Transmitr
Owner’s Manual

Important:
Keep for future reference
This manual gives instructions on the installation and use of the Bontrager Transmitr/ANT+ compatible lighting system.
This manual is written for the owner, but requires some mechanical experience. Some maintenance should only be performed by the retailer, and this manual tells you when that is.

Check for updates
For revisions to this manual and the most current information, check our web site at www.bontrager.com

Important:
The batteries should be fully charged before your first use, and before any extended use.

Overview
Welcome to the Bontrager Transmitr/ANT+ compatible lighting system. This manual explains the installation and use of the Transmitr components:
  • Transmitr Remote Part Number 502865
  • Ion 700 RT headlight Part Number 503062
  • Flare RT taillight Part Number 438818
For additional information, please visit Bontrager.com

General installation information
These instructions are written for the average user and require only basic mechanical skills. The complete procedure should take between 10 and 30 minutes, depending on how many components of the system you choose to install.

There are two phases to this installation: pairing the lights to the remote, and attaching the lights and remote to the bike. You can do these in any order, but it is usually easiest to pair a light to the remote before attaching it to the bike.

NOTE: All lights must be paired in the same continuous procedure. If you choose to add a light later, each component will have to be paired again at that time.

If you have questions:
If after reading this manual you have additional questions, contact your retailer or the technical support team:

Bontrager
Attn: Customer Service
801 W. Madison Street
Waterloo, Wisconsin 53594
920.478.4678
www.bontrager.com

Trek Bicycle Corporation Ltd.
9 Sherbourne Drive, Tilbrook
Milton Keynes, MK7 8HX
United Kingdom
+44 (0)1908 360 160
support_unitedkingdom@trekbikes.com

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Before starting

Tools needed
Phillips-head screwdriver
2.5mm hex wrench

What is Pairing?
Pairing is a process of the ANT+ protocol (an industry standard for wireless communication) and required to enable the remote control of Transmitr/ANT+ lights. In the process, the remote will recognize and remember the wireless signal sent by an ANT+ enabled light.

Pairing with the Transmitr Remote
In a single pairing session, up to seven distinct Transmitr-enabled lights can be paired to a single Transmitr Remote. Once in pairing mode, the system will automatically search each activated light, to pair one at a time, in sequence. Multiple lights can be paired to a single button. The pairing process is the same for all Transmitr enabled lights, regardless of whether it is a headlight or taillight.

All pairings must be done in a single session. If lights are added to the system later, all lights will need to be paired to the remote again.

Special functions
Special functions and configurations are only available with select Bontrager Transmitr lights designated with an ‘RT’:

- High beam
- Turn-signal
Compliance and safety

Before installing the Transmitr system or individual light from that system, make sure the light complies with local regulations and/or requirements.

IMPORTANT:
Always consult your local traffic and lighting laws prior to using a new lighting product on your bicycle. While lights will almost always improve the safety of the rider, there are certain color, brightness, blink-rate, and other configurations that are not legally accepted in all locations.

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.

“To See” light
The Ion 700 RT is a “To See” light. It uses a Cree XM-L2 LED (Light Emitting Diode). The Ion 700 RT directs most of its light into a 15 degree spot light, some into a 90 degree floodlight, and a small portion illuminates the amber side lenses. This makes the Ion 700 RT a great headlight for primary vision when riding in low light. It can also function as a “To Be Seen” light when in flash mode, although the amber side lenses do not direct a substantial amount of light. Note that for best results, a rider should employ BOTH a “To See” light and a “To Be Seen” light.

Lithium ion battery
Some parts of the Transmitr system use a 2900mAh or 570mAh lithium ion battery. This is a rechargeable battery with a very long run time (length of battery charge). The actual run time depends on the mode you choose to use. The batteries are inside their lights, which can easily be removed from the bike for recharging.

Specifications:
- Ion 700 RT: 3.7Vdc, 2900mAh, 10.73Wh
- Flare RT: 3.7Vdc, 570mAh, 2.1Wh

With a full charge, the battery should power the light as shown in each section of the manual. This time will vary according to mode, battery condition, temperature, and other environmental factors.

