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› Cygolite Hotshot 100 Lumen Bicycle Taillight User Manual

Cygolite HS-100-USB

Cygolite Hotshot 100 Lumen Bicycle Taillight User Manual

Model: HS-100-USB

1. INTRODUCTION

The Cygolite Hotshot 100 Lumen Bicycle Taillight is designed to enhance your visibility and safety during cycling, both day and night. This compact and durable taillight features multiple operating modes, adjustable flash speeds, and a USB rechargeable battery. It is built to withstand various weather conditions with an IP64 water-resistant rating.



Image: The Cygolite Hotshot 100 Lumen Taillight provides a long-range, extra-wide beam for enhanced visibility.

2. WHAT'S IN THE BOX

- Hotshot 100 tail light
- Mini USB charging cable
- Seat post mount
- Seat stay mount

3. SETUP AND INSTALLATION

The Hotshot 100 offers versatile mounting options to secure the light to your bicycle or gear.

Mounting to a Seatpost or Seatstay

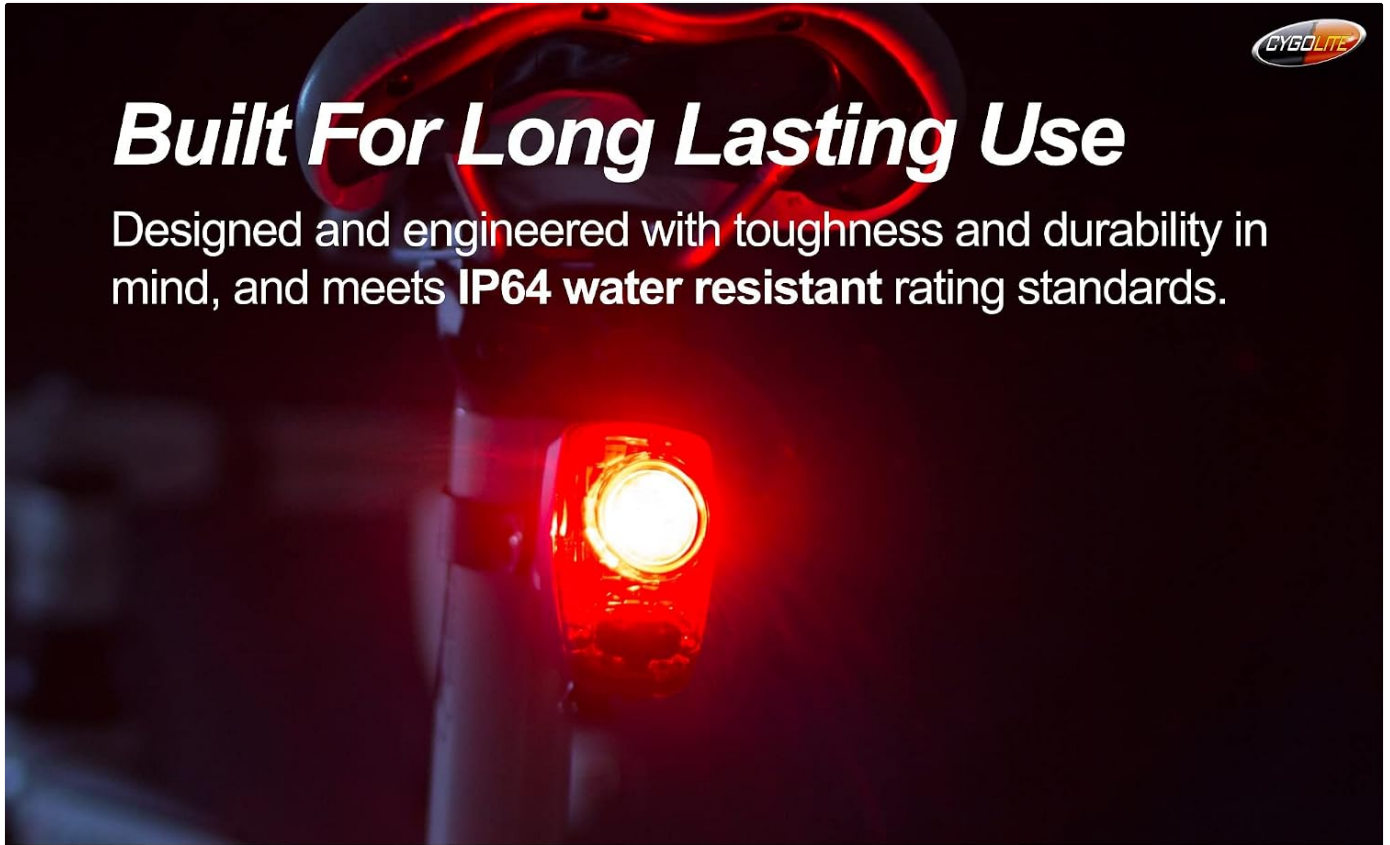
Use the provided seatpost or seatstay mounts for secure attachment to round bicycle components. These mounts fit up to 32mm diameter seatposts and 20mm diameter seatstays. The mount allows for adjustable up and down angles to

optimize light direction.



