EZVALO NL01

EZVALO NL01 Motion Sensor Night Lights

User Manual

Model: NL01 | Brand: EZVALO

INTRODUCTION

The EZVALO NL01 Motion Sensor Night Lights provide automatic, safe, and convenient lighting for various indoor spaces. This 6-pack of rechargeable LED lights features motion sensing, automatic syncing, adjustable brightness, and magnetic installation, making them ideal for hallways, stairs, bedrooms, and more.

These lights are designed to enhance safety and comfort by illuminating your path in dark or low-light conditions, automatically turning off when no motion is detected to conserve energy.

WHAT'S IN THE BOX

Carefully unpack the contents and ensure all items are present:

- 6 x Motion Sensor Night Lights
- 1 x 3-Device Charging Station
- 6 x Adhesive Iron Plates
- 1 x User Manual

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Video: Unboxing and Included Parts. This video demonstrates the contents of the EZVALO Motion Sensor Night Lights package, including the lights, charging station, adhesive plates, and user manual.

SETUP AND INSTALLATION

The EZVALO NL01 lights are designed for easy, tool-free installation using built-in magnets and adhesive metal plates.

1. **Prepare the Surface:** Ensure the desired installation surface is clean, dry, and smooth.

2. **Attach Adhesive Plate:** Peel the protective film from one side of an adhesive iron plate. Place the patch onto the magnetic base of the night light, with the adhesive side facing upwards.

3. **Mount the Light:** Remove the protective film from the other side of the adhesive iron plate. Firmly press the light (with the attached iron plate) onto the desired position on the wall or surface. The light can also

attach directly to iron surfaces without the adhesive plate.

4. **Positioning:** For optimal motion detection, consider placing lights where movement is expected, such as along stairways or hallways. The unique downward lighting design safely illuminates your path.

Image: Magnetic Mount Installation. This image illustrates the three simple steps for installing the night lights using the adhesive metal plates and built-in magnets: 1. Adsorb the metal plate to the light, 2. Tear off the adhesive film, 3. Paste the light to the desired surface.

OPERATING INSTRUCTIONS

Toggle Switch Modes

Each night light features a toggle switch with three modes:

- **OFF:** The light is turned off.

- **AUTO:** Motion sensor mode. The light will turn on automatically when detecting human movement within 10ft/120° in a dark or low-light environment (less than 30 lux). It will auto-off after approximately 20 seconds of no motion detected.
- **ON:** The light is always on, regardless of motion or ambient light.

Motion Sensor Functionality

In AUTO mode, the integrated motion sensor detects movement within a 10-foot range and a 120-degree angle. The light activates only in dark conditions to save energy. Avoid moving directly towards the sensing area for consistent detection.

Image: Motion Sensor Functionality. This image illustrates the motion detection capability (120° angle, 3M distance) in dark environments and how the light prevents activation during the day to save power.

Adjustable Brightness

Each light features a button for brightness adjustment. Short press the button to cycle through three brightness levels: 30%, 60%, and 100%.

Image: Adjustable Brightness. This image shows the three adjustable brightness levels (30%, 60%, 100%) that can be selected by pressing the button on the light.

Sync LED Stair Lights (Group Use)

These stair lights can sync automatically. To pair multiple lights for synchronized operation:

