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STANLEY SXLS50100E

Stanley SXLS50100E Magnetic LED Headlamp User Manual

Brand: **STANLEY** | Model: **SXLS50100E** (Manufacturer's Item Code: 65100)

1. Introduction

Thank you for choosing the Stanley SXLS50100E Magnetic LED Headlamp. This headlamp is designed for hands-free illumination, featuring a powerful LED, durable aluminum construction, and a convenient magnetic point for versatile use. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your device. Please read it thoroughly before use and retain it for future reference.

2. Safety Information

- **Eye Safety:** Do not stare directly into the LED light. Avoid shining the light directly into the eyes of people or animals.
- **Battery Safety:** Use only the specified battery type. Do not mix old and new batteries, or different types of batteries. Ensure correct polarity when inserting batteries. Remove batteries if the device will not be used for an extended period. Dispose of batteries responsibly according to local regulations.
- **Heat:** The LED headlamp may become warm during prolonged use. This is normal. Avoid covering the headlamp while it is operating.
- **Water Resistance:** This headlamp is designed for general outdoor use but is not submersible. Avoid direct exposure to heavy rain or submersion in water.
- **Children:** Keep out of reach of children. This is not a toy.
- **Maintenance:** Do not attempt to disassemble or modify the headlamp. Refer all servicing to qualified personnel.

3. Package Contents

Verify that all items listed below are present in your package:

- Stanley SXLS50100E Magnetic LED Headlamp
- Adjustable Nylon Headband
- Batteries (pre-installed or included separately)

4. Product Overview

The Stanley SXLS50100E headlamp features a robust aluminum body, an adjustable LED projector, and a versatile magnetic base. Familiarize yourself with the components shown below.



Figure 1: Stanley SXLS50100E Magnetic LED Headlamp with its adjustable nylon headband. The main LED unit is centrally located, showing its durable aluminum casing.



Figure 2: A closer view of the headlamp's main unit, illustrating the LED light source and the integrated magnetic point on its side, designed for hands-free attachment to metallic surfaces.

- **LED Projector:** High-intensity LED for bright illumination.
- **Adjustable Headband:** Comfortable nylon strap for secure fit.
- **Magnetic Point:** Located on the side of the lamp for attachment to metal surfaces.
- **Aluminum Casing:** Durable and lightweight construction.

5. Setup

5.1 Battery Installation

1. Locate the battery compartment on the rear of the headlamp unit.
2. Open the compartment cover by gently prying or sliding it according to the markings.
3. Insert the included batteries, ensuring correct polarity (+ and -) as indicated inside the compartment.
4. Close the battery compartment cover securely until it clicks into place.

5.2 Headband Adjustment

1. Place the headlamp on your head with the light unit positioned on your forehead.
2. Adjust the nylon strap using the buckle to achieve a comfortable and secure fit. The strap should be snug but not too tight.
3. The headlamp unit can be tilted up or down to direct the light beam as needed.

6. Operating Instructions

6.1 Power On/Off and Light Modes

1. To turn the headlamp **ON**, press the power button located on the top or side of the headlamp unit.
2. Subsequent presses of the power button will cycle through different light modes (e.g., High, Low, Strobe, Off). The

exact sequence may vary.

3. To turn the headlamp **OFF**, continue pressing the power button until the light turns off, or hold the button down for a few seconds (if applicable).

6.2 Using the Magnetic Function

The headlamp features a magnetic point on its side, allowing for hands-free illumination when working on metallic surfaces.

- Simply attach the magnetic point to any suitable ferrous metal surface.
- Ensure the headlamp is securely attached before releasing it to prevent accidental drops.

7. Maintenance

7.1 Cleaning

- Wipe the headlamp's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- If the headband becomes dirty, it can be hand-washed with mild soap and water, then air-dried. Ensure the headlamp unit is detached before washing the band.

7.2 Storage

- Store the headlamp in a cool, dry place away from direct sunlight.
- Remove batteries if the headlamp will not be used for an extended period to prevent leakage and damage.

7.3 Battery Replacement

When the light output becomes dim or the headlamp stops functioning, it is time to replace the batteries. Follow the battery installation steps in Section 5.1.

8. Troubleshooting

Problem	Possible Cause	Solution
Headlamp does not turn on.	Dead or incorrectly inserted batteries.	Replace batteries or check polarity.
Light is dim.	Low battery power.	Replace batteries.
Headlamp unit is loose on headband.	Headband not adjusted properly.	Adjust the headband for a snug fit.

9. Specifications

- **Model:** SXLS50100E (Item Code: 65100)
- **Brand:** STANLEY
- **Light Output:** 300 Lumens
- **Beam Distance:** 25 meters
- **Runtime:** Up to 4.5 hours (depending on mode used)
- **Power Source:** Battery operated (Batteries included)
- **Bulb Type:** LED
- **Material:** Aluminum

- **Color:** Black
- **Product Dimensions:** 14 x 10.5 x 17.5 cm
- **Item Weight:** 100 grams
- **Special Features:** Magnetic point, Energy efficiency

10. Warranty and Support

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official STANLEY website. You can also visit the STANLEY Store on Amazon for more product information.

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