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> PETZL ARIA 2R Headlamp (600 lm) - Rechargeable User Manual

PETZL E071AA00

PETZL ARIA 2R Headlamp (600 lm)

USER MANUAL

Introduction

The PETZL ARIA 2R is a compact, waterproof, and durable headlamp designed for professionals and frequent use. Featuring a powerful 600 lumen output, it offers mixed beam versatility for both proximity work and long-range vision. This headlamp is powered by a rechargeable Petzl CORE Lithium-Ion battery and is also compatible with 3 AAA batteries, providing flexible power options. Its robust construction ensures reliability in demanding environments.



Figure 1: PETZL ARIA 2R Headlamp, showcasing its black and yellow design with an adjustable headband.

Product Overview Video

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Video 1: Official product video demonstrating the key features of the PETZL ARIA headlamp series, including its compact

design, waterproof and durable construction, easy single-button operation, adjustable beam, hybrid battery compatibility, and helmet mounting options.

Setup

1. Battery Installation:

The ARIA 2R headlamp is designed with a HYBRID CONCEPT, allowing it to operate with either the included Petzl CORE rechargeable battery or three standard AAA/LR03 batteries. To install or replace batteries, open the battery compartment located at the rear of the headlamp. Insert the CORE battery or AAA batteries according to the polarity indicators. Ensure the compartment is securely closed to maintain water resistance.



Figure 2: The headlamp can be stored compactly, indicating its suitability for various environments and easy battery access.

2. Headband Adjustment:

The elastic headband is fully adjustable to fit various head sizes. Use the buckles on either side to tighten or loosen the band for a comfortable and secure fit. The thick, elastic material ensures stability during activity.

3. Mounting Options:

The headlamp can be worn directly on your head or mounted onto a helmet. Optional plates (available as accessories) allow for secure attachment to various helmet types. Ensure the headlamp is firmly attached to prevent movement during use.

Operating Instructions

1. Power On/Off and Lighting Modes:

The headlamp features a single button for all operations. Press the button once to turn the headlamp on. Subsequent presses will cycle through the different white lighting levels (low, medium, high). To access the red light mode, hold the button down for a few seconds when the headlamp is off or in white light mode. Hold the button down again to turn the headlamp off from any mode.



Figure 3: Illustration of the headlamp's mixed beam versatility, offering both flood and focused lighting options.

2. **Beam Adjustment:**

The light plate pivots, allowing you to direct the light beam up or down as needed. This feature is useful for illuminating objects at different distances or angles without adjusting the headband.

3. **Battery Level Indicator:**

To check the battery charge level, briefly press the button when the headlamp is off. A colored indicator light will show the remaining power: green for >50%, yellow for 50%-10%, and red for <10%.

4. **Lock Function:**

To prevent accidental activation during transport or storage, the headlamp includes a lock function. Hold the button down for approximately 4 seconds until the light blinks, indicating it is locked. Repeat the process to unlock.

Maintenance

- **Cleaning:**

Clean the headlamp with a soft, damp cloth. Do not use harsh chemicals or abrasive materials. Ensure the battery compartment is dry before closing.

- **Storage:**

Store the headlamp in a cool, dry place away from direct sunlight. If storing for an extended period, remove the batteries to prevent leakage.

- **Battery Care:**

For the CORE rechargeable battery, charge it regularly using the provided USB-C cable. Avoid fully discharging the battery frequently to prolong its lifespan. If using AAA batteries, replace them when the battery indicator shows low charge.

Troubleshooting

- **Headlamp not turning on:**

Check battery charge level. Ensure batteries are correctly inserted and the battery compartment is fully closed. If using the CORE battery, ensure it is properly seated and charged.

- **Light is dim:**

This usually indicates a low battery. Recharge the CORE battery or replace the AAA batteries.

- **Headlamp is locked:**

If the headlamp does not respond, it may be in lock mode. Hold the button down for 4 seconds to unlock it.

