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› Ledlenser HF4R Core Headlamp User Manual

Ledlenser HF4R Core

Ledlenser HF4R Core Headlamp User Manual

Model: HF4R Core (502790) | Brand: Ledlenser

PRODUCT OVERVIEW

The Ledlenser HF4R Core is a slim, lightweight, and rechargeable headlamp designed for hands-free illumination. It features three brightness levels, including a red front light, and provides a bright, perfectly balanced light pattern with two light sources for both short and long-range illumination. Its efficient battery is easily rechargeable via the Magnetic Charge System, which also includes a battery status indicator. The lamp head is steplessly tilting for optimal light positioning, and the device is resistant to continuous immersion in water (IP68).



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

SETUP

Initial Charging

Before first use, fully charge the headlamp. The Ledlenser HF4R Core utilizes a convenient Magnetic Charge System.

- Locate the magnetic charging port on the headlamp.
- Connect the provided magnetic charging cable (USB-C) to the headlamp's magnetic port.
- Plug the USB-C end of the cable into a compatible USB power adapter (not included) or a computer USB port.
- The battery status indicator lights will illuminate during charging. A full charge is indicated when all lights are solid green.



MAGNETIC CHARGING SYSTEM



Battery Level Indicator



Wall charging unit
sold separately

INCLUDES
Connect adapter, magnetic charging cable USB-C

Image: Close-up of the Ledlenser HF4R Core headlamp showing the magnetic charging port and battery level indicator lights.

Wearing the Headlamp

Adjust the elastic headband for a comfortable and secure fit on your head. The headlamp should sit firmly without being too tight.

OPERATING INSTRUCTIONS

Power On/Off and Brightness Modes

The HF4R Core features multiple light functions and brightness levels:

- **Power Button:** Located on the top of the headlamp.
- **To Turn On/Off:** Press and hold the power button for approximately 1 second.
- **Cycle Brightness Modes:** Once on, short press the power button to cycle through modes: Low Power, Mid Power, Power, and Boost.

- **Red Front Light:** The headlamp also includes a red light for preserving night vision. Consult the full manual for specific activation steps for the red light.

MIN

MAX

☀️

20 - 500 Lumens

🔦

15 - 130m Beam Distance

🕒

2.5 - 35h Run Time

2.5 oz.



LIGHT
FUNCTIONS

Power

Mid Power

Low Power

Boost

Image: Diagram illustrating the various light functions and their corresponding lumen outputs and beam distances for the HF4R Core headlamp.

Adjusting Beam Angle

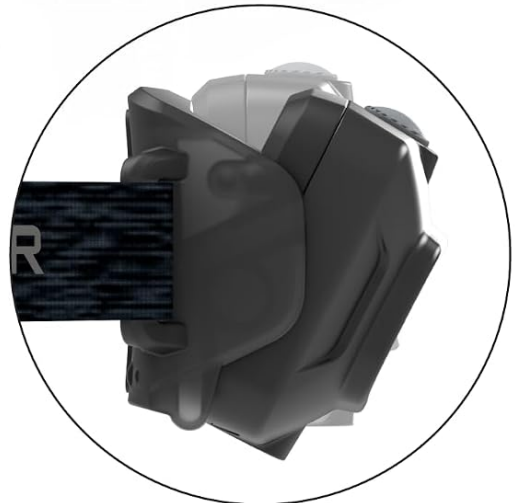
The lamp head is steplessly tilting, allowing you to direct the light precisely where needed. Gently tilt the lamp head up or down to adjust the beam angle.

HF4R CORE



FUSION BEAM

Individually adjustable flood and spot light provide excellent illumination



45° step less tilting lamp head

Image: Illustration showing the 45-degree stepless tilting capability of the headlamp's lamp head.

Fusion Beam Technology

The HF4R Core features Fusion Beam technology, which allows for individually adjustable flood and spot light. This provides excellent illumination for both close-range and far-range viewing. The headlamp automatically blends these light sources for optimal visibility.

Transport Lock

To prevent accidental activation during transport or storage, the headlamp is equipped with a transport lock. Refer to the full product manual for instructions on how to activate and deactivate this feature.

Your browser does not support the video tag.

Video: An official Ledlenser video demonstrating the features of the HF4R Core headlamp, including its light modes, charging, and water resistance.

MAINTENANCE

Charging

Regularly charge your headlamp to maintain optimal battery performance. The battery status indicator will help you monitor the charge level. Avoid completely draining the battery before recharging.

Cleaning

Wipe the headlamp body and lens with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the magnetic charging port is clean and free of debris before charging.

Water Resistance (IP68)

The Ledlenser HF4R Core is rated IP68, meaning it is resistant to continuous immersion in water. While designed for durability in wet conditions, always ensure the charging port is dry before connecting the charging cable.



Image: A visual representation highlighting the IP68 water resistance of the Ledlenser HF4R Core headlamp.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Headlamp does not turn on.	Battery is depleted. Transport lock is active.	Charge the headlamp fully. Deactivate the transport lock (refer to manual).
Light output is dim.	Low battery charge. Lens is dirty.	Recharge the headlamp. Clean the lens with a soft cloth.
Magnetic charging not working.	Charging port or cable is dirty/damaged.	Ensure charging contacts are clean. Check cable for damage. Try a different USB power source.

If you encounter issues not listed here, please refer to the comprehensive troubleshooting section in the full product manual or contact Ledlenser customer support.

SPECIFICATIONS

Feature	Detail
Brand	Ledlenser
Model	HF4R Core (502790)
White Brightness	500 Lumens (Max)

Feature	Detail
Light Path Distance	100 Meters (Max)
Runtime	2 hours (at max brightness) - 35 hours (at min brightness)
Power Source	Battery Powered
Battery Type	1 Lithium Polymer (included)
Charging System	Magnetic Charge System
Water Resistance Level	IP68 (Resistant to continuous immersion in water)
Material	Polycarbonate
Item Weight	2.5 Ounces
Product Dimensions	1.65"D x 2.83"W x 8.2"H
Special Features	Adjustable Focus, Adjustable Light Modes, High Power, Rechargeable, Red light, Memory Function, Backup Mode, Battery and charge indicator, Temperature Control system

WARRANTY AND SUPPORT

The Ledlenser HF4R Core Headlamp comes with a 7-Year Limited Warranty. For warranty claims, technical support, or further inquiries, please visit the official Ledlenser website or contact their customer service department. Keep your proof of purchase for warranty validation.

For more information, visit the [Ledlenser Store on Amazon](#).

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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

Anonymous

Email

you@example.com

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