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> KNOG Blinder Front Bike Light (Grid) - 200 Lumen Rechargeable Bicycle Light User Manual

KNOG Blinder Front Grid

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INTRODUCTION

The Knog Blinder Front Bike Light (Grid model) is designed to enhance your visibility and safety during cycling. This powerful 200-lumen front light utilizes Chip On Board (COB) technology to deliver a bright, punchy beam visible from up to 450 meters away. Its integrated USB-A connector allows for convenient cable-free recharging. The light features 8 distinct light modes and an IP67 waterproof rating, ensuring reliable performance in various conditions. This manual provides instructions for setup, operation, charging, and maintenance of your Blinder Front Bike Light.



Image: The Knog Blinder Front Bike Light with its distinctive Grid pattern illuminated.

WHAT'S IN THE BOX

Your Knog Blinder Front Bike Light package includes the following components:

- Light Head
- Clasp
- 1 x Small Silicone Strap
- 1 x Medium Silicone Strap
- 1 x Large Silicone Strap

SPECIFICATIONS

Brand	KNOG
Model Name	Blinder Front Grid
Brightness	200 Lumens

Visibility Distance	Up to 450 meters
Light Modes	8
Power Source	Battery Powered (Rechargeable via Integrated USB-A)
Max Runtime (Eco-Flash)	Up to 60 hours
Water Resistance Rating	IP67
Mounting Type	Silicone Straps (fits 22-32mm diameter handlebars/seat posts, up to 200mm circumference head tubes)
Item Weight	1.6 ounces
Color	Black

SETUP AND MOUNTING

The Blinder Front Bike Light comes with silicone straps designed for easy and secure mounting on various bike components. Choose the appropriate strap size for your bike.

- The **small strap** is suitable for handlebars and seat posts with diameters between 22mm and 32mm.
 - The **large strap** is designed for tubes and head tube profiles with a circumference of up to 200mm.
1. Select the correct silicone strap for your bike's handlebar or head tube.
 2. Position the light head on your desired mounting location (e.g., handlebar).
 3. Wrap the silicone strap around the handlebar or head tube.
 4. Securely fasten the clasp into the corresponding slot on the light, ensuring it is locked in place.
 5. Adjust the light's angle to ensure optimal visibility and beam direction.



Image: Side view of the Knog Blinder light showing the integrated silicone strap for mounting.



Image: The Knog Blinder light securely mounted on a bicycle handlebar, ready for use.

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Video: Official Knog Blinder Front Bike Light demonstration, including mounting instructions. This video shows how to attach the light to your bike's handlebars using the silicone strap.

OPERATING INSTRUCTIONS

The Blinder Front Bike Light is designed for simple operation with a single button control.

- **Turning On/Off:** Press and hold the power button for approximately 1-2 seconds to turn the light on or off.
- **Changing Modes:** Once the light is on, a short press of the power button will cycle through the 8 available light modes. These modes include various steady and flash patterns to suit different riding conditions and preferences.
- **Low Battery Indicator:** When the battery level is low, a red indicator light will illuminate next to the power button, signaling that a recharge is needed.

