

## X-Sense XS01

# X-Sense XS01 Mini Smoke Alarm User Manual

STANDALONE PHOTOELECTRIC SMOKE DETECTOR WITH 10-YEAR BATTERY

## Introduction

Thank you for choosing the X-Sense XS01 Mini Smoke Alarm. This manual provides essential information for the proper installation, operation, and maintenance of your smoke detector. Please read it thoroughly before use and retain it for future reference. This device is designed to detect smoke and provide an early warning of fire, contributing to the safety of your home and family.

The X-Sense XS01 features a built-in 10-year lithium battery and an advanced photoelectric sensor for reliable smoke detection with fewer false alarms.

## Product Overview



The X-Sense XS01 Mini Smoke Alarm, shown in a 3-pack, highlighting its compact design.

## 10-Year Built-In Lithium Battery



Internal view illustrating the 10-year built-in lithium battery, designed for long-term operation without replacement.

## Sensitive but Accurate



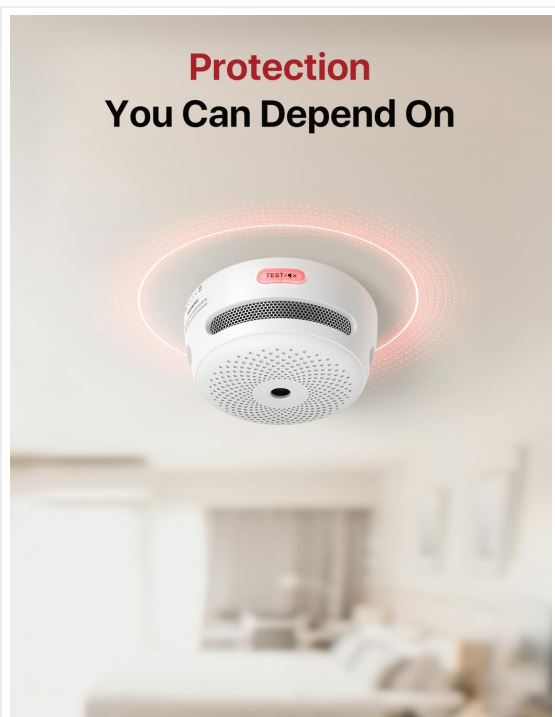
The smoke alarm's advanced photoelectric sensor samples air three times every 10 seconds for sensitive and accurate smoke detection.

## Compact Yet Powerful



The compact design of the XS01, measuring 3.1 inches (78 mm) in diameter and 1.9 inches (48 mm) in thickness, allows for discreet placement.

## Protection You Can Depend On



The alarm features a solid, fire-retardant ABS material construction for enhanced durability and safety.

### Included Components:

- X-Sense XS01 Smoke Alarm with Sealed 10-Year Lithium Battery
- Mounting Bracket
- Screws and Anchor Plugs
- User Manual

### Key Features:

- **10-Year Battery:** Equipped with a sealed lithium battery for a decade of continuous power.

- **Photoelectric Sensor:** Detects smoke from smoldering fires quickly and accurately.
- **Compact Design:** Mini size (3.1 x 1.9 inches) for unobtrusive placement.
- **Fire-Retardant Construction:** Made from ABS plastic for high-temperature resistance.
- **Loud Alarm:** Emits an 85 dB alarm at 10 feet (3 meters) to alert occupants.
- **Silence Button:** Allows temporary silencing of nuisance alarms.
- **LED Indicator:** Provides visual status of the alarm's operation.

## Setup and Installation

Proper installation is crucial for the effective operation of your smoke alarm. Follow these guidelines for optimal placement and mounting.

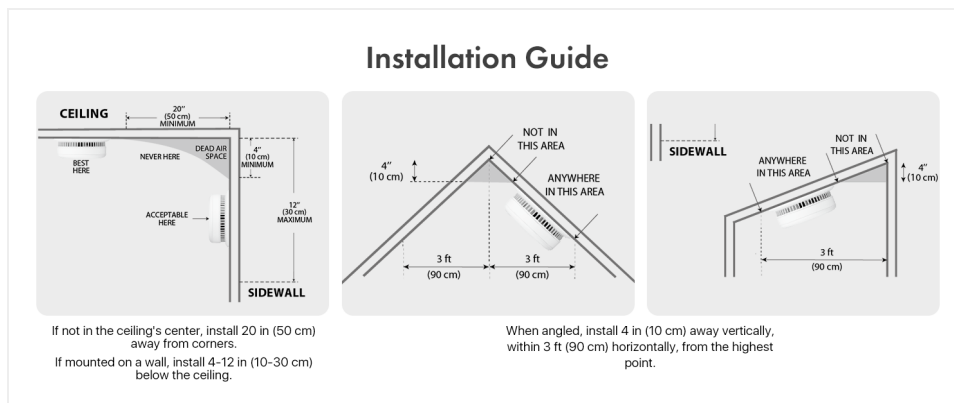
### Recommended Placement:

- Install smoke alarms in every sleeping room and on every level of your home, including the basement.
- For best protection, install a smoke alarm in each room where electrical appliances are regularly used.
- Mount the alarm on the ceiling in the center of a room, or on a wall at least 4 inches (10 cm) from the ceiling.

