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BORUIT 2166

BORUIT RJ-2166 Super Bright LED Headlamp User Manual

Model: RJ-2166 | Brand: BORUIT

INTRODUCTION

Thank you for choosing the BORUIT RJ-2166 Super Bright LED Headlamp. This headlamp is designed for various outdoor activities such as running, camping, hiking, and general use, providing powerful and reliable illumination. Its lightweight design, adjustable features, and durable construction make it an essential tool for your adventures.



SETUP

1. Battery Installation

The BORUIT RJ-2166 headlamp requires 3 x AA batteries (not included). To install the batteries:

1. Locate the transparent battery box at the back of the headlamp.
2. Open the battery compartment cover.
3. Insert 3 AA batteries, ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely until it clicks into place.

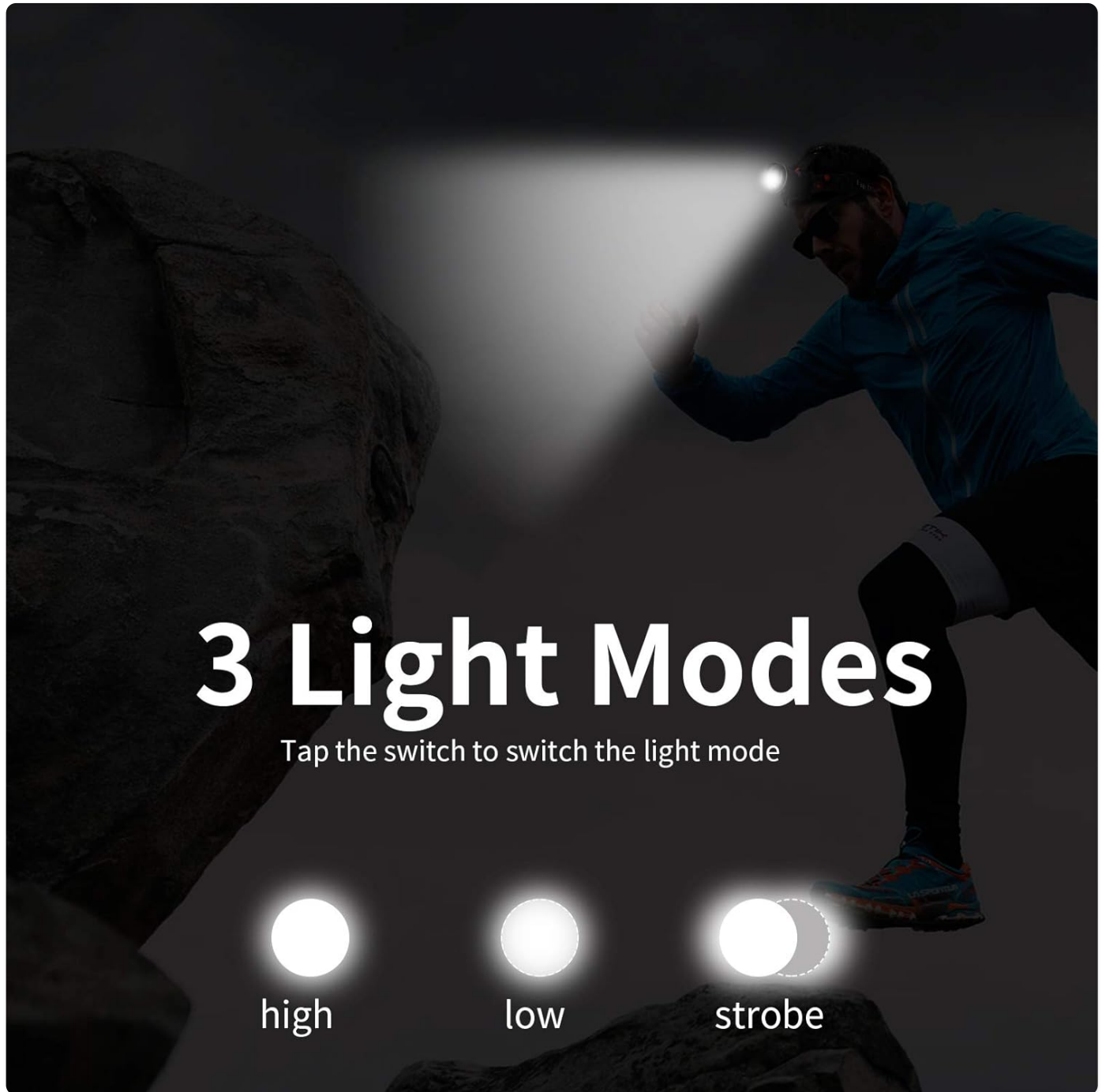


Illustration of the transparent battery box, showing where to insert 3 AA batteries.

2. Adjusting the Headband

The elastic headband is easily adjustable to ensure a comfortable and secure fit for both adults and children.

- Place the headlamp on your head.
- Adjust the elastic straps on the sides and top to achieve a snug fit without being too tight. The webbing is breathable and sweat-absorbent for comfort during extended use.



TRANSPARENT BATTERY BOX DESIGN

Need to install 3*AA battery

Close-up of the highly elastic and breathable webbing of the headlamp's headband.

OPERATING INSTRUCTIONS

1. Power On/Off and Mode Selection

The headlamp features 3 lighting modes: High light, Low light, and Strobe. To operate:

- Press the power button once to turn on the headlamp in High light mode.
- Press the button again to cycle to Low light mode.
- Press the button a third time to activate Strobe mode.
- Press the button a fourth time to turn off the headlamp.



ELASTIC HEADBAND

Highly elastic and breathable webbing,
elastic adjustable,
breathable and sweat-absorbent



Visual representation of the three light modes available on the headlamp.

2. Adjusting Beam Angle

The lamp head can be adjusted up to 90 degrees to direct the light precisely where you need it.

- Gently tilt the lamp head up or down to adjust the illumination angle.
- The 90-degree adjustment allows for versatile lighting needs, from close-up tasks to illuminating distant paths.



