Battery charging and care (see Table 2)

Although the light is charged at the factory, it is recommended to charge it before first use.

To charge the battery:
1. Open the USB port cover.
2. Plug the Micro charger cable into the USB port on the light.
3. Plug the cable into a computer or USB port on the light.
4. When the charge is complete, unplug the power button.
5. Close and tighten knob.

IMPORTANT: Do not use a 1-wire cable connection, especially in wet conditions.

IMPORTANT: To prevent extreme conditions, including wet or cold, or extremely hot.
1. Open the USB port cover.
2. Plug the Micro charger cable into the USB port on the light.
3. Plug the cable into a computer or wall adapter.
4. When the charge is complete, unplug the Micro charger cable and close the USB port cover.

To avoid damage to the light, use a good quality, well-made charger.

Battery life (see Table 2)

Table 2. Battery charging and care

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Button/Status LED</th>
<th>Charge, %</th>
<th>Charge Duration (hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ion Pro RT</td>
<td>Radium</td>
<td>&lt;25%</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Yellow Flash</td>
<td>25% - 75%</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Green Flash</td>
<td>75% - 99%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Green Steady</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Ion 200 RT</td>
<td>Red Flash</td>
<td>0% - 75%</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Green Flash</td>
<td>75% - 99%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Green Steady</td>
<td>90% - 100%</td>
<td></td>
</tr>
<tr>
<td>Flare RT</td>
<td>Red Flash</td>
<td>0% - 75%</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Green Flash</td>
<td>75% - 99%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Green Steady</td>
<td>90% - 100%</td>
<td></td>
</tr>
</tbody>
</table>

1. **Radium** (2 Hz) with 2-wire USB cable.
2. **Yellow Flash** (1 Hz) with 2-wire USB cable.
3. **Green Flash** (1 Hz) with 2-wire USB cable.
4. **Radium** (2 Hz) with 4-wire USB cable and a 500mA charger, or slow (1 Hz) with 2-wire USB cable.
5. When fully charged, status led remains steady for 1 minute then turns off.
6. Requires a 4-wire USB cable, supplied, and a 500mA charger.

Caring for the battery

Store the light at room temperature in a dry place. Avoid moisture, or extreme heat or cold.

Store the light in the charged condition. Avoid ‘deep discharge’. Battery life will decrease if the battery is stored in a fully discharged condition.

Over time, the run time of the battery will diminish. Expect about 500 full charges, depending on care. After a full life, the battery will continue to charge but with a lower run time. When the run time is unsatisfactory, do not open the case of the light, and in order to recycle.

Traveling with the battery

Li-ion batteries cannot be shipped by air due to airline regulations. When traveling by air, place the light in your carry-on.

Recycling

Please recycle the battery. In the US, you can find out where to do this at www.call2recycle.org.

This symbol on the product(s) and / or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery and reprocessing, outside the US, please take this product(s) to designated collection points. Alternatively, in some countries you may be able to return your products to your local retailer upon purchase of an equivalent new product. Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of this waste, in accordance with your national legislation.

Ion Pro RT information, installation, and special features

Installation
1. Loosen knob and open.
2. Adjust for bar size (31.8mm or 35mm).
3. Close and tighten knob.
4. Slide light onto mount until it locks in place.

NOTE: Use provided shim to fit 25.4 bars.

Removal
5. Press down.
6. Slide light to remove.

Low battery feature

When the battery charge drops below 5% the light automatically adjusts the output brightness to 50 lumens. This extends the light output for an additional 30 minutes.

Locking/Unlocking the mode

Turn on and select the desired mode, then press and hold the power button 8 seconds to select it. This light will turn off and the main LED will flash once. To unlock, repeat the process.

Reset

To reset the light to factory default settings, with the light on, press and hold the power button for 15 seconds.

Wireless Communication

The light is shipped with ANT+ and Bluetooth wireless connectivity enabled. To disable, with the light off, press and hold the power button for 15 seconds. The main LED will flash once at 8 seconds, and again at 15 seconds. Release the button after the second flash.

NOTE: The status LED flashes blue every 15 seconds when wireless is enabled.
Ion 200 RT information, installation, and special features

Installation

To attach with the Quick Connect 0° offset bracket

1. Place the quick connect on the handlebar with the hook in front.
2. Stretch the strap under the bar and connect to the hook.

