OLIGHT OL-S1A-NW-LED-DE

OLIGHT S1A Baton NW LED Mini AA Flashlight User Manual

Model: OL-S1A-NW-LED-DE

Introduction

Thank you for purchasing the OLIGHT S1A Baton NW LED Mini AA Flashlight. This manual provides detailed instructions for the safe and proper use, maintenance, and troubleshooting of your device. Please read this manual thoroughly before operation and retain it for future reference.

WARNING: NEVER look directly into the flashlight when it is on. The powerful beam can cause temporary vision impairment or permanent eye damage.

Package Contents

Verify that all items listed below are included in your package:

- 1 x OLIGHT S1A Baton NW Flashlight (Neutral White Light)
- 1 x 1.5V AA Lithium-Iron Disulfide Battery
- 1 x Lanyard
- 1 x User Manual (this document)



Image: Contents of the OLIGHT S1A Baton package, showing the flashlight, a 1.5V AA Lithium-Iron Disulfide battery, a lanyard, and the user manual.

Setup

1. **Battery Installation:**

   Unscrew the tail cap of the flashlight. Insert the provided 1.5V AA Lithium-Iron Disulfide battery with the positive (+) end facing towards the head of the flashlight. Screw the tail cap back on securely.



Image: A hand holding the OLIGHT S1A Baton flashlight, demonstrating its compact size and grip.

2. **Attaching the Lanyard:**

   Thread the lanyard through the lanyard hole located on the tail cap of the flashlight. Secure the lanyard as desired for convenient carrying and to prevent accidental drops.

3. **Pocket Clip:**

   The S1A Baton comes with a removable metal pocket clip. This clip can be used to attach the flashlight to a pocket, belt, or backpack strap for easy access.





Image: The OLIGHT S1A Baton flashlight, highlighting its textured body and integrated pocket clip.

Operating Instructions

The S1A Baton features a side switch for all operations.

- **Turning On/Off:**

  Single click the side switch to turn the flashlight ON/OFF.

- **Changing Brightness Levels:**

  When the flashlight is ON, press and hold the side switch to cycle through Moonlight, Low, Medium, and High modes. Release the switch to select the desired brightness level. The flashlight has a memory function and will turn on in the last used mode (except Turbo and Strobe).

- **Moonlight Mode:**

  When the flashlight is OFF, press and hold the side switch for approximately one second to directly access Moonlight mode.

- **Turbo Mode:**

  Double click the side switch quickly to activate Turbo mode (550 lumens). Double click again to return to the previous mode. Note: Turbo mode is only available when powered by a 14500 rechargeable battery. When using an AA battery, the maximum output is 220 lumens (High mode). The thermal protection program will limit Turbo mode to 1 minute, then gradually reduce brightness to 50% over another minute.

- **Strobe Mode:**

  Triple click the side switch quickly to activate Strobe mode. Single click to exit Strobe mode.

- **Timer Function:**

  The S1A Baton has a built-in timer function. Double click and hold the side switch from the ON state to activate the timer. One blink indicates a 3-minute short timer, and two blinks indicate a 9-minute long timer. To switch between timers, double click and hold again. The flashlight will automatically turn off when the timer expires.



Image: Diagram illustrating key features of the OLIGHT S1A Baton, including max output, runtime, throw distance, battery type, drop test rating, and IPX8 waterproof rating.



Image: Comparison of the S1A Baton's beam pattern when using an AA battery, demonstrating its neutral white light output.

Maintenance

- **Cleaning:**

  Clean the flashlight body with a soft, damp cloth. Do not use harsh chemicals or abrasive materials.

- **O-Ring Lubrication:**

  To maintain the IPX8 waterproof rating, periodically lubricate the O-rings with silicone grease. Replace O-rings if they appear damaged or worn.

- **Battery Care:**

  If the flashlight will not be used for an extended period, remove the battery to prevent leakage and potential damage to the flashlight.

- **Thread Cleaning:**

  Keep the threads of the tail cap clean to ensure proper electrical contact and smooth operation.

Troubleshooting

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery inserted incorrectly. Battery is depleted. Tail cap not fully tightened. Dirty contacts.	Ensure positive (+) end of battery faces the head. Replace battery with a fresh one. Tighten the tail cap securely. Clean battery contacts and threads with a clean cloth.
Light output is dim or flickers.	Low battery level. Poor contact.	Replace battery. Clean contacts and ensure tail cap is tight.
Flashlight gets hot quickly.	Operating in Turbo mode for extended periods. High ambient temperature.	This is normal for high-output flashlights. The thermal protection will reduce output. Switch to a lower brightness mode.

