Cygolite HR-110-50

Cygolite Hotrod 110 Lumen Front Light & Hotrod 50 Tail Light USB Rechargeable Bike Light Combo Set Instruction Manual

Brand: Cygolite | **Model:** HR-110-50

Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your Cygolite Hotrod 110 Lumen Front Light and Hotrod 50 Tail Light Combo Set. Engineered for visibility day and night, this slim light set features powerful illumination and flexible mounting options for enhanced cycling safety.



Image: The Cygolite Hotrod 110 Lumen Front Light (white) and Hotrod 50 Tail Light (red) side-by-side, showcasing their compact design.

Key Features

- **Powerful Illumination:** 110 Lumen front light and 50 Lumen tail light for optimal visibility.
- **USB Rechargeable:** Convenient internal Li-ion battery for easy recharging.
- **Extended Run Time:** Up to 100 hours depending on the selected mode.
- **Multiple Lighting Modes:** Six distinct modes for each light, including Night and Day modes for enhanced safety.
- **Steady Pulse Technology:** Alerts with pulses while maintaining a steady beam.
- **Day Lightning:** Powerful flashes designed to highlight your presence during daytime.
- **Water Resistant:** Designed to withstand various weather conditions.
- **Compact and Lightweight:** Each light weighs only 29 grams.
- **Low Battery Indicator:** Alerts when a charge is needed.

Setup and Installation

The Cygolite Hotrod lights feature a versatile and flexible mounting system, designed to fit most standard and aero-style bicycle components.

Mounting the Lights

Each light comes with a durable rubber strap that allows for easy and secure attachment to various parts of your bicycle, such as handlebars, seatposts, or racks. The strap has multiple holes to accommodate different diameters, ensuring a snug fit.



Image: A Cygolite Hotrod light demonstrating its flexible rubber mount, suitable for various bike styles.

Front Light Installation

For optimal visibility, attach the white front light to your handlebar. Ensure the light is positioned to illuminate the path ahead and make you visible to oncoming traffic. The button should be easily accessible for mode changes.



Image: The white Cygolite Hotrod front light securely mounted on a bicycle handlebar.

Tail Light Installation

Attach the red tail light to your seatpost or rear rack. Position it to maximize visibility from behind, ensuring it is not obstructed by saddlebags or other equipment.



Image: The red Cygolite Hotrod tail light mounted on a bicycle seatpost, providing rear visibility.

Operating Instructions

Power On/Off

To turn the light on, press and hold the power button located on the side of the unit. To turn it off, press and hold the button again.

Changing Modes

Once the light is on, quickly press the power button to cycle through the six available lighting modes. The light will remember the last mode used when turned off and will resume that mode upon the next power-on.



Image: A Cygolite Hotrod light illustrating its six powerful lighting modes, including High Steady, Low Steady, Low Flash, DayLightning, Zoom, and SteadyPulse.

Available Modes:

- **High Steady:** Constant, bright illumination.
- **Low Steady:** Constant, lower illumination for extended run time.
- **Low Flash:** Long-lasting subtle flash.
- **DayLightning:** Powerful, lightning-like flashes designed for daytime visibility.
- **Zoom:** Changes in brightness with a zooming action.
- **SteadyPulse:** Steady beam helps motorists gauge their distance while overlapping flashes keep them alert.

Maintenance

Charging the Battery

The Cygolite Hotrod lights are equipped with an internal Li-ion battery and are USB rechargeable. A low battery indicator will alert you when a charge is needed. To charge, simply plug the light into any standard USB port using the provided cable.



Image: A Cygolite Hotrod light connected to a laptop via USB for recharging.

Cleaning

To maintain optimal performance and clarity, wipe the lights with a damp cloth as needed. Avoid using harsh chemicals or abrasive materials that could damage the lens or casing.



Image: A Cygolite Hotrod light covered in water droplets, highlighting its water-resistant design.

Troubleshooting

Light Not Turning On or Dim

If your light is not turning on or appears dim, it likely requires recharging. The low battery indicator is designed to signal when power is low. Connect the light to a USB power source and allow it to fully charge.

Mount Not Secure

Ensure the flexible rubber strap is properly secured through both hooks on the light and wrapped tightly around the bicycle component. Adjust the strap to a tighter hole if necessary to prevent movement during rides.

Specifications

Attribute	Detail
Brand	Cygolite
Model Number	HR-110-50
Color	Versatite
Material	Plastic
Power Source	Battery Powered (2 Lithium Polymer batteries included)
Water Resistance Level	Waterproof (IPX6)
Item Weight	0.01 Ounces (each light)
Product Dimensions	3"L x 0.5"W x 0.75"H
Mounting Type	Handlebar Mount (flexible strap)
Number of Settings	6 (per light)
Brightness	Front: 110 Lumen, Tail: 50 Lumen
Country of Origin	USA
UPC	745025065237

Warranty and Support

Specific warranty details and direct support contact information are not provided in the available product data. Please refer to the official Cygolite website or your retailer for comprehensive warranty information and customer support options.

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