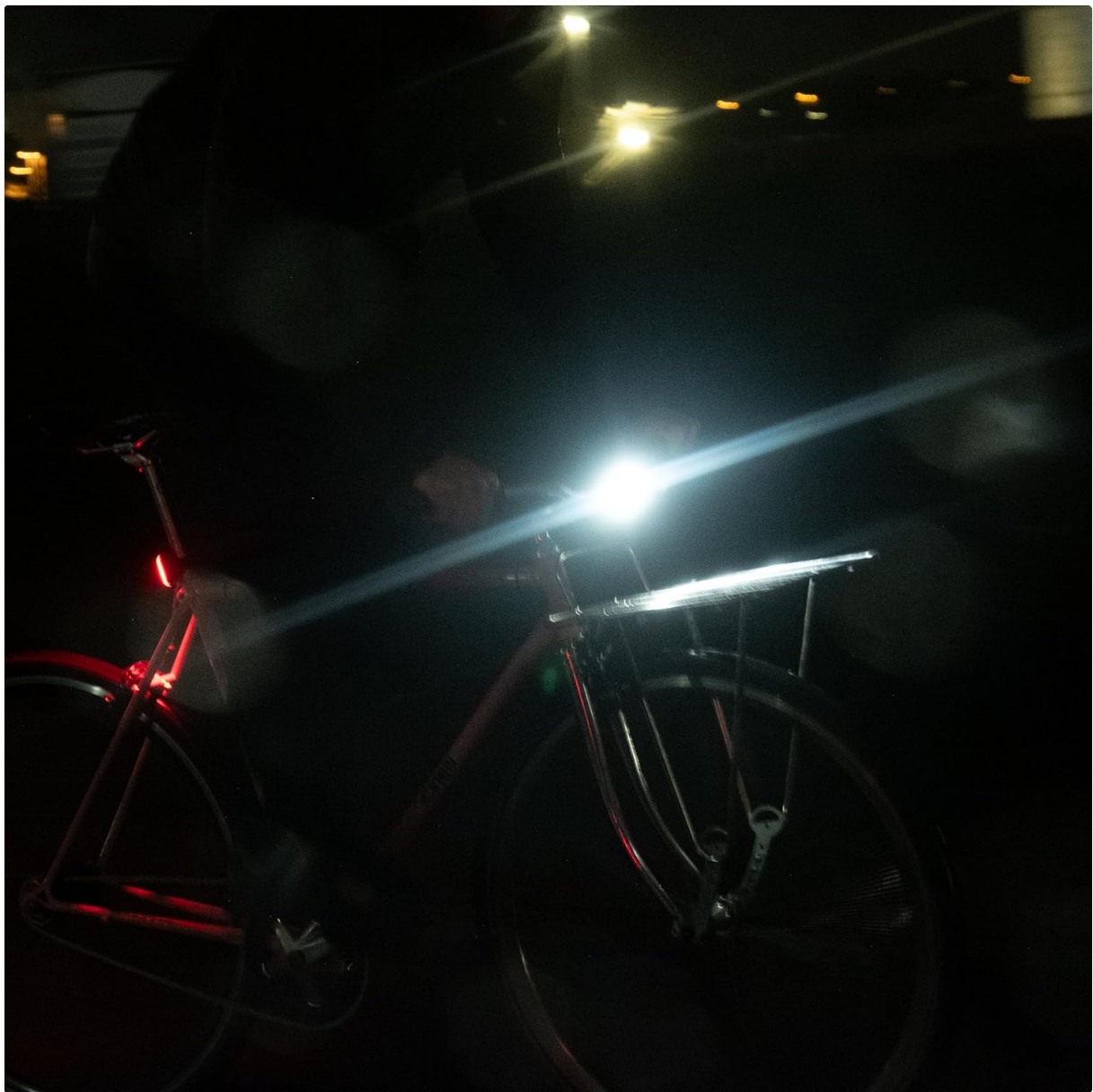


Image: The Knog Blinder light in operation, providing illumination on a dark path at night.

CHARGING

The Blinder Front Bike Light features an integrated USB-A connector for convenient charging without the need for additional cables.

1. Locate the integrated USB-A connector on the light.
2. Plug the connector directly into any standard USB-A port (e.g., on a computer, wall adapter, or power bank).
3. The indicator light will show charging status. A full charge typically takes approximately 4 hours.
4. Once fully charged, the indicator light will turn green, indicating the light is ready for use.

A full charge provides a runtime of up to 60 hours in Eco-Flash mode, and up to 2.5 hours in High Steady mode. The efficient COB LEDs maintain maximum brightness for 90% of the burn time.



Image: The Knog Blinder light plugged into a USB port for charging, highlighting its integrated USB-A connector.

MAINTENANCE

To ensure the longevity and optimal performance of your Knog Blinder Front Bike Light, follow these maintenance guidelines:

- **Cleaning:** Wipe the light body and lens with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these can damage the light's finish or lens.
- **Storage:** Store the light in a cool, dry place when not in use. If storing for an extended period, ensure the battery is partially charged (around 50%) to prolong its lifespan.
- **Water Resistance:** The light has an IP67 waterproof rating, meaning it is protected from dust and can withstand immersion in water up to 1 meter for 30 minutes. However, avoid prolonged submersion or high-pressure water jets.
- **Strap Care:** Inspect the silicone straps regularly for any signs of wear or damage. Replace them if necessary to ensure secure mounting.

TROUBLESHOOTING

If you encounter issues with your Blinder Front Bike Light, refer to the following common troubleshooting

steps:

- **Light Not Turning On:**

- Ensure the battery is charged. Connect the light to a USB port for charging.
- Perform a long press (1-2 seconds) on the power button to activate.

- **Light Not Charging:**

- Verify the USB-A connector is fully inserted into a working USB port.
- Try a different USB port or charging adapter.
- Check for any debris in the USB connector on the light.

- **Dim Light or Short Runtime:**

- Ensure the light is fully charged before use.
- The battery's capacity may decrease over time with repeated charging cycles.
- Operating in higher brightness modes will naturally result in shorter runtimes.

- **Light Not Mounting Securely:**

- Ensure you are using the correct size silicone strap for your bike component.
- Verify the clasp is fully engaged and locked.

If these steps do not resolve the issue, please contact Knog customer support for further assistance.

WARRANTY AND SUPPORT

The Knog Blinder Front Bike Light comes with a **2-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For additional product information, support, or to explore other KNOG products, please visit the official KNOG Store:

Visit the KNOG
Store