

Cygolite DSH-520-MC

Cygolite Dash 520 Lumen Bicycle Light User Manual

INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Cygolite Dash 520 Lumen Bicycle Light system. This system includes a powerful 520 lumen headlight and a highly visible 30 lumen taillight, designed to enhance your safety during both day and night cycling.

PRODUCT FEATURES

- **Powerful Illumination:** 520 lumen headlight for clear visibility and a 30 lumen taillight for rear awareness.
- **Versatile Lighting Modes:** 8 distinct headlight modes and 5 taillight modes, including specialized safety modes.
- **SteadyPulse® Technology:** Maintains a steady beam for distance perception while emitting overlapping pulses to alert motorists.
- **Daylighting Flash® Technology:** Emits powerful, lightning-like flashes to ensure visibility in broad daylight.
- **Durable and Water Resistant:** Constructed with a robust, water-resistant body (IP64 rated) to withstand cycling conditions.
- **USB Rechargeable:** Convenient USB charging with a low battery indicator.
- **Flexible Mounting:** Sturdy and flexible mounts for easy installation on various bicycle types.

WHAT'S IN THE BOX

- Cygolite Dash 520 Lumen Headlight
- Cygolite Hotshot 30 Lumen Taillight
- Mounting Straps
- USB Charging Cables

SETUP INSTRUCTIONS

Mounting the Headlight

Attach the headlight to your bicycle's handlebar using the provided flexible mounting strap. Ensure the light is

securely fastened and positioned to illuminate the path ahead without obstructing your view or controls.



Image: The Cygolite Dash headlight securely mounted on a bicycle handlebar, demonstrating its powerful main LED for nighttime visibility.

Mounting the Taillight

Secure the taillight to your bicycle's seatpost or rear rack using its flexible mounting strap. Position it to be clearly visible to traffic approaching from the rear.



30
LUMENS

Image: The Cygolite Hotshot taillight, highlighting its 30 lumen output for rear visibility.

Charging the Battery

Connect the light to a USB power source using the provided USB cable. The low battery indicator will show charging status. A full charge typically takes approximately 3-4 hours. Ensure the light is fully charged before its first use.

OPERATING INSTRUCTIONS

Headlight Operation

To power on the headlight, press and hold the power button for 1-2 seconds. To cycle through the different modes, press the power button briefly. To power off, press and hold the power button again.

Headlight Modes:

- **Boost:** Maximum brightness for challenging conditions.
- **High:** Strong illumination for general night riding.

- **Medium:** Balanced brightness for varied night conditions.
- **Low:** Extended runtime for less demanding situations.
- **SteadyPulse®:** Steady beam with overlapping pulses for enhanced safety.
- **Daylighting Flash®:** High-intensity flashes for daytime visibility.
- **Triple Flash:** A distinct flashing pattern.
- **Zoom:** A focused beam mode.
- **Walking Mode:** Low-level light for off-bike use.

8 Powerful Lighting Modes

① **Boost**

② **High**

③ **Medium**

④ **Low**

⑤ **SteadyPulse®**

Attention grabbing triple pulses alerts motorists while the overlapping steady beam constantly lights your way at night

⑥ **Quad LED Flashing**

⑦ **Quad LED Steady**

⑧ **DayLightning®**

Powerful lightning-like flashes highlights your presence in broad daylight



**Designed, Engineered,
Assembled in the USA**

Image: Visual representation of the 8 powerful lighting modes available on the Cygolite Dash headlight.

Taillight Operation

To power on the taillight, press and hold the power button for 1-2 seconds. To cycle through the different modes, press the power button briefly. To power off, press and hold the power button again.

Taillight Modes:

- **High Steady:** Constant bright light for maximum visibility.

- **Group Low:** Lower intensity steady light, suitable for group rides.
- **Zoom:** A dynamic flashing pattern.
- **SteadyPulse®:** Steady beam with overlapping pulses for enhanced safety.
- **Daylighting Flash®:** High-intensity flashes for daytime visibility.

Video: Demonstration of the Cygolite Dash 520 Lumens Bicycle Headlight, showcasing its various lighting modes and beam patterns.

MAINTENANCE

- **Cleaning:** Wipe the light's exterior with a damp cloth. Avoid using harsh chemicals or abrasive materials.
- **Battery Care:** For optimal battery life, charge the light regularly, especially after long periods of disuse. Avoid fully depleting the battery frequently.
- **Storage:** Store the light in a cool, dry place when not in use.
- **Water Resistance:** The light is IP64 water-resistant, meaning it is protected from splashing water from any direction. It is not designed for submersion.

TROUBLESHOOTING

- **Light Not Turning On:** Ensure the battery is charged. Connect to a USB power source and check the charging indicator.
- **Dim Light Output:** The battery may be low. Recharge the light.
- **Light Not Charging:** Check the USB cable and power source. Try a different cable or USB port.
- **Mount Not Secure:** Re-tighten the mounting strap. Ensure it is correctly positioned on the handlebar or seatpost.

SPECIFICATIONS

Feature	Detail
Model Number	DSH-520-MC
Headlight Output	520 Lumens (Maximum)
Taillight Output	30 Lumens
Water Resistance	IP64
Power Source	Battery Powered (USB Rechargeable)
Item Weight	105 Grams
Product Dimensions	9"L x 6"W x 3"H
Mounting Type	Handlebar Mount
Material	Plastic

WARRANTY INFORMATION

The Cygolite Dash 520 Lumen Bicycle Light is covered by a One Year Limited Warranty from the date of purchase.

This warranty covers manufacturing defects and workmanship. Please retain your proof of purchase for warranty claims.

SUPPORT

For further assistance, technical support, or warranty inquiries, please visit the official Cygolite website or contact their customer service department. You can also find more information and products at the [Cygolite Brand Store on Amazon](#).

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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