Cygolite HR-120-USB

Cygolite Hotrod 120 Lumen Bicycle Tail Light

Model: HR-120-USB

Brand: Cygolite

Introduction

The Cygolite Hotrod 120 is a powerful, USB rechargeable bicycle tail light designed to enhance your visibility during both night and day rides. Featuring an array of COB LEDs, it generates a wide and far-reaching beam, crucial for safety on busy roads. This manual provides essential information for the proper setup, operation, and maintenance of your Hotrod 120 tail light.

What's Included

Your Cygolite Hotrod 120 package includes the following components:

- Hotrod Taillight
- Flexible Seatpost Mount
- Micro USB Charging Cable (2 feet length)



Image: The Hotrod 120 tail light, flexible seatpost mount, and Micro USB charging cable.

Setup

Mounting the Tail Light

The Hotrod 120 features a sturdy, flexible mount designed for easy and secure attachment to most seatposts and seatstays, including aero styles. Ensure the light is firmly attached to prevent movement during rides.

1. Wrap the flexible silicone strap around your bicycle's seatpost or seatstay.
2. Hook the strap securely onto the designated tab on the light's body.
3. Adjust the light's angle to ensure maximum visibility to traffic behind you.



Image: The flexible mount securing the Hotrod 120 to a bicycle.

Operating Instructions

Power On/Off and Mode Selection

The Hotrod 120 is equipped with a single button for all operations.

- **To Turn On:** Press and hold the power button for approximately 1 second.
- **To Change Modes:** Briefly press the power button to cycle through the available lighting modes.
- **To Turn Off:** Press and hold the power button for approximately 1 second.

Low Battery Indicator

The light features a low battery indicator to alert you when charging is needed. Refer to the charging section for details.

Your browser does not support the video tag.

Video: Official demonstration of the Cygolite Hotrod 120 Lumen Bicycle Taillight's features and operation.

Charging

The Hotrod 120 is USB rechargeable. Use the provided Micro USB cable to charge the device.

1. Locate the Micro USB charging port on the light. It is typically covered by a rubber flap for water resistance.
2. Gently open the rubber flap.
3. Connect the Micro USB cable to the light and the other end to a USB power source (e.g., computer, wall adapter).
4. The light will indicate charging status (e.g., a specific LED color or pattern).
5. Once fully charged, disconnect the cable and securely close the rubber flap to maintain water resistance.



Image: The Hotrod 120 connected to a USB charging cable.

Light Modes and Run Times

The Hotrod 120 offers 7 distinct lighting modes for various riding conditions, optimizing visibility for both night and daytime use.

Mode	Description	Approximate Run Time
High Steady	Constant, high-intensity beam for consistent visibility.	1 hour 15 minutes
Group (Low Steady)	Lower intensity steady beam, suitable for group rides.	70 hours
Zoom	Dynamic flash pattern.	5 hours
SteadyPulse	Combines a steady beam with intermittent flashes for enhanced awareness.	5 hours 30 minutes
Bzzz Flash	Fast, buzz-like flashes designed to grab attention.	8 hours
Low Flash	Low intensity flash mode.	30 hours
DayLightning High Flash	High-intensity, lightning-like flashes optimized for broad daylight visibility.	3 hours



Image: Visual representation of light modes and run times.

Maintenance

To ensure the longevity and optimal performance of your Cygolite Hotrod 120, follow these maintenance guidelines:

- **Cleaning:** Wipe the light's body and lens with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the plastic.
- **Charging Port:** Keep the USB charging port clean and free of debris. Always ensure the rubber flap is securely closed when not charging to maintain water resistance.
- **Battery Care:** For best battery life, avoid fully discharging the light frequently. Charge the light regularly, especially if it will be stored for an extended period. Store in a cool, dry place.
- **Mount Inspection:** Periodically check the flexible mount for any signs of wear or damage. Replace if necessary to ensure secure attachment.

Troubleshooting

If you encounter issues with your Hotrod 120, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted.	Charge the light using the provided USB cable.
Light does not turn on.	Power button not pressed correctly.	Press and hold the power button for 1 second to turn on.
Light does not charge.	USB cable or power source issue.	Try a different USB cable or power adapter. Ensure the cable is fully inserted.
Light modes do not change.	Button not pressed correctly.	Briefly press the power button to cycle through modes.
Light is dim or run time is short.	Battery not fully charged or aging battery.	Ensure the light is fully charged. Battery capacity may decrease over time.

Specifications

Key technical specifications for the Cygolite Hotrod 120:

Feature	Detail
Model Number	HR-120-USB
Lumen Output	120 Lumens
Power Source	Battery Powered (USB Rechargeable)
Water Resistance Rating	IP64
Material	Plastic
Item Weight	0.17 Pounds (approx. 77 grams)
Product Dimensions (L x W x H)	9" x 5.5" x 1" (approx. 22.86cm x 13.97cm x 2.54cm)
Number of Settings	7
Mounting Type	Seat Mount
UPC	745025016024

Warranty

The Cygolite Hotrod 120 comes with a One Year Limited Warranty from the manufacturer. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty information provided with your product or contact Cygolite customer support.

Support

For further assistance, technical support, or warranty inquiries regarding your Cygolite Hotrod 120, please visit the official

Cygolite website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.

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

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