

Spriak H2401

Spriak H2401 High Lumens LED Headlamp User Manual

Model: H2401

1. INTRODUCTION

Thank you for choosing the Spriak H2401 LED Headlamp. This manual provides essential information for the safe and effective use of your headlamp. Please read it thoroughly before operation and retain it for future reference.



Image 1: Spriak H2401 LED Headlamp and included accessories.

2. WHAT'S IN THE BOX

- Head Band (x2)
- Charging Cable (x2)
- Belt Clip (x8)
- User Manual (x1)

3. PRODUCT OVERVIEW



Image 2: Labeled components of the Spriak H2401 Headlamp, including the Type-C input, USB output, power display, red warning light, motion sensor, switch, adjustable focus, and Long Beam LED chip.

The Spriak H2401 headlamp features a durable aluminum alloy body, an adjustable headband, and multiple lighting modes. It is designed for various outdoor and work activities.

4. SETUP

4.1 Charging the Headlamp

Before first use, fully charge the headlamp. The device includes a Type-C charging port for efficient power input.

1. Locate the Type-C input interface on the headlamp.
2. Connect the provided Type-C charging cable to the headlamp and a compatible 2A USB power adapter (not included).
3. The power display indicators will illuminate to show the charging progress. A full charge typically takes approximately 3.5 hours.



Image 3: Illustration of the headlamp being charged via its Type-C port and demonstrating its power bank functionality by charging a smartphone.

4.2 Adjusting the Headband

The elastic headband can be adjusted to fit various head sizes and can be worn over hard hats. The headlamp unit itself can also be angled.

1. Place the headlamp on your head or hard hat.
2. Adjust the length of the elastic strap using the buckles until it fits securely and comfortably.
3. The headlamp unit can be tilted up to 90 degrees to direct the light beam as needed.

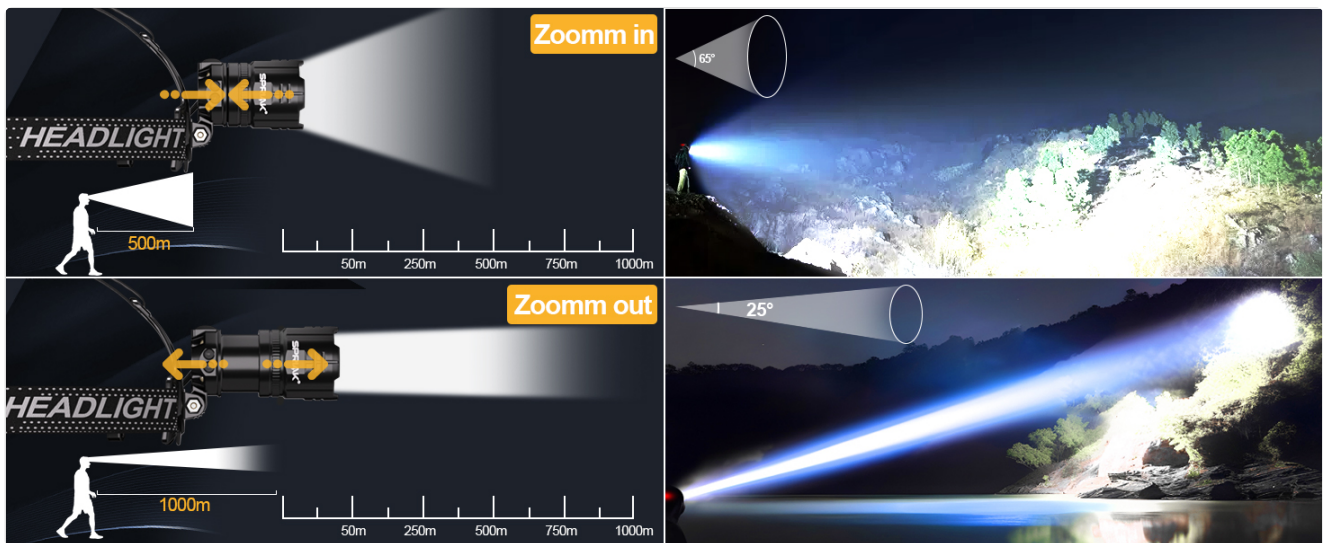


Image 4: A user adjusting the headlamp on their head, demonstrating the 90-degree tilt capability of the light unit.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Light Modes

The headlamp features 5 distinct lighting modes and a motion sensor function.

1. **Power On:** Press the power button once to turn on the headlamp.
2. **Cycle Modes:** Each subsequent press of the power button will cycle through the modes in the following order: High → Low → Moonlight → Flash → SOS.
3. **Direct Off:** If the headlamp has been operating in any mode for more than 5 seconds, a single press of the power button will turn it off directly, without cycling through remaining modes.
4. **Red Warning Light:** When the headlamp is on, the red warning light on the battery pack also activates for enhanced visibility.



Image 5: Visual representation of the five light modes (High, Low, Moonlight, Flash, SOS) and the red indicator light for warning during use.

5.2 Motion Sensor Mode

The motion sensor allows for hands-free control of the headlamp.

1. **Activate Motion Sensor:** With the headlamp on, long press the power button for 3 seconds to activate the Motion Sensor Mode. A blue indicator light will illuminate to confirm activation.

2. **Control Light:** Wave your hand in front of the headlamp to turn the light on or off.
3. **Deactivate Motion Sensor:** Long press the power button for 3 seconds again to exit Motion Sensor Mode.



Image 6: Instructions for activating the motion sensor mode by long-pressing the button for 3 seconds, indicated by a blue light, and how to use it for hands-free operation.

