OLIGHT O-PERUN2 MINI-CW#US-FBA

OLIGHT Perun 2 Mini Headlamp User Manual

Model: O-PERUN2 MINI-CW#US-FBA

Brand: OLIGHT

1. INTRODUCTION

The OLIGHT Perun 2 Mini Headlamp is a versatile and compact lighting solution designed for various activities including working, hiking, camping, and climbing. This manual provides comprehensive instructions for the safe and effective use of your Perun 2 Mini headlamp.

Figure 1: OLIGHT Perun 2 Mini Headlamp with included accessories.

2. WHAT'S IN THE BOX

Verify that all components are present upon unboxing:

- OLIGHT Perun 2 Mini Headlamp (Black Cool White: 5700K~6700K)
- Battery (1 Lithium Metal battery, included)
- Charging Cable (MCC 1A Magnetic Charging Cable)
- Head Band
- Headlamp Base x 1
- Perun 2 Mini Pocket Clip x 1

Figure 2: All components included in the Perun 2 Mini package.

3. SETUP

3.1 Initial Battery Preparation

Before first use, ensure the insulating film is removed from the battery. Unscrew the tail cap of the headlamp, remove the yellow insulating film, and then re-tighten the tail cap securely.

3.2 Charging the Headlamp

The Perun 2 Mini uses a magnetic charging cable (MCC 1A). Attach the magnetic end of the charging cable to the tail cap of the headlamp. The indicator light on the charging cable will illuminate red during charging and turn green when fully charged.

Figure 3: Magnetic charging of the Perun 2 Mini headlamp.

3.3 Attaching to Headband or Clip

The headlamp can be used handheld, attached to the included pocket clip, or mounted on the headband base for headlamp functionality.

- **Headband Use:** Insert the headlamp into the silicone headlamp base. The base allows for 180-degree multi-angle lighting adjustment. Secure the base to the elastic headband.
- **Pocket Clip Use:** Attach the pocket clip to the body of the headlamp. This allows for attachment to backpacks, belts, or other gear.
- **Magnetic Attachment:** The magnetic tail cap allows the headlamp to be securely attached to any iron surface for hands-free work light use.
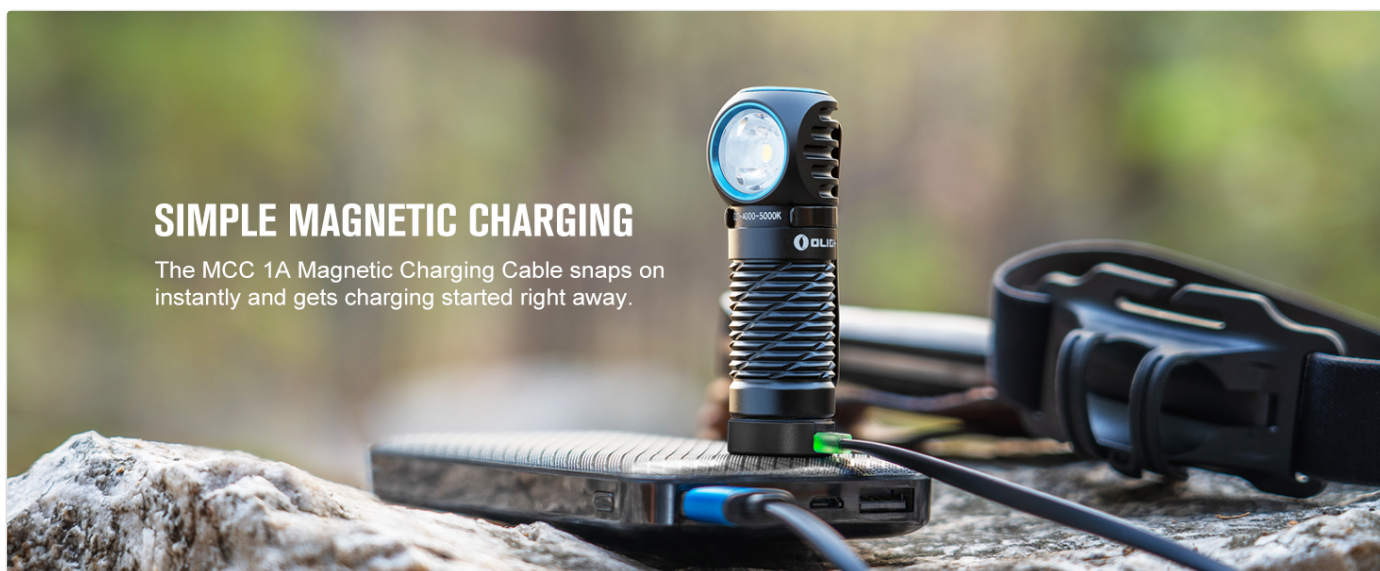

