

X-Sense SD19-W

X-Sense Wireless Interconnected Smoke Detector Fire Alarm User Manual

Model: SD19-W

Brand: X-Sense

1. INTRODUCTION

This user manual provides essential information for the proper installation, operation, and maintenance of your X-Sense Wireless Interconnected Smoke Detector (Model SD19-W). This device is designed to provide early warning of smoke and fire hazards, enhancing the safety of your home or property. Please read this manual thoroughly before installation and keep it for future reference.

The X-Sense SD19-W features wireless interconnection, meaning if one alarm is triggered, all connected alarms will sound, ensuring comprehensive coverage and timely alerts throughout your property.

2. KEY FEATURES

- **Wireless Interconnection:** If one alarm is triggered, all interconnected alarms will sound, providing whole-home alerts.
- **Extended Transmission Range:** Features a radio frequency transmission range of over 820 ft (250 m) in open air.
- **10-Year Sealed Lithium Battery:** Equipped with a long-life battery that provides uninterrupted protection for up to 10 years, eliminating the need for frequent battery replacements.
- **Photoelectric Sensor:** Utilizes a photoelectric sensor for precise smoke detection, reducing false alarms.
- **Customizable Wireless Network:** Easily add new devices to an existing network or create multiple networks to suit your specific needs. Up to 24 Link+ wireless alarms can be connected.
- **Self-Test Function:** Automatically runs a self-test every 60 seconds to ensure reliable performance.
- **Insect-Proof Design:** Prevents insects from reaching the sensor, minimizing false alarms caused by pests.
- **Premium Quality Material:** Constructed from durable, corrosion-resistant, and flame-retardant ABS material.

