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› Northpoint LED Sensor Lamp with Motion Detector and Twilight Sensor User Manual NP-GNL-01

Northpoint NP-GNL-01

Northpoint LED Sensor Lamp with Motion Detector and Twilight Sensor User Manual

Model: NP-GNL-01

1. INTRODUCTION

Thank you for choosing the Northpoint LED Sensor Lamp. This device combines a practical key holder with an energy-efficient LED light, activated by motion and a twilight sensor. It is designed to provide convenient illumination in areas like hallways or entrances, helping you locate your keys easily in the dark. Please read this manual carefully before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

- Keep the device away from water and high humidity.
- Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.
- Ensure batteries are inserted with correct polarity.
- Dispose of used batteries according to local regulations.
- This product is intended for indoor use only.
- Do not expose the device to extreme temperatures or direct sunlight for prolonged periods.

3. PACKAGE CONTENTS

Please check that all items listed below are included in your package:

- 1x Northpoint LED Sensor Lamp (Model NP-GNL-01)
- 2x CR2032 Batteries
- Mounting Material (Screws, Dowels, Double-sided Adhesive Tape)
- 1x User Manual (This document)

4. PRODUCT OVERVIEW

The Northpoint LED Sensor Lamp features a compact design with integrated sensors and a key hook.





Figure 1: Front view of the Northpoint LED Sensor Lamp. The image shows the white, teardrop-shaped device with a grey motion sensor dome at the top, a small LED light below it, and a key hook extending from the bottom. The LED light is illuminated, casting a bright glow.





Figure 2: Side view of the Northpoint LED Sensor Lamp. This image provides a profile view of the device, highlighting its curved shape and the sturdy key hook extending downwards. The motion sensor and LED light are also visible from this angle.

Key Components:

- **Motion Sensor:** Detects movement to activate the light.
- **Twilight Sensor:** Ensures the light only activates in low-light conditions, conserving battery life.
- **LED Light:** Provides illumination.
- **Key Hook:** Designed to hold keychains, individual keys, or other small items (supports up to 600g).
- **Battery Compartment:** Located on the back for CR2032 batteries.
- **Mounting Points:** For wall installation.

5. SETUP AND INSTALLATION

5.1. Battery Insertion

1. Locate the battery compartment on the back of the device.
2. Open the battery compartment cover.
3. Insert two (2) CR2032 batteries, ensuring correct polarity (+ and -).
4. Close the battery compartment cover securely.

5.2. Mounting the Device

The LED Sensor Lamp can be mounted using either screws and dowels or the provided double-sided adhesive tape.



Figure 3: Back and front view of the Northpoint LED Sensor Lamp. The image displays the rear of the device with visible screw holes for mounting and the circular battery compartment cover. The front view shows the key hook and sensor components.

Option 1: Screw Mounting (Recommended for heavier loads)

1. Choose a suitable location on a wall, ideally in a hallway or entrance.
2. Mark the positions for the mounting screws using the device's backplate as a template.
3. Drill holes at the marked positions and insert the provided dowels.
4. Align the device with the holes and secure it to the wall using the provided screws. Ensure it is firmly attached.

Option 2: Adhesive Tape Mounting (For lighter loads and smooth surfaces)

1. Clean the desired mounting surface thoroughly to ensure it is free of dust and grease.
2. Peel off the protective backing from the double-sided adhesive tape.
3. Apply the tape to the designated areas on the back of the device.
4. Press the device firmly against the wall at the chosen location for at least 30 seconds.
5. Allow the adhesive to set for a few hours before hanging keys or other items.

6. OPERATING INSTRUCTIONS

The Northpoint LED Sensor Lamp operates automatically once batteries are installed and the device is mounted.

6.1. Automatic Light Activation

- The integrated **twilight sensor** detects ambient light levels. The LED light will only activate when the surrounding environment is dark enough.
- The **motion detector** senses movement within its detection range. When motion is detected in low-light conditions, the LED light will automatically turn on.
- The light will remain on for a short period (typically 15-20 seconds) after motion ceases, then automatically turn off to conserve battery power.



Figure 4: In-use scenario showing a hand reaching for keys. The Northpoint LED Sensor Lamp is mounted on a dark wall, with keys hanging from its hook. The LED light is brightly illuminated, demonstrating its function in a low-light environment.

6.2. Using the Key Holder

- Hang your keychains, individual keys, or other small, lightweight items on the integrated hook.
- The hook is designed to support a total load of up to 600 grams. Avoid exceeding this weight limit to prevent damage or detachment from the wall.

