Basic operation (see Table 1)

To turn on, double click (Ion Pro RT) similar to a computer mouse and single click (Ion 200 RT / Flare RT) the power button.

1. Loosen knob and open.
2. Slide light onto mount until it locks in place.
3. Close and tighten knob.
4. When the charge is complete, unplug the Micro charger cable and close the USB port on the light.
5. Plug the Micro charger cable into the wall adapter.
6. Slide light to remove.

NOTE: When turned on Ion Pro RT, Ion 200 RT and the Flare RT will return to the last active mode.

Table 1. Modes, runtimes, and battery life

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Button/Status LED</th>
<th>Mode</th>
<th>Max Output (lumens)</th>
<th>Runtime (hours)</th>
<th>Power Button/Status LED Color</th>
<th>Battery Life, %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ion Pro RT</td>
<td>Power/Status LED</td>
<td>High</td>
<td>1300</td>
<td>1.5</td>
<td>Green Steady</td>
<td>25 to 100%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Medium</td>
<td>800</td>
<td>3</td>
<td>Red Steady</td>
<td>5 to 25%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Low</td>
<td>400</td>
<td>6</td>
<td>Yellow Flash</td>
<td>25% to 75%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Night Flash</td>
<td>200</td>
<td>26</td>
<td>Green Flash</td>
<td>75% to 99%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Day Flash</td>
<td>300</td>
<td>22</td>
<td>Green Steady</td>
<td>100%</td>
</tr>
<tr>
<td>Ion 200 RT</td>
<td>Power/Status LED</td>
<td>High</td>
<td>200</td>
<td>1.5</td>
<td>Green Steady</td>
<td>25 to 100%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Medium</td>
<td>100</td>
<td>3</td>
<td>Red Steady</td>
<td>5 to 25%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Low</td>
<td>5</td>
<td>14.5</td>
<td>Yellow Flash</td>
<td>25% to 75%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Night Flash</td>
<td>5</td>
<td>30</td>
<td>Red Flash</td>
<td>Less than 5%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Day Flash</td>
<td>100</td>
<td>12</td>
<td>Red Flash</td>
<td>Less than 5%</td>
</tr>
<tr>
<td>Flare RT</td>
<td>Power/Status LED</td>
<td>Night Flash</td>
<td>90</td>
<td>6</td>
<td>Green Steady</td>
<td>25 to 100%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Day Flash</td>
<td>40</td>
<td>12</td>
<td>Red Flash</td>
<td>5 to 25%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Night Flash</td>
<td>5</td>
<td>15</td>
<td>Green Flash</td>
<td>25% to 75%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Day Steady</td>
<td>25</td>
<td>4.5</td>
<td>Red Flash</td>
<td>Less than 5%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Night Steady</td>
<td>5</td>
<td>13.5</td>
<td>Green Steady</td>
<td>100%</td>
</tr>
</tbody>
</table>

Battery charging and care (see Table 2)

Although the light is charged at the factory, it is recommended to charge it before 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 wall adapter.
4. When the charge is complete, unplug the Micro charger cable and close the USB port cover.

IMPORTANT: Ensure the USB cover is latched before riding in rain or in wet conditions. If the USB cover is not closed, damage to the light may occur.

Table 2. Battery charging and care

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Button/Status LED Color</th>
<th>Charge, %</th>
<th>Charge Duration (hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ion Pro RT</td>
<td>Red Flash</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 Steady</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>
</tbody>
</table>

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 or incinerate; please 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 products and / or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery and recycling, 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.

List of parts

You may have purchased one or more of the following lights.