Figure 4: The headlamp base allows for 180-degree lighting adjustment.

Figure 5: The pocket clip enables attachment to various items like backpack straps.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press the side switch once to turn the headlamp ON/OFF.

4.2 Changing Brightness Levels (White Light)

When the headlamp is ON, press and hold the side switch to cycle through the brightness levels: Moonlight, Low, Medium, High. Release the switch to select the desired brightness.

- **Moonlight Mode:** Provides 2 lumens for up to 10 days, ideal for maintaining night vision.
- **Turbo Mode:** Double-press the side switch quickly from any white light mode to activate Turbo mode (1,100 lumens). Double-press again to return to the previous mode.

4.3 Red Light Option

The Perun 2 Mini includes a red LED. This can be used to maintain night vision or as an emergency warning signal.

Figure 6: The red light feature is useful for maintaining night vision or emergency signaling.

4.4 Power Indicator

The headlamp features a tri-color power indicator to display the remaining battery level:

- **Green:** Battery level > 60%
- **Orange:** Battery level 60% - 10%
- **Red:** Battery level 10% - 5%
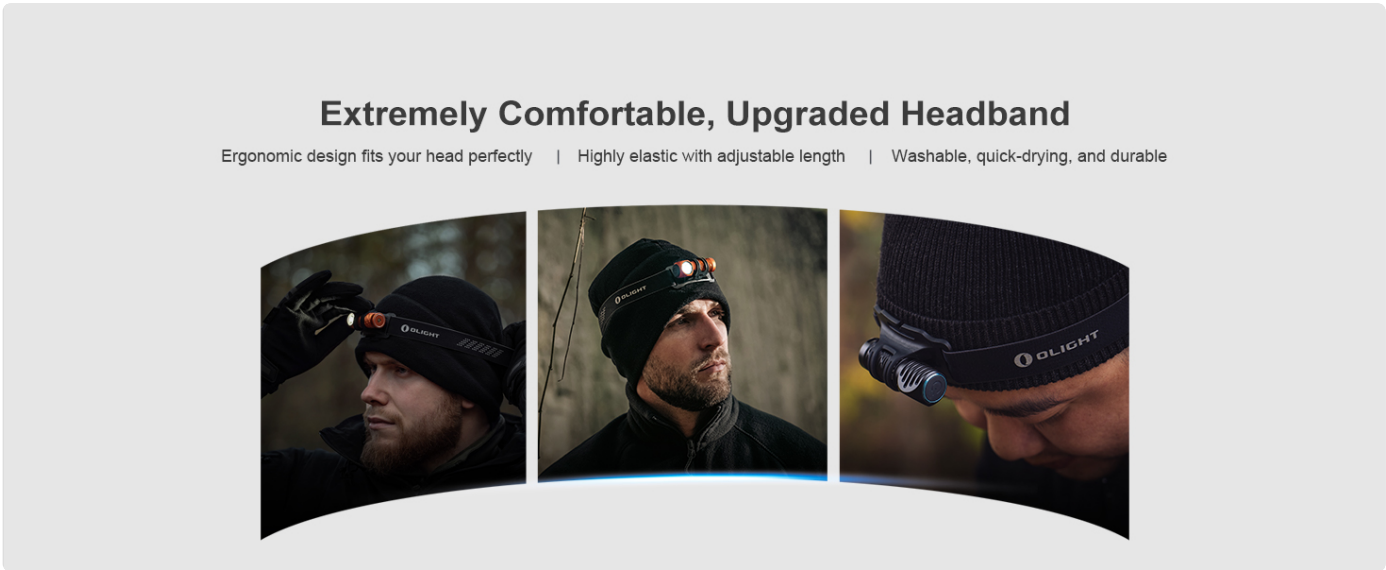- **Flashing Red:** Battery level < 5% (recharge immediately)