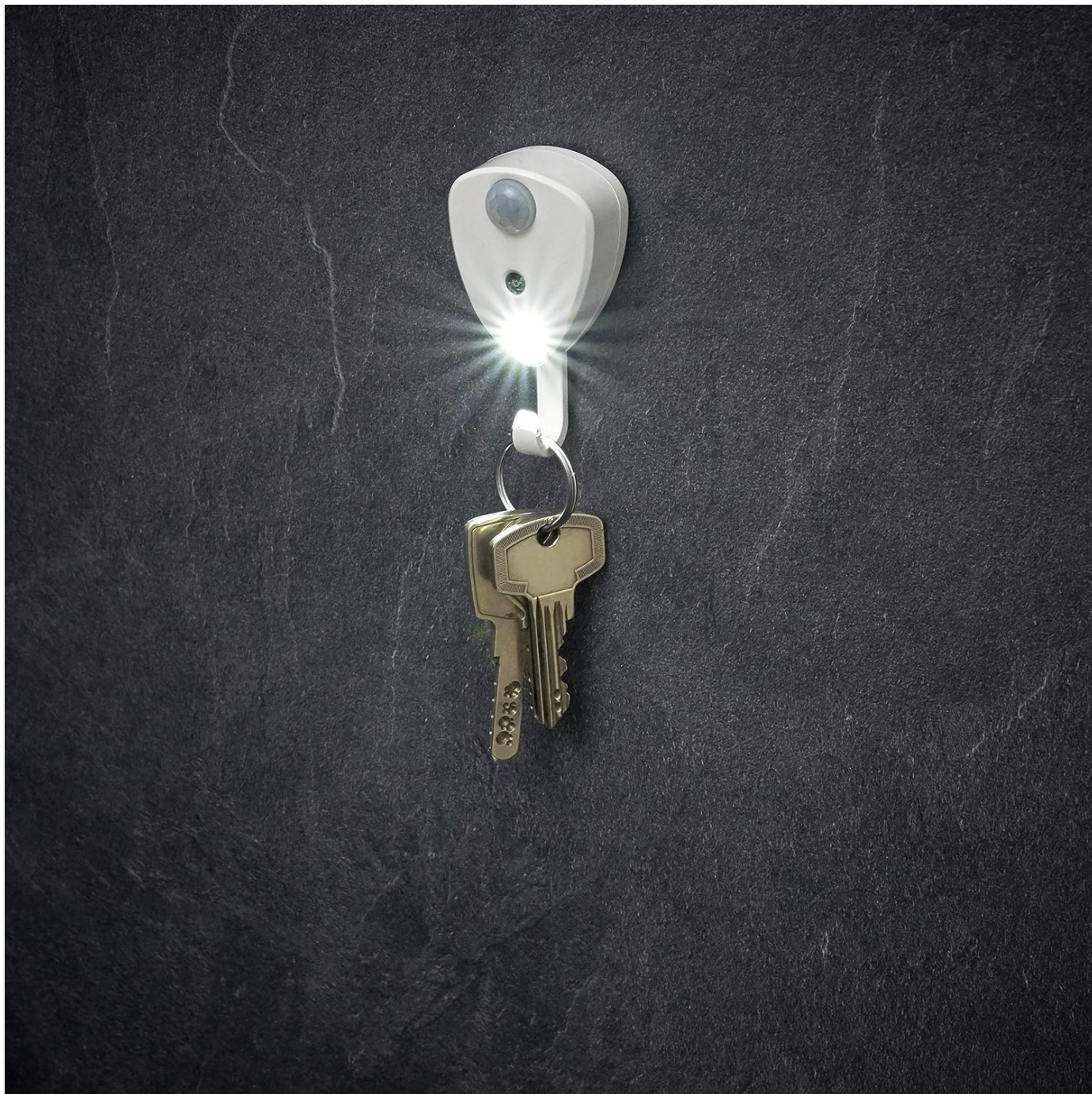


Figure 5: Keys hanging on the Northpoint LED Sensor Lamp. This image shows a set of keys securely hanging from the key hook. The LED light is on, providing clear visibility of the keys against a dark, textured wall.

7. MAINTENANCE

7.1. Battery Replacement

When the LED light becomes dim or stops activating, it is time to replace the batteries.

1. Carefully remove the device from the wall if it was mounted with adhesive tape, or unscrew it if screw-mounted.
2. Open the battery compartment on the back.
3. Remove the old CR2032 batteries and dispose of them responsibly.

4. Insert two new CR2032 batteries, observing correct polarity.
5. Close the battery compartment and re-mount the device.

7.2. Cleaning

Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these can damage the surface or electronic components.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	• Batteries are dead or incorrectly inserted. • Ambient light is too bright (twilight sensor prevents activation). • No motion detected.	• Replace batteries and check polarity. • Test in a darker environment. • Ensure motion is within detection range.
Light stays on too long or turns on randomly.	• Constant motion in detection range. • Interference from heat sources or air currents.	• Relocate the device to an area with less constant activity. • Ensure no heat vents or strong air currents are near the sensor.
Device falls off the wall.	• Adhesive tape not strong enough or surface not clean. • Weight limit exceeded. • Screws not tightened sufficiently.	• Re-mount with new adhesive tape on a clean surface, or use screws. • Reduce the weight of items on the hook. • Ensure screws are securely fastened.

9. SPECIFICATIONS

Brand:	Northpoint
Model Number:	NP-GNL-01
Dimensions (Product):	Approx. 9.4 x 6.6 x 4.1 cm (based on package dimensions)
Item Weight:	50 g
Power Source:	Battery-powered
Batteries Required:	2x CR2032 (Included)
Bulb Type:	LED
Luminous Flux:	50 lm
Average Lifespan:	30,000 Hours

Energy Label:	A+
Installation Type:	Wall Mount
Max Load on Hook:	600 g

10. WARRANTY AND SUPPORT

Northpoint products are designed for quality and reliability. For warranty information or technical support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your proof of purchase for any warranty claims.

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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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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