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OxyLED D03-1022N-18

OxyLED D03-1022N-18 Rechargeable Motion Sensor Under Cabinet Lights User Manual

Model: D03-1022N-18

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your OxyLED D03-1022N-18 Rechargeable Motion Sensor Under Cabinet Lights. Please read this manual thoroughly before use to ensure proper function and longevity of the product.



Image: Three OxyLED D03-1022N-18 motion sensor lights, showing their sleek design and the included USB charging cable.

2. Package Contents

Verify that all items are present in your package:

- OxyLED D03-1022N-18 Motion Sensor Light (3 units)
- Micro USB Charging Cable (3 units)
- Adhesive Magnetic Strips (3 units)
- User Manual (this document)

3. Product Specifications

Brand	OxyLED
Model Number	D03-1022N-18
Light Source Type	10 LED (SMD2835)

Light Color	Pure White
Brightness	1200 lumen
Power Source	Rechargeable 3.7V 600mAh Battery
Charging Time	Approximately 3-4 hours for full charge
Battery Life (Motion Sensor Mode)	Up to 3 months (5-8 detections/day)
Motion Sensor Detection Angle	120 degrees
Motion Sensor Detection Range	Up to 10 ft (3 meters)
Auto-off Time	15-20 seconds after no motion detected
Dimensions (L x W x H)	7.48" x 1.18" x 0.59" (18.5cm x 2.8cm x 1.5cm)
Material	Acrylonitrile Butadiene Styrene, Aluminum
Installation Type	Magnetic Mount
Indoor/Outdoor Usage	Indoor



Image: Detailed view of the light's dimensions and the Micro USB charging port, highlighting its rechargeable battery feature.

4. Setup and Installation

4.1 Initial Charging

Before first use, fully charge the lights. Connect the provided Micro USB cable to the light's charging port and plug the other end into a standard USB charger (not included), mobile phone charger, or computer USB port. The indicator light will show charging status (e.g., red for charging, blue for fully charged).

4.2 Mounting Instructions

The OxyLED lights feature a magnetic mounting system for easy installation and removal.

1. **Clean the Surface:** Ensure the desired mounting surface is clean, dry, and smooth.
2. **Attach Magnetic Strip:** Peel off the protective film from one side of the adhesive magnetic strip. Attach this side firmly to the desired mounting location.
3. **Mount the Light:** The light body has built-in magnets. Simply align the light with the installed magnetic strip on the surface. The magnets will hold the light securely in place.

4. **Adjust Position:** The light can be easily detached from the magnetic strip for recharging or repositioning.



Image: Step-by-step visual guide demonstrating the simple magnetic installation process for the under cabinet lights.

Important Note: Avoid placing two lights too close to each other. If they are too close, the motion sensor of one light may interfere with the other, preventing it from activating correctly.

5. Operating Instructions

5.1 Light Modes

The OxyLED D03-1022N-18 light features two operating modes: **OFF** and **AUTO**. There is no continuous "ON" mode; the light operates based on motion and ambient light conditions.

- **OFF Mode:** The light remains off regardless of motion or ambient light.
- **AUTO Mode (Motion Sensor):** In this mode, the light will automatically turn on when motion is detected within 10 feet (3 meters) and the ambient environment is dark enough. It will automatically turn off after 15-20 seconds if no further motion is detected.

5.2 Switching Modes

Locate the small switch on the side of the light unit. Slide the switch to select between the "OFF" and "AUTO" settings.