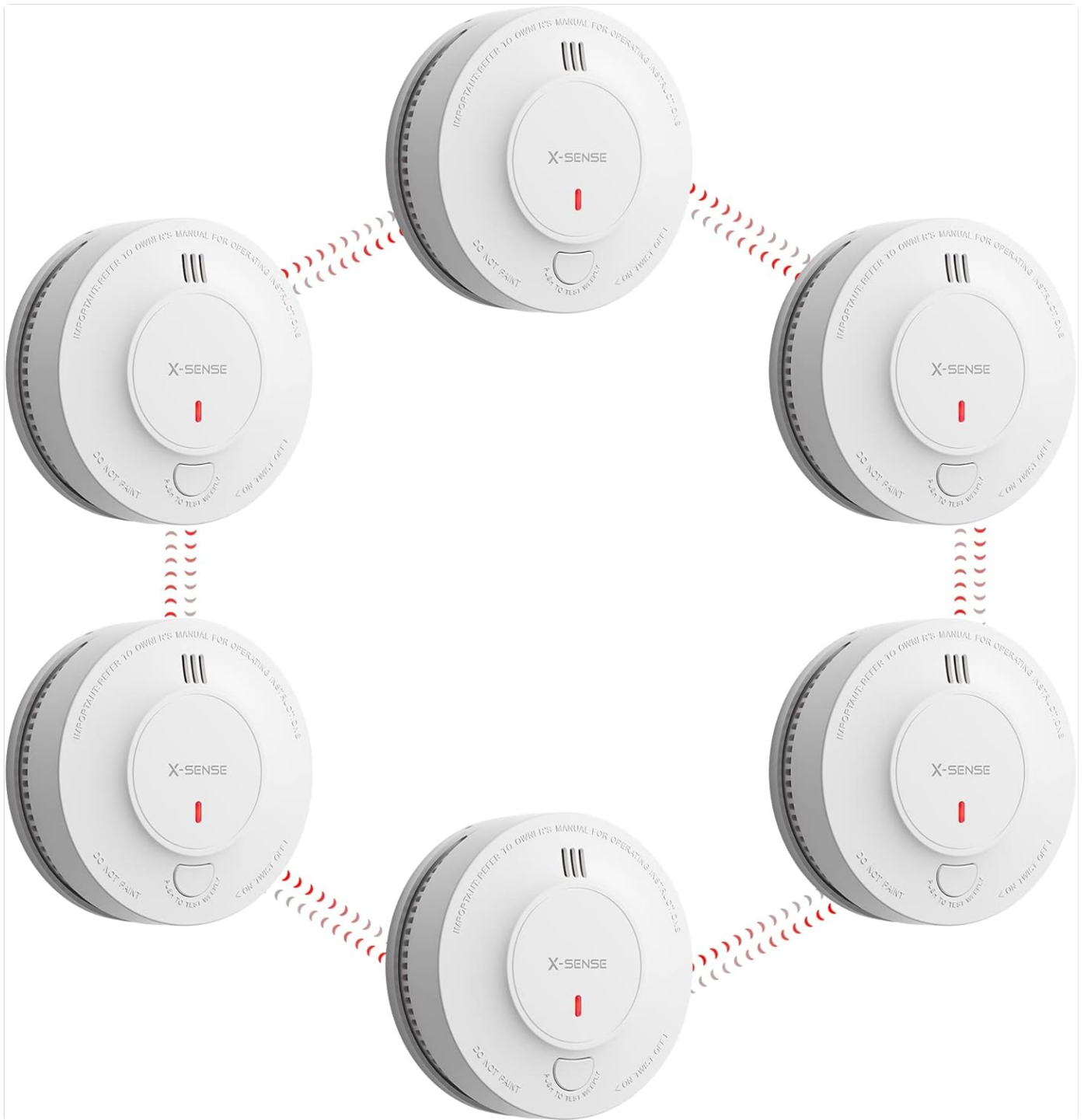


Image: Six X-Sense SD19-W smoke detectors demonstrating wireless interconnection.

Whole-Home Alerts

Interlinked alarms instantly alert everyone in your home.

