



3-Cluster,
High-Powered LED
LITHIUM ION

TriNewt™



TriNewt™ Wireless



USER GUIDE



DISCOVER THE NIGHT!

Thank you for choosing the TriNewt™ from NiteRider, the innovator in technical lighting systems. The TriNewt™ combines a headlamp consisting of a cluster of 3 high-powered white LEDs and a Power Module containing light control, charging, safety (and for some models wireless receiving) circuits as well as rechargeable Lithium Ion batteries.

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 TriNewt™ will 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. Be sure to use only the supplied AC Adapter, otherwise damage to the power module circuitry could occur. The TriNewt™ 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.

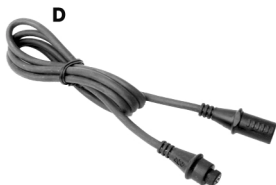
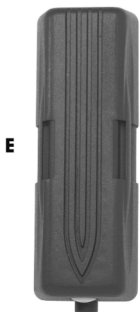
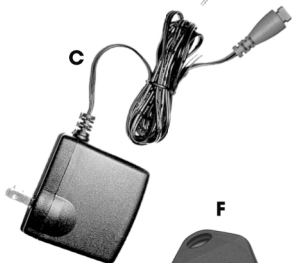
PARTS LIST AND IDENTIFICATION

Please verify the contents of your TriNewt™ system:

- A. Headlamp Assembly
- B. Helmet Mount
- C. AC Adapter
- D. 36" Extension Cord
- E. Power Module

The TriNewt™ Wireless includes:

- A. Headlamp Assembly
- B. Helmet Mount
- C. AC Adapter
- D. 36" Extension Cord
- E. Power Module – Wireless
- F. Wireless Key Fob
- G. Wireless Key Fob Mount



MOUNTING THE HEADLAMP

To the handlebar

At our factory, the handlebar mount has been attached to the headlamp and the strap positioned to fit a 25.4mm handlebar. To mount:

1. Place the headlamp/mount assembly directly above the handlebar.
2. Pull the rubber mounting strap down from below the handlebar and then up and around the back, attaching to the strap hook on the mount hinge.

Adjusting strap length

For larger handlebars, adjust strap length as follows:

1. Remove screw holding mount to headlamp.
2. Remove mount cover, exposing strap attachment to base.
3. Reposition strap as required.
4. Reposition mount cover.
5. Re-attach mount to headlamp with screw.

To helmet

1. Disassemble handlebar mount from headlamp by removing screw.
2. Route headlamp cord through hole in base of helmet mount.
3. Attach headlamp to helmet mount using mounting bolt with knob.
4. Attach helmet mount to helmet.

BATTERY CHARGING

The smart charging circuitry is housed in the Power Module and will recharge a fully discharged battery in approximately 4 hours.

1. Plug the AC Adapter into the Power Module and then into the wall socket.
2. The Power Module indicator light will be red until the battery is fully charged; then it changes to blue.
3. Unplug the AC Adapter from the Power Module and wall socket, grasping the connectors rather than the cables.
4. Leaving the Power Module and AC Adapter connected indefinitely will not harm the batteries.

We suggest you leave the wireless power module on the smart charger when not in use, as it will self discharge in about 2 weeks.

LOW BATTERY INDICATOR

With approximately 15% battery capacity remaining, the indicator lights on both the headlamp and Power Module will turn from blue to red.

MOUNTING THE POWER MODULE

The Li-Ion power module can be mounted to the bike frame or placed in a jersey pocket, hydration pack, or fanny pack.

Warning: For safety reasons, a cyclist should never be tethered to the bike. If the headlamp is mounted to the helmet, do not mount the battery to the frame. Conversely, if the headlamp is mounted to the handlebar, do not place the battery in a pocket or pack.

Frame Mount

1. Thread the Velcro strap through the slots on the top of the Power Module.
2. Attach the concave surface of the battery to a safe, convenient location on the frame (typically under the top or down tube), placing the Velcro strap over the tube but under any shift or brake cables.
3. Secure the headlamp cord to the frame using the thin Velcro tie. Make sure the cord does not interfere with any moving parts.

Pocket or Pack

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. Connect the headlamp (or extension) cord to the battery, making sure the cord does not interfere with any moving parts.
3. Simply place the battery in a jersey pocket or hydration pack.

OPERATION

1. Connect the headlamp cord to the Power Module. Use the 36" extension cord for helmet mounting.
2. Press and release the power button or wireless key fob to turn the light on. Cycle through the two brightness levels by pressing and releasing the power button or wireless key fob.
3. To access the daylight visible flash mode, press and hold the power button or wireless key fob for greater than 3 seconds.
4. To turn the light off from either normal or flash mode, press and hold the power button or wireless key fob for greater than 1 and less than 3 seconds.

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 TriNewt™ warranties:

- Lifetime warranty on all mechanical components
- 2 years on the headlamp, power module (excluding degradation of the battery cells) and AC Adapter
- 180 days on rechargeable batteries

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 TIMES

The TriNewt™ will run up to:

<u>SETTING</u>	<u>TIME</u>	<u>LUMENS</u>
High	3:30	486
Low	7:00	298

Run times are approximations and will vary.

Lumen values represent an average of 10 randomly selected headlamps as measured in a 0.6 meter Integrating Sphere.

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