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› Ledlenser HF4R Core Rechargeable Headlamp Instruction Manual

Ledlenser HF4R Core

Ledlenser HF4R Core Rechargeable Headlamp Instruction Manual

Model: HF4R Core

Brand: Ledlenser

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and care of your Ledlenser HF4R Core rechargeable headlamp. Please read this manual thoroughly before first use and retain it for future reference.

SAFETY INSTRUCTIONS

- Do not look directly into the light beam to avoid eye injury.
- Keep the headlamp out of reach of children.
- Do not attempt to disassemble the headlamp; this will void the warranty.
- Use only the provided magnetic charging cable or a compatible Ledlenser magnetic charging cable.
- Avoid exposing the headlamp to extreme temperatures or direct heat sources.

PACKAGE CONTENTS

- Ledlenser HF4R Core Headlamp
- Magnetic Charging Cable
- Connect Adapter

PRODUCT OVERVIEW

The Ledlenser HF4R Core is a lightweight, rechargeable headlamp designed for various activities requiring hands-free illumination. It features a slim profile, multiple light modes, and a convenient magnetic charging system.



Image: The Ledlenser HF4R Core headlamp, showcasing its compact design and adjustable strap.

SETUP

Adjusting the Head Strap

The elastic head strap is fully adjustable to ensure a comfortable and secure fit for various head sizes or when worn over a helmet. Slide the buckles on either side of the strap to tighten or loosen it as needed.



Image: An illustration demonstrating how to adjust the headlamp strap for a secure and comfortable fit.

CHARGING

Magnetic Charge System

The HF4R Core headlamp features a magnetic charging system for convenient and hassle-free recharging. Simply connect the magnetic end of the charging cable to the charging port on the headlamp. The other end of the cable connects to a standard USB power source (e.g., wall adapter, computer USB port).

Battery Status Indicator

The headlamp is equipped with a battery level indicator, typically a series of LED lights, to display the current charge status. These lights will illuminate during charging and indicate the remaining battery capacity during use. Green lights usually signify a high charge, while fewer or red lights indicate a lower charge, prompting a recharge.



**CONNECTING
SYSTEM**



**+ ACTION
CAMERA
MOUNT**

The HF Series can be connected to a wide selection
of accessories. Sold separately.



Resistent to continuous immersion in water IP68
Ultra-slim and lightweight , 2.5 oz weight



**TEMPERATURE
CONTROL SYSTEM**

Image: The Ledlenser HF4R Core headlamp connected to its magnetic charging cable, with visible battery level indicator lights.

OPERATION

Powering On/Off and Light Modes

Press the power button, located on the top of the headlamp, to cycle through the various light modes: Power, Mid Power, Low Power, and Boost. A long press of the button typically turns the headlamp off. The headlamp may also feature a memory function, recalling the last used mode.

MIN - ☀️ **20 - 500 Lumens** ➡️ **15 - 130m Beam Distance** ⌚ **2.5 - 35h Run Time**
MAX

2.5 oz.



LIGHT FUNCTIONS

Power



Mid Power



Low Power



Boost



Image: A diagram illustrating the different light functions (Power, Mid Power, Low Power, Boost) and their associated brightness levels and run times.

Red Light Function

The headlamp includes a red front light, which is beneficial for preserving night vision, reading maps in low-light conditions, or for signaling without disturbing others. Refer to the product's quick start guide for specific button press sequences to activate the red light mode.

Tilting the Lamp Head

The lamp head can be steplessly tilted up to 45 degrees. This allows you to precisely direct the light beam to your desired area, whether for close-up tasks or illuminating a path ahead. Gently adjust the lamp head to achieve the optimal angle.

HF4R CORE



Image: The Ledlenser HF4R Core headlamp with its lamp head tilted at a 45-degree angle, demonstrating its adjustability.

Fusion Beam Technology

The HF4R Core utilizes Fusion Beam technology, which combines individually adjustable flood and spot lights. This innovative feature provides optimal illumination for both close-range tasks and long-distance viewing, adapting to various lighting needs.

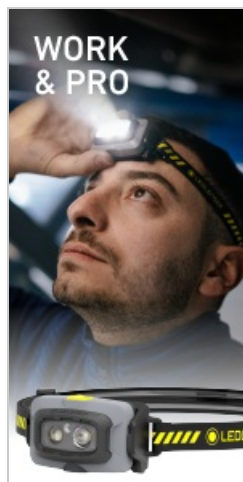


Image: An icon representing Fusion Beam technology, symbolizing the combination of flood and spot lighting.

MAINTENANCE

Cleaning

Clean the headlamp with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the device. Ensure the charging port is free of dirt and debris before charging.

Storage

Store the headlamp in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to charge the battery to approximately 50% capacity to help prolong its overall lifespan.

Water Resistance (IP68)

The Ledlenser HF4R Core is rated IP68, meaning it is resistant to continuous immersion in water up to 1.5 meters for 30 minutes. Before exposing the headlamp to water, ensure that the magnetic charging port cover is securely closed to maintain its water resistance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Headlamp does not turn on.	Battery is depleted.	Charge the headlamp using the magnetic charging cable.
Light output is dim.	Low battery or incorrect mode selected.	Recharge the battery. Cycle through light modes to select a brighter setting.
Headlamp not charging.	Charging cable not properly connected or faulty USB power source.	Ensure the magnetic cable is securely attached to the headlamp. Try a different USB power source. Clean charging contacts if necessary.

SPECIFICATIONS

- **Model:** HF4R Core
- **Brightness:** 20 - 500 Lumens
- **Beam Distance:** 15 - 130 meters
- **Run Time:** 2.5 - 35 hours
- **Weight:** 2.5 ounces (71g)
- **Dimensions:** 1.65"D x 2.83"W x 8.2"H (4.2cm D x 7.2cm W x 20.8cm H)
- **Battery:** 1 Lithium Polymer (included)
- **Water Resistance:** IP68 (Resistant to continuous immersion in water)
- **Material:** Polycarbonate
- **Special Features:** Adjustable Focus, Adjustable Light Modes, High Power, Rechargeable, Temperature Control System, Red Light, Memory Function, Backup Mode, Battery and Charge Indicator.

HF4R CORE



MAGNETIC
CHARGING SYSTEM



Battery Level
Indicator

Wall charging unit
sold separately

INCLUDES
Connect adapter, magnetic charging cable USB-C

Image: An overview of the Ledlenser HF4R Core's key specifications, including lumens, beam distance, and run time.

WARRANTY AND SUPPORT

Your Ledlenser HF4R Core headlamp comes with a **7-Year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use. For warranty claims, technical support, or further assistance, please contact Ledlenser customer service or visit the official Ledlenser website.

For more information, visit: [Ledlenser Official Store](#)