

## NICRON H40

# NICRON H40 Simple LED Headlight User Manual

## 1. INTRODUCTION

Thank you for purchasing the NICRON H40 Simple LED Headlight. This manual provides essential information for the safe and effective use of your device. Please read it thoroughly before operation and retain it for future reference.

## 2. SAFETY INFORMATION

- Do not look directly into the LED light. Direct exposure to the bright light can cause temporary vision impairment.
- Keep the device out of reach of children.
- Ensure batteries are inserted with correct polarity. Incorrect insertion can damage the device or cause battery leakage.
- Remove batteries if the device will not be used for an extended period to prevent leakage.
- Do not mix old and new batteries, or different types of batteries.
- Dispose of used batteries according to local regulations.

## 3. PACKAGE CONTENTS

- NICRON H40 Simple LED Headlight (1 unit)

**Note:** AAA batteries are not included and must be purchased separately.

## 4. PRODUCT OVERVIEW

The NICRON H40 is a compact and durable LED headlight designed for various outdoor and indoor activities. It features a simple operation and adjustable head angle.



Image 1: NICRON H40 LED Headlight with adjustable strap.



Image 2: NICRON H40 LED Headlight worn on a mannequin head, demonstrating fit.



Image 3: NICRON H40 LED Headlight held in a hand, showing its compact size.

## 5. SETUP

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### 5.1 Battery Installation

1. Locate the battery compartment cap, typically at one end of the headlight unit.
2. Unscrew or open the cap.
3. Insert three (3) AAA batteries, ensuring the positive (+) and negative (-) terminals match the indicators inside the compartment.
4. Securely close the battery compartment cap.



Image 4: Close-up of the NICRON H40 LED Headlight's power button and battery compartment cap.

## 5.2 Headband Adjustment

The elastic headband is adjustable to fit various head sizes. Pull the strap through the buckles to tighten or loosen it for a comfortable and secure fit.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Power On/Off and Brightness Switching

The NICRON H40 features a simple ON/OFF and brightness switching mechanism:

- Press the power button once to turn the headlight ON at its default brightness setting (200 lumens).
- Press the power button again to switch to the lower brightness setting (45 lumens).
- Press the power button a third time to turn the headlight OFF.

### 6.2 Head Angle Adjustment

The headlight unit can be tilted up to 45 degrees. Gently push or pull the light unit to adjust the beam angle to your desired position.

## 7. MAINTENANCE

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### 7.1 Cleaning

Wipe the exterior of the headlight with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the finish or internal components.

## 7.2 Storage

Store the headlight in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, remove the batteries.

## 7.3 Battery Replacement

Replace batteries when the light output becomes dim or inconsistent. Follow the battery installation steps in Section 5.1.

# 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Headlight does not turn on.	Dead or incorrectly inserted batteries.	Replace batteries or check polarity.
Light is dim.	Low battery power.	Replace batteries.
Headband is too loose/tight.	Incorrect adjustment.	Adjust the headband straps.

# 9. SPECIFICATIONS

- **Model:** H40
- **Light Source:** CREE LED
- **Brightness Modes:** 200 lumens (approx. 4 hours runtime), 45 lumens (approx. 18 hours runtime)
- **Maximum Illumination Distance:** 89 meters
- **Drop Resistance:** 1 meter
- **Waterproof Rating:** IP65 (Dust tight and protected against water jets from any angle)
- **Material:** ABS Resin (Body), Aluminum (Light source type)
- **Power Source:** 3 x AAA batteries (not included)
- **Product Dimensions:** 5.5 x 4 x 8 cm
- **Weight:** 90 g (without batteries)

The NICRON H40 adheres to the ANSI FL1 Standard, ensuring reliable performance metrics.


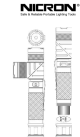






Image 5: ANSI FL1 Standard icons, indicating standardized testing for lumens, runtime, beam distance, peak beam intensity, impact resistance, and water resistance.

## 10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official NICRON website or contact your retailer. Keep your purchase receipt as proof of purchase.

### Related Documents - H40

 <p><b>Nicron B75</b> User Manual • Uživatelský manuál • Uživatelský manuál • Handbókli útvarak • Benutzerhandbuch</p>	<p><a href="#">Nicron B75 LED Flashlight User Manual and Specifications</a></p> <p>Official user manual for the Nicron B75 LED flashlight. This guide provides detailed information on features, operation, maintenance, safety precautions, and technical specifications. Content is primarily in English, with references to Czech, Slovak, Hungarian, and German language sections.</p>
 <p><b>Rechargeable Twist Flashlight B70/B70 Plus</b> User Manual • Uživatelský manuál • Uživatelský manuál • Handbókli útvarak • Benutzerhandbuch</p>	<p><a href="#">NICRON B70/B70 Plus Rechargeable Twist Flashlight User Manual</a></p> <p>Comprehensive user manual for the NICRON B70/B70 Plus rechargeable twist flashlight, covering product features, operating instructions, technical specifications, and safety precautions.</p>

	<p><a href="#">TWO TREES TTC-H40 CNC Router Product Manual and Assembly Guide</a></p> <p>Comprehensive product manual for the TWO TREES TTC-H40 CNC Router, covering unboxing, parts list, assembly instructions, wiring, safety warnings, and operation guidance.</p>
	<p><a href="#">Xiaomi Robotický vysávač H40 Návod na obsluhu</a></p> <p>Komplexný návod na obsluhu pre robotický vysávač Xiaomi H40, pokrývajúci bezpečnostné pokyny, prevádzku, údržbu, riešenie problémov a technické parametre.</p>
	<p><a href="#">H40 True Wireless Earbuds Instruction Manual   KISB</a></p> <p>Comprehensive instruction manual for KISB H40 True Wireless Earbuds, covering setup, operation, specifications, LED indicators, touch controls, and warranty information.</p>
	<p><a href="#">Nicon B75 LED Flashlight User Manual and Specifications</a></p> <p>Official user manual for the Nicon B75 LED flashlight. This guide provides detailed information on features, operation, maintenance, safety precautions, and technical specifications. Content is primarily in English, with references to Czech, Slovak, Hungarian, and German language sections.</p>