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› [Gaciron](#) /

› Gaciron V20CH-600 Bicycle Helmet Light User Manual

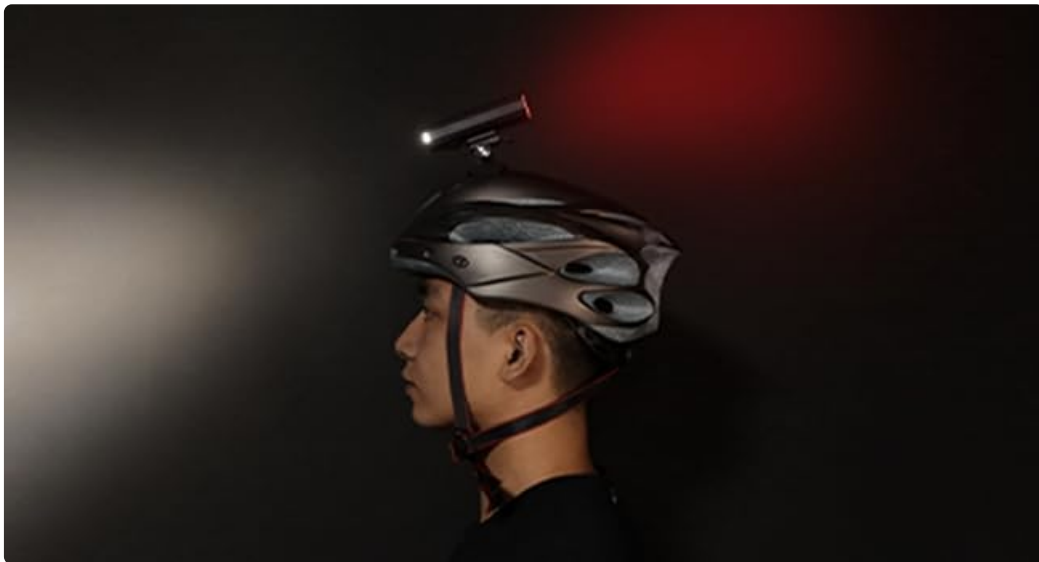
## Gaciron V20CH-600

# Gaciron V20CH-600 Bicycle Helmet Light User Manual

Model: **V20CH-600** | Brand: **Gaciron**

## 1. INTRODUCTION

Thank you for choosing the Gaciron V20CH-600 Bicycle Helmet Light. This product is designed to enhance your cycling safety with its integrated front and rear lighting system, specifically optimized for helmet mounting. It features high brightness, multiple modes, a lightweight design, and robust waterproofing. Please read this manual carefully before use to ensure proper installation, operation, and maintenance.



The V20CH-600 features an integrated design with both front (white LED) and rear (red COB) lights for comprehensive visibility.

The V20CH-600 bicycle light features side lights, allowing the emitted light to spread and flood, thereby expanding your cycling visibility. The flood angle of the bicycle headlight is greater than 118 degrees, ensuring no blind spots and enhanced safety during your rides.



Side light design provides a wide beam angle of over 118 degrees for improved peripheral visibility.

## 2. WHAT'S IN THE BOX

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Please check the package contents upon receipt:

- 1 x Gaciron V20CH-600 Bicycle Front Light
- 1 x H15P Bicycle Helmet Light Mount
- 1 x Mounting bracket base
- 1 x 15 cm Micro-USB charging cable



All components included in the Gacron V20CH-600 package.

### 3. SETUP AND INSTALLATION

The V20CH-600 is designed for easy helmet mounting using the included H15P mount.

1. **Attach the H15P Mount:** Secure the H15P helmet mount to your bicycle helmet. Ensure it is firmly attached and positioned to provide optimal forward and rear visibility.
2. **Mount the Light:** Slide the V20CH-600 light onto the H15P mount until it clicks into place. Verify that the light is securely fastened and does not wobble.
3. **Adjust Angle:** Adjust the angle of the light to ensure the front beam illuminates the path ahead and the rear light is clearly visible to traffic behind you.

# RESISTENTE AL AGUA IPX4



The V20CH-600 light securely attached to a helmet, showing its compact profile.

# Brillo Máximo de 600 Lúmene



Outdoor view of the helmet-mounted light, ready for use.

## 4. OPERATING INSTRUCTIONS

The V20CH-600 features two control buttons for independent or simultaneous operation of the front and rear lights. Each light source has four brightness modes.

### Power On/Off and Mode Selection:

- **Front Light Control:** Press the front button to cycle through the front light modes (Low, Medium, High, Flash). Press and hold to turn off.
- **Rear Light Control:** Press the rear button to cycle through the rear light modes (Low, Medium, High, Flash). Press and hold to turn off.

- **Combined Operation:** Both lights can be operated independently or simultaneously.

