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Streamlight 61424

Streamlight Enduro Pro HAZ-LO Headlamp Instruction Manual

Model: 61424
Brand: Streamlight

PRODUCT OVERVIEW

The Streamlight Enduro Pro HAZ-LO is a low-profile, multi-function headlamp designed for various tasks, including use in hazardous locations. It features multiple lighting modes and durable construction for reliable performance.



Image: Streamlight Enduro Pro HAZ-LO Headlamp with elastic head strap attached.

Key Features:

- **Hands-Free Operation:** Designed for convenience, allowing users to keep their hands free while working or engaging in activities.
- **Industrial Grade & Safety Rated:** Class 1, Div 1 Safety rated, suitable for hazardous locations.
- **Multi-Function Lighting:** Features three modes: spot for focused beam, flood for soft area illumination, and a spot/flood combo for maximum output.

- **Powerful Illumination:** Spot/Flood combo delivers 235 lumens. Spot mode provides 160 lumens with a 73-meter beam distance. Flood mode offers 160 lumens with a 20-meter beam distance.
- **Adjustable Head:** A 45-degree tilting head allows for precise light direction.
- **Durable Construction:** IP67 waterproof and 2-meter impact tested, made from rugged thermoplastic with polycarbonate lenses.
- **Lightweight Design:** Weighs less than 4 ounces for comfortable wear.

SETUP AND ASSEMBLY

1. Battery Installation:

The Enduro Pro HAZ-LO headlamp requires 3 AAA alkaline batteries (included). To install or replace batteries:

1. Locate the battery compartment on the back of the headlamp unit.
2. Use a small flat-head screwdriver to carefully open the battery compartment cover.
3. Insert the 3 AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Securely close the battery compartment cover.



Image: Close-up view of the battery compartment, indicating where to insert AAA batteries.

2. Attaching the Head Strap:

The headlamp comes with two strap options: an elastic head strap and a rubber hard hat strap. It also includes 3M Dual Lock fasteners for strapless mounting.

- **Elastic Head Strap:** Thread the elastic strap through the loops on the headlamp unit. Adjust the strap for a comfortable and secure fit around your head.
- **Rubber Hard Hat Strap:** For use with hard hats, attach the rubber strap through the headlamp loops. The rubber material provides a secure grip on hard hat surfaces.
- **3M Dual Lock Fasteners:** For direct attachment to hard hats without a strap, apply the 3M Dual Lock fasteners to the back of the headlamp and the desired location on your hard hat. Ensure surfaces are clean and dry before application for optimal adhesion.



Image: The Streamlight Enduro Pro HAZ-LO headlamp shown with the elastic head strap attached, ready for use.



**Includes rubber hard hat strap and
3M® Dual Lock® for strapless mounting**

Image: Two white hard hats demonstrating the attachment of the Streamlight Enduro Pro HAZ-LO headlamp using the rubber strap and 3M Dual Lock fasteners for secure mounting.

OPERATING INSTRUCTIONS

The Enduro Pro HAZ-LO headlamp features a multi-function push-button switch for easy operation, even with gloves.

Lighting Modes:

- **Spot Mode:** Provides a focused beam for long-distance illumination. Ideal for inspecting specific areas or navigating in the dark.
- **Flood Mode:** Offers a soft, wide area illumination that reduces eye strain. Suitable for close-up work or general area lighting.
- **Spot/Flood Combo Mode:** Combines both beams for maximum light output and coverage.

Switch Operation:

1. Press the power button once to activate the default lighting mode (refer to product packaging for default setting).
2. Press the button repeatedly to cycle through the available lighting modes (Spot, Flood, Combo).
3. To turn off the headlamp, press and hold the button for approximately 1 second, or cycle through all modes until the light turns off.

Tilting Head:

The headlamp unit can be tilted up to 45 degrees to direct the light precisely where needed. Gently adjust the headlamp to your desired angle.



Video: A closer look at the Streamlight Enduro Pro HAZ-LO headlamp, demonstrating its features and operation, including the different lighting modes and adjustable head.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Streamlight Enduro Pro HAZ-LO headlamp.