Figure 7: The tri-color indicator provides clear battery status at a glance.

5. SPECIFICATIONS

Feature	Detail
Model	O-PERUN2 MINI-CW#US-FBA

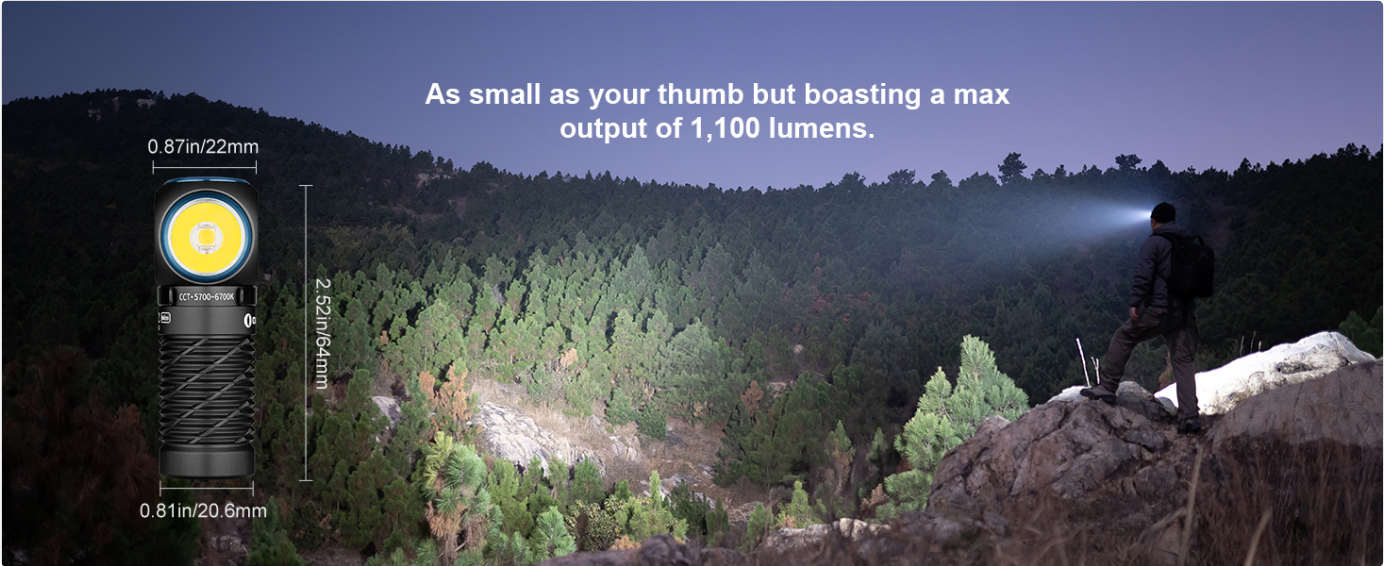| Feature	Detail
Special Feature	LED Lighting, Rechargeable
Color	Black
Power Source	Battery Powered
Light Source Type	LED
Material	Aluminum
White Brightness	1100 Lumens (Max)
Product Dimensions	2.52"D x 0.87"W x 0.81"H
Voltage	3.7 Volts
Battery Cell Composition	Lithium
Item Weight	1.9 Ounces
Number of Batteries	1 Lithium Metal (included)
Water Resistance Level	Waterproof (IPX8)
Runtime (Max)	240 hours (Moonlight mode)
Style	Cool White: 5700K~6700K

Figure 8: Key performance specifications of the Perun 2 Mini.