Flare RT only: When the battery charge is at 5% or lower, the steady beam will change to low battery strobe mode.

Notice: Avoid mishandling of the batteries. These actions or others can cause damage to or permanently disable the batteries:
- Recharging the battery when hot, such as when sitting in direct sunlight
- Cleaning the light with a high-pressure washer
- Dropping or impacting the light
- Immersing the light in water
- Opening or puncturing the light
- Short-circuiting the terminals
Traveling with Lithium Ion batteries
With a Lithium Ion battery, certain restrictions on travel apply. If the terminals are shorted on a Lithium Ion battery, it can cause the battery to overheat and possibly cause a fire. For this reason, airlines do not allow Lithium Ion batteries in checked baggage; you must put Lithium Ion batteries in your carry-on. Always check with the carrier before traveling with Lithium Ion batteries.

Extending the battery life
The Transmitr battery is a long-life system. The expected life of the battery is 300 to 400 charges. To extend the battery life, store it in a mostly-charged (not fully-charged) condition at room temperature, and avoid extreme temperatures when recharging.

Storing a battery
When not using the light for long periods of time such as a week or more, store it at room temperature in a dry place. Avoid moisture, or extreme hot or cold.
Store the light with the battery in the charged condition. Battery life will decrease if the battery is stored in a fully-discharged condition.

Disposing of a battery
Under normal conditions, this battery should last for 300 to 400 charges. The battery will eventually lose strength. When the charge no longer lasts as long as it should, please recycle the old battery. You can find out where to do this at call2recycle: http://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 recycling, 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.
1. Transmitr Remote

The Transmitr Remote is a convenient collection of buttons you can mount to your handlebar or stem. The buttons allow you to control any Transmitr light (designated ‘RT’) or ANT+ enabled light.

What's in the box

These items are shown in Figure 1.2:
   a. Transmitr Remote
   b. 22mm handlebar adapter
   c. Bracket
   d. Mounting screw for bracket
   e. CR2032 coin cell battery (installed)
   f. Mounting screws for remote

Positions for the remote

There are several positions of the remote from which to choose:
   • In front of handlebar (Figure 1.3)
   • Behind handlebar (Figure 1.4)
   • With the controls (Figure 1.5)

Your placement of the remote will depend on your personal preference and the clearance with the shift levers on your handlebar.
1.1 How to pair the remote

Before starting, place the remote and all lights within a small area.

**NOTE:** Move 15 feet from other Transmitr/ANT+ compatible lights to prevent accidental pairing. If a light is accidentally paired, start the pairing process over.

**To pair the remote**

1. Place the light close to the Transmitr Remote (within 15cm / 6in) (Figure 1.1.1).

2. Quick-press the power button on the light to turn it on (Figure 1.1.2), 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. (Figure 1.1.3).

4. While the remote searches for a light, the center button flashes red. When the 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 corner button on the Transmitr Remote to which you would like to pair the light. The selected button will glow, and the found (and 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.
If pairing to additional lights
Up to seven lights can be paired to the Transmitr Remote at any time, but this must be done as a single process.

After pairing the first light, the center button of the remote flashes red. If the remote finds another light, the center button on the remote will flash green again and the next found light will also flash.

1. Repeat Step 4 and Step 5 for each additional light to be paired.
   **NOTE:** After pairing is finished, pairing any additional lights will require that you repeat the entire pairing procedure.

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 to turn on all paired lights.
2. Press-and-hold the center button to turn off all of them.
3. Turn on each light individually. Quick-press each paired button on the remote to turn on the individual light(s).
4. Press-and-hold the same button to turn off the light.

1.2 How to install the remote
After pairing the lights, install the remote.

1. If it is not already installed, attach the remote to the bracket with the included screws (Figure 1.2.1).

2. Choose a location. The most common are shown on page 1. Make sure your chosen location does not interfere with the operation of the controls or get caught in the cable housing when you turn the handlebar from side to side.

3. If you are installing the remote on a handlebar with a 22mm diameter, place the adapter on the handlebar.
   **NOTE:** The adapter is not necessary when attaching the remote near the center of a handlebar with a 31.8mm diameter.