- **Cleaning:** Wipe the headlamp body and lens with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the thermoplastic construction or polycarbonate lenses.
- **Battery Care:** Remove batteries if the headlamp will not be used for an extended period to prevent leakage and corrosion.
- **Waterproof Rating:** The headlamp is IP67 waterproof, meaning it is protected from dust and can withstand immersion in water up to 1 meter for 30 minutes. Ensure the battery compartment is securely closed before exposure to water.
- **Storage:** Store the headlamp in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you experience issues with your Streamlight Enduro Pro HAZ-LO headlamp, try the following troubleshooting steps:

Problem	Possible Cause	Solution
Headlamp does not turn on.	Dead or improperly installed batteries.	Replace batteries with fresh AAA alkaline batteries, ensuring correct polarity.

Problem	Possible Cause	Solution
Light is dim or flickers.	Low battery power or loose battery connection.	Replace batteries. Ensure battery compartment is tightly closed.
Headlamp does not cycle through modes.	Switch malfunction or low battery.	Replace batteries. If problem persists, contact customer support.
Water ingress after exposure.	Battery compartment not properly sealed.	Ensure battery compartment cover is fully and securely closed before water exposure. Dry the unit thoroughly if water has entered.

SPECIFICATIONS

Feature	Detail
Model Number	61424
Manufacturer	Streamlight
Item Weight	3.5 ounces
Product Dimensions	1.5 x 2.19 x 2 inches
Power Source	Battery Powered (3 AAA Alkaline batteries included)
Luminous Flux (Spot/Flood Combo)	235 lumens
Luminous Flux (Spot)	160 lumens, 1320 candela
Luminous Flux (Flood)	160 lumens, 100 candela
Beam Distance (Spot)	73 meters
Beam Distance (Flood)	20 meters
Run Time (Spot/Flood Combo)	4.75 hours
Run Time (Spot/Flood)	5 hours
Material	Thermoplastic
Waterproof Rating	IP67 (Waterproof to 1 meter for 30 minutes)
Impact Resistance	2-meter impact tested
Safety Rating	Class I, Division 1
Included Components	User Guide, Elastic head strap, Rubber hard hat strap, 3M Dual Lock fasteners, 3 AAA Batteries







WARRANTY AND SUPPORT

The Streamlight Enduro Pro HAZ-LO headlamp is backed by a limited lifetime warranty.

For warranty claims, technical support, or additional product information, please visit the official Streamlight website or contact their customer service department.

You can also visit the [Streamlight Store on Amazon](#) for more products and resources.

Related Documents - 61424

	<p>Streamlight SLEDGE Rugged Multi-Fuel Flood Headlamp - Specifications and Features</p> <p>Detailed overview of the Streamlight SLEDGE headlamp, including its rugged design, multi-fuel capability, output specifications (lumens, distance, run time), battery options, material durability, dimensions, and available accessories. Ideal for professionals.</p>
	<p>Streamlight ProTac® 2.0 Stirnlampe Bedienungsanleitung</p> <p>Umfassende Anleitung für die Streamlight ProTac® 2.0 Stirnlampe, einschließlich Ladeanweisungen, Bedienung, Sicherheitshinweisen und Garantiefinformationen.</p>
	<p>Streamlight Protac 2.0 Rail Mount Tactical Weapon-Mounted Flashlight</p> <p>Detailed information on the Streamlight Protac 2.0 Rail Mount, a high-lumen tactical weapon-mounted flashlight featuring USB-C rechargeable battery, multiple output modes, programmable switch, and durable construction. Includes specifications, included accessories, and warranty.</p>
	<p>Streamlight Vantage 180 X USB: Operating Instructions, Safety, and Features</p> <p>Official operating instructions for the Streamlight Vantage 180 X USB flashlight. Learn about its features, safety precautions, battery installation, charging, helmet mounting, maintenance, and warranty. Includes detailed descriptions of diagrams and multilingual content merged into English.</p>
	<p>Streamlight ProTac Rail Mount 1 Operating Instructions and Warranty</p> <p>Official operating instructions and limited lifetime warranty information for the Streamlight ProTac Rail Mount 1 tactical flashlight. Learn about installation, battery replacement, operation modes, mounting, and maintenance.</p>
	<p>Streamlight Nano Light II: Operating Instructions and Safety Information</p> <p>Comprehensive operating instructions, safety guidelines, warranty details, and service options for the Streamlight Nano Light II portable LED flashlight.</p>