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OLIGHT Array 2S Headlamp & I3T 2 EOS Flashlight

OLIGHT Array 2S Headlamp and I3T 2 EOS Flashlight User Manual

Model: Array 2S Headlamp, I3T 2 EOS Flashlight
Brand: OLIGHT

1. Introduction and Overview

The OLIGHT Array 2S Headlamp is a high-performance lighting solution designed for various activities. It features a USB-C rechargeable battery pack, delivering up to 1,000 lumens of bright LED light and offering a maximum runtime of 30 hours on its lowest setting. A key feature is its innovative hand wave control, allowing users to switch modes and adjust brightness with simple hand gestures, which is particularly useful when wearing gloves or in cold conditions.

This product bundle also includes the compact yet powerful OLIGHT I3T 2 EOS Pocket EDC Flashlight. Powered by a single AAA battery, the I3T 2 delivers an output of up to 200 lumens, with an option to boost to 300 lumens when using a compatible rechargeable battery. It provides both constant and momentary-on options, making it versatile for various tasks and environments. The I3T 2 is designed for extended runtime with lower operating temperatures, ensuring reliable performance.



Figure 1: OLIGHT Array 2S Headlamp and I3T 2 EOS Pocket EDC Flashlight bundle.

2. What's in the Box

Upon opening the package, you will find the following items:

- OLIGHT Array 2S Headlamp (main unit with headband and battery pack)
- OLIGHT I3T 2 EOS Pocket EDC Flashlight
- User Manual for Array 2S Headlamp
- USB-A to USB-C Charging Cable (for Array 2S Headlamp)
- Spare Cable Clips (for Array 2S Headlamp headband)
- AAA Battery (for I3T 2 EOS Flashlight)



Figure 2: The OLIGHT Array 2S Headlamp and its included accessories, including the charging cable and spare clips.

3. Setup

3.1 OLIGHT Array 2S Headlamp

1. **Adjusting the Headband:** The headband is adjustable to ensure a comfortable and secure fit. Use the adjusters on the sides to tighten or loosen the band as needed.
2. **Cable Management:** Utilize the provided spare clips to secure the power cable along the headband, preventing it from snagging or interfering with movement.
3. **Initial Charge:** Before first use, fully charge the headlamp's battery pack using the supplied USB-C charging cable. Connect the USB-A end to a compatible power source (e.g., wall adapter, computer USB port) and the USB-C end to the charging port on the battery pack located at the back of the headband. Indicator lights on the battery pack will show the charging status.



Figure 3: The rear battery pack of the Array 2S Headlamp, showing the charging port and indicator lights. The red indicator also functions

as a safety taillight.

3.2 OLIGHT I3T 2 EOS Flashlight

1. **Battery Installation:** The I3T 2 comes with an included AAA battery. To install or replace the battery, unscrew the tail cap, insert the battery with the positive (+) end facing towards the head of the flashlight, and then screw the tail cap back on securely. The flashlight is also compatible with rechargeable AAA batteries for increased output.



Figure 4: The compact OLIGHT I3T 2 EOS Flashlight, ready for use.

4. Operating Instructions

4.1 OLIGHT Array 2S Headlamp

- **Power On/Off:** Press and hold the side switch to turn the headlamp on or off.
- **Changing Modes (Spotlight, Floodlight, Red Light):**
  - Double-tap the side switch to cycle between the white spotlight, white floodlight, and red light modes.
- **Adjusting Brightness (White Light Modes):**
  - While in white light mode, press and hold the side switch to cycle through brightness levels. Release the switch at your desired brightness.
- **Hand Wave Control:** The Array 2S features a non-touch hand wave control for convenience.
  - Wave your hand *left to right* in front of the headlamp to switch between different white light modes (spotlight, floodlight, combined).
  - Wave your hand *up and down* in front of the headlamp to change the brightness level within the current white light mode.
  - *Note:* Hand wave control is not applicable when switching between red light and white light modes.



Figure 5: Demonstration of the non-touch hand wave control feature for the Array 2S Headlamp.

4.2 OLIGHT I3T 2 EOS Flashlight

- **Operation:** The I3T 2 is operated via its tail switch.
  - **Momentary On:** Lightly press the tail switch for momentary activation. Release to turn off.
  - **Constant On:** Fully press the tail switch until it clicks for constant illumination. Press again to turn off.
  - **Changing Modes:** Quickly press and release the tail switch to cycle between low and high brightness modes. The flashlight can be initially powered on in your preferred low or high mode depending on your needs.



Figure 6: The I3T 2 EOS Flashlight showcasing its high and low brightness modes.

5. Maintenance

5.1 Charging the Array 2S Headlamp

The Array 2S Headlamp is equipped with a USB-C rechargeable battery. To charge, connect the provided USB-A to USB-C cable to the charging port on the battery pack. The indicator lights will provide feedback on the charging status. Ensure the charging port is clean and dry before connecting the cable.

5.2 Battery Care for I3T 2 EOS Flashlight

For optimal performance and longevity of your I3T 2 flashlight, use high-quality AAA batteries. If the flashlight will not be used for an extended period, it is recommended to remove the battery to prevent potential leakage and damage to the device.

5.3 General Care

- Keep both devices clean and free from dirt and debris. Use a soft, damp cloth for cleaning.
- Avoid dropping the devices or subjecting them to strong impacts.
- Store the headlamp and flashlight in a cool, dry place when not in use.

6. Troubleshooting

- **Light Not Turning On:**
  - Ensure the battery is fully charged (Array 2S) or correctly installed (I3T 2).
  - Check for any physical damage to the device or battery.
- **Dim Light Output:**
  - The battery may be low. Recharge the Array 2S or replace the AAA battery in the I3T 2.
  - Ensure the lens is clean and free from obstructions.
- **Hand Wave Control Not Responding (Array 2S):**
  - Ensure your hand is within the effective sensing range and motion is clear.
  - Confirm you are attempting to change white light modes or brightness, as red light mode does not support wave control.
- **Charging Issues (Array 2S):**
  - Verify the USB-C cable is securely connected to both the headlamp and the power source.
  - Try a different USB-C cable or power adapter.

7. Specifications

Feature	OLIGHT Array 2S Headlamp	OLIGHT I3T 2 EOS Flashlight
Max Lumens	1000 Lumens	200 Lumens (300 Lumens with rechargeable battery)
Max Runtime	30 hours	Extended Runtime (specific hours not provided)
Power Source	USB-C Rechargeable Battery Pack	1 x AAA Battery (Alkaline included, rechargeable compatible)
Special Features	Hand Wave Control, Red Light, Safety Taillight	Dual-Output Tail Switch, Compact EDC
Light Source Type	LED	LED
Material	Plastic	(Not specified for I3T 2, assume durable material)
Voltage	5 Volts	(Not specified for I3T 2)
Water Resistance Level	Not Water Resistant	(Not specified for I3T 2, generally EDC flashlights have some resistance)

8. Warranty and Support

This product comes with a Limited Warranty. For specific warranty details and duration, please refer to the warranty card included in your product packaging or visit the official OLIGHT website.

If you encounter any issues or require technical assistance, please contact the seller, Olight® Direct, through the Amazon platform or refer to the contact information provided in the user manual. Products fulfilled by Amazon generally adhere to Amazon's 30-day return policy for refunds or replacements.

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