4. Attach the bracket.

**FIGURE 1.2.1**
Parts of Transmitr Remote
a. Transmitr Remote
b. 22mm handlebar adapter
c. Bracket
d. Mounting screw for bracket
e. CR2032 coin cell battery (installed)
f. Mounting screws for remote
1.3 How to control modes and features
Each time you quick-press a button, you will change the mode and the remote buttons (Figure 1.3.1) will provide an indication of the mode and battery power of the light.

To turn on and turn off high beam
1. While the headlight(s) are turned on, quick-press the center button on the remote to change the light to High mode.
2. To return to the previous mode, quick-press the center button.

If the headlights are already in High mode, quick-press the center button to return to the previous setting.

To configure a turn signal
Configure a turn signal according to the light's user manual. For the Flare RT, see page 14.

To activate a turn signal
1. Quick-press the corresponding button. The activated button will flash, indicating the turn signal is turned on.
2. To turn off the turn signal, press-and-release the button again.

To turn on and turn off all lights
1. Quick-press the center button. All lights will turn on.
2. To turn off all lights, press-and-hold the center button.

NOTE: When you press a button that is paired to a light, the button will glow.

To turn on and turn off an individual light
1. Quick-press the corner button that controls the light.
2. To turn off the light, press-and-hold the corner button that controls the light.

To change modes of an individual light
1. Quick-press the paired button to select the desired mode of the corresponding light.

NOTE: The modes will select in the same order as the manual operation of the light.
1.4 Battery power indicators for paired lights
If a corner button on the remote is pressed, it will glow. At the same time, the center button shows the battery power for that light. Table 1 shows the meaning of each condition of the center button.

### TABLE 1. BATTERY POWER INDICATION

<table>
<thead>
<tr>
<th>Center Button</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>More than 25% battery power remaining</td>
</tr>
<tr>
<td>Red</td>
<td>Between 5% and 25% battery power remaining</td>
</tr>
<tr>
<td>Flashing Red</td>
<td>Less than 5% battery power remaining</td>
</tr>
</tbody>
</table>

1.5 Transmitr Remote battery
The battery in the Transmitr Remote is not rechargeable. It uses a ‘coin-type’ CR2032 battery.

**How to replace the battery in the Transmitr Remote**

1. Remove the screw from the underside of the bracket, and remove the bracket (Figure 1.3.1).
2. Remove the two screws that hold the Transmitr Remote to the bracket, and remove the remote.
3. With a coin, twist off the battery door.
4. Note the orientation of the battery (+ side is visible) and remove it.
5. Install a new battery.
6. Replace the battery door.
7. Attach the Transmitr Remote to the bracket.
8. Attach the bracket to the handlebar.
## 1.5 Troubleshooting

Table 2 discusses possible problems with the Transmitr Remote, and provides solutions.

