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Pro Sport Lights 314285

Pro Sport Lights 1200/100 Lumen USB Rechargeable LED Bicycle Light Set User Manual

Model: 314285

1. Introduction

Thank you for choosing the Pro Sport Lights 1200/100 Lumen USB Rechargeable LED Bicycle Light Set. This manual provides essential information for the safe and effective use of your new bicycle lights. Please read it thoroughly before installation and operation, and retain it for future reference.

2. Product Overview

The Pro Sport Lights bicycle light set includes a powerful 1200 Lumen LED front light and a bright 100 Lumen LED rear light, designed to enhance visibility and safety during cycling. Both lights are USB rechargeable and feature durable construction with an IPX6 international protection rating, making them suitable for various weather conditions.



Image 2.1: Pro Sport Lights 1200 Lumen front light and 100 Lumen rear light set.

The front light also features an integrated power bank function, allowing you to charge small electronic devices on the go.



Image 2.2: The front light can be used as a power bank to charge your smartphone.

3. Package Contents

Please check the package for the following items:

- 1x 1200 Lumen LED Front Light
- 1x 100 Lumen LED Rear Light
- 1x Front Light Mounting Bracket
- 1x Rear Light Mounting Strap
- 1x USB Charging Cable (for front light)
- 1x USB Charging Cable (for rear light)



Image 3.1: Included components: front light, rear light, mounting parts, and USB cables.

4. Setup and Installation

4.1 Front Light Installation

1. Identify the front light mounting bracket.
2. Attach the bracket securely to your bicycle's handlebar. The bracket is adjustable for handlebar diameters between 12-32 mm. Ensure it is tightened sufficiently to prevent movement during cycling.
3. Slide the front light onto the bracket until it clicks into place.
4. Adjust the angle of the front light to illuminate the path ahead without blinding oncoming traffic.

4.2 Rear Light Installation

1. Identify the rear light mounting strap.
2. Wrap the silicone strap around your bicycle's seat post.

3. Hook the strap securely to hold the rear light in place.
4. Ensure the rear light is positioned vertically and clearly visible from behind.



Image 4.1: Front and rear lights mounted on a bicycle.

5. Operation

5.1 Front Light

- **Power On/Off:** Press and hold the power button on top of the front light for 2 seconds.
- **Change Modes:** Briefly press the power button to cycle through different lighting modes (e.g., High, Medium, Low, Flash).
- **Power Bank Function:** To use the power bank, connect your device to the USB output port on the side of the front light using your device's charging cable. The light does not need to be on for this function.

5.2 Rear Light

- **Power On/Off:** Press and hold the power button on the rear light for 2 seconds.

- **Change Modes:** Briefly press the power button to cycle through different lighting modes (e.g., Steady, Flash, Pulse).



Image 5.1: Cyclist using the lights at night, demonstrating visibility and beam range.



Image 5.2: The front light provides a beam range of up to 200 meters.

6. Charging

Both the front and rear lights are USB rechargeable. Use the provided USB charging cables.

- Connect the micro-USB end of the charging cable to the charging port on the light.
- Connect the USB-A end to a standard USB power source (e.g., computer, wall adapter, power bank).
- An indicator light will show the charging status. It typically turns red while charging and green/blue when fully charged.
- Charging time varies depending on the power source and remaining battery level.



Image 6.1: Front light connected for USB charging, with the charging indicator visible.

7. Maintenance

- **Cleaning:** Wipe the lights with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the lights in a cool, dry place when not in use. For long-term storage, ensure the batteries are partially charged (around 50%) to prolong battery life.
- **Battery Care:** Recharge the lights regularly, even if not used frequently, to maintain battery health. Avoid fully discharging the battery repeatedly.
- **Water Resistance:** The lights have an IPX6 rating, meaning they are protected against powerful water jets. They are not designed for submersion. Ensure USB port covers are securely closed to maintain water resistance.

8. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted.	Charge the light using the provided USB cable.
Light flickers or turns off unexpectedly.	Low battery or loose connection.	Recharge the battery. Ensure the light is securely mounted.
Light does not charge.	Faulty cable, power source, or charging port.	Try a different USB cable or power source. Ensure the charging port is clean and free of debris.
Power bank function not working.	Front light battery too low or incompatible device.	Ensure the front light has sufficient charge. Try with a different device or cable.

9. Specifications

Feature	Detail
Model Number	314285
Front Light Output	1200 Lumens
Rear Light Output	100 Lumens
Front Light Battery Capacity	4000 mAh (Lithium-ion)
Rear Light Battery Capacity	800 mAh
Battery Life	6-24 hours (depending on mode)
Charging Type	Micro-USB
Material	Plastic
Color	Black
Mounting Position	Handlebar (front), Seat post (rear)
Handlebar Diameter	12-32 mm
International Protection Rating	IPX6
Power Bank Function	Yes (Front Light)

Note: Rear light battery capacity (800 mAh) is based on information from product images.

10. Warranty and Support

For warranty information or technical support, please refer to the retailer where you purchased this product or visit the official Pro Sport Lights website. Keep your proof of purchase for warranty claims.

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