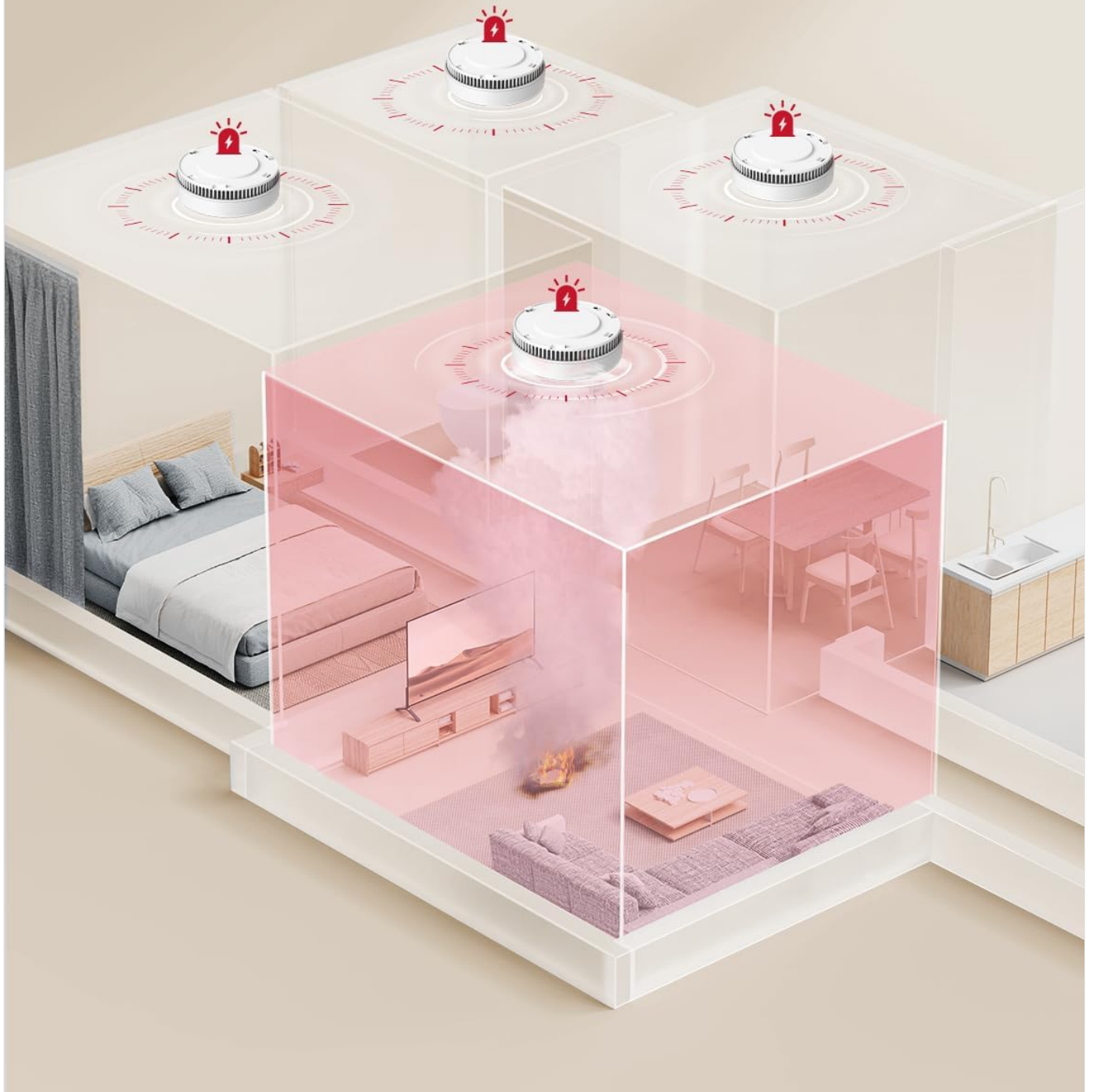


Image: A diagram illustrating how interconnected alarms provide whole-home alerts when smoke is detected in one area.

10-Year Sealed Lithium Battery

Decade-long protection for your family.



Image: A close-up of the X-Sense smoke detector highlighting its 10-year sealed lithium battery.

3. PACKAGE CONTENTS

Verify that all components are present and in good condition upon opening the package:

- 1 × User Manual

- 6 × Smoke Alarms SD19-W with Sealed 10-Year Lithium Battery
- 12 × Screws and Anchor Plugs



Image: The complete package contents for the X-Sense SD19-W 6-pack.

4. SETUP AND INSTALLATION

The multi-pack detectors are pre-connected for immediate use. For customized networks or adding new devices, follow the instructions below. Ensure all alarms are activated by attaching them to their mounting bases.

4.1. Initial Activation and Interconnection

1. Remove the smoke alarm from its packaging.
2. Attach the smoke alarm to its mounting base by twisting it clockwise until it clicks into place. This action activates the sealed 10-year lithium battery.
3. For multi-packs, the units are typically pre-interconnected. To verify, perform a test (see Section 5. Operating). If one alarm sounds, all others should follow.
4. To add new devices or create a new network, refer to the detailed pairing instructions in the included user manual.

4.2. Mounting Location

Install smoke alarms on every level of your home, including basements and attics. For optimal protection, install alarms inside each bedroom and outside every sleeping area. Mount on the ceiling or high on a wall, away from corners and obstructions.

4.3. Physical Installation

1. Choose a suitable mounting location.
2. Use the provided screws and anchor plugs to securely attach the mounting base to the ceiling or wall.
3. Twist the smoke alarm onto the installed mounting base until it is firmly in place.

Your browser does not support the video tag.

Video: Official X-Sense video demonstrating the setup and interconnection of the SD19-W Wireless Interconnected Smoke Detector.

5. OPERATING YOUR SMOKE DETECTOR

The SD19-W operates continuously once activated. The red LED indicator will flash periodically to confirm normal operation.

5.1. Testing the Alarm

It is crucial to test your smoke alarm weekly to ensure proper functioning. The SD19-W features a convenient Test/Silence button.

1. Press and hold the Test/Silence button located on the front of the alarm for a few seconds.
2. The alarm will emit a series of loud beeps, and the red LED will flash rapidly. If interconnected, all other alarms will also sound.
3. Release the button. The alarm should stop sounding.
4. If the alarm does not sound during the test, refer to the Troubleshooting section.

Note: Do not test the smoke alarm using an open flame. This may damage the alarm or ignite nearby flammable materials, potentially causing a building fire. Use a smoke detector tester spray if you wish to test with simulated smoke.

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Video: Official X-Sense video demonstrating how to test your smoke alarm using the test button and smoke tester spray.

5.2. Silencing the Alarm

In case of a non-emergency alarm (e.g., cooking fumes), you can temporarily silence the alarm:

- Press the Test/Silence button once. This will temporarily silence the alarm for approximately 9 minutes.
- If the smoke concentration is still high after the silence period, the alarm will reactivate.

- Ensure the cause of the alarm is identified and resolved before silencing.

6. MAINTENANCE

Regular maintenance ensures the longevity and reliability of your smoke detector.

6.1. Cleaning Your Alarm

Clean your smoke alarm at least once a month to remove dust and debris that could interfere with its operation.

- Gently vacuum the alarm's cover and vents using a soft brush attachment.
- Do not use water, cleaners, or solvents, as they may damage the unit.