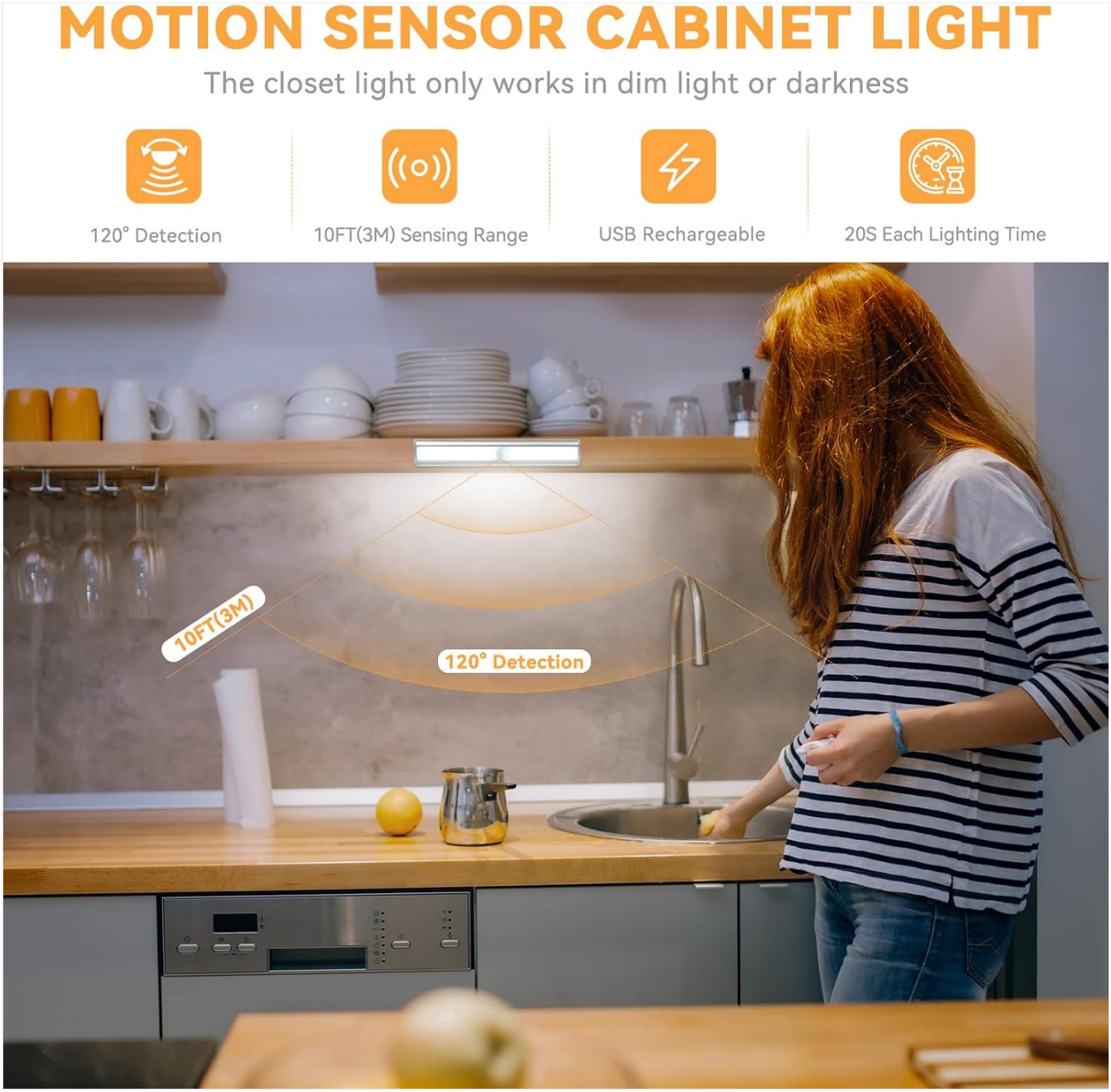


Image: Visual representation of the 120-degree detection angle and 10-foot sensing range of the motion sensor in a kitchen environment.

6. Maintenance

6.1 Cleaning

To clean the light, gently wipe the surface with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these may damage the finish or electronic components.

6.2 Battery Recharging

When the light output diminishes or the motion sensor becomes less responsive, it is time to recharge the battery. Detach the light from its magnetic mount and connect it to a USB power source using the provided Micro USB cable. A full charge typically takes 3-4 hours.

6.3 Storage

If storing the lights for an extended period, ensure they are fully charged before storage. Store them in a cool, dry place away from direct sunlight and extreme temperatures.

7. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on in AUTO mode.	◦ Insufficient ambient darkness. ◦ Battery is low or depleted. ◦ Motion sensor obstructed or dirty. ◦ Light is too close to another motion sensor light.	◦ Ensure the environment is dark enough for the light sensor to activate. ◦ Recharge the light fully. ◦ Clean the motion sensor lens. ◦ Relocate lights further apart (at least 10 ft).
Light turns on too frequently or randomly.	◦ Sensor is detecting unintended motion (e.g., pets, drafts). ◦ Light is in a high-traffic area.	◦ Adjust the light's position or angle to minimize false triggers. ◦ Consider using the light in a less active area or switching to OFF mode if continuous motion is present.
Light does not hold a charge.	◦ Battery degradation over time. ◦ Faulty charging cable or power adapter.	◦ Ensure the charging cable and adapter are functional. ◦ Contact customer support if the issue persists after trying a different cable/adapter.

8. Safety Information

- This product is designed for indoor use only. Do not expose to rain, moisture, or extreme temperatures.
- Do not disassemble or modify the light. This may cause damage, electric shock, or fire, and will void the warranty.
- Keep out of reach of children.
- Use only the provided or a certified Micro USB cable for charging.
- Avoid direct eye exposure to the LED light.

9. Warranty and Support

OxyLED products come with a limited warranty. For specific warranty details, please refer to the warranty card included with your purchase or visit the official OxyLED website. If you encounter any issues or require technical assistance, please contact OxyLED customer support:

- **Website:** www.oxyled.com
- **Email:** support@oxyled.com

Please have your model number (D03-1022N-18) and purchase information ready when contacting support.

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