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NEBO NEB-SPT-1003

NEBO LUXTREME SL75 Spotlight Instruction Manual

Model: NEB-SPT-1003

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Introduction

The NEBO LUXTREME SL75 Spotlight is a high-performance, rechargeable LED flashlight designed for demanding outdoor and professional applications. Its advanced optics provide an ultra-long beam distance, making it ideal for search and rescue, security, farming, and other tasks requiring illumination at extreme ranges. This manual provides essential information for the proper setup, operation, and maintenance of your device.



Image: The NEBO LUXTREME SL75 Spotlight, showcasing its angled head and robust design.

Setup

Battery Installation

The LUXTREME SL75 uses a 9,000 mAh (7.4V) Lithium-ion rechargeable battery. The flashlight features two battery slots, but only one battery is included and required for operation. The included battery has a crown adapter on its positive terminal. Ensure the battery is inserted correctly according to the polarity indicators within the battery compartment. The battery compartment is located at the base of the handle.



Image: The NEBO LUXTREME SL75 Spotlight from a side view, highlighting the battery compartment at the base.

Charging

To charge the device, use the included USB-C charger cable. The charging port is located on the base of the flashlight, protected by a rubber cover. Connect the USB-C end to the flashlight and the USB-A end to a compatible power adapter (not included) or a 12V power adapter (included). A full charge typically takes approximately 3 hours. The LED power and charging indicator lights will provide charging status.



Image: Close-up of the USB-C charging port on the NEBO LUXTREME SL75 Spotlight.



Image: The NEBO LUXTREME SL75 Spotlight connected to a 12V adapter, illustrating its continuous runtime capability.

Attaching Accessories

The spotlight comes with a reversible/removable steel clip and a lanyard. The clip can be mounted on either side for left or right-handed use. The base also features a tripod mountable screw hole for stable, secure lighting (tripod not included).



Image: The removable belt clip for the NEBO LUXTREME SL75 Spotlight, showing its attachment points.



Image: The NEBO LUXTREME SL75 Spotlight mounted on a tripod, demonstrating its stable lighting capability.

Operating Instructions

Powering On/Off

The spotlight features a front power trigger for easy activation. Press the trigger to turn the light on or off. The mode selector dial on the rear allows you to cycle through different lighting modes.



Image: Close-up of the mode select dial on the NEBO LUXTREME SL75 Spotlight.

Light Modes

The LUXTREME SL75 offers three primary light modes, accessible via the mode selector dial:

- **High:** 362,500 candela & 780 lumens, illuminates objects up to 0.75 miles away.
- **Medium:** 157,500 candela & 400 lumens, illuminates objects up to 2,601 feet away.
- **Low:** 35,000 candela & 100 lumens, illuminates objects up to 1,227 feet away, with a run time of up to 30 hours.

The device also features a lockout mode for continuous light, which can be activated by the mode selector dial.

Battery Indicator

The integrated LED power and charging indicator lights provide a visual representation of the remaining battery life and charging status.

Maintenance

Cleaning

To maintain optimal performance, regularly clean the lens and body of the spotlight with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the finish or optical components.

Battery Care

The Lithium-ion battery should be charged regularly to prolong its lifespan. Store the flashlight in a cool, dry place when not in use for extended periods. Avoid extreme temperatures.

Water Resistance

The LUXTREME SL75 is water-resistant (IP67 rated), meaning it can withstand immersion in water up to 1 meter (3.28 feet) for 30 minutes. Ensure the USB-C port cover is securely closed before exposing the device to water.

Troubleshooting

Light Not Turning On

- **Check Battery Charge:** Ensure the battery is sufficiently charged. Refer to the battery indicator lights.
- **Battery Polarity:** Verify that the battery is inserted with the correct polarity. The positive (+) end of the battery (with the crown adapter) should align with the positive contact in the battery slot.
- **Battery Slot:** Although the flashlight has two battery slots, only one is active for power. Ensure the battery is placed in the correct, active slot for operation.

Charging Issues

- **Cable Connection:** Ensure the USB-C cable is securely connected to both the flashlight and the power source.
- **Power Source Compatibility:** The flashlight may require a specific power output from the charger. If charging is not initiated, try a different USB power adapter or use the included 12V power adapter. Some standard USB-A to USB-C chargers may not provide sufficient power or may not be compatible with the flashlight's charging protocol.
- **Charging Indicator:** Observe the LED charging indicator lights. If they do not illuminate, there may be an issue with the cable, charger, or the flashlight's charging circuit.

Specifications

Feature	Specification
Brand	NEBO
Model Number	NEB-SPT-1003

Light Source Type	LED
Material	Anodized Aluminum
White Brightness (High)	780 Lumens
Candela (High)	362,500 cd
Beam Distance (High)	3/4 Mile (approx. 3937 ft)
Battery	9,000 mAh (7.4V) Lithium-ion rechargeable (included)
Runtime (Low)	Up to 30 hours
Product Dimensions	6.8" x 2.5" x 2.6" (approx. 3"D x 4"W x 3"H)
Item Weight	2.1 lbs (approx. 1 pound)
Water Resistance Level	IP67 (Waterproof, 1 meter for 30 minutes)
Special Feature	Durable, Magnetic Base, Tripod Mountable

Warranty and Support

The NEBO LUXTREME SL75 Spotlight comes with a 1-year limited warranty from the date of purchase. For warranty claims, technical support, or product inquiries, please refer to the contact information provided on the NEBO official website or your retailer's support channels. Please retain your proof of purchase for warranty validation.

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