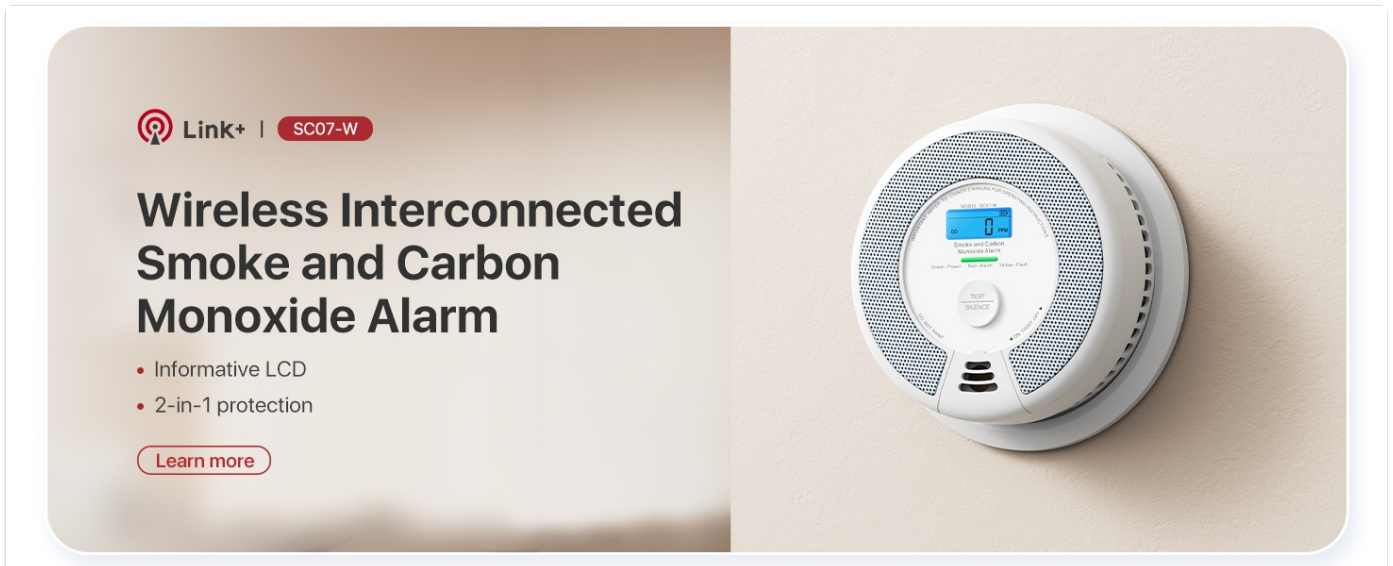


Image: The insect-proof design of the smoke detector helps prevent false alarms caused by small particles or insects.

6.2. Battery Life

The SD19-W is equipped with a sealed 10-year lithium battery. This battery is designed to last the entire lifespan of the alarm and is not replaceable. When the battery is low, the alarm will indicate this with a low battery warning (red LED flashes once every 60 seconds).

10-Year Sealed Lithium Battery

Decade-long protection for your family.



Image: The 10-year sealed lithium battery provides long-term, maintenance-free power.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Alarm does not sound during test.	Battery not activated or unit is faulty.	Ensure the alarm is twisted firmly onto its mounting base to activate. If still no sound, the unit may be faulty and needs replacement.
Frequent false alarms.	Dust/debris in sensor, cooking fumes, high humidity, or insects.	Clean the alarm regularly (monthly). Relocate the alarm away from cooking areas or high humidity. The insect-proof design helps, but cleaning is still necessary.
Alarm chirps periodically.	Low battery warning.	The sealed battery is nearing the end of its 10-year life. Replace the entire smoke alarm unit.
Only one alarm sounds in an interconnected system.	Interconnection issue or units not properly paired.	Ensure all units are within range and properly paired. Refer to the user manual for detailed pairing instructions. Perform a system test to confirm all alarms respond.

8. SPECIFICATIONS

Attribute	Detail
Model	SD19-W
Brand	X-Sense
Power Source	Sealed 10-Year Lithium Battery (CR17450, 3 Volts)
Sensor Type	Photoelectric
Alarm Type	Audible
Interconnection	Wireless (RF Interconnected Model)
Transmission Range	Over 820 ft (250 m) in open air
Dimensions (D x W x H)	4.8"D x 4.8"W x 1.7"H
Item Weight	6.4 ounces
Material	ABS Material
Installation Method	Self-Adhesive or Screw-In (screws and anchor plugs included)

9. WARRANTY AND SUPPORT

X-Sense provides comprehensive support for its products:

- **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 SD19-W smoke detector is covered by a 5-year warranty against defects in materials and workmanship.
- **Lifetime Technical Support:** X-Sense offers lifetime technical support to assist with any questions or issues you may encounter.

For further assistance, please refer to the full User Manual (PDF) available for download or contact X-Sense customer

support.

User Manual (PDF): [Download Here](#)