**TABLE 2: POSSIBLE PROBLEMS AND SOLUTIONS FOR THE TRANSMITR REMOTE**

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remote is unresponsive</td>
<td>Battery is not making contact</td>
<td>Reinstall the battery</td>
</tr>
<tr>
<td></td>
<td>Battery is dead</td>
<td>Attempt to put the remote into pairing mode. If no light turns on, replace the battery</td>
</tr>
<tr>
<td>Light won’t pair to a remote</td>
<td>Light not ANT+</td>
<td>Verify that the light supports ANT+ wireless control.</td>
</tr>
<tr>
<td></td>
<td>Battery in light is dead</td>
<td>Verify that the battery has power by turning it on and off</td>
</tr>
<tr>
<td></td>
<td>The wireless transmitter in the light is not activated</td>
<td>Turn the light on and off</td>
</tr>
<tr>
<td></td>
<td>Light too far from remote</td>
<td>Move the light within 15cm (6in) of the remote</td>
</tr>
<tr>
<td></td>
<td>Remote is not in pairing mode</td>
<td>In pairing mode, if the remote has not found a light, the center button flashes red. If it has found a light, the center button flashes green</td>
</tr>
<tr>
<td></td>
<td>Remote found a different light</td>
<td>If the center button is flashing green and the light has not changed to a flashing mode, move at least 3.3m (10ft) away from any ANT+ lights, then restart pairing mode</td>
</tr>
<tr>
<td></td>
<td>Light is unresponsive</td>
<td>Reset the light: hold down the power button for 10 seconds (Ion 700 RT) or 30 seconds (Flare RT). Turn on and off</td>
</tr>
<tr>
<td></td>
<td>During pairing it takes more than 1 minute for the remote to find a light (i.e. Switch from Red to Green)</td>
<td>WiFi networks and other RT lights can create interference and affect pairing. Move at least 3.3m (10ft) away from any ANT+ lights and/or to an area with weak or no WiFi signal then restart pairing mode</td>
</tr>
<tr>
<td><strong>Symptom</strong></td>
<td><strong>Problem</strong></td>
<td><strong>Solution</strong></td>
</tr>
<tr>
<td>------------------------------</td>
<td>--------------------------------------</td>
<td>-----------------------------------------------------</td>
</tr>
<tr>
<td>Remote stopped controlling a light</td>
<td>Battery in light is dead</td>
<td>Recharge the battery</td>
</tr>
<tr>
<td></td>
<td>Light is too far away</td>
<td>Move to within 3.3m (10ft) of the light</td>
</tr>
<tr>
<td></td>
<td>New pairing session erased previous pairing</td>
<td>Pair all desired lights in the same pairing session</td>
</tr>
<tr>
<td></td>
<td>Functional configuration of light was changed</td>
<td>Perform pairing procedure again</td>
</tr>
<tr>
<td></td>
<td>Low battery power</td>
<td>Replace the battery in the remote</td>
</tr>
<tr>
<td></td>
<td>Remote stopped responding when entering or exiting standard or turn signal mode</td>
<td>Pair remote again when put into a new configuration</td>
</tr>
</tbody>
</table>
2. Ion 700 RT

The Ion 700 RT is a ‘To see’ headlight with 700 lumens of output. It can be operated as a stand-alone headlight whether it is paired to the Transmitr Remote or operated by itself. The light can be placed on the handlebar or on the helmet, or both (Figure 2.1). Figure 2.2 shows the parts of the light referenced in the instructions.

2.1 How to charge the light

The Ion 700 RT comes with a full charge. However, for the highest performance you should charge it for 5 hours before your first use.

To charge the light

1. Plug the micro-USB cable into the Ion 700 RT (Figure 2.1.1).
2. Plug the other end of the micro-USB into a wall converter.
3. Plug the converter into a wall socket.

Status indicator while charging

While charging, the status indicator will flash:

- Red: Actively charging
- Green: Charging complete

NOTE: As the battery progresses from zero charge to full charge, the duration of the flashes will get progressively longer.

What’s in the box

The Ion 700 RT includes the parts shown in Figure 2.3:

a. Ion 700 RT
b. Sync bracket
c. Micro-USB cable

2.1.1 Charging the Ion 700 RT

FIGURE 2.1
Ion 700 RT on helmet and handlebar

Note: Bontrager Universal Helmet Mount Part Number 503062 optional attachment for Ion lights.

FIGURE 2.2
Parts of Ion 700 RT:
  • Power button
  • Status indicator

FIGURE 2.3
Package contents of Ion 700 RT
2.2 How to install the light
The Ion 700 RT is intended to attach to the handlebar with the sync bracket.

NOTE: The Sync bracket diameter adjusts for use with 22.2-35mm bars.

To attach with the Sync bracket
1. Loosen the screw at the top of the bracket.
2. Adjust the hook to fit the handlebar, and tighten the screw.
   The Sync bracket fits handlebars with diameters from 22.2mm to 35mm. Marks on the adjustment hook indicate the diameter of the handlebar (Figure 2.2.1).
3. Place the bracket on your handlebar with the hook facing up, and pull the strap around the post until you can attach it to the hook (Figure 2.2.2).
4. Slide the light into the bracket until it clicks.
5. Adjust the light so that it is shining parallel to the ground and straight back.

FIGURE 2.2.1
Adjustment marks for hook length

2.3 How to operate the light
The Ion 700 RT can be operated as a stand-alone headlight, whether it is paired to the Transmitr Remote or operated on its own.