NOTE: Use the second hook to latch excess strap.
3. Slide the Ion 200 RT onto the bracket until it clicks. The power button should be facing up and the lens of the light should be perpendicular to the road.

Removal

Press down on the tab and slides the light away from the lever.
Alternatively, you can remove the entire quick-connect bracket, with the light attached.

Low battery feature

When the battery charge drops below 5% the light automatically adjusts the output brightness to 5 lumens. This extends the light output for an additional 30 minutes.

Locking/Unlocking the mode

To unlock, repeat the process.

Auto brightness

The light is shipped with an ambient light sensor enabled. The light automatically changes modes with ambient light conditions. It changes from Day Flash to High Steady. To disable, with the light off, press and hold the power button 8 seconds. The light will flash once.

NOTE: When auto brightness is enabled, all modes are manually accessible.

Reset

To reset the light to factory default settings, with the light on, press and hold the power button for 15 seconds. The main LED will flash once at 8 seconds, and again at 15 seconds. Release the button after the second flash.

Wireless Communication

The light is shipped with ANT+ and Bluetooth wireless connectivity enabled. To disable, with the light off, press and hold the power button for 15 seconds. The main LED will flash once at 8 seconds, and again at 15 seconds. Release the button after the second flash.

NOTE: The status LED flashes blue every 15 seconds when wireless is enabled.

WARNING

A bicycle without correct lights and reflectors might be difficult for other people to see, and you might not be able to see if you cannot see, or other people cannot see you, you could have an accident. Make sure your lights operate correctly and that batteries are charged.

European Union Compliance

Ion Pro RT and Ion 200 RTs do not comply with German SV2020 regulations. Trek Bicycle Corporation and Bontrager hereby declare that the wireless device identified as Ion Pro RT, Ion 200 RT and ‘Flare RT’ are in compliance with the following European Directives:

- Radio Equipment Directive 2014/53/EU (Ion Pro RT only)
- EMC Directive 2014/30/EU
- Low Voltage Directive 2014/35/EU (Ion Pro RT only)
- RoHS Directive 2011/65/EU

The full text of the EU declaration of conformity is available from your dealer, or at the following internet address:
http://www.trekbikes.com/support

Trek Bicycle Corporation

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Wheaton, IL 60187 USA

Tel: 630-377-2800

Europe

Bikewave BV
Centuriiurban 2-20C
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The Netherlands
Tel: +31 (0) 588 450699

Australia

Trek Bicycle Corp.
8 Townsville Street
Laval (Que)

Freewheel (ACT)
2009 AU
Tel: +61 (0) 61 732 400

Ion 200 RT information, installation, and special features

Installation

To attach with the Quick Connect 16° offset bracket

IMPORTANT: The seatpost/saddle icon shows that the lens is oriented perpendicular to the ground to optimize visibility.

NOTE: Use the second hook to latch excess strap.

To attach to a seat pack

Attach the seat pack clip to the bag loop. To optimize visibility, ensure the lens is oriented perpendicular to the ground.

To attach to a rack

Remove the quick connect clip from the rubber strap and attach to a rack with a M6 bolt and washer, sold separately.

Low battery feature

When the battery charge drops below 5% the light automatically adjusts the output brightness and begins to flash. This extends the light output for an additional 30 minutes.

Locking/Unlocking the mode

Turn on and select the desired mode, then press and hold the power button 8 seconds to select it. The light will turn off and the main LED will flash once.

To unlock, repeat the process.

Auto brightness

The light is shipped with an ambient light sensor enabled. The light automatically changes modes with ambient light conditions. It changes from Day Flash to Night Flash. OR Day Flash to Night Steady. To disable, with the light off, press and hold the power button 8 seconds. The light will flash once.

NOTE: When auto brightness is enabled, night flash, Day Flash and Day Steady are manually accessible.

Reset

To reset the light to factory default settings, with the light on, press and hold the power button for 15 seconds. The main LED will flash once at 8 seconds, and again at 15 seconds. Release the button after the second flash.

Wireless Communication

The light is shipped with ANT+ and Bluetooth wireless connectivity enabled. To disable, with the light off, press and hold the power button for 15 seconds. The main LED will flash once at 8 seconds, and again at 15 seconds. Release the button after the second flash.

NOTE: The status LED flashes blue every 15 seconds when wireless is enabled.