INTRODUCTION

Before using the light, be sure to thoroughly read this instruction manual and accompanying “Lithium-ion Batteries”. This product combines high-power LEDs, Cateye Opticube lens technology, and compact lithium ion battery to produce a super bright, extremely durable high-performance light.

HOW TO MOUNT

1 Installing Bracket

Attach the bracket to the handlebar.
1. Wrap the bracket strap around the handlebar, and put it in the dial.
2. Securely tighten the strap by turning the dial.
   CAUTION!: • Make sure to tighten the dial by hand. If you tighten it too hard with a tool, the screw threads may be stripped. • When the angle adjustment on the right and left sides is loose, tighten the screw.
3. Cut off the excess bracket strap extending from the dial.
   CAUTION!: Round off the cut edge of the bracket strap to prevent injury.

2 Attaching/removing the Light unit

• Attaching/removing the Light unit
Slide the light unit into the bracket as shown.
To remove unit after use, pull it out while pressing the button on the bracket.
   CAUTION!: Make sure the light unit is cool to the touch before removing it.

• Attaching/removing the switch
Attach the switch to the handlebar as shown.
   CAUTION!: Mount the switch unit where it does not interfere with the handling of the bicycle. Make sure that it is securely mounted.
1. Hold the switch at the mounting position and hook the strap on the switch from under the bar.

3 Installing Battery unit

Mount the battery unit onto the bicycle frame as shown.
1. Put the battery unit through the loop of the fixing strap.
   CAUTION!: Check that the position of the fixing strap is within the installation range of the battery rubber pad of the battery unit.
2. Secure the battery unit by wrapping the fixing strap around the toptube so that the battery rubber pad comes into contact with the frame.
   CAUTION!: Do not wrap the fixing strap from above the cables. Doing so is dangerous because it may interfere with braking and gear shifting.

4 Connecting and Securing cables

Connect the light unit with the battery as shown.
1. Connect the plug of the light unit to the battery unit as shown in the figure.
   CAUTION!: Slide the ring of the plug forward and turn it to lock the plug. It must remain locked when in use.
2. Fix the cables to your frame and/or stem to keep them secured.
   CAUTION!: • Pay attention to the arrangement of the cable so that it does not interfere with the handling of the bicycle. Do not secure the cable at an acute angle because the wire inside the cable may break. • Adjust the beam angle according to “How to Adjust the Beam Angle” in this manual.
**HOW TO USE**

### A Switching on/off

Use the switch to switch between Hi and Low beams.

**NOTE:** The switch becomes hot while using the light unit. This is normal.

<table>
<thead>
<tr>
<th>Switch</th>
<th>Run time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press: Hi → Low → Turn off</td>
<td>Approx. 2.5 hours (Hi mode)</td>
</tr>
<tr>
<td>Long press: Turn off</td>
<td><em>The run time varies with the environment or conditions in which it is used.</em></td>
</tr>
</tbody>
</table>

### B How to Adjust Beam Angle

Adjust the beam angle to avoid dazzling oncoming traffic by slightly loosening the dial of the bracket.

**NOTE:**
- Do not loosen the dial too much, or the bracket strap may come off. Loosen the dial just enough to allow the bracket to move slightly. Securely tighten the dial after adjusting the strap.
- It can also be adjusted 10 degrees to the left and right.

### C How to Charge Battery unit

#### 1 Important!
- If the battery unit is wet, wipe dry with a dry cloth before charging the batteries.
- Be sure to use only the supplied battery charger. This charger can accept 100-240 volts.
- If the charging indicator flashes green, there is a short somewhere in the circuit. Unplug the charger and remove the cause.
- If the charging indicator turns green a few minutes after charging begins or if the indicator continues a fast green flashing, stop charging, unplug the charger from the outlet, and do steps 1 and 2.
- If the same result occurs repeatedly, the batteries may be deteriorated.
- The standard charging time and run time are guideline values and depend on the operating environment.
- If the battery unit repeatedly does not meet the proper run time even though it is fully charged, it might be at the end of its operating life. Replace the old battery unit with a new one. The used battery unit should be disposed of properly according to local regulations.

1. Plug the battery charger to an AC outlet.
2. Connect the plug of the battery charger to the plug of the battery unit.
3. After charging is complete, make sure to unplug the charger from the AC outlet.

<table>
<thead>
<tr>
<th>Charging indicator state</th>
<th>Standard charging time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red light / Blinking green light : Charge error</td>
<td>Approx. 5 hours</td>
</tr>
<tr>
<td>Red light / Red light : Charging</td>
<td></td>
</tr>
<tr>
<td>Red light / Green light : Charging is completed</td>
<td></td>
</tr>
</tbody>
</table>

#### 2-8-25, Kuwazu, Higashi Sumiyoshi-ku, Osaka

### CATEYE

<table>
<thead>
<tr>
<th>Light unit</th>
<th>Battery unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 High-Power White LEDs</td>
<td>Rechargeable lithium-ion battery/7.4V, 4600mAh</td>
</tr>
</tbody>
</table>

### Battery charger

- Lithium-ion battery charger
- CHR-2300/4600mAh Li-ion (AC 100V-240V 50/60Hz)

### Charge the batteries with the plug locked.
- When charging is complete, the indicator light changes from flashing red three times as the power lamp turns red.
- The standard charging time and run time are guideline values and depend on the operating environment.
- The color of the battery indicator built into the switch shows how much battery is left.

### Remaining Battery

**NOTE:** When the battery indication becomes red, charge the batteries as soon as possible.

**GUARANTEE..**

### CAUTION:
- Use only genuine spare parts from CATEYE.
- Do not loosen the dial too much, or the bracket strap may come off. Loosen the dial just enough to allow the bracket to move slightly. Securely tighten the dial after adjusting the strap.
- If the connecting plug is dirty, clean it with the plug locked.
- This product is water-resistant under normal daily use and can be used in the rain. However, do not intentionally submerge it in water.
- We recommend carrying a flashlight or spare battery unit with you in case the main battery dies.
- Place the switch at least 20 cm away from any wireless meter, as transmitting and receiving performance may be adversely affected.

### Before Initial Use

The battery is shipped with a small charge, that is used to test the unit at the factory. It is necessary to charge the battery before initial use. (Refer to the “How to Charge” section in this manual.)

### SPECIFICATIONS

- **Light source:** Three High-Power White LEDs
- **Battery unit:** Rechargeable lithium-ion battery/7.4V, 4600mAh
- **Battery charger:** CHR-2300/4600mAh Li-ion (AC 100V-240V 50/60Hz)

### How to Charge Battery unit

1. **PLUG THE BATTERY CHARGER TO AN AC OUTLET**
2. **CONNECT THE PLUG OF THE BATTERY CHARGER TO THE PLUG OF THE BATTERY UNIT**
3. **AFTER CHARGING IS COMPLETE, MAKE SURE TO UNPLUG THE CHARGER FROM THE AC OUTLET.**

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