To turn on and turn off
1. To turn on the light, quick-press the power button. The power button glows to show the remaining battery power (see Table 4).
2. To turn off the light, press-and-hold the power button.

To change mode
1. Quick-press the power button. Each press moves to the next mode (see Table 3).

TABLE 3. MODES OF THE ION 700 RT

<table>
<thead>
<tr>
<th>Mode</th>
<th>Light output</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>700 lumens</td>
</tr>
<tr>
<td>Medium</td>
<td>450 lumens</td>
</tr>
<tr>
<td>Low</td>
<td>200 lumens</td>
</tr>
<tr>
<td>Flash/150</td>
<td>Flash with steady component to reduce eye strain</td>
</tr>
<tr>
<td>Day Flash/200</td>
<td>Ultra-high flash and random pattern</td>
</tr>
<tr>
<td>High Beam*</td>
<td>Brightness is increased to 100% with quick-press of remote center button, press again returns to previous mode</td>
</tr>
<tr>
<td>Low Battery Strobe</td>
<td>When remaining battery power is less than 5%, changes to strobe. Lasts 1-2 hours.</td>
</tr>
</tbody>
</table>
Memory-on feature
When turned on, the Ion 700 RT will return to the last active mode.

Battery power indicators
The status indicator shows the remaining battery power. Table 4 shows the meaning of the colors.

TABLE 4. BATTERY POWER INDICATION

<table>
<thead>
<tr>
<th>Status indicator</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>More than 25% battery power remaining</td>
</tr>
<tr>
<td>Red</td>
<td>Between 5% and 25% battery power remaining</td>
</tr>
<tr>
<td>Blinking Red</td>
<td>Less than 5% battery power remaining</td>
</tr>
</tbody>
</table>

2.4 Troubleshooting
Table 5 discusses possible problems with the Ion 700 RT, and provides solutions.

TABLE 5: POSSIBLE PROBLEMS AND SOLUTIONS FOR THE ION 700 RT

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light won’t pair to a remote</td>
<td>Light transmitter not activated</td>
<td>Turn the light on and off</td>
</tr>
<tr>
<td></td>
<td>Light is too far away</td>
<td>Move to within 15cm (6 in) of the remote</td>
</tr>
<tr>
<td></td>
<td>Light is unresponsive</td>
<td>Reset the light: hold down the power button for 10 seconds. Turn on and off</td>
</tr>
</tbody>
</table>
3. Flare RT

The Flare RT is a taillight with 65 peak lumens of output. It can be operated as a stand-alone taillight whether it is paired to the Transmitr Remote or operated by itself. The light can be placed on the seat post, seat stay or a seat pack (Figure 3.1). Figure 3.2 shows the parts of the light referenced in the instructions.

3.1 How to charge the light

The Flare RT comes with a full charge. However, for the highest performance you should charge it for 2.5 hours before your first use.

To charge the light

1. Plug the micro-USB cable into the Flare RT (Figure 3.1.1).
2. Plug the other end of the cable into a USB-A charge port.

Status indicator during charging

While charging, the status indicator will flash:
- Red: Actively charging
- Green: Charging has completed

NOTE: As the battery progresses from zero charge to full charge, the duration of the flashes will get progressively longer.

What’s in the box

a. Flare RT
b. Sync bracket
c. Micro-USB cable
d. Seat stay mount
e. Seat pack clip
3.2 How to install the light
You can attach the Flare RT to the bicycle in several ways:

To attach with the Sync bracket
1. For instructions on installing, see “To attach with the Sync bracket”, page 9.
2. Place the bracket on your seatpost with the hook on the left (non-drive) side of the bike, and pull the strap around the post until you can attach it to the hook (Figure 2.2.2, page 9).
3. Slide the light into the bracket until it clicks (Figure 3.2.1).
4. Adjust the light so that it is shining parallel to the ground and straight back.

NOTE: If the hook is on the left but the light is tipped downward: Remove the light, loosen the screw at the top of the bracket, and rotate the platform 180 degrees. Reattach the light.

To attach with the seat pack clip
Attach the seat pack clip for use with seat bags or racks.