1. Switch all desired lights to **AUTO** mode.
2. The lights will automatically enter pairing mode.
3. When one light detects motion, all paired lights (up to 18 lights within a 100-foot range) will illuminate simultaneously.
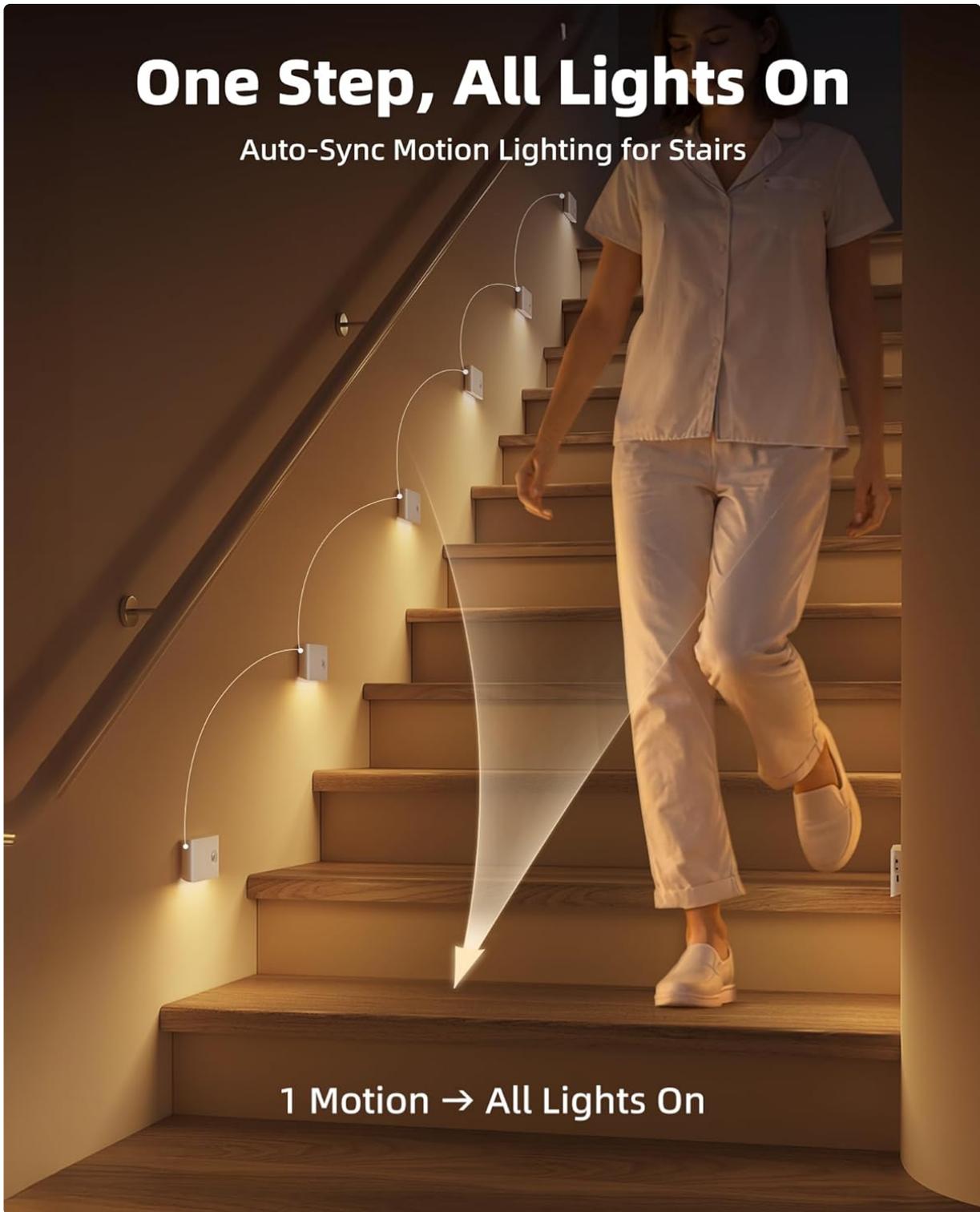
Image: Sync LED Stair Lights. This image demonstrates how multiple lights installed along a staircase illuminate simultaneously when motion is detected, providing comprehensive lighting.

CHARGING INSTRUCTIONS

The lights feature a 1500mAh rechargeable battery and a convenient 3-port charging station.

1. **Initial Charge:** Charge all lights fully before first use.

2. **Connect to Power:** Plug the Type-C charging cable into the charging port of the light and connect the USB-A end to a 5V==2A power adapter (not included). The 3-port charging station allows you to charge multiple lights simultaneously.

