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## Fenix HM23 V2.0

# Fenix HM23 V2.0 300 Lumen AA Battery Headlamp User Manual

Model: HM23 V2.0

## INTRODUCTION

The Fenix HM23 V2.0 is a compact and versatile headlamp designed for various outdoor activities and everyday use. Featuring a powerful Luminus SST20 LED, it delivers a maximum output of 300 lumens with a beam distance of 88 meters. Its quick-release design allows for use as both a headlamp and a right-angle flashlight. Powered by a single AA battery, it offers efficient power and a long runtime. This manual provides detailed instructions for the safe and effective operation of your Fenix HM23 V2.0 headlamp.



*The Fenix HM23 V2.0 headlamp shown with its adjustable headband, ready for use.*

## PACKAGE CONTENTS

Please check the package for the following items:

- Fenix HM23 V2.0 Headlamp
- Headband
- AA Alkaline Battery
- Replacement O-Ring
- Instruction Manual

## SETUP

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### Battery Installation

1. Unscrew the tail cap of the headlamp counter-clockwise to open the battery compartment.
2. Insert one AA battery (Alkaline, Ni-MH, or Li-ion 1.5V) with the positive (+) terminal facing towards the head of the lamp.
3. Screw the tail cap back on clockwise until it is fully tightened. Ensure the O-ring is properly seated to maintain water resistance.



*The Fenix HM23 V2.0 headlamp with its battery compartment open, revealing the AA battery slot. This image illustrates the easy access for battery replacement.*

### Headband Attachment

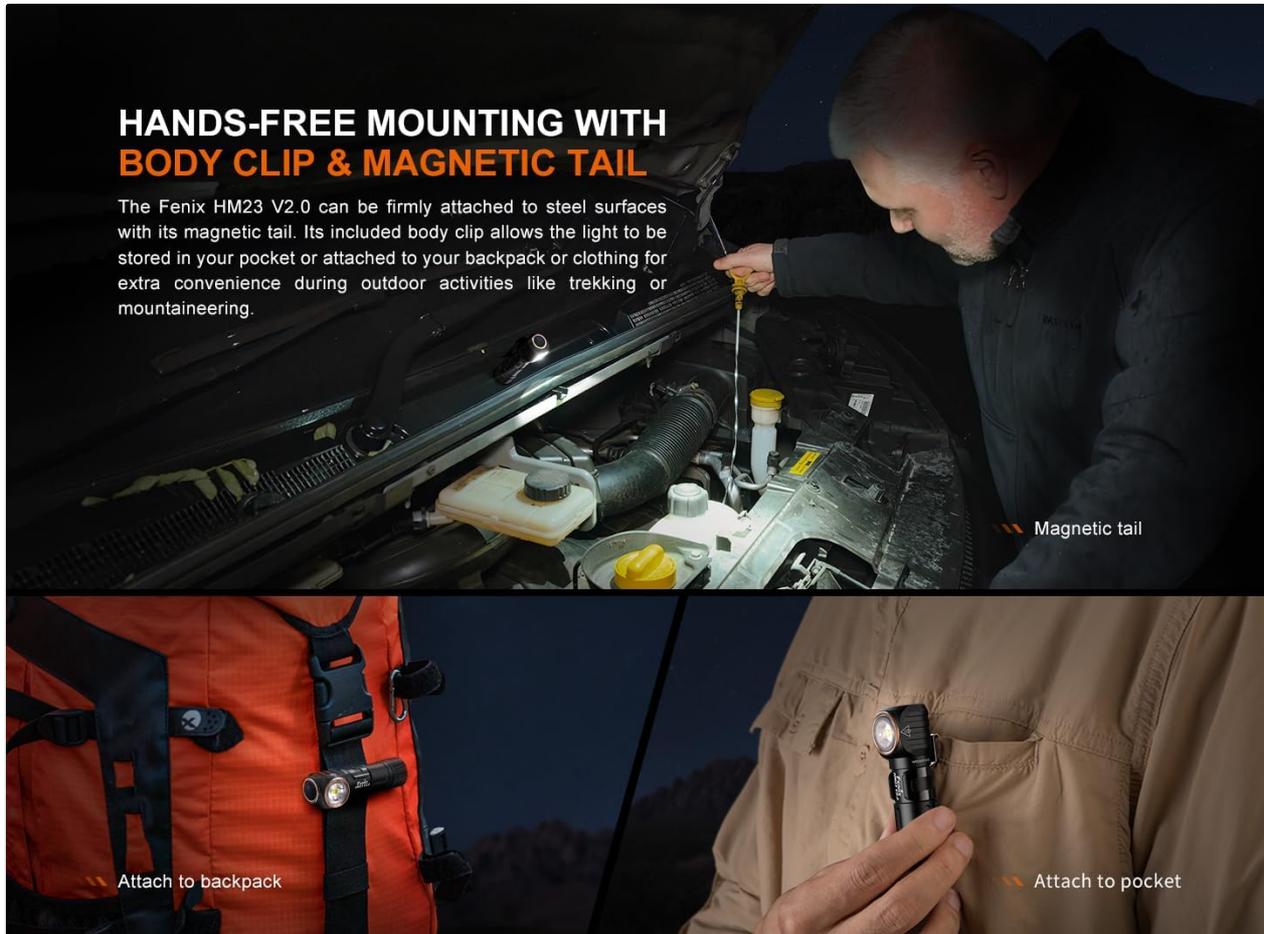
The headlamp can be easily attached to or detached from the included headband. Slide the headlamp into the bracket on the headband until it clicks securely into place. To detach, press the release tab on the bracket and slide the headlamp out.