To attach with the seat stay bracket
Use the rubber shims to attach to varying diameter seat stays. Place bracket around the seatstay (Figure 3.2.3) and tighten the clamp screw until snug.
3.3 How to operate the light
The Flare RT can be operated as a standard taillight, whether it is paired to the Transmitr Remote or operated on its own.

To turn on and turn off
1. To turn on the light, quick-press the power button. The power button glows to show the battery power.
2. To turn off the light, press-and-hold the power button.

To change mode
1. Quick-press the power button. Each press moves to the next mode (see Table 6).

TABLE 6. MODES OF THE FLARE RT

<table>
<thead>
<tr>
<th>Mode</th>
<th>Light output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daytime Flash</td>
<td>65 lumen random bursts for 5.75 hours</td>
</tr>
<tr>
<td>Nighttime Flash</td>
<td>Always on with 65 lumen short duration bursts for 23 hours</td>
</tr>
<tr>
<td>Daytime Steady</td>
<td>25 lumens for 4.25 hours</td>
</tr>
<tr>
<td>Nighttime Steady</td>
<td>5 lumens for 21 hours</td>
</tr>
<tr>
<td>Low Battery Strobe</td>
<td>When remaining battery power is less than 5%, changes to strobe. Lasts 1-2 hours.</td>
</tr>
</tbody>
</table>

Memory-on feature
When turned on, the Flare RT will return to the last active mode.

Battery power indicators
The status indicator shows the remaining battery power. Table 7 shows the meaning of the colors.

TABLE 7. BATTERY POWER INDICATION

<table>
<thead>
<tr>
<th>Status indicator</th>
<th>Meaning</th>
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<tbody>
<tr>
<td>Green</td>
<td>More than 25% battery power remaining</td>
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<tr>
<td>Red</td>
<td>Between 5% and 25% battery power remaining</td>
</tr>
<tr>
<td>Blinking Red</td>
<td>Less than 5% battery power remaining</td>
</tr>
</tbody>
</table>
3.4 Turn Signals
With the addition of a second Flare RT light, you can configure the Transmitr system to provide turn signals, with these suggestions and requirements:

- Use only two taillights at a time
- Place each light on the same side as its corresponding button on the remote

**NOTE:** Turn Signal configuration limits the Flare RT to two specific modes: Steady-Low (primary mode) and Flashing (activated when turning). If the configuration is changed, all lights must be paired to the remote again.

### To install Flare RT lights as turn signals
To maximize the visibility of the turn signals, separate the lights by installing them on the seat stays.

1. Determine a position for the lights. The seat-stay brackets can be placed anywhere below the brakes, and they should be level with each other. Make sure the lights cannot interfere with the brakes.
2. Attach the brackets.
3. Attach the lights.
4. Adjust the lights so that they direct the light parallel to the ground.

### To operate turn signals
1. Quick-press the corresponding button. The activated button will flash, indicating the turn signal is turned on.
2. To turn off the turn signal, press-and-release the button again.

**FIGURE 3.4.1** Flare RT turn signal

### To configure Flare RT lights as turn signals
1. With the light turned off, press-and-hold the power button for 10 seconds.
2. When the side lights turns on, release the button. The configuration is now changed.
3. Verify that the light is in turn signal configuration by cycling the modes (quick-press the power button repeatedly). There should be only two modes: steady and flash.
4. Repeat these steps for the second Flare RT light.
5. Follow the instructions in “How to pair the remote”, page 2

**NOTE:** Changing the configuration requires that all the lights in the system be paired again.

- To take a light out of turn signal configuration, press-and-hold the power button for 10 seconds.

- To take a light out of turn signal configuration, press-and-hold the power button for 10 seconds.
3.5 Troubleshooting
Table 9 discusses possible problems with the Flare RT, and provides solutions.