3. **Charging Indicator:** The indicator light on the charging station will be**Red** while charging and turn **Green** when fully charged. Note that if the red light reappears after a full charge, this is normal and not a

defect.

4. **Charging Time & Battery Life:** A full charge takes approximately 2 hours. The lights can last up to 15-45 days in motion sensor mode, depending on usage frequency.

5. **Usage During Charging:** Do not use the light while it is charging.

6. **Battery Health:** Recharge the lights every 30 days to maintain optimal battery health, even if they are not completely empty.
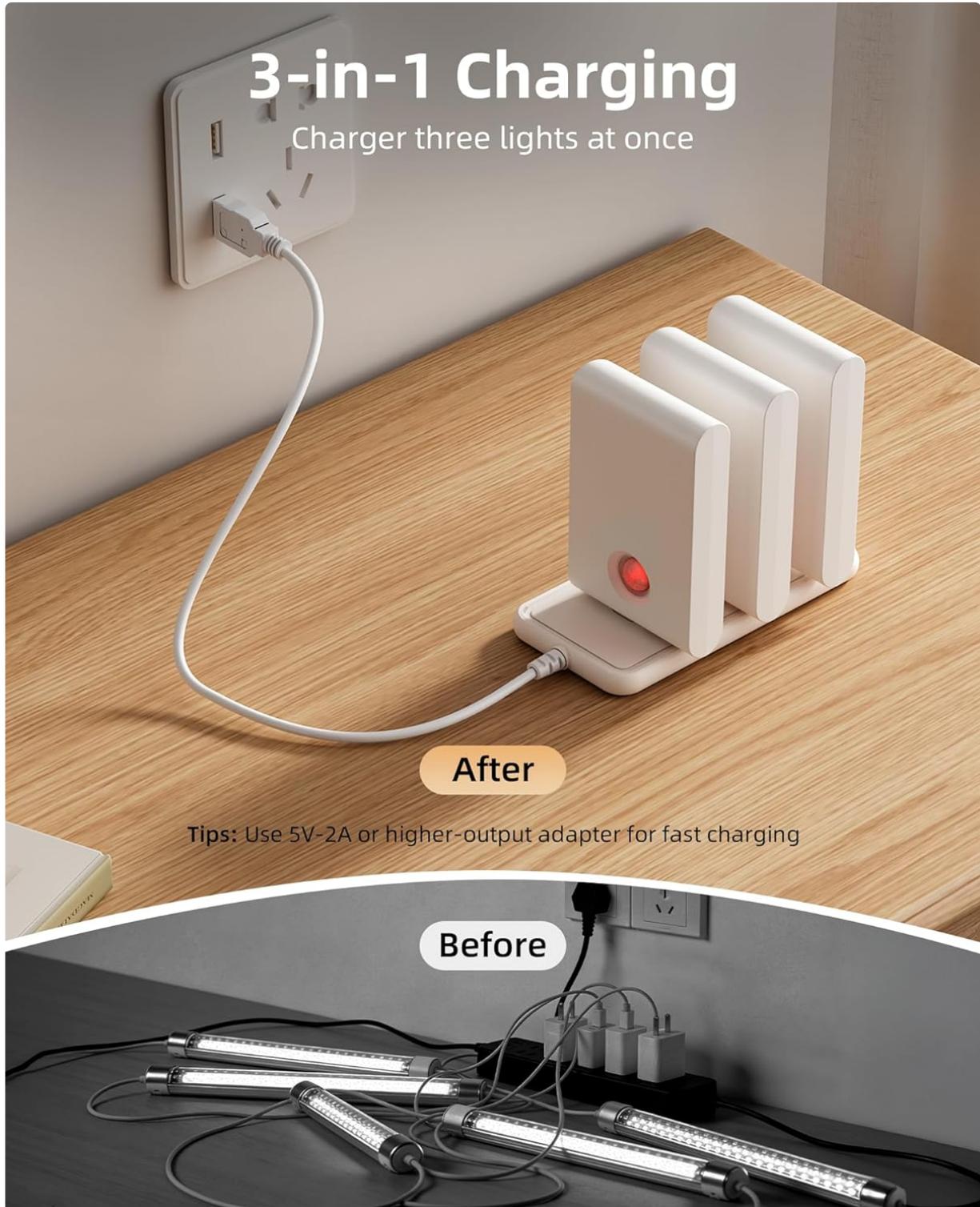

Image: 3-in-1 Charging. This image displays the compact 3-port charging station, allowing three night lights to be charged simultaneously, simplifying the charging process and reducing cable clutter.

