

EMOS P3539

EMOS P3539 Focusable Headlamp User Manual

Model: P3539

1. INTRODUCTION

Thank you for choosing the EMOS P3539 Focusable Headlamp. This manual provides essential information for the safe and effective operation, maintenance, and care of your headlamp. Please read it thoroughly before first use and retain it for future reference.

Key Features:

- **Powerful Illumination:** 330 lumens maximum output with a 200-meter beam range.
- **Versatile Lighting Modes:** 5 modes including maximum power, 50% power, SOS flashing, red light, and red flashing.
- **Adjustable Focus:** Beam angle adjustable from 20° (focused) to 100° (wide).
- **Extended Runtime:** Up to 87 hours of continuous operation depending on the mode.
- **Durable Design:** IP43 water-resistant and shock-absorbing construction.
- **Lightweight:** Weighs only 70g without batteries for comfortable wear.

STIRNLAMPE - 330 LM

EMOS®

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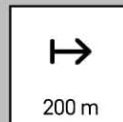
Wasserdicht (IP43)



Helligkeit



Leuchtdauer



Leuchtweite

5 Leucht-
modi



20°/100°



Figure 1.1: EMOS P3539 Headlamp Key Features Overview. This image highlights the headlamp's water resistance (IP43), brightness (330 lm), runtime (87 hr), beam range (200 m), 5 lighting modes, and focus adjustment (20°/100°). A person is depicted wearing the headlamp to illustrate its practical application.

2. SAFETY INSTRUCTIONS

To ensure safe operation and prevent damage to the headlamp or injury, please observe the following safety guidelines:

- **Eye Safety:** Do not shine the light directly into eyes, as the powerful LED can cause temporary vision impairment or damage.
- **Battery Safety:** Use only the specified battery type (AAA). Do not mix old and new batteries, or different types of batteries. Ensure correct polarity when inserting batteries. Remove batteries if the headlamp will not be used for an extended period to prevent leakage.
- **Water Resistance:** The headlamp is IP43 rated, meaning it is protected against water spray from any direction. It is not designed for submersion in water. Do not expose it to heavy rain or immerse it.
- **Temperature:** Avoid exposing the headlamp to extreme temperatures or direct sunlight for prolonged periods.
- **Children:** Keep the headlamp and batteries out of reach of children.

- **Disassembly:** Do not attempt to disassemble or modify the headlamp. This will void the warranty and may cause damage or injury.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x EMOS P3539 Focusable Headlamp

Note: 3x AAA batteries are required for operation and are not included in the package.

4. PARTS OF THE HEADLAMP



Figure 4.1: EMOS P3539 Headlamp Components. This diagram labels the key parts of the headlamp, including the waterproof casing, adjustable headband, focusing ring, quick shut-off button, robust plastic and rubber housing, CREE LED, and the two red LEDs.

1. **Adjustable Headband:** Elastic strap for securing the headlamp to your head.
2. **Headlamp Unit:** Main body containing the light source and battery compartment.
3. **CREE LED:** Primary white light source.
4. **Red LEDs:** Secondary red light sources.
5. **Focusing Ring:** Rotatable ring around the main LED to adjust beam focus.
6. **Power/Mode Button:** Button for turning the headlamp on/off and cycling through modes.

7. **Battery Compartment:** Located at the back of the headlamp unit.

5. SETUP

5.1 Battery Installation

1. Locate the battery compartment cover on the back of the headlamp unit.
2. Open the cover by gently prying or sliding it according to the markings.
3. Insert 3x AAA batteries (not included), ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely until it clicks into place.

5.2 Adjusting the Headband

1. Place the headlamp on your head.
2. Adjust the elastic headband using the buckles on the sides until it fits snugly and comfortably. The headlamp should be stable without being too tight.



Figure 5.1: Adjustable Headband. This image shows the EMOS P3539 Headlamp from a top-down perspective, emphasizing the adjustable green and black elastic strap designed for a secure and comfortable fit.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off and Mode Selection

The headlamp features 5 lighting modes. Press the Power/Mode button to cycle through them:

1. **First Press:** Maximum Power (330 lumens, 200m range)
2. **Second Press:** 50% Power (170 lumens, 140m range)
3. **Third Press:** SOS Flashing (White light warning signal)
4. **Fourth Press:** Red Light (Steady red light)
5. **Fifth Press:** Red Flashing (Red light warning signal)
6. **Sixth Press:** Off



Figure 6.1: Red Light Mode. This image displays the front of the EMOS P3539 Headlamp with its two red LEDs illuminated, demonstrating the red light mode, which is useful for preserving night vision or as a subtle signal.

6.2 Focus Adjustment

To adjust the beam focus:

- Rotate the focusing ring located around the main CREE LED.
- Rotate clockwise for a narrow, focused beam (20°) suitable for long-distance illumination.
- Rotate counter-clockwise for a wide, diffused beam (100°) ideal for illuminating broad areas at close range.

6.3 Quick Shut-off Function

The headlamp is equipped with a quick shut-off function. If the headlamp remains in any single mode for more than 5 seconds, the next press of the Power/Mode button will turn the headlamp off directly, without cycling through the remaining modes.

7. MAINTENANCE

7.1 Cleaning

- Wipe the headlamp's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Clean the lens gently with a lens cloth to maintain optimal light output.

7.2 Battery Care and Replacement

- Replace all 3 AAA batteries simultaneously when the light output becomes dim.
- Always use fresh, high-quality AAA batteries. Compatible with alkaline or NiMH rechargeable AAA batteries.
- If the headlamp is not used for an extended period (e.g., more than one month), remove the batteries to prevent potential leakage and damage.
- Dispose of used batteries responsibly according to local regulations.

7.3 Storage

- Store the headlamp in a cool, dry place away from direct sunlight and extreme temperatures.
- Ensure batteries are removed before long-term storage.

8. TROUBLESHOOTING

If you encounter issues with your EMOS P3539 Headlamp, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Headlamp does not turn on.	Dead or incorrectly inserted batteries.	Replace batteries with new ones, ensuring correct polarity.
Light is dim or flickers.	Low battery power.	Replace batteries with new ones.
Focusing ring is stiff or not adjusting.	Dirt or debris in the mechanism.	Gently clean around the focusing ring. Do not force rotation.
Water inside the battery compartment.	Battery compartment cover not sealed properly or exposure to excessive water.	Remove batteries, dry the compartment thoroughly. Ensure cover is sealed correctly after battery insertion. Avoid heavy water exposure.

If the problem persists after attempting these solutions, please contact customer support.

9. SPECIFICATIONS

Feature	Specification
Model Number	P3539
Light Source	CREE LED (White), 2x Red LEDs
Brightness (Max)	330 Lumens
Beam Range (Max)	200 meters
Lighting Modes	5 (Max Power, 50% Power, SOS Flashing, Red Light, Red Flashing)
Focus Function	Adjustable beam angle 20° - 100°
Power Source	3 x AAA batteries (not included)
Runtime (Max)	Up to 87 hours (depending on mode)
Water Resistance	IP43 (Splash-proof)
Material	Aluminum, Robust Plastic, Rubber
Item Weight	70 grams (without batteries)
Product Dimensions	1.77"D x 2.32"W x 1.77"H (approx.)
Voltage	4.5 Volts (DC)
Included Components	1 x Headlamp

10. WARRANTY AND SUPPORT

EMOS products are manufactured to high-quality standards and are guaranteed against manufacturing defects. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official EMOS website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact EMOS customer service through the contact information provided on our official website or your retailer's support channels.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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