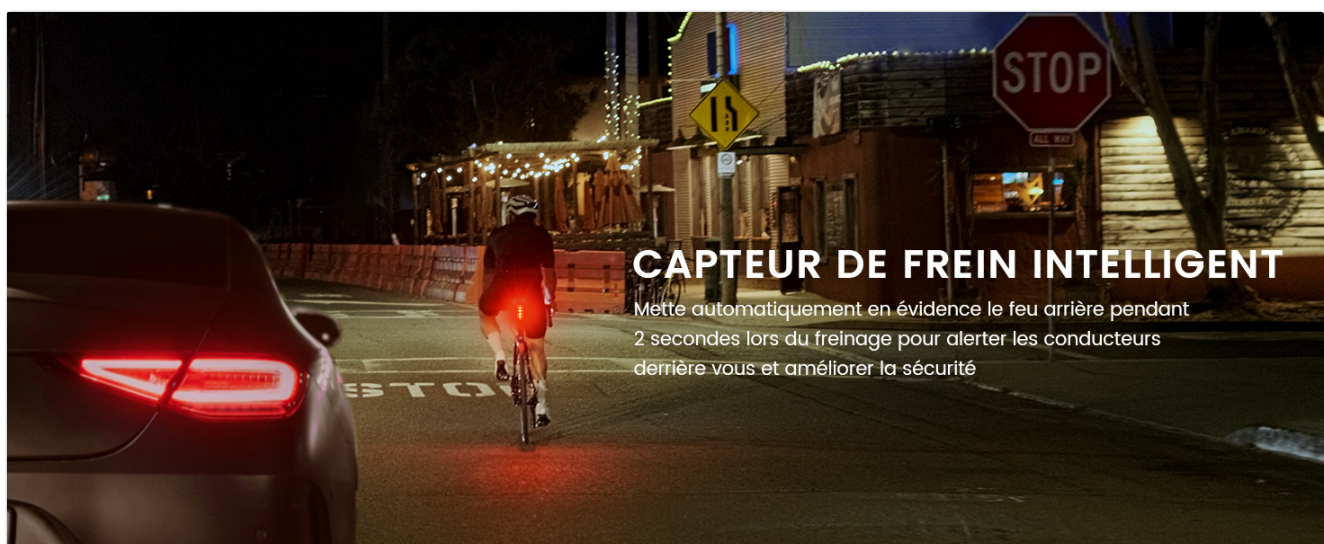


Image 7: A cyclist's tail light illuminating brightly during braking, demonstrating the intelligent brake sensor feature.

6.5 Charging the Battery

The TR150 uses a built-in Lithium-ion battery and is rechargeable via a USB-C port.

- Locate the USB-C charging port on the side of the light.
- Open the protective rubber cover.
- Connect the provided USB-C cable to the light and to a USB power source (e.g., computer, wall adapter).
- The indicator light will show charging status (typically red for charging, green for fully charged).
- Once fully charged, disconnect the cable and securely close the rubber cover to maintain water resistance.

7. MAINTENANCE

7.1 Cleaning

Wipe the light with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the casing or lens.

7.2 Battery Care

- Charge the battery regularly, even if not in use, to prolong its lifespan.
- Avoid completely draining the battery before recharging.
- Store the light in a cool, dry place when not in use.

7.3 Storage

If storing the light for an extended period, charge it to approximately 50% every 3-6 months to prevent battery degradation.

8. TROUBLESHOOTING

If you encounter issues with your RAVEMEN TR150, please refer to the following common problems and solutions:

- **Light does not turn on:**
 - Ensure the battery is charged. Connect to a USB-C charger.
 - Press and hold the power button for 1 second to turn on.
- **Light turns off unexpectedly:**
 - Check battery level; recharge if low.
 - The auto on/off function might have activated if stationary for 2 minutes. Resume cycling to reactivate.
- **Brake detection not working:**
 - Ensure the light is firmly mounted and not loose, as this can affect sensor accuracy.
 - The sensor detects significant deceleration; gentle braking might not trigger it.
- **Water ingress:**
 - Ensure the USB-C port cover is fully and securely closed.
 - While IPX6 rated, avoid prolonged submersion.

If problems persist, please contact RAVEMEN customer support.

9. SPECIFICATIONS

Feature	Specification
Model Number	TR150
Maximum Lumens	150 lm
Dimensions (L x W x H)	5.7 cm x 3.5 cm x 1.8 cm
Weight	Approximately 150 grams (package dimensions)
Material	Plastic

Power Source	Battery Powered (1 Lithium-ion, included)
Charging Port	USB-C
Water Resistance Rating	IPX6
Lighting Modes	6
Field of View	280°
Brake Detection	Yes
Automatic On/Off	Yes

10. WARRANTY AND SUPPORT


RAVEMEN products are designed for quality and durability. For warranty information, product support, or to contact customer service, please refer to the official RAVEMEN website or your purchase documentation. Please have your model number (TR150) and proof of purchase ready when contacting support.



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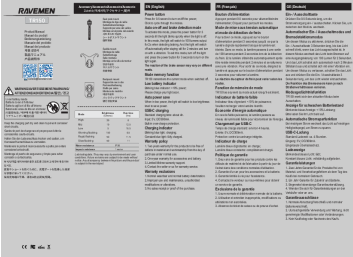
Related Documents - TR150

	<p>RAVEMEN TR500 Bicycle Rear Light User Manual</p> <p>Comprehensive user manual for the RAVEMEN TR500 rear bicycle light, covering technical specifications, performance, mounting, safety, and warranty information.</p>
	<p>Ravemen CR600 Bike Headlight User Manual - 600 Lumens, IPX6 Waterproof</p> <p>User manual for the Ravemen CR600 bicycle headlight, detailing its 600 lumens output, multiple lighting modes, IPX6 water resistance, mounting instructions, safety precautions, and warranty information.</p>
	<p>RAVEMEN K1000 Bicycle Light Quick Start Guide</p> <p>Concise guide for the RAVEMEN K1000 bicycle light, covering safety precautions, specifications, operation, and mounting instructions.</p>
	<p>Ravemen CL05 Bicycle Rear Light - User Manual, Specifications, and Operation</p> <p>Comprehensive user manual for the Ravemen CL05 bicycle rear light. Includes technical specifications, performance parameters, operating instructions, charging guide, mounting tips, safety warnings, and warranty information.</p>
	<p>Ravemen CR1000 Bicycle Headlight User Manual and Specifications</p> <p>Comprehensive user manual and technical specifications for the Ravemen CR1000 bicycle headlight. Learn about operation, mounting, safety guidelines, battery care, and warranty information.</p>



[RAVEMEN TR500 Bike Rear Light User Manual](#)
Comprehensive user manual for the RAVEMEN TR500 bicycle rear light, covering specifications, operation, mounting, safety, and warranty information.

Documents - RAVEMEN – TR150



[\[pdf\]](#) User Manual Accessories
TR150 cdr Administrator EN English Power button Auto on off and brake detection mode Mode memory function Low battery indicator power save USB C 529b710f41b823749f36d42855f2502b ravemen 20240911 |||
TR150 Product Manual Manuel du produit Bedienungsanleitung Manuale del prodotto Manual del producto service ravemen.com
WARNING/AVERTISSEMENT/WARNUNG/ ATTENZIONE/ADVERTENCIA// Li-ion battery inside Batterie Li-ion I intrieur Batteria agli ioni di litio all interno Batera de iones de litio en el...
lang:en **score:22** filesize: 692.31 K page_count: 2 document date: 2024-07-19