Specifications

Feature	Detail
Model	OLIGHT S1A Baton NW
LED	Cree XM-L2 NW (Neutral White)
Max Output (with 14500 battery)	550 Lumens
Max Output (with AA battery)	220 Lumens
Brightness Levels	Moonlight (0.5 lm), Low (5 lm), Medium (50 lm), High (220 lm), Turbo (550 lm - 14500 only)
Special Modes	Strobe (10 Hz)
Power Source	1 x AA Battery (Alkaline, Lithium-Iron Disulfide) or 1 x 14500 Rechargeable Battery
Body Material	AL6061-T6 Aluminum Alloy (Frozen Black Coating)
Waterproof Rating	IPX8 (Submersible up to 2 meters)
Impact Resistance	1.5 meters
Dimensions	Approx. 79.5mm (Length) x 23mm (Head Diameter)
Weight (without battery)	Approx. 37.5g / 1.29 oz

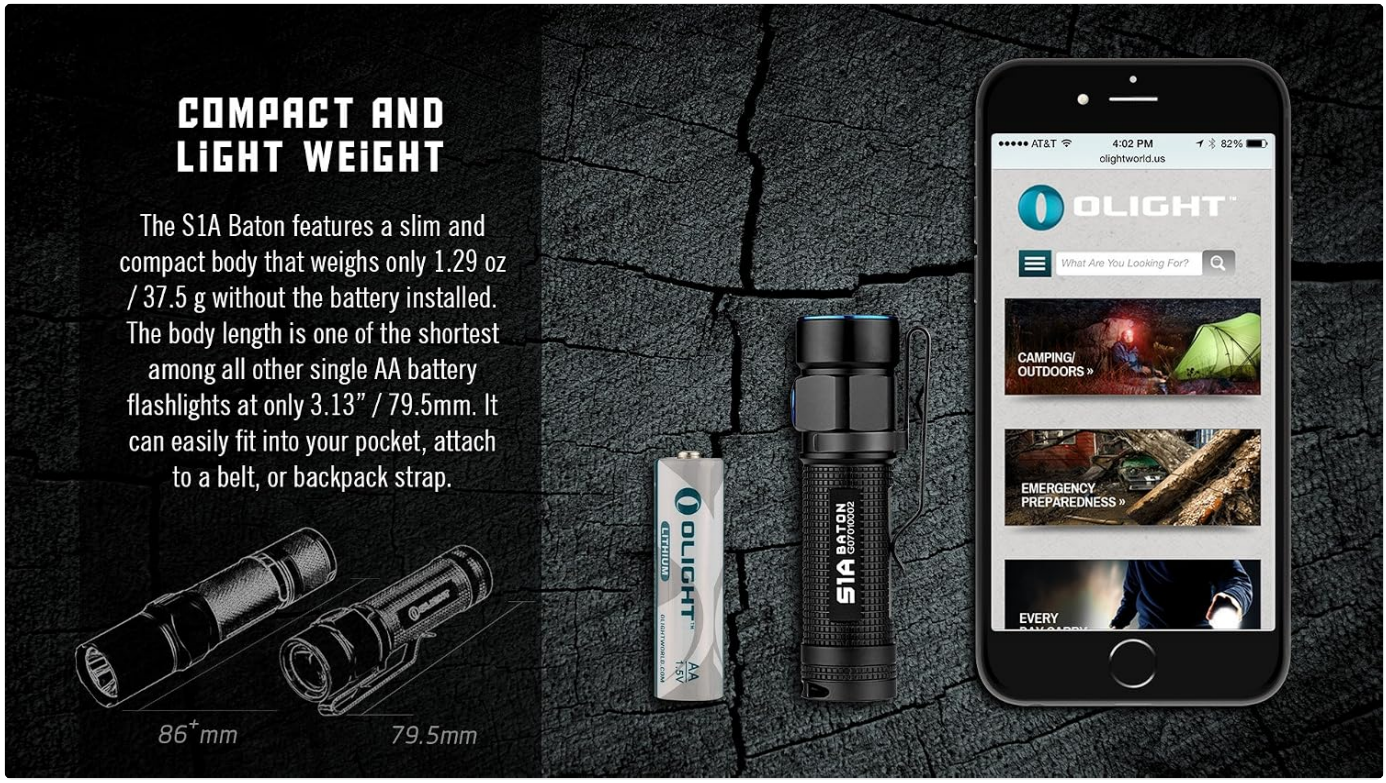


Image: The compact and lightweight design of the OLIGHT S1A Baton, shown alongside an AA battery for size comparison.



Image: The OLIGHT S1A Baton demonstrating its IPX8 waterproof rating, submerged in water.

Warranty and Support

OLIGHT offers a comprehensive warranty for its products. For detailed warranty information and to register your product, please visit the official OLIGHT website or contact their customer service.
For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact OLIGHT customer service:

- **Website:** www.olightworld.com

- **Email:** Refer to the official website for regional contact information.

Note: Warranty terms may vary by region. Please refer to your local OLIGHT distributor or website for specific details.

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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.

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