**XINDUM SM01**

# XINDUM SM01 Smoke Alarm User Manual

Model: SM01

## Introduction

Thank you for choosing the XINDUM SM01 Smoke Alarm. This device is designed to provide early warning of smoke and fire, helping to protect your home and family. Please read this manual carefully before installation and use, and keep it for future reference.

The XINDUM SM01 features a 10-year sealed lithium battery, a photoelectric sensor for reliable smoke detection, and a convenient test/mute button. Its compact design ensures minimal impact on your home decor.




Figure 1: XINDUM SM01 Smoke Alarms (5-pack) with magnetic holders.

## Safety Warnings and Important Information

- This smoke alarm is designed for residential use only.
- Do not paint the smoke alarm. Painting may block the smoke entry points and interfere with the sensor's operation.
- The built-in battery is sealed and not replaceable. The alarm has a 10-year lifespan.
- Regularly test the alarm as described in this manual.
- This device is a standalone smoke alarm and cannot be linked with other alarms.
- Not suitable for Scottish homes due to specific new regulations requiring interlinked alarms.




Figure 2: Key features of the XINDUM SM01 Smoke Alarm.

## Product Overview

The XINDUM SM01 Smoke Alarm is compact and designed for easy integration into your home. Below is a diagram detailing its main components and dimensions.




Figure 3: Product details and dimensions of the SM01 Smoke Alarm.

- **Smoke Entrance:** Vents for smoke to enter the detection chamber.
- **Indicator Light:** Provides visual status (e.g., normal operation, alarm, mute).
- **Alarm:** Emits an audible alarm of 85dB or greater within 3 meters.
- **Test/Mute Button:** Used to test the alarm function or silence a nuisance alarm.

## Setup and Installation

The XINDUM SM01 Smoke Alarm offers two convenient installation methods: magnetic mounting or screw mounting.

### Choosing an Installation Location:

For optimal protection, install smoke alarms in all sleeping areas, hallways leading to sleeping areas, and on every level of your home, including the basement. Avoid installing in kitchens, bathrooms, or garages where steam, cooking fumes, or exhaust can cause false alarms.

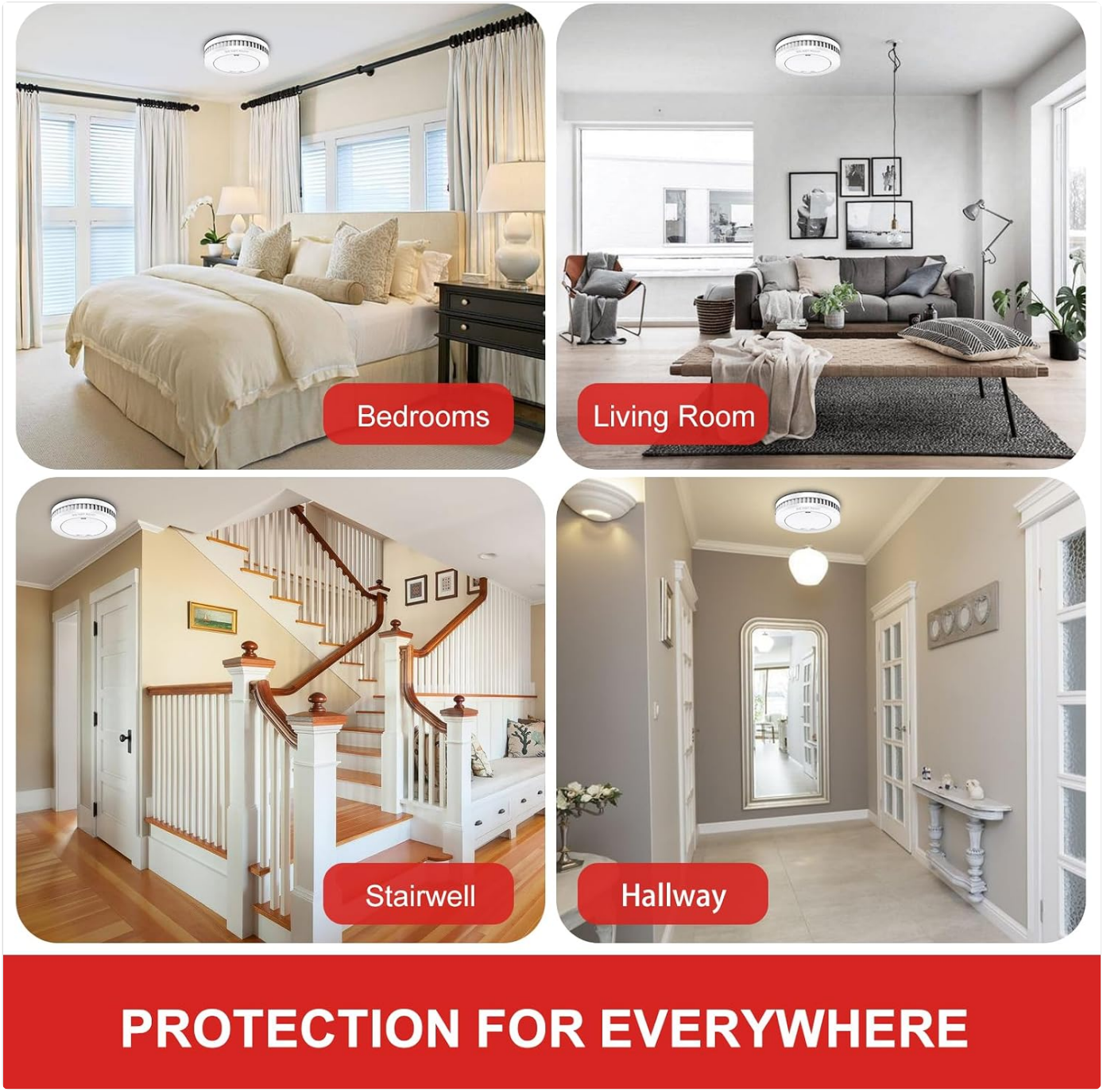



Figure 4: Recommended placement guide for smoke alarms.

