

Ledlenser MH10

Ledlenser MH10 Rechargeable Headlamp User Manual

Brand: Ledlenser | Model: MH10

1. INTRODUCTION

The Ledlenser MH10 is a high-performance, rechargeable headlamp designed for outdoor enthusiasts. It offers an excellent weight-to-lumen ratio, making it suitable for various activities such as camping, hiking, tactical use, hunting, and fishing. This manual provides essential information for the proper use and maintenance of your MH10 headlamp.

Key Features:

- **High Performance:** Up to 600 lumens of brightness, with a beam distance of up to 150 meters.
- **Long Runtime:** Up to 120 hours on the lowest setting.
- **Rechargeable Battery:** Features a rear battery pack that can be repositioned or removed, rechargeable via micro USB.
- **Versatile Lighting Modes:** Includes Constant Light and Energy Saving modes.
- **Color Filters:** Comes with red and green color filters for enhanced night vision.
- **Rear Red Light:** For increased visibility from behind.
- **Water Resistant:** IPX4 rating, suitable for sweat and rain.
- **Transportation Lock:** Prevents accidental activation during transport.



Figure 1: Ledlenser MH10 Rechargeable Headlamp.

The MH10 is engineered for reliability and comfort, ensuring a hands-free lighting solution for your outdoor adventures.

2. SETUP AND INITIAL USE

2.1 Unpacking and Components

Upon opening the package, ensure all components are present:

- Ledlenser MH10 Headlamp
- 18650 Lithium-Ion Battery
- USB Charging Cable
- Belt Pouch
- Color Filter Set (Red and Green)

MH10 OUTDOOR



Rear red light so you can be seen from behind

Includes color filters to swap out for various scenarios



**CHARGING
SYSTEM**



INCLUDES

1 Battery Set, USB Charging Cable, Belt Pouch, Filter Set

Figure 2: MH10 Headlamp with included color filters and USB charging cable.

2.2 Charging the Battery

Before first use, fully charge the included 18650 Lithium-Ion battery. The battery can be charged while installed in the headlamp or removed.

1. Locate the micro USB charging port on the headlamp's battery pack.
2. Connect the provided USB charging cable to the headlamp and a compatible USB power source (e.g., computer, wall adapter).
3. The charging indicator light will show the charging status. Refer to the headlamp's specific LED indicator behavior for full charge notification.
4. Once fully charged, disconnect the cable.



Figure 3: Rechargeable USB Charging feature.

2.3 Adjusting the Headband

The elastic headband is adjustable to ensure a comfortable and secure fit. The rear battery pack can be repositioned on the band or detached and stored in a pocket for greater comfort, especially during extended use.

MH10 OUTDOOR



Rapid Focus
1 High Power LED



ADVANCED
FOCUS SYSTEM

Seamlessly focus the light
beam as a spot or flood

Figure 4: The MH10 headlamp provides hands-free illumination for various activities.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off and Brightness Modes

The MH10 features a single button for controlling power and brightness settings.

- **To Turn On:** Press the power button once. The headlamp will typically turn on in the last used brightness mode.
- **To Cycle Brightness Modes:** While the headlamp is on, press and hold the power button. The brightness will cycle through different levels (e.g., High, Mid, Low). Release the button at your desired brightness.
- **To Turn Off:** Press the power button quickly.