<table>
<thead>
<tr>
<th>Light</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ion Pro RT</td>
<td>Ion 200 RT</td>
<td>Flare RT</td>
<td></td>
</tr>
<tr>
<td>Power Button/Status LED Button</td>
<td>Front of bike</td>
<td>Quick Connect 6' Mounting Bracket</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>7</td>
<td>Brightness</td>
<td></td>
</tr>
<tr>
<td>Battery Life, %</td>
<td>Status LED</td>
<td>Mounting Bracket</td>
<td></td>
</tr>
<tr>
<td>High</td>
<td>Less than 5%</td>
<td>Mounts to the seatpost or a rack.</td>
<td></td>
</tr>
<tr>
<td>25 - 35.0mm Adjustable Bar Mount with shim PN W552375</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fits 22.2mm to 35mm bars.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charger Cable PN W5327765, (2-wire)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Accessories (purchase separately)

<table>
<thead>
<tr>
<th>Head Lights</th>
<th>Tail Lights</th>
</tr>
</thead>
<tbody>
<tr>
<td>Helmets, (Blendr mount system)</td>
<td>Rack attachment</td>
</tr>
<tr>
<td>*Circuit Model 21764 Rally Model 21797</td>
<td>Use an 8mm M5 bolt and washer, PN 537067 with Quick Connect 6' bracket supplied, or with complete rack mount kit, PN 553278</td>
</tr>
<tr>
<td>Bontrager Helmet Bracket PN 420462</td>
<td>Seat Pack Clips</td>
</tr>
<tr>
<td>22.3-31.8mm Adjustable Sync Bracket Model 41821</td>
<td>Metal, PN 424905 Plastic, PN W528503</td>
</tr>
<tr>
<td>Bontrager Garmin Edge</td>
<td>Speed Concept Attachment</td>
</tr>
<tr>
<td>1030 GPS Computer Model 21797</td>
<td></td>
</tr>
<tr>
<td>Bontrager Garmin Edge 1030 GPS Computer Model 21797</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Take off the reflector mounting bracket, PN 9032790 and replace the end with the Flare Round Mounting Kit interface, PN 418932</td>
</tr>
</tbody>
</table>

Ion Pro RT information, installation, and special features

Installation

1. Loosen knob and open.
2. Adjust for bar size (31.8mm or 35.0mm).
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. The light will turn off and the main LED will flash once. To unlock, repeat the process.

Reset

To reset the control to default settings, 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.

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 turns on blue for 3 seconds if the wireless is enabled.

After 3 seconds, the status LED continues to display the battery level. If the wireless is disabled, the status LED immediately displays the battery level.

About this manual

This manual is for Bontrager lights Ion Pro RT, Ion 200 RT (headlights) and Flare RT (tail light). RT indicates light is rechargeable and remote controllable when paired with Bontrager Transmitr remote, PN 502865, or another ANT+ compatible device.

WARNING

The light may be hot and could cause a burn or damage material it may contact. Do not activate while in an enclosed area. Avoid accidental wireless activation.

Please read the additional Warning, page 2, before using this light.

Specifications

- Ion Pro RT: 5000 mAh, 3.7 Vdc, 18.5 Wh lithium ion battery
- Ion 200 RT and Flare RT: 4200 mAh, 3.7 Vdc, 16.6 Wh lithium polymer battery

For more information

If you need help not offered by this manual, talk to your Bontrager retailer or visit trekbikes.com.

IMPORTANT:

The Micro charger cable and close the USB port on the light.

2. Plug the Micro charger cable into the wall adapter.

3. Close and tighten knob.

4. When the charge is complete, unplug the Micro charger cable and close the USB port on the light.

5. Plug the cable into a computer or wall adapter.

6. Slide light to remove.

NOTE:

When turned on Ion Pro RT, Ion 200 RT and the Flare RT will return to the last active mode.

NOTE:

When turned on Ion Pro RT, Ion 200 RT and the Flare RT will return to the last active mode.

IMPORTANT:

Ensure the USB cover is latched before riding in rain or in wet conditions. If the USB cover is not closed, damage to the light may occur.

NOTE:

When turned on Ion Pro RT, Ion 200 RT and the Flare RT will return to the last active mode.