### Mounting Options

The Fenix HM23 V2.0 features a quick-release design and a dual-function pocket clip, allowing it to be used in

various ways:

- **Headlamp:** Attached to the headband for hands-free illumination.
- **Right-Angle Flashlight:** Detached from the headband and used as a compact handheld light.
- **Pocket/Gear Clip:** The integrated body clip allows attachment to pockets, backpack straps, or other gear.
- **Magnetic Tail:** The magnetic base allows the headlamp to be securely attached to metal surfaces for hands-free work.



*Examples of the Fenix HM23 V2.0 headlamp's versatile mounting options: securely attached to a backpack strap and conveniently clipped to a shirt pocket, demonstrating its hands-free capabilities.*

## OPERATING INSTRUCTIONS

The Fenix HM23 V2.0 is operated by a single large button switch located on the side of the headlamp.

### Power On/Off

- **To Turn On:** Press and hold the switch for 0.5 seconds. The headlamp will activate in the last used white light mode.
- **To Turn Off:** Press and hold the switch for 0.5 seconds.

### White Light Modes

When the headlamp is on, single-click the switch to cycle through the white light modes: Low → Med → High.

### Red Light Modes

When the headlamp is switched off, double-click the switch within 0.5 seconds to activate the red light mode.

Single-click to cycle between Red Constant-on → Red Flash.

## Mode Memory

The headlamp remembers the last selected white light output level. When turned on again, it will activate in that mode. The red light modes do not have a memory function; it will always start in Red Constant-on when activated.

## Adjustable Beam Angle

The headlamp features a 150-degree adjustable beam angle, allowing you to direct the light precisely where needed. Simply tilt the headlamp body up or down within its bracket.



*An illustration demonstrating the single-button operation of the Fenix HM23 V2.0 headlamp, detailing how to access white light modes (Low, Med, High) and red light modes (Constant-on, Flash) through long presses and double clicks.*

## MAINTENANCE

- **Cleaning:** Periodically clean the headlamp body with a soft cloth. For stubborn dirt, use a mild detergent.
- **O-Ring Maintenance:** Inspect the O-ring regularly for wear and tear. Replace it if damaged to maintain the IP68 waterproof rating. Lubricate the O-ring with silicone grease as needed.
- **Battery Care:** Remove the battery if the headlamp will not be used for an extended period to prevent leakage. Store batteries in a cool, dry place.
- **Thread Cleaning:** Clean the threads of the tail cap and battery compartment regularly to ensure good electrical contact and smooth operation.

## TROUBLESHOOTING

If your Fenix HM23 V2.0 headlamp is not functioning correctly, please try the following steps:

- **Headlamp does not turn on:**

- Check if the battery is inserted correctly with the positive (+) terminal facing the head.
- Ensure the battery has sufficient charge. Try replacing it with a new or fully charged battery.
- Confirm the tail cap is fully tightened to ensure proper electrical contact.
- Clean the battery contacts and threads with a clean cloth.

- **Light output is dim or flickers:**

- The battery may be low. Replace or recharge the battery.
- Ensure the battery contacts are clean and free from corrosion.

- **Water ingress:**

- Check the O-ring for damage or improper seating. Replace or reposition as necessary.
- Ensure the tail cap is fully tightened.

If the problem persists after trying these steps, please contact Fenix customer support for further assistance.

## SPECIFICATIONS

Feature	Detail
Model Number	HM23 V2.0
Light Source	Luminus SST20 LED
White Brightness	Up to 300 Lumens
Beam Distance	Up to 88 meters (289 feet)
Power Source	1 x AA Battery (Alkaline, Ni-MH, or Li-ion 1.5V)
Runtime	Up to 100 hours (on Low mode)
Material	Anodized Aluminum Alloy
Water Resistance Level	IP68 (Submersible to 2 meters for 30 minutes)
Impact Resistance	1 meter
Adjustable Angle	150 degrees
Item Weight	86.3 Grams (including battery)
Item Dimensions (L x W x H)	1.42"L x 1.18"W x 2.9"H
Special Features	Adjustable, Handsfree, Waterproof, Shockproof, Magnetic Base

## WARRANTY INFORMATION

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The Fenix HM23 V2.0 headlamp comes with a limited warranty. For detailed information regarding warranty coverage, terms, and conditions, please refer to the official Fenix website or contact your authorized Fenix dealer. Please retain your purchase receipt as proof of purchase for warranty claims.

## **CONTACT AND SUPPORT**

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For further assistance, technical support, or to inquire about Fenix products, please visit the official Fenix website at [www.fenixlight.com](http://www.fenixlight.com) or contact your local Fenix distributor.