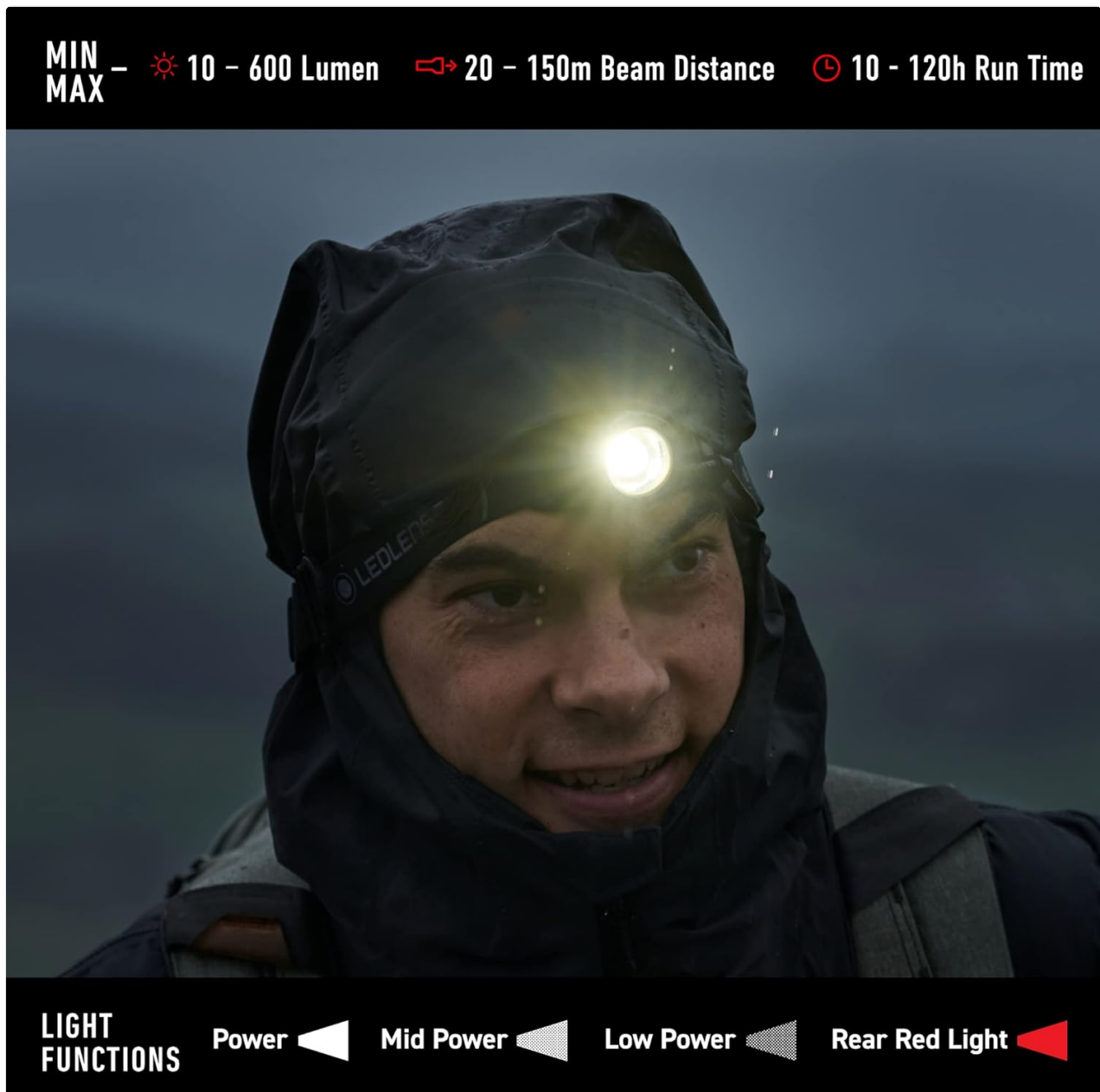


Figure 5: The MH10 offers multiple light functions including Power, Mid Power, Low Power, and a Rear Red Light.

3.2 Smart Light Technology

The MH10 incorporates Smart Light Technology, offering 3 programmable light functions to customize your lighting experience based on your needs.



Figure 6: Smart Light Technology allows for programmable light functions.

3.3 Advanced Focus System (AFS) and Rapid Focus

The Advanced Focus System allows for seamless transition between a broad floodlight for close-up illumination and a sharply focused spot beam for long-distance viewing. The Rapid Focus feature enables quick, one-handed adjustment of the beam from flood to spot.