### Areas to Avoid:

- Do not install in kitchens, bathrooms, or garages where cooking fumes, steam, or exhaust can cause false alarms.
- Avoid placing near vents, fans, or doors that could interfere with smoke reaching the alarm.
- Keep away from areas with extreme temperatures (below 40°F or above 100°F).

### Mounting Instructions:



This diagram provides guidance for optimal smoke alarm placement on ceilings and walls, indicating minimum and maximum distances from corners and ceiling peaks to ensure effective smoke detection.

1. Choose a suitable mounting location according to the guidelines above.
2. Use the mounting bracket to mark the screw holes on the ceiling or wall.
3. Drill two holes and insert the anchor plugs.
4. Attach the mounting bracket using the provided screws.
5. Align the smoke alarm with the mounting bracket and twist clockwise until it clicks into place. This action will activate the alarm.
6. Test the alarm immediately after installation.

# Operating the Alarm

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## Testing the Alarm:

It is recommended to test your smoke alarm weekly to ensure it is functioning correctly.

- Press and hold the 'TEST/SILENCE' button located on the alarm for approximately 3 seconds.
- The alarm will emit 3 loud beeps, and the LED indicator will flash red.
- Release the button. If the alarm sounds, it is working properly. If it does not sound, refer to the Troubleshooting section.

## Silence Function:

The silence function can temporarily quiet the alarm for approximately 9 minutes in case of a non-emergency alarm (e.g., cooking fumes).

- During an alarm, press the 'TEST/SILENCE' button.
- The alarm will stop sounding, and the LED indicator will flash red every 5 seconds to indicate it is in silence mode.
- After approximately 9 minutes, the alarm will automatically reset. If smoke is still present, the alarm will sound again.

## LED Indicator Status:

- **Green LED flashes once every 60 seconds:** Normal operation.
- **Red LED flashes rapidly with alarm sound:** Smoke detected.
- **Red LED flashes once every 5 seconds:** Silence mode activated.
- **Yellow LED flashes once every 60 seconds with a chirp:** Low battery or fault. Refer to Troubleshooting.

# Maintenance

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Regular maintenance ensures your smoke alarm remains in optimal working condition.

## Cleaning Your Alarm:

- Clean your smoke alarm at least once a month.
- Gently vacuum the alarm's cover and vents using a soft brush attachment to remove dust and debris.
- Do not use water, cleaners, or solvents, as these can damage the unit.

## Battery Life and Replacement:

- The X-Sense XS01 is equipped with a sealed 10-year lithium battery that is non-replaceable.
- The alarm is designed to operate for 10 years under normal conditions.
- When the battery is low, the alarm will chirp approximately once every 60 seconds, accompanied by a yellow LED flash. This indicates the unit needs to be replaced.

## End of Life Indication:

After approximately 10 years of operation, the alarm will indicate its end of life by chirping every 30-40 seconds, even if the battery is not low. This signifies that the entire unit should be replaced.

# Troubleshooting

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Problem	Possible Cause	Solution
Alarm chirps once every 60 seconds with yellow LED.	Low battery.	Replace the entire smoke alarm unit.
Alarm chirps every 30-40 seconds.	End of life.	Replace the entire smoke alarm unit.
Alarm sounds frequently without smoke.	Nuisance alarm (steam, cooking fumes, dust).	Press the 'TEST/SILENCE' button. Clean the alarm. Relocate if nuisance alarms persist.
Alarm does not sound during test.	Unit not activated, faulty battery, or defective unit.	Ensure the alarm is properly twisted onto the mounting bracket. If still not working, replace the unit.
LED indicator not flashing.	Unit not activated or faulty.	Ensure the alarm is properly twisted onto the mounting bracket. If still not working, replace the unit.

## Specifications

<b>Model Number</b>	XS01
<b>Power Source</b>	Sealed 10-Year Lithium Battery (non-replaceable)
<b>Sensor Type</b>	Photoelectric
<b>Alarm Sound Level</b>	85 dB at 10 feet (3 meters)
<b>Operating Temperature</b>	40°F to 100°F (4.4°C to 37.8°C)
<b>Operating Humidity</b>	Up to 95% RH (non-condensing)
<b>Dimensions</b>	3.1 x 3.1 x 1.9 inches (78 x 78 x 48 mm)
<b>Weight</b>	Approximately 4.2 ounces (120 g)
<b>Coverage Area</b>	215-430 sq. ft.
<b>Material</b>	Fire-Retardant ABS Material

## Warranty and Support

X-Sense provides a comprehensive warranty and support for your product.

### Warranty Information:

- **60-Day Money-Back Guarantee:** If you are not satisfied with your purchase, you may return it within 60 days for a full refund.
- **5-Year Quality Warranty:** The X-Sense XS01 smoke alarm is covered by a 5-year warranty against

defects in materials and workmanship from the date of purchase.

- **Lifetime Technical Support:** X-Sense offers lifetime technical support to assist with any questions or issues you may encounter.

**Contact Support:**

For warranty claims, technical assistance, or any other inquiries, please contact X-Sense customer support through the official website or the contact information provided with your purchase documentation.