6. MAINTENANCE

To ensure the longevity and optimal performance of your OLIGHT Perun 2 Mini Headlamp, follow these maintenance guidelines:

- **Cleaning:** Wipe the headlamp with a clean, soft cloth. For stubborn dirt, use a damp cloth and mild soap. Avoid abrasive cleaners or solvents.
- **Battery Care:** Recharge the battery regularly, even if not in frequent use, to maintain battery health. Store the headlamp in a cool, dry place when not in use for extended periods.

- **Thread Lubrication:** Periodically apply a thin layer of silicone grease to the O-rings and threads to maintain waterproof sealing and smooth operation.
- **Avoid Disassembly:** Do not attempt to disassemble the headlamp as this may void the warranty and cause damage.

7. TROUBLESHOOTING

If you encounter issues with your Perun 2 Mini Headlamp, refer to the following common troubleshooting steps:

- **Headlamp Not Turning On:**
  - Ensure the battery's insulating film has been removed.
  - Check if the tail cap is fully tightened. A loose tail cap can prevent electrical contact.
  - Verify the battery is charged. Connect the headlamp to the charging cable and check the indicator light.

- **Light Output is Low or Flickering:**
  - The battery may be low. Recharge the headlamp.
  - Clean the contact points on the battery and inside the headlamp with a clean, dry cloth.

- **Magnetic Charging Not Working:**
  - Ensure the magnetic charging cable is properly aligned and securely attached to the tail cap.
  - Check if the charging cable is connected to a working USB power source.

If the issue persists after attempting these steps, please contact OLIGHT customer support for further assistance.

8. WARRANTY & SUPPORT

OLIGHT offers a **Lifetime Warranty** on the Perun 2 Mini Headlamp, ensuring long-term reliability and customer satisfaction. For detailed warranty information and support, please visit the official OLIGHT website or refer to the included user manual PDF.
You can also find more information and products at the official OLIGHT store:

Visit the OLIGHT
Store

For a downloadable version of the user manual, please click the link below:

Download User Manual
(PDF)

Related Documents - O-PERUN2 MINI-CW#US-FBA

	Olight Perun 2 Mini User Manual User manual for the Olight Perun 2 Mini compact rechargeable LED headlamp, covering features, operation, specifications, and warranty information.
	Olight Baton 3 Pro Flashlight User Manual Comprehensive user manual for the Olight Baton 3 Pro flashlight, detailing features, operation, and warranty information. Includes multi-language support and technical specifications.
	Olight Perun 2 User Manual This manual provides detailed instructions for operating, charging, and maintaining the Olight Perun 2 flashlight. It covers features like multiple brightness levels, Turbo mode, SOS mode, timer functions, lockout mode, and proximity protection, along with specifications, safety warnings, and warranty information.
	Olight Perun 2 Mini User Manual User manual for the Olight Perun 2 Mini flashlight, detailing its features, operation, charging, and specifications.
	Olight Perun 2 Mini User Manual: Rechargeable Right-Angle Flashlight Comprehensive user manual for the Olight Perun 2 Mini flashlight, detailing features, operation, specifications, and warranty information. Learn how to use its white and red light modes, charging, and accessories.
	Olight Perun 2 LED Flashlight User Manual and Operating Guide Comprehensive user manual for the Olight Perun 2 LED flashlight, detailing features, operation, safety instructions, charging, and specifications. Includes multilingual content merged into English.