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> NEBO MYCRO 500+ Rechargeable Headlamp User Manual

## NEBO NEB-HLP-1005

# NEBO MYCRO 500+ Rechargeable Headlamp User Manual

Model: NEB-HLP-1005

## INTRODUCTION

The NEBO MYCRO 500+ is a lightweight and versatile rechargeable LED headlamp designed for various applications, including outdoor activities, mechanical work, and general illumination. It delivers an impressive 500 lumens and features multiple light modes, water resistance, and a convenient detachable cap clip.



Image: The NEBO MYCRO 500+ headlamp, showing its compact design and adjustable head strap.

## KEY FEATURES

- **500 Lumens Output:** Provides powerful illumination for various tasks.
- **7 Light Modes:** Includes Spotlight Turbo (500 lm), High, Medium, Low, COB Flood Light High (200 lm), Low (50 lm), and Red (25 lm).
- **Water Resistant (IPX4):** Designed to withstand splashes and light rain.
- **Impact-Resistant:** Durable construction for rugged use.
- **Detachable Cap Clip:** Allows for versatile attachment to hats or other gear.
- **Rechargeable Battery:** Integrated 200 mAh (3.7V) Lithium polymer battery, rechargeable via USB-C.
- **Smart Power Control:** Ensures smooth transitions between light modes and extends battery life.
- **Direct-to-Red Functionality:** Preserves night vision by allowing direct access to the red light mode.



Image: Headlamp in spotlight mode, illuminating a distant object with up to 500 lumens.

# C·O·B AREA LIGHT

Wider light coverage..



Image: Headlamp in COB area light mode, providing wider light coverage for close-up tasks.



**RED LIGHT**  
Preserves your night vision.

Image: Headlamp in red light mode, useful for preserving night vision.

# WATER-RESISTANT

Messy work? Not a problem.



Image: Headlamp being used in a wet environment, demonstrating its water-resistant capability.

## PACKAGE CONTENTS

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- NEBO MYCRO 500+ Headlamp
- USB-C Charging Cable
- Adjustable Head Strap
- Integrated Lithium Polymer Battery (200 mAh)

## SETUP

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### 1. Initial Charging

Before first use, fully charge your MYCRO 500+ headlamp. Connect the included USB-C charging cable to the headlamp's charging port and plug the other end into a USB power source (e.g., wall adapter, computer USB port). The

charging indicator light will show charging status. A full charge typically takes approximately 2 hours.

## 2. Attaching the Head Strap

Thread the strap through the designated slots on the headlamp body. Adjust the strap to ensure a comfortable and secure fit around your head. The strap is designed for full adjustability.



# HEADSTRAP

Fully adjustable for  
the perfect fit.

Image: A person wearing the headlamp with the fully adjustable head strap, ensuring a perfect fit.

## 3. Using the Detachable Cap Clip

For alternative wear, the MYCRO 500+ features a detachable cap clip. This clip allows you to easily attach the headlamp to the brim of a cap or other suitable surfaces. The clip also offers adjustable tilt for directing the light where needed.

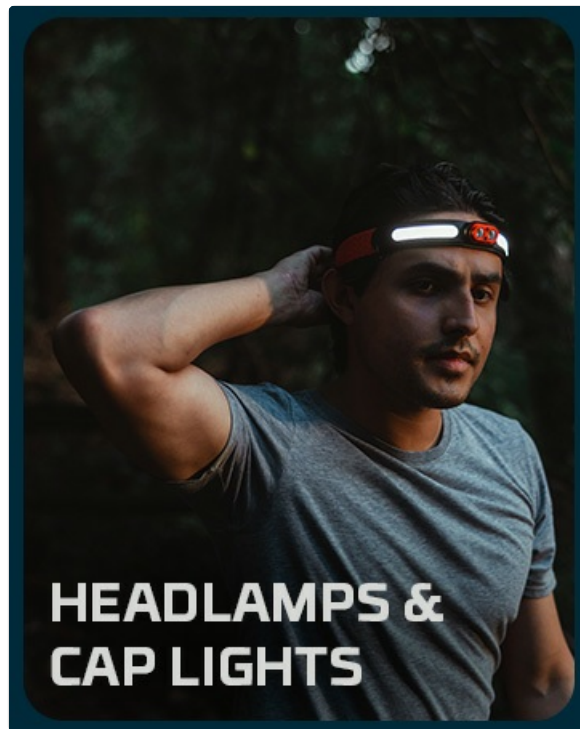


Image: The headlamp clipped onto a cap, demonstrating its cap-compatible design and versatility.

## OPERATING INSTRUCTIONS

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### Power Button and Mode Selection

The MYCRO 500+ is operated via a single power button. Press the button to cycle through the various light modes. The Smart Power Control feature ensures smooth transitions between modes.

- **Spotlight Turbo:** Press and hold the power button for maximum brightness (500 lumens).
- **Spotlight High:** Provides optimal visibility.
- **Spotlight Medium:** Offers balanced light output.
- **Spotlight Low:** Extended runtime, ideal for prolonged use (up to 3 hours).
- **COB Flood Light High:** Wider light coverage (200 lumens).
- **COB Flood Light Low:** Reduced flood light output (50 lumens).
- **Red Light:** Activates the red light mode (25 lumens), which is useful for preserving night vision and reducing glare. Access this mode directly by holding the power button from the OFF position.

To turn the headlamp off, cycle through all modes until the light turns off, or press and hold the power button for a few seconds in any mode.



Image: The headlamp being used in different scenarios, highlighting its easy adaptability to various lighting needs.

## MAINTENANCE

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- **Cleaning:** Wipe the headlamp body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Charging:** To maintain battery health, charge the headlamp regularly, especially if it will be stored for extended periods.
- **Storage:** Store the headlamp in a cool, dry place away from direct sunlight and extreme temperatures.
- **Water Resistance:** While water-resistant, avoid submerging the headlamp in water. Ensure the USB-C port cover is securely closed when not charging to maintain water resistance.

## TROUBLESHOOTING

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- **Light Not Turning On:**
  - Ensure the battery is charged. Connect to a USB-C power source and check the charging indicator.
  - Press and hold the power button for a few seconds to ensure it's not in a low-power state or locked.
- **Dim Light Output:**
  - The battery may be low. Recharge the headlamp.
  - Ensure the lens is clean and free of dirt or debris.
- **Charging Issues:**
  - Verify the USB-C cable is properly connected to both the headlamp and the power source.
  - Try a different USB-C cable or power adapter.

If problems persist, please refer to the Warranty & Support section for contact information.

## SPECIFICATIONS

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Feature	Detail
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Model Number	NEB-HLP-1005
Light Output (Max)	500 Lumens (Turbo Mode)
Light Modes	Spotlight (Turbo, High, Medium, Low), COB Flood (High, Low), Red
Power Source	Rechargeable Lithium Polymer Battery (200 mAh, 3.7V)
Runtime (Low)	Up to 3 hours
Charging Time	Approx. 2 hours (via USB-C)
Water Resistance Rating	IPX4
Dimensions (Light only)	2.85" x 1.2" x 1" (approx.)
Weight	0.1875 lbs (approx. 3.0 oz)
UPC	645397002178



Image: Visual summary of key product specifications.

## WARRANTY & SUPPORT

The NEBO MYCRO 500+ Rechargeable Headlamp comes with a **1-year manufacturer's warranty**.

For warranty claims, technical support, or additional product information, please visit the official NEBO Store or contact their customer service directly.

[Visit the Official NEBO Store](#)

