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› Ledlenser MH11 Rechargeable Headlamp User Manual

Ledlenser MH11

Ledlenser MH11 Rechargeable Headlamp

USER MANUAL

1. Introduction

The Ledlenser MH11 is a high-performance rechargeable headlamp designed for demanding outdoor adventures and professional use. It features a powerful LED with 1000 lumens output, multi-color light functions (red, green, blue), and Bluetooth connectivity for custom programming via a smartphone app. Its durable aluminum construction and waterproof design ensure reliability in various conditions.

Key features include:

- **Rechargeable Battery:** Convenient and sustainable power source.
- **High Lumen Output:** Up to 1000 lumens for bright illumination.
- **Multi-Color LED:** Red, green, and blue light options for specialized needs.
- **Waterproof and Durable:** Built for rugged outdoor environments.
- **Adjustable Beam:** Precise focus and zoom for versatile lighting.
- **Bluetooth Connectivity:** Customize light functions via the Ledlenser Connect App.



Figure 1: The Ledlenser MH11 Rechargeable Headlamp, showcasing its sleek design and adjustable strap.

2. Setup

2.1. Battery Installation and Charging

The MH11 headlamp uses a rechargeable Lithium-Ion battery. Ensure the battery is fully charged before first use.

1. To install or replace the battery, unscrew the battery cap located on the side of the headlamp.
2. Insert the provided Lithium-Ion battery with the positive (+) terminal facing inwards.
3. Securely screw the battery cap back on.
4. Connect the magnetic charging cable to the charging port on the headlamp. The port is designed for quick, easy, and safe connection.
5. Plug the USB end of the charging cable into a compatible USB power source (e.g., wall adapter, computer USB port).
6. The battery level indicator will show charging status. A full charge typically takes several hours.

MH11 OUTDOOR



Bluetooth connection to smartphones for custom, remote light functions

Cooling Technology allows for continuous operation
without overheating



CHARGING SYSTEM



Magnetic Charging
System



Battery Level
Indicator

INCLUDES

1 Set of Batteries, Magnetic Charging Cable, Belt Pouch

Figure 2: Illustration of the magnetic charging system and battery level indicator for the MH11 headlamp.

2.2. Headband Adjustment

Adjust the elastic headband for a comfortable and secure fit. The MH11 also features a detachable overhead strap for enhanced stability, which can be removed if not needed.

MH11 OUTDOOR HEADLAMP

ENGINEERED FOR DEMANDING ADVENTURES

A perfect choice for
the outdoor enthusiast



Figure 3: The Ledlenser MH11 headlamp in use during an outdoor activity, demonstrating its ergonomic design and secure fit.

3. Operating Instructions

3.1. Power On/Off and Light Modes

The headlamp is operated via a single button. Press the button to cycle through different light modes:

- **Power:** High brightness mode.
- **Mid Power:** Medium brightness for general use.
- **Low Power:** Extended runtime for close-range tasks.
- **Boost:** Temporary maximum brightness (1000 lumens).
- **SOS:** Emergency signal.
- **Blink:** Regular blinking for visibility.

- **Strobe:** Disorienting flash.



Figure 4: Overview of the various light functions and their corresponding symbols, including Power, Mid Power, Low Power, Boost, SOS, Blink, and Strobe modes.

3.2. Advanced Focus System and Light Angle Swivel

The Advanced Focus System allows seamless adjustment from a broad floodlight to a sharply focused spot beam. Rotate the bezel around the main LED to adjust the focus. The headlamp also features a 120-degree light angle swivel, allowing you to direct the light precisely where needed.



Figure 5: Detailed view of the headlamp's light angle swivel (120 degrees) and the Advanced Focus System for adjusting the beam from flood to spot.

3.3. Multi-Color LEDs

The MH11 includes red, green, and blue LEDs. These can be selected based on specific lighting needs and situations, such as preserving night vision (red), map reading (green), or specialized tasks (blue).

Your browser does not support the video tag.

Video 1: An official product video demonstrating the various features of the Ledlenser MH11 Headlamp, including its multi-color light options and advanced focus system.

3.4. Optisense Technology

The integrated Optisense Technology automatically adjusts the light output according to ambient conditions, optimizing brightness and battery life.