Built For Long Lasting Use

Designed and engineered with toughness and durability in mind, and meets **IP64 water resistant** rating standards.



Hard Seatpost and Seatstay Mounts Keep the Light Secured

- Fits up to 32mm diameter seatposts and 20mm diameter seatstays
- Keeps light secure in rough terrain
- Adjustable up and down angle
- Integrated clip for easy attachment

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Image: The taillight can be securely mounted to a seatpost or seatstay, or clipped onto a backpack.

Using the Integrated Clip

For additional versatility, the taillight features an integrated clip. This allows for easy attachment to saddlebags, backpacks, or clothing loops, providing flexible placement options.



Integrated Clip for easy attachment

Image: The integrated clip allows for easy attachment to various gear, such as a backpack.

4. OPERATING INSTRUCTIONS

The Hotshot 100 features two buttons for control: a Left Button for power and mode selection, and a Right Button for adjusting flash speed and brightness.

Adjustable Flash Speed and Brightness

Patent Pending

Left Button:

- Turn On / Off***
- Select Mode***

Right Button:

***Adjust Flash Speed
and Brightness***



Image: The left button controls power and mode, while the right button adjusts flash speed and brightness.

Power On/Off and Mode Selection

- To turn the light **ON** or **OFF**, press and hold the **Left Button**.
- To cycle through the different lighting modes, press the **Left Button** briefly while the light is on.

Adjusting Flash Speed and Brightness

- To adjust the flash speed or brightness within a selected mode, press the **Right Button**.
- The light offers user-tunable flash speeds and brightness levels for customization.

5. MODES AND RUN TIMES

The Hotshot 100 features 6 distinct night and daytime modes, each optimized for specific riding conditions to maximize safety and battery life.

Powerful Night and Day Modes

Steady (2:30 to 270 hr)

SteadyPulse® (4:30 to 6 hr)

Zoom (3 to 8 hr)

*(Run time in hours)

Night Modes To Be Seen

Daytime Visible Flashes

DayLightning® Flash (7 to 35 hr)

Random Flash (5:30 to 30 hr)

Triple Flash (30 to 75 hr)



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Image: Overview of Night and Day Modes with their respective run times.

Night Modes (To Be Seen)

- **Steady:** 2:30 to 270 hours
- **SteadyPulse:** 4:30 to 6 hours (alerts with pulses while maintaining a steady beam)
- **Zoom:** 3 to 8 hours

Daytime Visible Flashes

- **Daylighting:** 7 to 35 hours (powerful flashes designed for daylight visibility)
- **Random Flash:** 5:30 to 30 hours
- **Triple Flash:** 30 to 75 hours

**Run times are approximate and may vary based on brightness settings and environmental factors.*

6. CHARGING

The Cygolite Hotshot 100 is USB rechargeable. Use the provided Mini USB charging cable to recharge the internal battery.



Image: The taillight is easily recharged using a Mini USB cable connected to a power source like a laptop.

- Connect the Mini USB cable to the charging port on the taillight.
- Connect the other end of the cable to a USB power source (e.g., computer, wall adapter).
- An indicator light will show the charging status. Refer to the light's specific indicator behavior for full charge notification.

7. MAINTENANCE

- **Cleaning:** Wipe the light with a damp cloth to remove dirt and debris. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the light in a cool, dry place when not in use. For long-term storage, ensure the battery is partially charged (around 50%) to prolong its lifespan.
- **Water Resistance:** The light has an IP64 water-resistant rating, meaning it is protected from splashing water from

any direction. It is not designed for submersion. Ensure the USB port cover is securely closed to maintain water resistance.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on	Battery is depleted	Charge the light using the Mini USB cable.
Light does not charge	Faulty cable or power source; USB port cover not fully open	Try a different Mini USB cable or power source. Ensure the USB port cover is fully open for proper connection.
Light turns off unexpectedly	Low battery; prolonged use in extreme conditions	Recharge the battery. If operating in very cold conditions, battery life may be reduced.

9. SPECIFICATIONS

- **Light Output:** 100 Lumens (Maximum)
- **Model Number:** HS-100-USB
- **Power Source:** Battery Powered (USB Rechargeable)
- **Material:** Plastic
- **Color:** Black, Red
- **Item Weight:** 3.2 ounces
- **Product Dimensions:** 1.2"L x 1.5"W x 2"H
- **Water Resistance Level:** IP64 (Water Resistant)
- **Number of Settings:** 6
- **Mounting Type:** Seatpost Mount, Seat Stay Mount, Integrated Clip

10. WARRANTY AND SUPPORT

The Cygolite Hotshot 100 Lumen Bicycle Taillight comes with a One Year Limited Warranty from the date of purchase. For warranty claims or technical support, please refer to the official Cygolite website or contact their customer service directly. Keep your proof of purchase for warranty validation.

11. PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

Video: Official overview of the Cygolite Hotshot 100 Lumen Bicycle Taillight, demonstrating its features and functionality.

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