



HID

LITHIUM ION

Enduro Lith™



USER GUIDE



DISCOVER THE NIGHT!

Thank you for choosing Enduro™ from NiteRider, the innovator in technical lighting systems. Enduro™ uses a helmet-mounted, high-intensity discharge (HID) lamp for bright, white light and a compact, lightweight Lithium Ion battery.

To get the most from your NiteRider light, we urge you to familiarize yourself with the following safety and operating instructions.



RIDING AT NIGHT

While the Enduro™ will dramatically improve your control and enjoyment of night riding, please remember that cycling at night is an inherently dangerous activity. In addition to using your lighting system properly and riding with extreme caution, NiteRider urges you to:

- Never ride alone
- Always let someone know where you are going
- Wear a helmet and reflective clothing
- Carry an auxiliary light and emergency supplies



PROTECTING YOUR INVESTMENT

When not in use, always disconnect the headlamp from the power module. To unplug, grasp the connector, not the cable. Properly charge your batteries to maximize their lifespan. To avoid damaging your system, only charge your NiteRider battery with the appropriate NiteRider charger. The Enduro™ will perform in wet weather conditions, but submerging it in water will damage the system. If you need a submersible light, NiteRider manufactures industrial-grade dive light systems. For information, contact NiteRider Dive Lights at 858.268.3850 or visit www.niteriderdive.com.

PARTS LIST AND IDENTIFICATION

Please verify the contents of your Enduro™ system:

- A. High-output HID Solarc™ headlamp
- B. Compact, lightweight Lithium Ion battery
- C. 1.5-hour fast charger and power cord
- D. Helmet mount
- E. 36" extension cord



MOUNTING THE HEADLAMP

1. Unclamp the straps on each side of the helmet mount and pull them free.
2. Position the plastic mounting plate as close to the centerline of the helmet as possible, orienting the parallel grooves on the slider clip to the rear.
3. Feed each strap into and out of two helmet vents, circling each strap back to the upper edge of the corresponding clamp.
4. Fasten the straps by inserting them into the clamps.
5. Insert the headlamp mount into the helmet mount slider clip from the rear of the slider clip forward. Gently rocking the lamp as you slide it may help. Do not push the release lever when inserting the headlamp into the slider clip; let the lamp snap into place by itself.

To remove the headlamp, push the release lever and slide the lamp backward.

Note: After mounting the headlamp, adjust the headlamp so it illuminates the road properly without distracting oncoming riders.

CONNECTING THE BATTERY

1. Route the headlamp cord through a helmet vent or along the outside of the helmet using the thin Velcro tie to secure the cord.
2. Attach the 36" extension cord.
3. Connect the extension cord to the battery, making sure the cord does not interfere with any moving parts.
4. Place the battery in a jersey pocket, hydration pack, or fanny pack.

OPERATION

1. To turn the lamp on, press and release the headlamp power button. The LED will turn green indicating power. It is normal for the HID bulb to flicker and change color as the bulb stabilizes.
2. To turn the lamp off, press and release the power button. The lamp will go out and the LED will glow amber for four seconds. The lamp cannot be re-struck at this time.
3. When the LED turns red, it is time to recharge the battery. Turn off the lamp to avoid over-discharging and damaging the battery.
4. If the LED begins flashing, the battery must be disconnected to unlock the battery protection feature.

Warning: HID headlamps require adequate airflow during operation (as in riding conditions). NiteRider discourages use of the light in stationary conditions as excessive heat retention can damage the HID headlamp.

BATTERY CHARGING AND CARE

Rechargeable batteries can last years with proper care. Fully charge your battery:

- before the first use
- after each use
- before storing
- every 45 to 60 days when not in use.

Using the 1.5-hour Fast Charger

1. Plug the power cord into the charger and then the wall socket. The charger will conduct a self-diagnosis and the charging indicator light (located on the back, upper left corner of the charger) will illuminate green, then amber, and then back to green.
2. Connect the charger cable to the battery. If the battery is not fully charged, the indicator light will turn amber, signifying fast charge mode. If the light flashes when you first plug in the battery, the charger is preparing an overly discharged battery for fast charging.
3. When the battery is fully charged, the indicator light will turn green and charging will shut off automatically.
4. Unplug the charger from the battery and wall socket, grasping the connectors rather than the cables. Leaving the battery and charger connected indefinitely will not harm the cells.

Note: The charger will charge a fully depleted battery in approximately 1.5 hours.

Storage

Rechargeable batteries perform better and last longer if they are brought to a complete charge before storing and every 45 to 60 days when not in use.

Disconnect the battery from the headlamp, and store the system in a cool dry place.



SUPPORT

If you experience difficulties during product installation or operation, NiteRider provides free telephone support on weekdays from 8:00 AM to 4:30 PM (Pacific Time) at 800.466.8366, ext. 4. You may also e-mail us at support@niterider.com.



WARRANTY

NiteRider stands behind its products with the following Enduro™ warranties:

- Lifetime warranty on all mechanical components
- 1 year on cables and connectors, electronic components, printed circuit boards, and HID bulbs and ballasts
- 180 days on rechargeable batteries and fast chargers.

To repair or replace your product while under warranty, return it (postage prepaid and insured with original sales receipt) to the address below. Out-of-warranty repair service is also available. For complete warranty information, please visit our website at www.niterider.com.



RUN TIME

Enduro™ will run for 2:15 on a fully charged battery.

Run time is an approximation and will vary.

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