Specifications

Model Number	E071AA00
White Brightness	600 Lumens
Water Resistance	IP67 (Waterproof)
Impact Resistance	IK07
Drop Resistance	Up to 2 meters
Power Source	Rechargeable CORE Lithium-Ion battery (included) or 3 AAA batteries
Light Source Type	LED
Material	Plastic
Item Weight	106 Grams

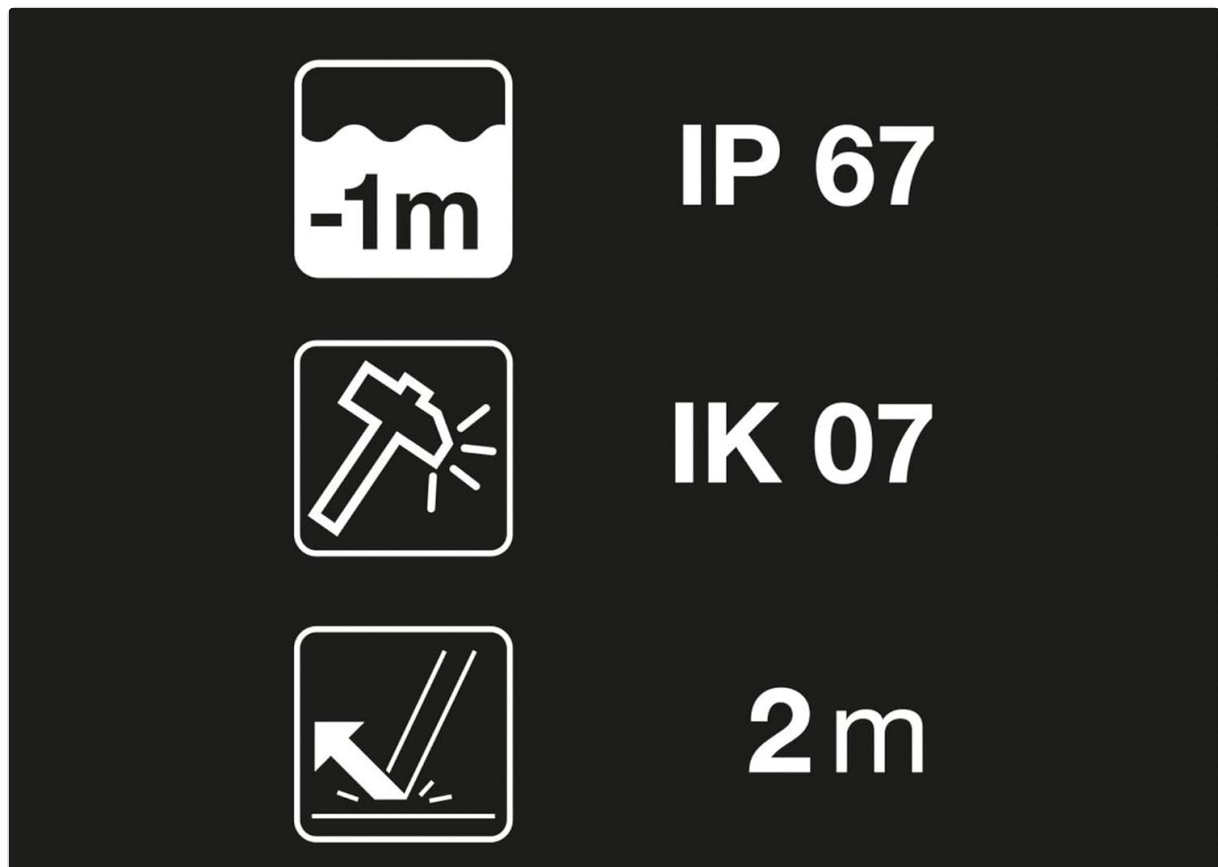


Figure 4: Durability ratings for the headlamp: IP67 for water resistance, IK07 for impact resistance, and 2m for drop resistance.

Warranty and Support

This PETZL ARIA 2R headlamp comes with a **3-year manufacturer's warranty**. For warranty claims, technical support, or further assistance, please refer to the official PETZL website or contact their customer service directly. Keep your proof of purchase for warranty validation.

For more information, visit the official [Petzl website](#).