90° ADJUSTMENT

The lamp head can adjust the illumination angle from 0 to 90°
Meet different lighting needs



Diagram illustrating the 90-degree adjustable lamp head for varied lighting needs.

3. Brightness and Beam Focus

Equipped with powerful LED highlighting beads, the headlamp provides a super bright beam that can illuminate over 20 feet ahead. The illuminating area is wide enough for activities like running or working.



HIGHLIGHTING BEADS

LED highlights the lamp beads, long life and long range

Close-up view of the LED highlighting beads, designed for long life and long-range illumination.

MAINTENANCE

1. Cleaning

To maintain optimal performance and longevity of your headlamp:

- Wipe the headlamp body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure the lens is clean for maximum light output.

2. Storage

When not in use for extended periods, store the headlamp in a cool, dry place away from direct sunlight and extreme temperatures.

3. Battery Care

Always remove batteries from the headlamp if it will not be used for a prolonged period to prevent battery leakage and potential damage to the device.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Light not turning on	Dead or incorrectly installed batteries	Check battery polarity; replace with fresh AA batteries.
Dim light output	Low battery power	Replace with fresh AA batteries.
Water ingress / Malfunction after exposure to water	Improper sealing or exceeding IPX4 rating	Ensure battery compartment is securely closed. Note: IPX4 is water resistant, not for diving. Avoid prolonged submersion.
Headlamp feels loose	Headband not adjusted properly	Adjust the elastic straps for a snug fit.

SPECIFICATIONS

Feature	Detail
Model	RJ-2166
Special Feature	Adjustable
Color	Black
Power Source	3 x AA batteries (not included)
Light Source Type	LED
Material	Plastic
White Brightness	1000 Lumens
Item Weight	5.2 Ounces
Water Resistance Level	IPX4 Waterproof
Runtime	5 hours
Product Dimensions	2.2 x 1.18 x 1.38 inches

WARRANTY AND SUPPORT

The BORUIT RJ-2166 Headlamp comes with a manufacturer's warranty. For specific warranty details, claims, or technical assistance, please refer to the product packaging or contact the seller directly. If you need assistance or a replacement unit, simply let us know.



Our support team is ready to assist you with any inquiries.