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## Vayox VA0025

# Vayox VA0025 LED Headlamp User Manual

Model: VA0025

## 1. INTRODUCTION

Thank you for choosing the Vayox VA0025 LED Headlamp. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before using the headlamp and retain it for future reference.

The Vayox VA0025 is a versatile and powerful headlamp designed for various activities, including outdoor sports, hiking, camping, hunting, and everyday use. It features multiple light modes, a proximity sensor for gesture control, and a durable, waterproof design.

## 2. PACKAGE CONTENTS

Please check the package for the following items:

- Vayox VA0025 LED Headlamp
- Integrated 1800 mAh Battery
- USB-C Charging Cable
- Adjustable Elastic Headband
- User Manual (this document)

# STIRNLAMPE – LEISTUNGSSTARK & ROBUST

Zuverlässiges Licht für jede Outdoor-Herausforderung



## HÖCHSTER TRAGEKOMFORT & REFLEXION

Einzigartiger, elastischer Gurt mit reflektierenden Elementen für Sicherheit.



## WASSERDICHT (IP66)

Schützt zuverlässig vor starkem Regen und Feuchtigkeit.



## ULTRA-ROBUST & STOSSFEST

Übersteht Stürze und härtesten Einsatz im Gelände.



## 6 VERSCHIEDENE MODI

Weiß- und Rotlicht für jede Situation



Image: Package contents and headlamp dimensions. The image shows the headlamp, USB-C cable, headband, and packaging, along with detailed measurements of the device (70mm width, 46mm height, 32mm depth) and the USB-C cable (300mm).

### 3. PRODUCT OVERVIEW

The Vayox VA0025 headlamp features multiple light sources and controls for versatile illumination.

# ABMESSUNGEN STIRNLAMPE VA0025



## LIEFERUMFANG

- Bedienungsanleitung
- Originalverpackung
- Stirnlampe VA0025
- Kopfband
- USB-C-Kabel



Image: Overview of the Vayox VA0025 headlamp showing its three light sources (LED SMD Red light, LED COB 10W White light, LED XTE 5W White light) and the motion sensor for contactless control. It also indicates a color temperature range of 6500K and 430 lumens output.



# Bewegungsmelde

## Gesten-Steuerung



*Image: The Vayox VA0025 headlamp showcasing its robust and waterproof (IP66) design, suitable for various outdoor challenges. It highlights comfortable wear, reflective elements on the strap, and shock resistance.*

### Key Components:

- **Main LED (XTE 5W):** Provides a focused beam of white light.
- **COB LED (10W):** Offers a wider floodlight for area illumination.
- **Red LED (SMD):** For night vision preservation or signaling.
- **Proximity Sensor:** Enables gesture control for hands-free operation.
- **Power/Mode Button:** Controls power and cycles through light modes.
- **USB-C Charging Port:** For recharging the integrated battery.
- **Battery Indicator Lights:** Shows remaining battery charge.
- **Adjustable Bracket:** Allows for a 60-degree tilt of the light beam.

### 4. SETUP

## 4.1 Charging the Battery

1. Locate the USB-C charging port on the side of the headlamp.
2. Connect the provided USB-C cable to the headlamp and the other end to a USB power source (e.g., wall adapter, computer USB port, power bank).
3. The battery indicator lights will illuminate to show the charging status. When fully charged, all indicator lights will be solid.
4. A full charge takes approximately 3.5 hours.



*Image: The Vayox VA0025 headlamp connected to a USB-C charging cable, showing the USB-C port and the 4-stage battery status indicator (100%, 75%, 50%, 25%). The image highlights a maximum runtime of up to 24 hours and a full charge time of 2-3.5 hours.*

## 4.2 Attaching the Headband

1. Thread the adjustable elastic headband through the slots on the headlamp's bracket.
2. Adjust the length of the headband to ensure a comfortable and secure fit on your head.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Power On/Off and Mode Selection

The headlamp features 6 lighting modes:

1. **Press the Power/Mode button once:** Turns on the main XTE LED (high brightness).
2. **Press again:** Switches to COB LED (high brightness).
3. **Press again:** Switches to XTE + COB LEDs (combined brightness).
4. **Press again:** Switches to Red LED (steady).
5. **Press again:** Switches to Red LED (flashing).
6. **Press again:** Turns off the headlamp.