MAINTENANCE

To ensure optimal performance and longevity of your EZVALO NL01 Motion Sensor Night Lights, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the lights and the motion sensor. Avoid using abrasive cleaners or solvents.
- **Sensor Care:** Keep the motion sensor lens clean and free from dust or obstructions to ensure accurate detection.
- **Storage:** When not in use for extended periods, store the lights in a cool, dry place away from direct sunlight and hazardous materials. Ensure they are charged periodically (every 30 days) to maintain battery health.

TROUBLESHOOTING

If you encounter issues with your EZVALO NL01 Motion Sensor Night Lights, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Light stays on or doesn't turn off.	Interference from other lights or environment.	Install the light in another location or adjust its position to test again.
Light doesn't work in AUTO mode.	Sensor is covered with dust.	Use a dry cloth to wipe the sensor clean.
Sensor doesn't work.	No temperature difference around the light.	Move the light to another location where temperature differences are more pronounced.
Light detects motion all the time.	Other lights are turned ON.	Switch other lights to OFF or AUTO mode.

SPECIFICATIONS

- **Model:** NL01
- **Dimensions:** 0.7"D x 3.9"W x 2.3"H
- **Item Weight:** 0.66 Kilograms (for the pack)
- **Material:** Plastic
- **Light Source Type:** LED
- **Light Color:** 3000K Soft White
- **Wattage:** 1.5 watts
- **Voltage:** 5 Volts (DC)
- **Power Source:** Battery Powered (1500mAh Lithium Ion, included)
- **Battery Life:** Up to 15-45 days (motion sensor mode)
- **Sensor Technology:** Motion Sensor (120° detection angle, 3M detection distance)
- **Special Features:** Energy Efficient, Motion Sensor, Rechargeable, Sync, Dimmable
- **Mounting Type:** Magnetic Mount
- **Indoor/Outdoor Usage:** Indoor only
- **Water Resistance Level:** Not Water Resistant

Image: Product Dimensions. This image provides a visual representation of the night light's dimensions (0.7 in depth, 3.9 in width, 2.3 in height) and a size comparison with a smartphone.

SAFETY AND USAGE GUIDELINES

Adhere to the following safety precautions and usage guidelines:

- **Damage Check:** Inspect the product for any damage upon arrival. If damage is found, contact customer service for a replacement.
- **Temperature Caution:** Avoid using the lights in environments with temperatures above 113°F (45°C). Charge the battery only within temperatures between 50°F (10°C) and 113°F (45°C).
- **Indoor Use Only:** This product is designed for indoor use only and is not waterproof. Do not expose it to water or high moisture areas.
- **Placement:** Do not install the lights near vents, heat sources, or areas with high humidity.

- **No Disassembly:** Do not attempt to disassemble, modify, or repair the product yourself. Contact customer service for assistance.
- **Battery Safety:** Do not use the product if the battery changes color, swells, or shows any signs of damage.
- **Storage:** Store the lights in a dry place, away from hazardous items.

WARRANTY AND SUPPORT

EZVALO provides the following support for its products:

- **30-Day Returns:** Unused items can be returned within 30 days of purchase for a refund or exchange.
- **2-Year Warranty:** Your product is covered against defects in materials and workmanship under normal household use for 2 years from purchase. If malfunctions occur, a free replacement with covered shipping is provided.
- **24-Hour Support:** For any quality issues, malfunctions, or missing accessories, contact service@ezvalo.com. Your inquiry will be responded to within 24 hours.