Armytek Wizard Pro v3 XHP50

Armytek Wizard Pro v3 XHP50 Headlamp User Manual

Model: Wizard Pro v3 XHP50

1. PRODUCT OVERVIEW

The Armytek Wizard Pro v3 XHP50 is a versatile and durable headlamp designed for various activities, offering high brightness and advanced features. Its robust construction ensures reliability in challenging environments.

Image 1.1: Armytek Wizard Pro v3 XHP50 Headlamp. This image displays the headlamp in its compact form, highlighting its main body and head strap attachment points.

Key Features:

- **Constant Brightness:** Achieved through powerful electronics and active temperature control.
- **Multi-functional Design:** Suitable for various uses including automotive, fishing, hunting, home, work,

and outdoor activities.

- **Warning Indication:** Multicolor indicators for low battery level and high temperature.
- **Ultra-low Current Drain:** Ensures long standby time in OFF-state, exceeding 25 years.
- **Durable Construction:** Solid body, impact-resistant from 10 meters, and total protection from water, dirt, and dust (operates at 10 meters depth).
- **User-Friendly:** Side switch for comfortable one-hand operation and easy mode switching.
- **Versatile Mounting:** Removable magnet in the tailcap, removable clip, and strong lanyard for multipurpose use.

2. SETUP AND INITIAL USE

2.1. Battery Installation

1. Unscrew the tailcap of the headlamp by turning it counter-clockwise.
2. Insert the included 18650 Lithium-Ion battery with the positive (+) terminal facing towards the head of the flashlight.
3. Screw the tailcap back on clockwise until it is securely tightened. Ensure the tailcap is fully tightened to maintain water resistance.

2.2. Headband Attachment

The headlamp comes with a comfortable headband for secure fixation. Slide the headlamp into the silicone mount on the headband. Adjust the straps for a snug fit on your head.

2.3. Magnet and Clip Installation

- The headlamp features a removable magnet in the tailcap for attaching to metallic surfaces.
- A removable clip is also provided for attaching the headlamp to clothing or gear.

3. OPERATING INSTRUCTIONS

3.1. Power On/Off

- **To Turn On:** Press the side switch once.
- **To Turn Off:** Press and hold the side switch.

3.2. Mode Switching and Brightness Levels

The Wizard Pro v3 XHP50 offers multiple brightness levels and special modes, accessible via the side switch.

- **General Modes:** Cycle through different brightness levels by pressing the side switch repeatedly while the light is on.
- **Turbo Modes:** Access higher brightness levels (Turbo1, Turbo2) for maximum output. These modes may generate significant heat.
- **Strobe Modes:** Special flashing modes (Strobe1, Strobe2, Strobe3) are available for signaling or emergency situations.

Output Levels and Runtimes:

- Turbo2: 2150 lumens (1 hour)

- Turbo1: 1250 lumens (1 hour 40 minutes)
- Main3: 500 lumens (4 hours 10 minutes)
- Main2: 210 lumens (10 hours 40 minutes)
- Main1: 40 lumens (50 hours)
- Firefly3: 7 lumens (12 days)
- Firefly2: 2 lumens (40 days)
- Firefly1: 0.25 lumens (200 days)
- Strobe3: 10Hz, Turbo2 (2 hours)
- Strobe2: 1Hz, Turbo2 (3.5 hours)
- Strobe1: 1Hz, Main2 (35 hours)

3.3. Warning Indications

The headlamp features multicolor warning indications for critical statuses:

- **Low Battery:** The indicator will change color or flash to signal a low battery level, prompting you to recharge or replace the battery.
- **High Temperature:** If the headlamp reaches a high temperature, especially in Turbo modes, the indicator will warn you, and the brightness may automatically reduce to prevent overheating.

4. MAINTENANCE

4.1. Cleaning

- Wipe the headlamp body with a soft, damp cloth.
- Clean the lens gently with a microfiber cloth to avoid scratches.
- Periodically clean the threads of the tailcap and apply silicone grease to maintain water resistance.

4.2. Battery Care

- Use only recommended 18650 Lithium-Ion batteries.
- Charge batteries fully before extended storage.
- Remove the battery if the headlamp will not be used for a prolonged period to prevent drain.

4.3. Water Resistance

The Armytek Wizard Pro v3 XHP50 is designed to be waterproof, dirt, and dust resistant, functioning even at a depth of 10 meters. Ensure the tailcap is always fully tightened to maintain this protection.

5. TROUBLESHOOTING

5.1. Headlamp Not Turning On

- **Check Battery:** Ensure the battery is correctly inserted with the positive (+) terminal facing the head.
- **Battery Charge:** Verify the battery is charged. Try charging it or using a freshly charged battery.
- **Tailcap Connection:** Make sure the tailcap is fully tightened. A loose tailcap can prevent electrical contact.
- **Clean Contacts:** Inspect battery contacts and threads for dirt or corrosion. Clean if necessary.

5.2. Headlamp Gets Too Hot

- The headlamp features active temperature control. In high output modes (e.g., Turbo), it is normal for the device to generate heat.
- If the temperature becomes excessive, the headlamp will automatically reduce its brightness to prevent damage.
- Consider switching to a lower brightness mode if prolonged high output is not required.

5.3. Reduced Brightness or Short Runtime

- **Battery Condition:** The battery may be old or damaged. Replace with a new, high-quality 18650 Lithium-Ion battery.
- **Charging:** Ensure the battery is fully charged before use.

6. SPECIFICATIONS

LED Type	Cree XHP50
Light Output (Max)	2150 Lumens
Beam Distance	105 meters
Peak Beam Intensity	2900 cd
Optics	TIR-optics
Hotspot / Spill	70° / 120°
Impact Resistance	10 meters
Water Resistance	IP68 (Submersible to 10 meters)
Power Source	1 x 18650 Lithium-Ion battery (included)
Body Material	Aircraft-grade aluminum
Finish	Premium type III hard anodizing 400HV
Length	108 mm
Head Diameter	29 mm
Body Diameter	24.5 mm
Weight (without battery)	59 g

7. WARRANTY AND SUPPORT

Armytek products are designed for reliability and durability. For specific warranty terms and conditions, please refer to the official Armytek website or the warranty card included with your product.

If you encounter any issues or require technical assistance, please contact Armytek customer support. You can find contact information on the official Armytek website or through the retailer where you purchased the product.

For more information about Armytek products, visit the official store:Armytek Store