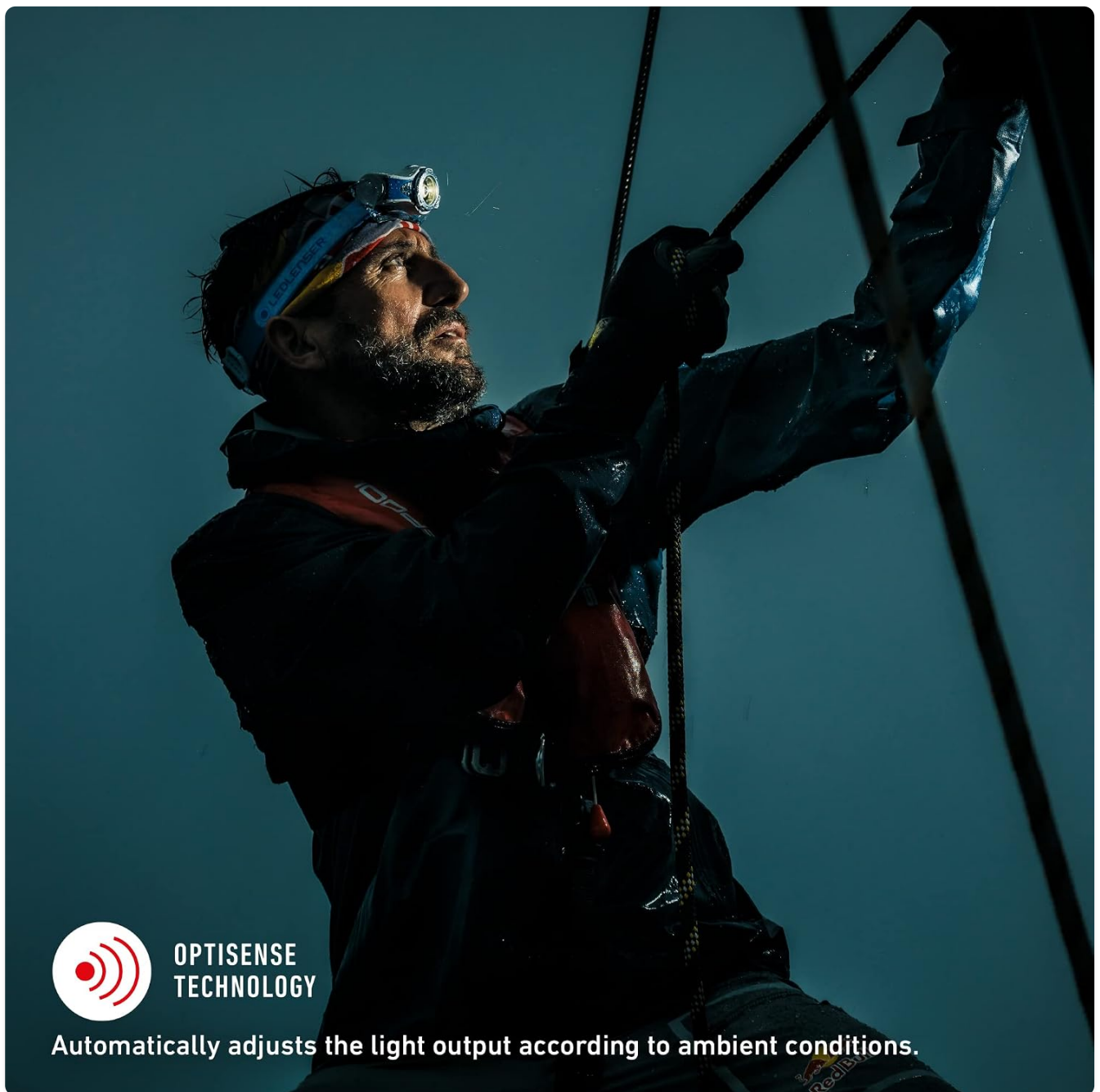


Figure 6: A user demonstrating the Optisense Technology, which automatically adjusts light output based on ambient conditions for optimal visibility and battery efficiency.

3.5. Ledlenser Connect App (Bluetooth)

Connect your MH11 headlamp to your smartphone via Bluetooth using the Ledlenser Connect App. This app allows for custom programming of light functions, brightness levels, and other settings, providing personalized control over your headlamp.



Figure 7: A smartphone screen displaying the Ledlenser Connect App interface, showing options for customizing light settings and brightness levels.

4. Maintenance

- **Cleaning:** Wipe the headlamp with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** For optimal battery life, charge the battery regularly and avoid complete discharge. If storing for extended periods, charge the battery to approximately 50% and store in a cool, dry place.
- **Storage:** Store the headlamp in a dry environment, away from extreme temperatures and direct sunlight.
- **Water Resistance:** While waterproof, ensure the battery cap is securely tightened before exposing the headlamp to water.

5. Troubleshooting

Problem	Possible Cause	Solution
Headlamp does not turn on.	Battery is discharged or incorrectly installed.	Charge the battery. Ensure the battery is inserted correctly with the positive terminal facing inwards.
Light output is dim.	Low battery charge or lens is dirty.	Recharge the battery. Clean the lens with a soft cloth.
Cannot connect to Ledlenser Connect App.	Bluetooth is off on device, app issue, or headlamp not in pairing mode.	Ensure Bluetooth is enabled on your smartphone. Restart the app and headlamp. Refer to the app's instructions for pairing.
Headlamp gets warm during use.	Normal operation, especially on high brightness modes.	The headlamp is designed with cooling technology to prevent overheating. This is normal. If it becomes excessively hot, reduce brightness or turn off temporarily.

6. Specifications

Feature	Detail
Model	MH11
Light Source Type	LED (White, Red, Green, Blue)
White Brightness	Up to 1000 Lumens
Beam Distance	Up to 320m (Boost)
Runtime	Up to 100 hours (Low Power)
Power Source	Rechargeable Lithium-Ion Battery
Material	Aluminum
Water Resistance Level	Waterproof
Product Dimensions	5.91"D x 3.35"W x 4.72"H
Item Weight	13.1 ounces

7. Warranty and Support

Ledlenser products are known for their quality and durability. For specific warranty information and support, please refer to the official Ledlenser website or contact their customer service.

You can also visit the official Ledlenser store on Amazon for more product information and support:[Ledlenser Store](#).