**TABLE 9: POSSIBLE PROBLEMS AND SOLUTIONS FOR THE FLARE RT**

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light won’t pair to a remote</td>
<td>Light is not turned on</td>
<td>Turn on light</td>
</tr>
<tr>
<td></td>
<td>Light too far away</td>
<td>Place the light within 15cm (6in) of the remote</td>
</tr>
<tr>
<td></td>
<td>Light is unresponsive</td>
<td>Reset the light: hold down the power button for 30 seconds</td>
</tr>
</tbody>
</table>

**Statements of Regulatory Compliance**

**FCC Compliance**

**Transmitr Remote** - FCC ID: 04GTKRMTE

**Ion 700 RT Head Light** - FCC ID: 2ADH7I97371576

**Flare RT Tail Light** - FCC ID: 2ADH7Q97371576

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 received, 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 a particular installation.

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:

- Reorient 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.

**NOTES:**

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE MANUFACTURER OF THIS DEVICE COULD VOID THE USER'S AUTHORITY TO OPERATE THE DEVICE.
Industry Canada Compliance

Bontrager Transmitter Remote - (P/N 502865),
CAN ICES-3(B)/NMB-3(B) IC: 7666A-REMOTE
Bontrager Ion 700 RT Head Light - (P/N 503062),
CAN ICES-3(B)/NMB-3(B) IC: 12468A-I97371576
Bontrager Flare RT Tail Light - (P/N 438818),
CAN ICES-3(B)/NMB-3(B) IC: 12468A-Q97371576

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d’Industrie Canada applicable aux appareils radio. Exempts de licence. L’exploitation est autorisée aux deux conditions suivantes:
(1) l’appareil ne doit pas produire de brouillage, et (2) l’utilisateur de l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.

This Bontrager Transmitter equipment complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. The radiated output power of the Transmitter Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. This equipment is in direct contact with the body of the user under normal operating conditions. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Status of the listing in the Industry Canada’s REL (Radio Equipment List) can be found at the following web address:

Additional Canadian information on RF exposure also can be found at the following web address:

Cet appareil est conforme aux limites d’exposition à la fréquence radio (FR) d’IC et de FCC. La puissance de sortie émise par l’appareil de sans fil Transmitter est inférieure à la limite d’exposition aux fréquences radio d’Industry Canada (IC). Cet appareil est en contact direct avec l’utilisateur dans des conditions normales d’utilisation. L’émetteur ne doit pas être co-implémenté ou utilisé conjointement avec une autre antenne ou un autre émetteur.

Ce périphérique est homologué pour l’utilisation au Canada. Pour consulter l’entrée correspondant à l’appareil dans la liste d’équipement radio (REL - Radio Equipment List) d’Industry Canada rendez-vous sur:

Pour des informations supplémentaires concernant l’exposition aux RF au Canada rendez-vous sur:

European Union Compliance

Trek Bicycle Corporation and Bontrager hereby declare that the wireless devices identified as ‘Transmitr’ (Transmitr Remote, Flare RT, Ion700 RT) are in compliance with the following European Directives:
- R&TTE Directive 1999/05/EC
- EMC Directive 2004/108/EC
- Low Voltage Directive 2006/95/EC
- 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.bontrager.com/support

Korean Compliance

인증자 상호: 트렉바이사이클 코리아 기기의 명칭: 특정소출력무선기기 (무선데이터통신시스템용 무선기기 모델명: TRANSMITR

인증자 식별부호: MSIP-CRM-D99-TRANSMITR

당해 무선기는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.
추가적인 정보나 한글 설명서는 웹사이트 www.bontrager.com에서 확인하실 수 있습니다.

인증자 상호: 트렉바이사이클 코리아 기기의 명칭: 특정소출력무선기기 (무선데이터통신시스템용 무선기기 모델명: FLARE RT

인증자 식별부호: MSIP-CRM-T3B-438818

당해 무선기는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.
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인증자 상호: 트렉바이사이클 코리아 기기의 명칭: 특정소출력무선기기 (무선데이터통신시스템용 무선기기 모델명: ION700 RT

인증자 식별부호: MSIP-CRM-T3B-503062

당해 무선기는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.
추가적인 정보나 한글 설명서는 웹사이트 www.bontrager.com에서 확인하실 수 있습니다.

Warranty

The Bontrager Transmitter Remote, Ion 700 RT headlight, and Flare RT taillight are covered by a warranty. For details, visit www.bontrager.com