MH10 OUTDOOR HEADLAMP

LIGHTWEIGHT ILLUMINATION FOR ADVENTURERS

A perfect choice for
the demanding user



Figure 7: The MH10 features a 65-degree light angle swivel and the Advanced Focus System for beam adjustment.

Video 1: Demonstration of the Headlamp with Rapid Focus System, showcasing effortless one-handed beam adjustment.

3.4 Color Filters

The MH10 includes interchangeable red and green color filters. These filters can be attached to the front of the lens to provide specialized lighting for specific activities:

- **Red Filter:** Preserves night vision and is ideal for activities like hunting or stargazing, as it is less disruptive to dark-adapted eyes.
- **Green Filter:** Useful for hunting and map reading, as it enhances contrast and does not spook certain animals.

3.5 Rear Red Light

The headlamp features a rear red light on the battery pack, which can be activated for increased visibility and safety, especially when walking or running in low-light conditions.

4. MAINTENANCE AND CARE

4.1 Cleaning

- Wipe the headlamp body with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- Clean the lens gently with a microfiber cloth to prevent scratches and maintain optimal light output.
- The headband can be hand-washed with mild soap and water, then air-dried.

4.2 Battery Care

- To prolong battery life, avoid fully discharging the battery frequently.
- Store the headlamp and battery in a cool, dry place when not in use for extended periods.
- Recharge the battery periodically (e.g., every 3-6 months) even if not in use, to maintain its health.

4.3 Water Resistance

The Ledlenser MH10 has an IPX4 water resistance rating, meaning it is protected against splashing water from any direction. It is suitable for use in rain and humid conditions but should not be submerged in water.



Figure 8: The MH10 offers IPX4 dust and water protection.

5. TROUBLESHOOTING

If you encounter issues with your Ledlenser MH10, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Headlamp does not turn on.	Battery is depleted or not properly inserted. Transportation lock is active.	Charge the battery. Ensure the battery is correctly inserted. Deactivate the transportation lock (refer to specific instructions in your quick start guide if available).
Light is dim or flickers.	Low battery charge. Lens is dirty.	Recharge the battery fully. Clean the lens with a soft cloth.

Problem	Possible Cause	Solution
Headlamp does not charge.	USB cable or power source issue. Charging port is dirty.	Try a different USB cable or power source. Gently clean the charging port.
Focus ring is stiff.	Dust or debris in the mechanism.	Gently rotate the focus ring back and forth to dislodge debris. Avoid applying excessive force.

If the problem persists after attempting these solutions, please contact Ledlenser customer support.

6. SPECIFICATIONS

Detailed technical specifications for the Ledlenser MH10 Headlamp:

Feature	Specification
Brand	Ledlenser
Model	MH10
Light Source Type	LED
Brightness	600 Lumens (Max)
Light Path Distance	150 Meters (Max)
Runtime	Up to 120 hours
Power Source	Battery Powered
Battery Type	1 x 18650 3.7V Lithium Ion (Rechargeable)
Water Resistance Level	IPX4 (Water Resistant)
Material	Plastic
Color	Black
Item Weight	158 Grams (5.6 ounces)
Product Dimensions	8.07"D x 4.53"W x 2.76"H
Model Number	880385
UPC	847706001791

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Ledlenser offers a comprehensive warranty for its products. The standard warranty period is two years. For products registered on the Ledlenser homepage, the warranty period is extended to seven years. This warranty covers material defects and processing errors.

Please note the following exceptions:

- A deviating warranty period of 24 months applies to the perfect function of batteries.
- Excluded from the 7-year warranty are products from the "solidline", the K4R, K6R, and K6R Safety models, the Lite Wallet, the Powercase, Ledlenser K1 and K2, accessories, as well as defects of batteries, holsters, bags, remote switches, color filters, embossing, and surface coatings.

This warranty is valid worldwide and is in addition to your legal warranty rights.

7.2 Customer Support

For technical assistance, warranty claims, or any other inquiries regarding your Ledlenser MH10 Headlamp, please visit the official Ledlenser website or contact their customer support directly. Ensure you have your product model and purchase information ready when seeking support.