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AYL SLR1000

AYL LED Camping Lantern Rechargeable User Manual

Model: SLR1000 | Brand: AYL

1. Introduction

Thank you for choosing the AYL LED Camping Lantern Rechargeable. This versatile lantern is designed to provide reliable illumination for various situations, including camping, hiking, emergency power outages, and home use. Featuring 1800 lumens of brightness, four distinct light modes, a built-in 4400mAh power bank, and IP44 waterproof rating, this lantern is built for durability and convenience.

Please read this manual thoroughly before using the product to ensure proper operation and to maximize its lifespan.

2. Product Features

- **Bright LED Bulbs:** Equipped with 46 LED light bulbs, delivering up to 1800 lumens for powerful illumination.
- **Rechargeable & Power Bank:** Features a built-in 4400mAh rechargeable battery, providing up to 12 hours of light on a full charge. Can also charge smartphones or tablets in emergencies.
- **Water-Resistant:** Constructed with an IP44 waterproof rating, suitable for outdoor use in various weather conditions.
- **Four Light Modes:** Offers Daylight, Warm Light, Combined, and Flash modes. All modes are dimmable by pressing and holding the ON/OFF switch.
- **Slip-Proof Handle:** Designed with a sturdy, slip-proof handle for easy carrying and hanging.
- **Removable Convex Reflector Cap:** Provides 360-degree lighting and can be removed for more focused illumination.
- **Durable Construction:** Reinforced with plastic and rubber molding to prevent water ingress.

Image: Detailed view of the lantern's components and features.

3. Package Contents

Please check the package for the following items:

- 1 x AYL LED Camping Lantern (Model: SLR1000)
- 1 x USB Charging Cable (USB-A to Micro-USB)

Image: The AYL LED Camping Lantern and its USB charging cable.

4. Setup and Initial Charge

1. **Unpack:** Carefully remove the lantern and all accessories from the packaging.
2. **Initial Charge:** Before first use, fully charge the lantern. Connect the smaller end of the included USB charging cable to the Micro-USB input port on the lantern (located under a protective flap). Connect the larger USB-A end to a standard USB power adapter (not included) or a computer USB port.

3. **Charging Indicator:** A red indicator light will illuminate during charging. The light will turn green when the battery is fully charged. A full charge typically takes 7-8 hours with a 5V 1A input.
4. **Disconnect:** Once fully charged, disconnect the charging cable and close the protective flap over the port to maintain water resistance.

Image: Charging status indicators (red for charging, green for completed).

Image: Charging the lantern and using it to charge an electronic device.

5. Operating Instructions

5.1 Turning On/Off and Changing Light Modes

The lantern features a single ON/OFF button that also controls the light modes.

1. **Power On:** Press the ON/OFF button once to turn on the lantern. It will typically start in Daylight mode.
2. **Change Modes:** Short press the ON/OFF button repeatedly to cycle through the four light modes: Daylight → Warm Light → Combined → Flash.
3. **Power Off:** After cycling through all modes, pressing the button one more time will turn the lantern off. Alternatively, if the lantern is on for more than 5 seconds in any mode, a single press will turn it off.

5.2 Dimming Function (Stepless Dimming)

To adjust the brightness of any light mode:

- While the lantern is on in any mode (except Flash), press and hold the ON/OFF button. The brightness will gradually increase or decrease.
- Release the button when the desired brightness level is reached.
- The lantern will remember the last brightness setting for each mode when turned off and on again.

Image: Visual guide to light modes and dimming.

5.3 Using as a Power Bank

The lantern can be used to charge external devices via its USB-A output port.

1. **Connect Device:** Open the protective flap covering the USB output port. Connect your device's charging cable (USB-A end) to the lantern's USB output port.
2. **Charging:** The lantern will begin charging your device. The output is 5V 1A.
3. **Monitor:** Monitor your device's charging status. The lantern's battery level will decrease during this process.
4. **Disconnect:** Once charging is complete or you wish to stop, disconnect your device and close the protective flap.

Image: The lantern functioning as a power bank to charge a smartphone.

Image: Close-up of the USB charging ports.

6. Maintenance

- **Regular Charging:** If not in regular use, charge the lantern every 3-6 months to maintain battery health and ensure readiness for emergencies.

- **Battery Care:** The built-in battery cannot be disassembled or replaced. Do not attempt to open the lantern.
- **Cleaning:** Wipe the lantern with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the protective flaps over the ports are closed before cleaning.
- **Storage:** Store the lantern in a cool, dry place away from direct sunlight and extreme temperatures.

7. Troubleshooting

Problem	Possible Cause	Solution
Lantern does not turn on.	Battery is depleted.	Charge the lantern fully.
Light is dim or flickers.	Low battery level.	Recharge the lantern.
Power bank not charging device.	Lantern battery is low; incorrect cable/connection; device not compatible.	Ensure lantern is charged. Check cable and connection. Try a different device.
Charging indicator light not working.	Cable not properly connected; faulty cable/adapter.	Ensure secure connection. Try a different USB cable or power adapter.

8. Specifications

Feature	Detail
Product Dimensions	3.75"L x 3.75"W x 10.25"H
Brightness	1800 Lumens
Battery Capacity	4400mAh (Lithium-Ion Polymer)
Battery Life	Up to 12 Hours (on full charge)
Water Resistance Level	IP44 Waterproof
Light Modes	Daylight, Warm Light, Combined, Flash
Charging Input	5V 1A (Micro-USB)
Power Bank Output	5V 1A (USB-A)
Full Charge Time	7-8 Hours
Item Weight	1.25 pounds
Material	Acrylonitrile Butadiene Styrene (ABS), Plastic, Rubber

Image: Lantern dimensions and suggested uses.

9. Safety Information

- Do not look directly into the LED light when it is on, as it may cause temporary vision impairment.
- Keep out of reach of children.
- Do not expose the lantern to extreme heat or open flames.
- Do not submerge the lantern in water. While it is IP44 water-resistant, it is not designed for submersion.
- Use only the provided or a certified USB cable for charging.
- Do not attempt to disassemble, repair, or modify the lantern. This will void the warranty and may cause damage or injury.

10. Warranty and Support

For any warranty service or assistance, please contact AYL customer support. Refer to the product packaging or the AYL

official website for contact details.

Please retain your proof of purchase for warranty claims.