IMPORTANT:

Ensure the USB cover is latched before riding in rain or in wet conditions. If the USB cover is not closed, damage to the light may occur.
Pairing to the Transmitr Remote, Bontrager Garmin Edge® GPS computer or select Garmin Edge® computers
The Transmitr Remote (or select Garmin Edge computers, sold separately) allows remote control of the light. This feature is only available on the Ion Pro RT, Ion 200 RT, and the Flare RT as well as other compatible Transmitr lights. For more complete instructions, refer to the Transmitr manual at trek.com. For Garmin related instruction and a complete listing of compatible Edge devices visit, garmin.com.
Before starting, place the remote and all lights within a small area. Move 15 feet from other Transmitr®/ANT+ compatible lights to prevent unintentional pairing. If a light is unintentionally paired, restart the pairing process at the beginning.
NOTE: All pairings must be done in a single session. After pairing is finished, pairing any additional lights will require that you repeat the entire pairing procedure.
1. Place the light close to the Transmitr Remote (within 15cm / 6in).
2. Quick-press the power button on the light to turn it on, then quick-press to turn it off again.
NOTE: After completing this step, do not press the power button on the light again until pairing is complete.
3. Press-and-hold the center button on the Transmitr Remote for at least 8 seconds. When the corner buttons flash, release the center button.
4. While the remote searches for a light, its center button flashes red. When the Transmitr Remote finds a light, the center button on the remote will change from red to green, and the found light will flash.
5. While the found light is still flashing, quick-press the button on the Transmitr Remote to which you would like to pair the light. The selected button will glow, and the found (paired) light will stop flashing and turn off.
NOTE: After the pairing, the center button on the remote will flash red until the Transmitr Remote finds another available light.
6. Repeat Step 4 and Step 5 for each additional light to be paired.
To exit pairing
1. When all lights are paired, quick-press the center button on the remote. The button will stop flashing and turn off.
To verify pairing
1. Quick-press the center button on the remote to turn on all paired lights.
2. Press-and-hold the center button to turn all of them off.
3. Turn on each light individually. Quick-press each paired corner button on the remote to turn on the individual(s).
4. Press-and-hold the same corner button to turn off the light.

Using the Transmitr Remote
To turn on all lights
ON: Quick-press the center button.
OFF: Press and hold the center button.
To turn on an individual light
ON: Quick-press the corner button that controls the light.
OFF: Press and hold the corner button.
To change modes of an individual light
Quick-press of a button that controls a light will cycle through the modes.
To see battery power status on the remote
When a corner button is pressed, the center button will show the battery status of the light.

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 bracket up to the bracket tilts, the power button should face up and the lens of the light should be perpendicular to the road.
NOTE: The Ion 200 RT firmware version must be 0.13 or higher to use this bracket.

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
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 disabled. When the ambient light sensor is enabled, the light automatically changes modes with ambient light conditions changing from Day Flash to All Day Flash to Night Flash. To disable, 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.

To exit 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.

NOTE: All pairings must be done in a single session. After pairing is finished, pairing any additional lights will require that you repeat the entire pairing procedure. To unlock, repeat the process.

European Union Compliance
Ion Pro RT and Ion 200 RTs do not comply with German StVZO regulatory requirements. Visit 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:
•med 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

States of Regulatory Compliance FCC Compliance
Ion Pro RT FCC ID: 2AHXD552373 Ion 200 RT/Flake RT FCC ID: 2AHXD553662 This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in particular installations.
This product may cause interference to radio equipment and should not be installed near marine safety communications equipment or other critical navigation or communication equipment operating between 0.45-30 MHz. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Relocate or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or experienced radio/TV technician for help.
NOTE: TREK BICYCLE CORPORATION is NOT RESPONSIBLE for ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT, ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY TREK BICYCLE CORPORATION OF THIS DEVICE COULD VOID THE USER'S AUTHORITY TO OPERATE THE DEVICE.