

Ledlenser 501597

Ledlenser MH3 Headlamp Instruction Manual

Model: 501597

1. INTRODUCTION

The Ledlenser MH3 is a versatile LED headlamp designed for various outdoor activities. It features an innovative mounting system allowing it to be used as both a headlamp and a handheld light. The Advanced Focus System provides flexible beam adjustment from spotlight to floodlight, and its swivel mechanism ensures precise light direction. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Ledlenser MH3 headlamp.

2. SAFETY INFORMATION

- Do not look directly into the LED light.
- Keep out of reach of children.
- Ensure correct battery polarity when inserting.
- Remove batteries if the device will not be used for an extended period.
- Do not mix old and new batteries or different types of batteries.
- Dispose of batteries responsibly according to local regulations.
- Avoid exposing the headlamp to extreme temperatures or direct sunlight for prolonged periods.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Ledlenser MH3 Headlamp
- 1 x Mignon (AA) 1.5V Battery
- Instruction Manual

4. SETUP

4.1. Battery Installation

1. Locate the battery compartment on the headlamp.
2. Open the compartment cover.
3. Insert one Mignon (AA) 1.5V battery, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

4.2. Headband Adjustment

Adjust the elastic headband to fit comfortably and securely around your head. The strap is adjustable to accommodate various head sizes.



Image: The Ledlenser MH3 headlamp showing the adjustable headband and the main light unit.



Image: Side view of the Ledlenser MH3 headlamp mounted on a mannequin head, demonstrating its fit.



Image: Front view of the Ledlenser MH3 headlamp on a mannequin head, showing the light unit's position.

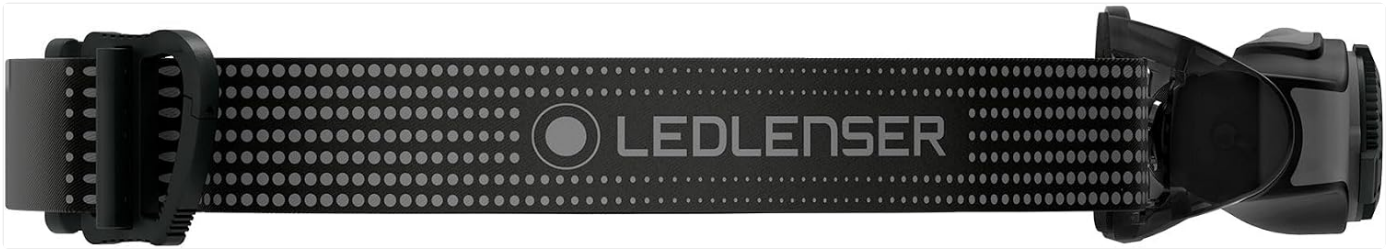


Image: Top view of the Ledlenser MH3 headlamp on a mannequin head, highlighting the overall design.



Image: A person using the Ledlenser MH3 headlamp to illuminate a map in a dark environment, demonstrating practical use.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off and Light Modes

The MH3 offers two primary light functions: Power and Low Power.

- **Power Mode:** Provides maximum brightness (200 lumens) for extensive illumination.
- **Low Power Mode:** Provides reduced brightness (20 lumens) for extended battery life and close-range tasks.

Press the power button once to turn on the headlamp. Subsequent presses will cycle through the available light modes. Press and hold the button to turn off the headlamp.

5.2. Advanced Focus System

The Advanced Focus System allows for seamless transition between a broad floodlight and a sharply focused spotlight. Rotate the bezel of the lamp head to adjust the beam according to your needs.

5.3. Dimmable Function

The MH3 features a dimmable function for precise adjustment of luminosity. While the headlamp is on, press and hold the power button to gradually dim or brighten the light. Release the button when the desired brightness level is reached.

5.4. Versatile Mounting System

The innovative mounting system allows the lamp head to be easily detached from the headband. This enables the MH3 to be used as a handheld light or clipped to clothing or gear for flexible illumination options.

Your browser does not support the video tag.

Video: Demonstration of the Ledlenser MH3 headlamp's features, including its adjustable head strap and light beam. This video shows the headlamp being worn and adjusted on a mannequin head, highlighting its versatility.

6. MAINTENANCE

- **Cleaning:** Wipe the headlamp with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries when the light output diminishes. Always use fresh, compatible batteries.
- **Storage:** Store the headlamp in a cool, dry place when not in use. Remove batteries for long-term storage to prevent leakage.
- **Water Resistance:** The MH3 has an IP54 water resistance rating, meaning it is protected against dust and splashing water. Do not submerge the headlamp in water.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Headlamp does not turn on.	Dead or incorrectly inserted battery.	Replace battery or check polarity.
Light output is dim.	Low battery power.	Replace battery.
Beam is not focusing properly.	Focus mechanism obstructed or dirty.	Clean the lens and focus mechanism. Ensure smooth rotation.

8. SPECIFICATIONS

Feature	Detail
Brand	Ledlenser
Model	MH3 (501597)
Luminosity (MAX)	200 lumens
Luminosity (MIN)	20 lumens
Lighting Range (MAX)	130 meters (427 ft)
Battery Duration (MAX)	35 hours
Battery Duration (MIN)	4.5 hours

Feature	Detail
Battery Type	1 x Mignon (AA) 1.5V
Water Resistance	IP54
Head Diameter	31 mm (1.22 in)
Weight	92 g (3.25 oz)
Power Source	Battery Powered
Light Source Type	LED
Material	Plastic

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Ledlenser website or contact their customer service department. Keep your proof of purchase for warranty claims.

Ledlenser Official Website: www.ledlenser.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question