5.3 Zoom Function

The headlamp features an adjustable focus to switch between a wide floodlight and a focused spotlight.

1. To adjust the beam, gently slide the front part of the headlamp forward or backward.
2. Sliding forward will narrow the beam for a focused spotlight (long distance).
3. Sliding backward will widen the beam for a broad floodlight (wide illumination angle).

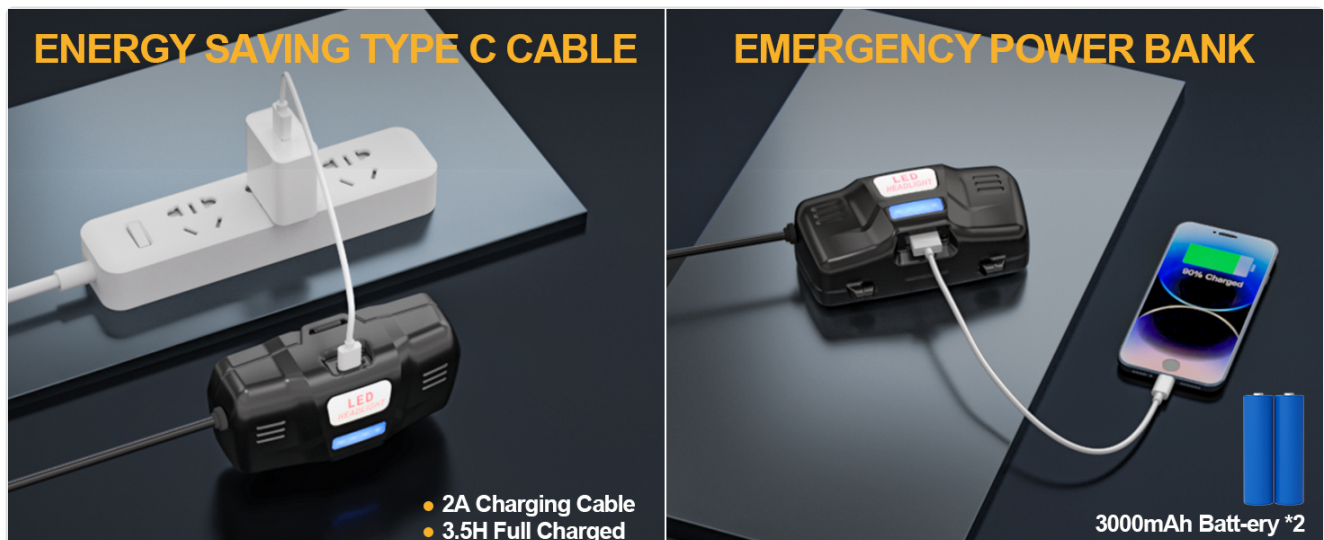


Image 7: Visual explanation of the headlamp's zoom function, illustrating the difference between a wide floodlight (Zoom Out) and a focused spotlight (Zoom In).

5.4 Power Bank Function

The headlamp can also serve as an emergency power bank to charge other devices.

1. Locate the USB output interface on the headlamp's battery pack.
2. Connect your device's charging cable to the USB output port.
3. The headlamp will begin charging your device.

6. MAINTENANCE

6.1 Cleaning

To maintain optimal performance, keep the headlamp clean.

- Wipe the exterior of the headlamp with a soft, damp cloth.
- Do not use abrasive cleaners or solvents, as these may damage the finish or internal components.
- Ensure the charging ports are free of dust and debris.

6.2 Storage

When not in use for extended periods, store the headlamp properly.

- Store the headlamp in a cool, dry place away from direct sunlight.
- Charge the battery every 3-6 months to prolong its lifespan.

7. TROUBLESHOOTING

If you encounter issues with your Spriak H2401 headlamp, refer to the following common solutions:

Problem	Possible Cause	Solution
Headlamp does not turn on.	Low battery.	Charge the headlamp fully using the provided Type-C cable.
Light output is dim.	Low battery.	Recharge the headlamp.
Motion sensor not responding.	Motion sensor not activated or obstruction.	Long press the power button for 3 seconds to activate. Ensure no obstructions are blocking the sensor.
Device not charging via power bank function.	Headlamp battery low or incorrect cable.	Ensure the headlamp is sufficiently charged. Use a compatible USB cable for your device.

8. SPECIFICATIONS

Feature	Detail
Model Number	H2401
Light Source Type	LED
Light Source Wattage	20 Watts
Power Source	Electric (Rechargeable)
Battery Type	Lithium Polymer (1 A battery included)
Charging Time	Approx. 3.5 hours (with 2A Type-C cable)
Usage Time	Up to 10 hours (High mode), 100 hours (Moonlight mode)
Material	Aluminum Alloy
Water Resistance Level	Waterproof (IPX4)
Special Features	90° adjustable, Dustproof, Shock Resistant, Lightweight, USB Rechargeable, Wide beam, Motion Sensor, Red warning light

Feature	Detail
Product Dimensions	4.7"D x 3.5"W x 3.7"H
Item Weight	0.61 Kilograms (1.34 pounds)

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The Spriak H2401 LED Headlamp comes with a Limited Warranty. Please refer to the product packaging or contact customer support for specific warranty terms and conditions.

9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Spriak customer support through the retailer's platform or the official Spriak website.

10. PRODUCT VIDEO

Your browser does not support the video tag.

Video 1: An official product video from SpriakDirect demonstrating the features and functionality of the Spriak H2401 High Lumen Headlamp, including its motion sensor and various light modes.

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