### Installation Methods:

Both magnetic holders and screw kits are included for flexible installation.




Figure 5: Magnetic holder vs. screw installation options.

1. **Magnetic Holder Installation:**
    - Ensure the ceiling surface is clean and dry.
    - Peel off the protective film from one side of the magnetic holder.
    - Firmly press the adhesive side of the magnetic holder onto the desired ceiling location.
    - Align the smoke alarm with the magnetic holder and attach it. The magnets will secure the alarm in place.
2. **Screw Kit Installation:**
    - Mark the desired installation spot on the ceiling.
    - Drill two holes at the marked positions.
    - Insert the plastic anchors into the drilled holes.
    - Align the mounting bracket (if separate) or the alarm's base with the holes and secure it with the provided screws.
    - Twist the smoke alarm onto the secured mounting bracket until it clicks into place.

After installation, perform a test as described in the "Operating" section to ensure proper function.

## Operating the Smoke Alarm

### Normal Operation:

In normal operating mode, the XINDUM SM01 smoke alarm does not have a constantly flashing LED, making it suitable for bedrooms without disturbing sleep.




Figure 6: Designed for undisturbed sleep.

### Testing the Alarm:

It is crucial to test your smoke alarm regularly, at least once a month, to ensure it is functioning correctly.

- Press and hold the Test/Mute button located on the front of the alarm.
- The alarm will sound a loud, pulsating signal (85dB) and the indicator light will flash.
- Release the button. The alarm should stop.

- If the alarm does not sound during the test, refer to the Troubleshooting section.

### Mute Function:

The mute function allows you to temporarily silence the alarm in case of a nuisance alarm, such as those caused by cooking smoke.

- When the alarm sounds due to non-emergency smoke (e.g., cooking fumes), press the Test/Mute button.
- The alarm will be silenced for approximately 10 minutes.
- After 10 minutes, if smoke is still present, the alarm will reactivate.
- If the smoke clears, the alarm will return to normal monitoring mode.

### Alarm Indication:

When smoke is detected, the alarm will emit a loud, continuous 85dB signal and the red LED indicator will flash rapidly.




Figure 7: Smoke detection and alarm activation.

## Maintenance

Regular maintenance ensures the continued reliability of your smoke alarm.

- **Monthly Testing:** Test the alarm monthly using the Test/Mute button.
- **Cleaning:** Dust can accumulate on the alarm and affect its performance. Gently vacuum the alarm's vents with a soft brush attachment at least once a year. Do not use cleaning solvents or wet cloths.
- **Battery Life:** The alarm is equipped with a 10-year sealed lithium battery. When the battery is low, the alarm will chirp periodically (e.g., once every 30-60 seconds) to indicate it needs replacement. Since the battery is sealed, the entire unit must be replaced.




Figure 8: The SM01 features a 10-year 1600mAh sealed battery.

## Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|

| Problem | Possible Cause | Solution |
|---|---|---|
| Alarm does not sound during test. | Battery depleted or unit malfunction. | Ensure the alarm is properly activated. If it still doesn't work, the sealed battery may be depleted, or the unit is faulty. Replace the alarm. |
| Alarm chirps periodically (e.g., every 30-60 seconds). | Low battery warning. | The sealed 10-year battery is nearing the end of its life. Replace the entire smoke alarm unit immediately. |
| False alarms (nuisance alarms). | Cooking fumes, steam, high humidity, dust, or insect infestation. | Press the Test/Mute button to silence for 10 minutes.<br>Ventilate the area.<br>Clean the alarm as per maintenance instructions.<br>Relocate the alarm if it's consistently affected by cooking or steam. |
| Alarm sounds continuously without smoke. | Malfunction or persistent environmental factor. | Press the Test/Mute button. If it continues, ensure no smoke source is present. If the problem persists, the unit may be faulty and needs replacement. |

## Specifications

| Feature | Detail |
|---|---|
| Model Number | SM01 |
| Sensor Type | Photoelectric |
| Power Source | 3V DC (CR123A Lithium Battery, sealed) |
| Battery Life | 10 Years (sealed for life) |
| Alarm Loudness | ≥85dB at 3 meters |
| Product Dimensions | 8.5 x 8.5 x 2.4 cm |
| Item Weight | 75g (single unit) / 475g (5-pack) |
| Material | ABS |
| Installation Method | Magnetic holder or Screw kits |
| Certification | CE, EN14604 |
| Coverage Area | 20-40 |




Figure 9: Back of the SM01 unit with technical details.

## Warranty and Support

Specific warranty details are not provided in the product information. Please refer to the retailer's return policy or contact XINDUM customer support for warranty information.

For technical support or inquiries, please contact XINDUM customer service through the retailer's platform or visit the official XINDUM store on Amazon: XINDUM Store.

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