

Semaho WT09S-2023

Semaho Smart Bike Tail Light WT09S-2023 Instruction Manual

Model: WT09S-2023 | Brand: Semaho

1. INTRODUCTION

Thank you for choosing the Semaho Smart Bike Tail Light WT09S-2023. This intelligent rear light is designed to enhance your cycling safety with its advanced features, including a smart brake sensor, automatic on/off functionality, and multiple lighting modes. Its IP66 waterproof rating ensures reliable performance in various weather conditions. Please read this manual carefully to ensure proper installation, operation, and maintenance of your device.

2. WHAT'S INCLUDED

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

- 1 x Semaho Smart Bike Tail Light (Model WT09S-2023)
- 1 x Seat Post Mounting Bracket
- 1 x Seat Cushion Mounting Bracket
- 1 x Adjustable Silicone Strap
- 1 x USB Type-C Charging Cable

3. SETUP AND INSTALLATION

The Semaho Smart Bike Tail Light offers two primary installation methods: under the seat cushion or on the seat post. No additional tools are required for installation.

3.1. Installation Under the Seat Cushion

1. Secure the seat cushion mounting bracket to the rails under your bicycle seat using the provided silicone strap.
2. Insert the tail light into the bracket and rotate it 90 degrees until it clicks securely into place.

3.2. Installation on the Seat Post

1. Attach the seat post mounting bracket to your bicycle's seat post using the adjustable silicone strap. Ensure it is tight and stable.
2. Insert the tail light into the bracket and rotate it 90 degrees until it clicks securely into place.

Image: Installation steps for mounting the tail light under the seat or on the seat post.

4. OPERATING INSTRUCTIONS

4.1. Power On/Off and Mode Selection

- **Power On/Off:** Long press the power button for approximately 2 seconds to turn the light ON or OFF.
- **Normal Mode:** From the OFF state, a single short press of the power button will activate Normal Mode. In this mode, the light will operate continuously without smart sensing.
- **Smart Mode:** From the OFF state, a double-click of the power button will activate Smart Mode. In this mode, the light utilizes both motion and light sensors for automatic operation.
- **Cycle Modes:** Once the light is ON (in either Normal or Smart Mode), a short press of the power button will cycle through the 6 available lighting modes.

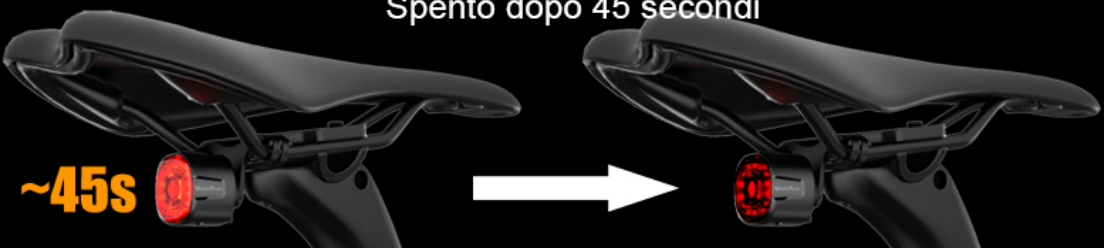
4.2. Lighting Modes

The tail light features 6 distinct lighting modes to suit various riding conditions and preferences:

1. **Steady Light:** Provides a constant, bright illumination. (Approx. 12 hours runtime)
2. **Breathing Flash:** A gentle, pulsating flash pattern. (Approx. 16 hours runtime)
3. **Slow Flash:** A slow, steady flash. (Approx. 24 hours runtime)
4. **Rhythm Flash:** A dynamic, rhythmic flash pattern. (Approx. 24 hours runtime)
5. **ECO Flash:** An energy-saving flash mode for extended battery life. (Approx. 60 hours runtime)
6. **Fast Flash:** A rapid, high-visibility flash. (Approx. 23 hours runtime)

MOTION SENSING

Sleep automatico: In luminosità debole --- Stop a cavalcare --- Fanalino posteriore Spento dopo 45 secondi



Allarme freno



Equitazione

+



Riding Deceleration

→



Luce del freno in alto per 3 secondi

Attenzione al freno: In guida --- Slow Down To Stop --- Freno
Sensazione della luce su 3 secondi

Image: Visual representation of the six available light modes and their battery life.

4.3. Smart Brake Sensor

The integrated smart brake sensor automatically detects deceleration. When braking, the tail light will illuminate brightly for 3 seconds to alert following traffic. This feature is active in all lighting modes.



Image: How the motion sensing and brake alert system functions.

4.4. Automatic On/Off (Smart Mode)

In Smart Mode, the tail light intelligently conserves battery and optimizes visibility:

- **Motion Sensor:** If no movement is detected for 45 seconds, the light will automatically turn off. It will automatically turn back on when motion is detected again.
- **Light Sensor:** The light will automatically turn off in bright ambient light (e.g., daytime) to save power. It will turn on automatically in low light conditions (e.g., night or tunnels).
- **Daytime Operation:** If you wish to use the light continuously during the day, switch to Normal Mode or select a specific mode that overrides the light sensor functionality.

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SMART BIKE TAIL LIGHT

Renderti più visibile

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Image: Automatic on/off functionality based on light and motion sensing.

5. MAINTENANCE

5.1. Charging

The tail light is equipped with a built-in rechargeable battery and a USB Type-C charging port.

- Connect the provided USB Type-C cable to the charging port on the light and to a USB power source (e.g., computer, wall adapter).
- During charging, an indicator light will typically show red.
- Once fully charged, the indicator light will turn green.
- Avoid overcharging to prolong battery life.



Image: The USB Type-C charging port and charging indicator.

5.2. Cleaning

Wipe the light with a soft, damp cloth to remove dirt and debris. Do not use harsh chemicals or abrasive cleaners, as these may damage the casing or lens. Ensure the charging port cover is securely closed to maintain its IP66 waterproof rating.

Ultra Bright ti rende più visibile

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6

Modalità di luce

12H

Luce costante

16H

Flash respiratorio

24H

Flash lento

24H

Ritmo Flash

60H

Flash ECO

23H

Flash veloce

Image: The tail light demonstrating its IP66 waterproof capability.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Low battery; Power button not pressed correctly.	Charge the light fully. Long press the power button for 2 seconds to turn on.
Light does not turn on/off automatically in Smart Mode.	Bright ambient light; No motion detected.	In bright daylight, the light may remain off due to the light sensor. To force it on, switch to Normal Mode or select a mode that overrides the light sensor. Ensure the light is mounted securely to detect motion.
Brake sensor not activating.	Light not securely mounted; Low battery.	Ensure the light is firmly attached to the bike. Charge the device fully.
Difficulty switching modes.	Incorrect button press sequence.	Long press for power ON/OFF. Double-click from OFF for Smart Mode. Short press to cycle through modes when ON.
Short battery life.	Using high-power modes; Incomplete charging.	Use ECO Flash mode for extended battery life. Ensure the light is fully charged until the indicator turns green.

7. SPECIFICATIONS

Feature	Detail
Model Number	WT09S-2023
Dimensions	12.9 x 7.2 x 3.7 cm
Weight	60 grams
Material	Plastic
Power Source	Battery Powered (USB Rechargeable)
Water Resistance Level	IP66 (Waterproof)
Mounting Type	Seat Post Mount, Seat Cushion Mount
Number of Settings	6 Lighting Modes
Brake Sensor	Yes, automatic bright light for 3 seconds upon braking
Auto On/Off	Yes, via motion and light sensors (in Smart Mode)

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact Semaho customer service through the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question