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Fenix HM55R

Fenix HM55R Rechargeable Headlamp

INSTRUCTION MANUAL

Introduction

The Fenix HM55R is a high-performance rechargeable headlamp designed for various outdoor activities. It features a powerful 1200-lumen output, offering both spotlight and floodlight options, along with a red light mode. This lightweight and durable headlamp is equipped with USB-C charging and is built to withstand challenging environmental conditions.



A person wearing the Fenix HM55R headlamp, demonstrating its powerful beam on the ground in a dark outdoor setting.

Package Contents

- Fenix HM55R Headlamp
- ARB-L18-1600 Rechargeable Battery
- USB Type-C Charging Cable
- Headband
- Spare O-ring
- Warranty Card
- User Manual

Operating Instructions

Power On/Off

- **To Turn On:** Press and hold the side switch for approximately 0.5 seconds to activate the white light (spotlight mode).
- **To Turn Off:** Press and hold the side switch for approximately 0.5 seconds.

Switching White Light Modes (Spotlight/Floodlight)

- When the white light is on, press and hold the side switch for 1.2 seconds to switch between spotlight and floodlight modes.

Adjusting Brightness (White Light)

- In either spotlight or floodlight mode, single-click the side switch to cycle through brightness levels: Low → Medium → High → Turbo. The headlamp features intelligent memory, recalling the last used brightness level for each mode.

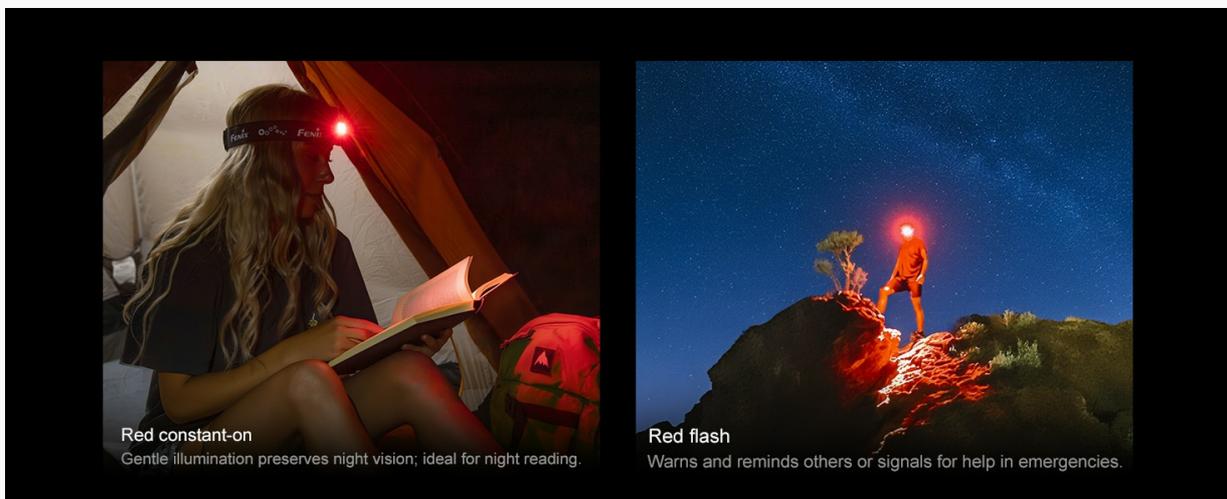


Diagram illustrating the fast and simple operation of the Fenix HM55R, including white light and red light mode selection.

Activating Red Light Modes

- When the headlamp is off, double-click the side switch to activate the red light. It will start in constant-on mode.

Adjusting Red Light Mode

- In red light mode, single-click the side switch to switch between Red Constant-On and Red Flash.



Two images side-by-side showing the Fenix HM55R's spotlight mode for focused long-range illumination and floodlight mode for wide-area lighting.

Proximity Sensor Function

- The headlamp automatically dims brightness when objects are close to reduce glare and prevent overheating.

Tilt Mechanism

- The headlamp unit can be tilted to adjust the beam angle, directing light precisely where needed.

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An official product video from Lumen Tactical demonstrating the Fenix HM55R headlamp's features, including its compact size, powerful output, and various lighting modes. The video highlights its versatility for different outdoor activities and ease of use.

Charging

Charging the Headlamp

- The Fenix HM55R features a waterproof USB-C charging port located on the side of the headlamp unit.
- To charge, open the rubber cover of the USB-C port and connect the provided USB Type-C charging cable to a power source.
- A full charge takes approximately 2.5 hours when using a Fenix ARB-L18-1600 battery.
- The charging indicator light will show the charging status.



A close-up view of the Fenix HM55R headlamp with a USB-C cable connected, indicating its charging capability.

Technical Specifications

Feature	Specification
Model	HM55R
Max Output	1200 Lumens
Max Beam Distance	175 meters (191 yards)

Feature	Specification
Light Source Type	LED
Power Source	Battery Powered (1 Nonstandard Battery included)
Battery Cell Composition	Lithium Ion (ARB-L18-1600)
Charging Port	USB-C
Material	Anodized Aluminum
Water Resistance Level	Waterproof (IP68)
Impact Resistance	2 meters
Item Weight	3.68 ounces (0.23 Pounds)
Product Dimensions	1.73"D x 2.52"W x 1.34"H
Special Features	Adjustable Focus, High Lumens, Lightweight, Rechargeable, Weatherproof

Care and Maintenance

- **Cleaning:** Clean the headlamp body with a soft cloth. For waterproof seals, ensure no debris is present.
- **Battery Storage:** If storing the headlamp for an extended period, remove the battery and store it separately in a cool, dry place. Recharge the battery every four months to maintain optimal performance.
- **O-ring Maintenance:** Regularly inspect the O-ring for wear and tear. Replace if damaged to maintain the headlamp's waterproof rating. Lubricate with silicone grease as needed.

Troubleshooting

- **Headlamp does not turn on:** Check if the battery is correctly inserted and fully charged. Ensure the battery cap is tightened.
- **Light output is dim or flickers:** The battery may be low. Recharge or replace the battery. Clean the battery contacts if necessary.
- **Red light not working:** Ensure the headlamp is off before double-clicking to activate red light mode.
- **Headlamp overheats:** The proximity sensor should automatically dim the light. If overheating persists, reduce the brightness level.

Warranty and Support

The Fenix HM55R Headlamp comes with a Limited Warranty. For detailed warranty terms and conditions, please refer to the included Warranty Card or visit the official Fenix website.

For technical support, service, or replacement parts, please contact Fenix customer service or the authorized dealer from whom you purchased the product. Keep your purchase receipt for warranty claims.

[Visit the Fenix Store for more information.](#)

