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> NIORSUN Motion Sensor Wall Light B003 Instruction Manual

NIORSUN B003

NIORSUN Motion Sensor Wall Light B003 Instruction Manual

Model: B003

1. PRODUCT OVERVIEW

The NIORSUN Motion Sensor Wall Light is a versatile, battery-operated lighting solution designed for various indoor spaces. It features a built-in 5000mAh rechargeable battery, motion sensing capabilities, and remote control operation. The light offers three color temperatures and dimmable brightness levels to suit different environments and preferences.



Image: NIORSUN Motion Sensor Wall Lights installed in a hallway, showcasing key features.

2. WHAT'S IN THE BOX

Verify that all components are present before proceeding with installation.

- Wall Sconces (Quantity as per pack size)
- Remote Control
- Mounting Accessories (Adhesive tape, screws, built-in level)

- USB-C Charging Cable

3. SPECIFICATIONS

Feature	Detail
Brand	NIORSUN
Model Number	B003
Power Source	Battery Powered (5000mAh Lithium Polymer)
Light Source Type	LED
Brightness	Up to 300 Lumens
Color Temperatures	3000K (Warm White), 4500K (Natural White), 5500K (Cool White)
Special Features	Dimmable, Motion Sensor, Remote Control, Timer Function, Memory Function
Control Method	Push Button, Remote
Product Dimensions	8.19"L x 5.9"W x 2.36"H
Material	Acrylonitrile Butadiene Styrene
Indoor/Outdoor Usage	Indoor
Charging Time	Approximately 3-4 hours for full charge
Battery Life	Up to 10 hours (continuous light), up to 3 months (motion-sensing, 10 triggers/day)

4. SETUP AND INSTALLATION

The NIORSUN Motion Sensor Wall Light is designed for easy, wireless installation without the need for drilling or complex wiring.

4.1 Charging the Device

Before first use, fully charge the wall light using the provided USB-C cable. Connect the cable to the USB-C port on the light and to a standard USB power adapter (not included). The charging indicator will show the charging status.



Image: USB-C Universal Charging for the wall light.

4.2 Mounting the Wall Light

The wall light can be installed using the adhesive backing or screws.

- 1. Prepare the Surface:** Ensure the wall surface is clean, dry, and smooth for optimal adhesion.
- 2. Attach Adhesive to Base:** Remove the protective film from the adhesive tape and firmly stick it to the back of the mounting base.
- 3. Position the Base:** Align the mounting base on the desired wall location. The built-in level helps ensure straight installation. Press firmly for 30 seconds to secure. For a more permanent fixture, use screws (not included) through the designated holes.
- 4. Attach the Light:** Once the base is secure, slide the wall light onto the mounting base. The light can be attached in either direction (reversible).



Image: Step-by-step installation process.

5. OPERATING INSTRUCTIONS

The NIORSUN wall light offers flexible operation modes and customization options via its integrated controls and remote.

5.1 Power On/Off and Mode Selection

The light features two primary modes: Always-On and Motion-Sensing. Use the buttons on the light or the remote control to switch between modes.

- **Always-On Mode:** The light remains continuously illuminated.
- **Motion-Sensing Mode:** The light activates when motion is detected within its range (approximately 150 degrees) and automatically turns off after 15 seconds of no motion.



Image: Operating modes: Always On, Motion Only, and Motion Sensor.

5.2 Adjusting Color Temperature and Brightness

Use the remote control to customize the light's appearance.

- **Color Temperature:** Switch between 3000K (Warm White), 4500K (Natural White), and 5500K (Cool White).
- **Brightness:** Adjust the light intensity to your preferred level. The light has a memory function that recalls the last used settings.

One Light, Three Smart Ways



Always On



Motion Only



Motion Sensor
(Automatically turns off after 15 seconds)

Image: Adjustable color temperatures and brightness levels.

5.3 Timer Function

The remote control includes a timer function (1H/2H/3H/4H) to automatically turn off the light after a set duration, conserving battery life.



Image: Timer function for energy saving.

5.4 Remote Control Usage

The infrared remote control allows you to adjust settings from a distance of 4-6 meters. Ensure a clear line of sight between the remote and the light for optimal performance.

Video: Demonstration of the NIORSUN Motion Sensor Wall Lights, including installation and various features like motion sensing and color temperature changes.

6. MAINTENANCE

To ensure the longevity and optimal performance of your NIORSUN Motion Sensor Wall Light, follow these maintenance guidelines:

- **Cleaning:** Wipe the light with a soft, dry cloth. Do not use abrasive cleaners or solvents, as they may damage the finish.
- **Charging:** Recharge the battery when the light output diminishes or when the low battery indicator (if present) activates. Avoid fully draining the battery frequently to prolong its lifespan.
- **Storage:** If storing the light for an extended period, ensure it is fully charged and store it in a cool, dry place. Recharge every 3-6 months to prevent deep discharge.
- **Environment:** This product is designed for indoor use only. Avoid exposure to moisture, extreme temperatures, or direct sunlight, which can affect performance and battery life.

7. TROUBLESHOOTING

If you encounter issues with your NIORSUN Motion Sensor Wall Light, refer to the following troubleshooting steps:

- **Light Not Turning On:**

- Check if the battery is charged. Recharge the light if necessary.
- Ensure the light is not in the 'Off' state. Press the power button or use the remote to turn it on.
- Verify that the motion sensor is not obstructed if in motion-sensing mode.

- **Motion Sensor Not Working:**

- Ensure the light is in motion-sensing mode.
- Check for obstructions in front of the sensor.
- Verify that the ambient light is low enough for the sensor to activate (the sensor typically works in dark conditions).

- **Remote Control Not Responding:**

- Ensure there is a clear line of sight between the remote and the light.
- Check the remote control's battery and replace if needed.
- Ensure the remote is within the effective operating range (4-6 meters).

- **Short Battery Life:**

- Ensure the light is fully charged (approx. 3-4 hours).
- Frequent activation in motion-sensing mode or continuous use in Always-On mode will consume battery faster.
- Extreme temperatures can affect battery performance.

If these steps do not resolve the issue, please contact customer support.

8. WARRANTY AND SUPPORT

NIORSUN stands behind the quality of its products.

- **Warranty:** This product is covered by a 3-year manufacturer's warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.
- **What is Covered:** Malfunctions or defects that occur during the warranty period due to manufacturing faults.
- **What is Not Covered:** Damage caused by misuse, accident, unauthorized modification, improper installation, or normal wear and tear.
- **Customer Support:** For warranty claims, technical assistance, or any questions regarding your NIORSUN Motion Sensor Wall Light, please contact NIORSUN customer service through the retailer where the product was purchased or visit the official NIORSUN store online.

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

Anonymous

Email

you@example.com

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