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NiteRider Pro 4200 Enduro Rechargeable Headlight with Remote User Manual

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your NiteRider Pro 4200 Enduro Rechargeable Headlight with Remote. Designed for optimal visibility and control, this 4200 lumen light ensures clear illumination for various terrains. Please read these instructions thoroughly before use to ensure safe and effective performance.



Image: The NiteRider Pro 4200 Enduro Headlight, its remote switch, and the battery pack.

PACKAGE CONTENTS

Verify that all items are present in your package:

- NiteRider Pro 4200 Enduro Remote Headlight
- Rechargeable Lithium Ion Battery Pack
- Handlebar Mount
- Remote Switch
- Charging Cable (USB)

SETUP

Mounting the Headlight

1. Secure the handlebar mount to your bicycle's handlebar. Ensure it is tightened sufficiently to prevent movement during rides.
2. Slide the Pro 4200 Enduro Headlight onto the handlebar mount until it clicks securely into place.

Connecting the Battery

- Connect the headlight cable to the battery pack. Ensure a firm connection.
- Secure the battery pack to your bicycle frame using the provided straps or a suitable holder, ensuring it is stable and does not interfere with cycling.

Attaching the Remote Switch

- Attach the remote switch to a convenient location on your handlebar, allowing for easy thumb operation without compromising grip.
- Connect the remote switch cable to the designated port on the headlight.

OPERATING INSTRUCTIONS

Powering On/Off

- To power on the light, press and hold the power button on the headlight unit or the remote switch for approximately 1-2 seconds.
- To power off the light, press and hold the power button on the headlight unit or the remote switch for approximately 2 seconds until the light turns off.

Changing Modes

- Once the light is on, short press the power button on the headlight unit or the remote switch to cycle through the available light modes.

Fuel Gauge

- The integrated 8-step fuel gauge provides a clear indication of the remaining battery life. Monitor this gauge to ensure you have sufficient power for your ride.

LIGHT MODES

The NiteRider Pro 4200 Enduro offers 7 distinct lighting modes:

- **Low:** For extended battery life and less demanding conditions.
- **Medium:** A balanced output for general riding.
- **High:** Maximum illumination for challenging trails and high-speed riding.
- **Flash:** Increases visibility during daylight or in traffic.
- **Beacon:** A distinct flashing pattern for enhanced safety.
- **S.O.S.:** A distress signal pattern for emergency situations.
- **Race:** Optimized for competitive use, often with quick transitions between high and low settings.

CHARGING

The NiteRider Pro 4200 Enduro features a rechargeable Lithium Ion battery.

- To charge, connect the provided USB charging cable to the battery pack and a compatible USB power source (e.g., computer USB port, USB wall adapter).
- The typical charge time is approximately 5 hours.
- The fuel gauge will indicate charging status and full charge.

MAINTENANCE

- **Cleaning:** Wipe the light and battery with a damp cloth to remove dirt and debris. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the light and battery in a cool, dry place when not in use. For long-term storage, ensure the battery is partially charged (around 50%) and recharge it every few months to maintain battery health.
- **Water Resistance:** The light is IP64 rated for water and dust resistance. While it can withstand splashes and light rain, avoid submerging it in water.

TROUBLESHOOTING

- **Light Not Turning On:** Ensure the battery is fully charged and properly connected to the headlight. Check if the light is in 'lock mode' (if applicable, though not explicitly stated for this model, it's a common feature in NiteRider products).
- **Short Run Time:** Fully charge the battery. Battery performance can decrease over time with extensive use or in cold temperatures.
- **Remote Not Responding:** Ensure the remote switch cable is securely connected to the headlight.

SPECIFICATIONS

Feature	Detail
Brand	NiteRider
Model Name	Pro 4200 Enduro Remote Front Bike Light
Model Number	6806
Lumen Output (Max)	4200 Lumens
Bulbs	LED
Power Source	Battery Powered (Lithium Ion)
Charge Time	5:00 hours
Fuel Gauge	8-step
Modes	7 (Low, Medium, High, Flash, Beacon, S.O.S., Race)
Water/Dust Resistance	IP64 Rated
Item Weight	839g (3.1 Pounds)
Mounting Type	Handlebar Mount
Color	Black
Material	Plastic
UPC	702699068063

WARRANTY AND SUPPORT

Warranty Information

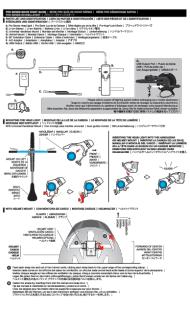
The NiteRider Pro 4200 Enduro is backed by NiteRider's limited manufacturer warranty. This warranty covers defects in material and workmanship, mechanical components (housings, covers, mounts, and fasteners), and LEDs.

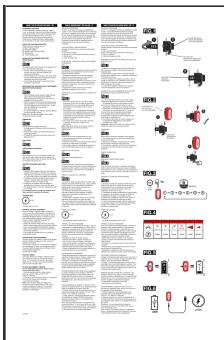
For specific details regarding warranty terms and conditions, please refer to the official NiteRider website or contact customer support.

Customer Support

For further assistance, technical support, or warranty claims, please visit the official NiteRider website or contact their customer service department.

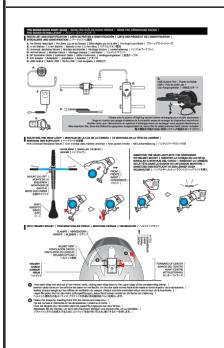
Related Documents - Pro 4200 Enduro

	<p><u>NiteRider Pro Series Quick Start Guide</u></p> <p>Quickly set up and operate your NiteRider Pro Series bike light with this essential guide. Covers parts identification, mounting instructions for handlebars and helmets, battery management, and operational modes for enhanced cycling safety.</p>
	<p><u>NiteRider Lumina OLED 1200 Boost LED Bike Light User Guide</u></p> <p>Comprehensive user guide for the NiteRider Lumina OLED 1200 Boost high-powered LED bike light, covering operation, charging, mounting, and safety information.</p>
	<p><u>NiteRider Solas™ 250 Taillight User Guide</u></p> <p>User manual and guide for the NiteRider Solas™ 250 taillight, covering installation, operation, charging, and warranty information.</p>
	<p><u>NiteRider Pro 1800 Race User Guide</u></p> <p>User guide for the NiteRider Pro 1800 Race bike light, covering mounting, operation, battery charging, safety tips, and warranty information.</p>



[NiteRider Omega 330 EVO Taillight User Guide](#)

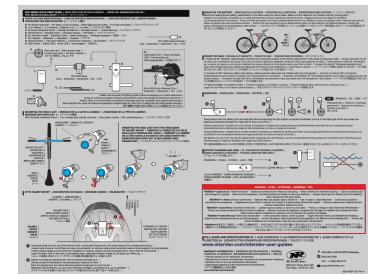
User guide for the NiteRider Omega 330 EVO taillight, covering installation, operation, charging, and warranty information.



[NiteRider Pro Series Quick Start Guide](#)

Quickly set up and operate your NiteRider Pro Series bike light with this essential guide. Covers parts identification, mounting instructions for handlebars and helmets, battery management, and operational modes for enhanced cycling safety.

Documents - NiteRider – Pro 4200 Enduro



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SWING ARM NOTCH 2.5 X 30MM SCREW HINGE KNOB 2.5 X 12MM SCREW

SLIDER CLIP HEX BOLT CLICK USB OUTPUT PORT BRAZO OSCILANTE

MUESCA 2.5 X 30MM TORN...

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