To turn off the headlamp from any mode, press and hold the Power/Mode button for 2 seconds.

### 5.2 Gesture Control (Proximity Sensor)

The Vayox VA0025 is equipped with a proximity sensor for hands-free operation.

1. **Activate Gesture Control:** While the headlamp is on in any white light mode, press the dedicated sensor button (usually located near the main power button, indicated by a wave icon). A small indicator light may illuminate to confirm activation.
2. **Operate with Gestures:** Once activated, wave your hand within approximately 5-10 cm (2-4 inches) in front of the sensor to turn the light on or off.
3. **Deactivate Gesture Control:** Press the sensor button again.

# AKKUSTANDSANZEIGE

Zeigt den Ladezustand des Akkus an.



Image: Demonstration of the Vayox VA0025 headlamp's gesture control feature. A hand is shown waving in front of the headlamp, illustrating how to activate and deactivate the light without physical contact.

## 5.3 Adjusting the Beam Angle

The headlamp can be tilted up or down by up to 60 degrees to direct the light where needed. Simply hold the headlamp body and gently adjust its angle relative to the bracket.

## 6. MAINTENANCE

### 6.1 Cleaning

- Wipe the headlamp body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure the USB-C port cover is securely closed to maintain water resistance (IP66).
- If the headband becomes dirty, it can be hand-washed with mild soap and water, then air-dried.

### 6.2 Storage

- Store the headlamp in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50% every 3-6 months to prolong its lifespan.

## 7. TROUBLESHOOTING

- **Headlamp does not turn on:**
  - Ensure the battery is charged. Connect to a charger and check indicator lights.
  - Press the power button firmly.
- **Light is dim or flickers:**
  - The battery may be low. Recharge the headlamp.
  - Ensure the lens is clean.
- **Gesture control is not working:**
  - Ensure gesture control is activated (check indicator light).
  - Make sure there are no obstructions in front of the sensor.
  - Wave your hand within the recommended distance (5-10 cm).
  - Clean the sensor area if it's dirty.
- **Headlamp is not charging:**
  - Check if the USB-C cable is properly connected to both the headlamp and the power source.
  - Try a different USB-C cable or power adapter.
  - Ensure the power source is active.

If you encounter persistent issues, please contact Vayox customer support.

## 8. SPECIFICATIONS

| Feature             | Detail                                                         |
|---------------------|----------------------------------------------------------------|
| Model               | VA0025                                                         |
| Light Source        | LED XTE 5W (320 lm), LED COB 10W (170 lm), LED SMD (Red light) |
| Total Luminous Flux | 430 lm                                                         |
| Battery             | Integrated 1800 mAh                                            |
| Run Time            | Up to 3 hours (high mode), up to 24 hours (low mode)           |
| Charging Time       | Approx. 3.5 hours                                              |
| Charging Port       | USB-C                                                          |
| Water Resistance    | IP66 (Waterproof)                                              |
| Beam Distance       | Up to 700 meters                                               |
| Adjustable Angle    | 60 degrees                                                     |
| Special Features    | Proximity Sensor (Gesture Control)                             |
| Material            | ABS                                                            |

Color

Black

## 9. SAFETY INFORMATION

- Do not look directly into the LED light when it is on, as it may cause temporary vision impairment or eye damage.
- Keep out of reach of children.
- Do not disassemble or modify the headlamp. This may cause damage, void the warranty, and pose a safety risk.
- Use only the provided USB-C cable or a certified equivalent for charging.
- Do not expose the headlamp to fire or extreme temperatures.
- Dispose of the product and battery according to local regulations.

## 10. WARRANTY AND SUPPORT

Vayox products are designed and manufactured to the highest quality standards. For warranty information, please refer to the warranty card included with your purchase or visit the official Vayox website.

If you have any questions, require technical assistance, or need to report an issue with your Vayox VA0025 LED Headlamp, please contact Vayox customer support through their official website or the retailer from whom you purchased the product.

**Website:** [www.vayox.pl](http://www.vayox.pl) (Example, actual URL may vary)

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**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

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