Brightness Modes and Run Time:

The maximum lumen output for the LED front light is 500, and for the COB rear light is 100. When both operate together, the V20CH-600 lights can reach 600 lumens.

| Modo                  |  Lúmenes |       |  Tiempo | ciclo |
|-----------------------|-------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------|-------|
| MODO DE LUZ CONSTANTE | Brillo bajo                                                                               | 100lm | 8 horas 20 minutos                                                                       |       |
|                       | Brillo medio                                                                              | 250m  | 3 horas 20 minutos                                                                       |       |
|                       | Brillo alto                                                                               | 500lm | 1 horas 55 minutos                                                                       |       |
|                       | Destello de brillo bajo                                                                   | 100lm | 10 horas 50 minutos                                                                      |       |
| MODO DESTELLO         | Luz constante(luz blanca)                                                                 | 100lm | 10 horas                                                                                 | ciclo |
|                       | Luz destello(luz blanca)                                                                  | 100lm | 63 horas 20 minutos                                                                      |       |
|                       | Luz constante(luz roja)                                                                   | 5lm   | 40 horas                                                                                 |       |
|                       | Luz destello(luz roja)                                                                    | 5lm   | 81 horas 40 minutos                                                                      |       |

Detailed table of constant and flash modes, lumen output, and approximate run times.

Brightness Modes and Run Time (Approximate)

| Mode                         | Lumens | Run Time            |
|------------------------------|--------|---------------------|
| Constant Light Modes (Front) |        |                     |
| Low Brightness               | 100lm  | 8 hours 20 minutes  |
| Medium Brightness            | 250lm  | 3 hours 20 minutes  |
| High Brightness              | 500lm  | 1 hour 55 minutes   |
| Flash Modes (Front)          |        |                     |
| Low Brightness Flash         | 100lm  | 10 hours 50 minutes |
| Constant Light (White)       | 100lm  | 10 hours            |
| Flash Modes (Rear)           |        |                     |
| Constant Light (Red)         | 5lm    | 40 hours            |
| Flash Light (Red)            | 5lm    | 81 hours 40 minutes |

5. CHARGING

The V20CH-600 has a built-in 2500 mAh rechargeable battery and is charged via a Micro-USB cable.

- Connect the Micro-USB cable to the charging port on the light.
- Connect the other end of the cable to a USB power source (e.g., computer, wall adapter).
- An indicator light will show the charging status. It typically turns red while charging and green when fully charged.
- Charging time is approximately 3-4 hours.



The light is easily rechargeable via the included Micro-USB cable.

## 6. MAINTENANCE

- **Cleaning:** Wipe the light body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Water Resistance:** The light has an IPX4 waterproof rating, making it resistant to splashes and light rain. Avoid submerging the light in water.
- **Storage:** Store the light in a cool, dry place when not in use. If storing for an extended period, charge the battery every 3-6 months to maintain battery health.



The IPX4 rating ensures the light is resistant to water splashes and rain.

## 7. TROUBLESHOOTING

- **Light not turning on:**
  - Ensure the battery is charged.
  - Press and hold the power button for a few seconds to ensure it's not just a short press.
- **Light not charging:**
  - Check the Micro-USB cable for damage and ensure it's properly connected.
  - Try a different USB power source.

- **Light flickering or dim:**
  - The battery might be low; recharge the light.
  - Ensure the lens is clean.
- **Mount not holding securely:**
  - Ensure the H15P mount is correctly installed on the helmet.
  - Verify the light is fully clicked into the mount.

## 8. SPECIFICATIONS

| Feature                        | Detail                               |
|--------------------------------|--------------------------------------|
| Model Number                   | V20CH-600                            |
| Brand                          | Gaciron                              |
| Maximum Luminous Power         | 600 Lumens (500lm Front, 100lm Rear) |
| Number of Settings             | 8 (4 Front, 4 Rear)                  |
| Power Source                   | Battery (1 Lithium Ion, included)    |
| Battery Capacity               | 2500 mAh                             |
| Charging Type                  | Micro-USB                            |
| Water Resistance Level         | IPX4 (Resistant to water splashes)   |
| Product Weight                 | 106 Grams                            |
| Product Dimensions (L x W x H) | 10.5 x 3.6 x 3.1 cm                  |
| Mounting Type                  | Helmet Mount (H15P included)         |
| Material                       | Plastic                              |
| Color                          | White                                |
| Country of Origin              | China                                |

## 9. WARRANTY AND SUPPORT

**Product Warranty:** The Gaciron V20CH-600 comes with a 1-Year Warranty from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

**Customer Support:** For any questions, technical assistance, or warranty claims, please contact Gaciron customer

support through the retailer where you purchased the product or visit the official Gaciron website for contact information.

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**ASK A QUESTION ABOUT THIS MANUAL**

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question