

## GearLight S400 Pro

# GearLight S400 Pro Bike Light Set

## INSTRUCTION MANUAL

### 1. Product Overview

The GearLight S400 Pro is a comprehensive LED bike light set designed for enhanced visibility and safety during night riding and daily cycling. This set includes a 400-lumen LED bicycle headlight and a matching rear light, providing illumination for the road ahead and ensuring visibility to others.

Key features include:

- **Front and Back Set:** Complete headlight and tail light for all-around visibility.
- **USB Rechargeable:** Both lights feature built-in rechargeable batteries, eliminating the need for disposable batteries.
- **Multiple Light Modes:** The front light offers 5 modes, and the rear light provides 4 modes for various riding conditions.
- **Quick Universal Mount:** Tool-free installation for easy attachment and removal.
- **Water-Resistant & Durable:** Constructed with aluminum and plastic housing, rated IPX4 for use in wet conditions.



Image: The GearLight S400 Pro Bike Light Set, including the front headlight and rear tail light, along with USB charging cables.

## 2. What's in the Box

Your GearLight S400 Pro Bike Light Set package should contain the following items:

- Rechargeable Front Bike Light (Headlight)
- Rechargeable Rear Bike Light (Tail Light)
- 2 x USB Charging Cables

# COMPLETE

# CYCLING SAFETY SYSTEM



Image: The complete contents of the GearLight S400 Pro Bike Light Set, including the headlight, tail light, and two USB charging cables.

## 3. Setup & Installation

The GearLight S400 Pro bike lights feature a quick universal mount for tool-free installation on most bicycles.

### 3.1. Initial Charge

Before first use, fully charge both the front and rear lights. Connect the provided USB charging cables to the charging ports on each light and to a USB power source (e.g., computer, wall adapter). The indicator light will change to show charging status (typically red for charging, green for fully charged).

### 3.2. Mounting the Front Light

1. Position the front light mount on your bicycle's handlebar.
2. Wrap the rubber strap securely around the handlebar.
3. Hook the strap onto the designated latch on the light unit. Ensure the light is firmly attached and facing forward.

### 3.3. Mounting the Rear Light

1. Position the rear light mount on your bicycle's seat post.
2. Wrap the rubber strap securely around the seat post.
3. Hook the strap onto the designated latch on the light unit. Ensure the light is firmly attached and facing backward.

**EASILY INSTALLS**

**IN SECONDS**

**1 CHARGE**   **2 MOUNT**   **3 RIDE**

**FITS ALL STANDARD HANDLEBARS**

Image: Visual guide demonstrating the simple three-step process for installing the bike lights: charging the units, mounting them to the bicycle, and then riding.

Video: Demonstration of the quick and easy installation process for the GearLight S400 Pro bike lights.

## 4. Operation

### 4.1. Front Light (Headlight)

The front light provides 400 lumens of brightness and features 5 lighting modes. Press the power button on top of the light to cycle through the modes:

1. **High:** Maximum brightness for clear illumination.
2. **Medium:** Balanced brightness for general use.
3. **Low:** Reduced brightness for extended battery life.
4. **Strobe with Side Strobe Lights:** Flashing mode with additional side visibility.

5. **High with Side Strobe Lights:** High brightness with additional side visibility.

Press and hold the power button to turn the light off.



Image: The GearLight S400 Pro Front Light illustrating its five distinct lighting modes for various visibility needs.

Video: A brief demonstration of the GearLight S400 Pro front light's various modes and operation.

#### 4.2. Rear Light (Tail Light)

The rear light provides 60 lumens of brightness and features 4 lighting modes. Press the power button on the light to cycle through the modes:

1. **High:** Constant bright red light.
2. **Slow Chase:** Slow, alternating flashing pattern.
3. **Strobe:** Rapid flashing pattern.
4. **Fast Chase:** Fast, alternating flashing pattern.

Press and hold the power button to turn the light off.

**RIDE SAFE**

**STAY VISIBLE**

**60 LUMENS**

**IPX4 WATER RESISTANT**

**4 MODES**

**HIGH** **SLOW CHASE** **STROBE** **FAST CHASE**

Image: The GearLight S400 Pro Rear Light illustrating its four distinct lighting modes for enhanced rear visibility.

Video: A brief demonstration of the GearLight S400 Pro rear light's various modes and operation.

# ILLUMINATES

## THE DARKEST PATHS



Image: A bicycle with the GearLight S400 Pro lights actively illuminating a dark road, showcasing their effectiveness for night riding.

## 5. Charging

Both the front and rear lights are USB rechargeable. Use the provided USB cables to charge the lights. A full charge typically provides up to 10+ hours of runtime on strobe mode for the front light and comparable duration for the rear light, depending on the selected mode.

- Connect the small end of the USB cable to the charging port on the light.
- Connect the larger end of the USB cable to a standard USB power source.
- The charging indicator light will illuminate (e.g., red) during charging and change color (e.g., green) when fully charged.

## 6. Maintenance

To ensure the longevity and optimal performance of your GearLight S400 Pro bike lights, follow these maintenance guidelines:

- **Cleaning:** Wipe the lights with a soft, damp cloth to remove dirt and debris. Avoid using abrasive cleaners or solvents.

- **Water Resistance:** The lights are IPX4 water-resistant, meaning they are protected against splashing water from any direction. They are suitable for use in rain but should not be submerged in water. Ensure the USB port cover is securely closed when not charging to maintain water resistance.
- **Storage:** Store the lights in a cool, dry place when not in use. If storing for an extended period, charge them periodically to maintain battery health.

## 7. Troubleshooting

If you encounter issues with your GearLight S400 Pro bike lights, consider the following:

- **Light Not Turning On:** Ensure the battery is charged. Connect the light to a USB power source and check the charging indicator.
- **Dim Light Output:** A dim light often indicates a low battery. Recharge the light fully.
- **Charging Issues:** Verify that the USB cable is properly connected to both the light and the power source. Try a different USB cable or power source if necessary.
- **Mounting Instability:** Ensure the rubber strap is stretched tightly and securely hooked onto the light unit. Adjust the position if needed for a snug fit.

## 8. Specifications

Feature	Specification
Brand	GearLight
Model Name	S400 Pro
Front Light Brightness	400 Lumens
Rear Light Brightness	60 Lumens
Number of Front Light Modes	5
Number of Rear Light Modes	4
Power Source	Battery Powered (USB Rechargeable)
Material	Aluminum, Plastic
Water Resistance Level	IPX4 (Water Resistant)
Mounting Type	Quick Universal Mount
Included Components	Rechargeable Front Bike Light, Rechargeable Rear Bike Light

## 9. Warranty & Support

For warranty information or technical support, please refer to the official GearLight website or contact their customer service directly. Keep your purchase receipt for warranty claims.

