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› X-Sense SC06-W Wireless Interconnected Combination Smoke and Carbon Monoxide Detector User Manual

X-Sense SC06-W

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1. INTRODUCTION

This manual provides essential information regarding the installation, operation, and maintenance of your X-Sense SC06-W Wireless Interconnected Combination Smoke and Carbon Monoxide Detector. This device is designed to provide early warning of both smoke and carbon monoxide hazards in your home. It features wireless interconnection, allowing all connected alarms to sound simultaneously when one detects a threat, and is powered by a sealed 10-year lithium battery.

Important Note: The SC06-W model supports wireless interconnection but does not include Wi-Fi connectivity.

What's Included:

- X-Sense SC06-W Smoke and Carbon Monoxide Alarms (quantity as purchased)
- Mounting Screws and Anchor Plugs
- User Manual

2. PRODUCT OVERVIEW

Familiarize yourself with the components of your X-Sense SC06-W detector:



Product Details

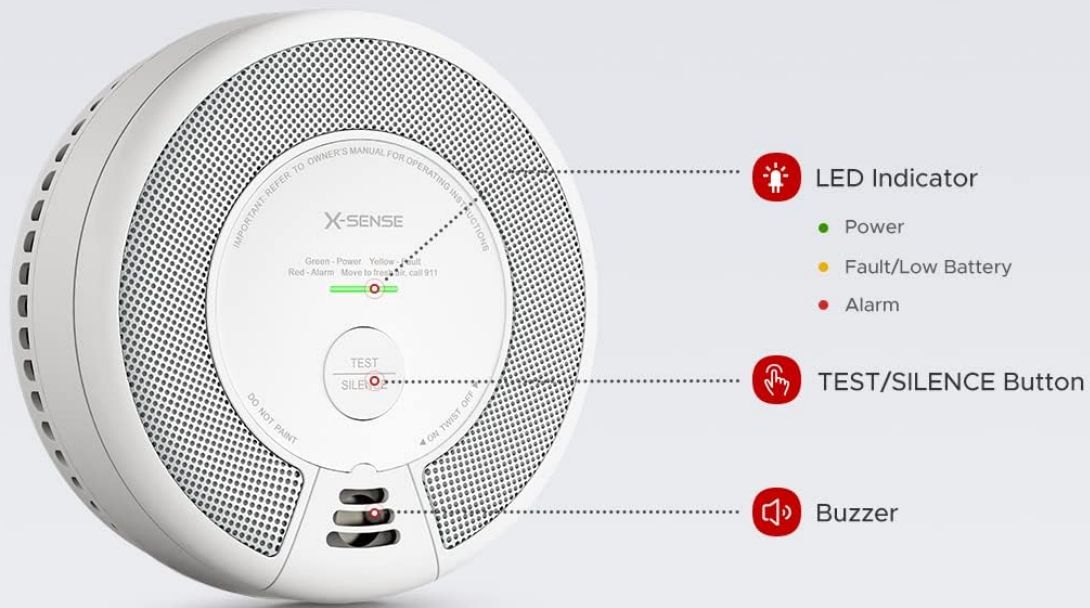


Image: Detailed view of the X-Sense SC06-W detector highlighting its LED indicator, Test/Silence button, and buzzer.

- **LED Indicator:** Displays the status of the alarm (Power, Fault/Low Battery, Alarm).
- **TEST/SILENCE Button:** Used to test the alarm's functionality and to silence false alarms.
- **Buzzer:** Emits the audible alarm sound.

3. SETUP AND INSTALLATION

Proper installation is crucial for the effective operation of your detector. Follow these steps carefully:

3.1 Choosing a Location

- Install at least one detector on every level of your home, including basements and attics.
- For optimal smoke detection, install detectors in all sleeping areas and in hallways leading to them.
- For optimal carbon monoxide detection, install detectors near sleeping areas and on every level of the home.
- Avoid installing near windows, doors, or areas with high airflow, as this can affect sensor accuracy.
- Keep detectors at least 5 feet (1.5 meters) away from fuel-burning appliances.

3.2 Mounting the Detector



Easy to Install in Only Minutes

Image: A person easily installing the X-Sense SC06-W detector on a ceiling, demonstrating the simple mounting process.

1. Select a suitable mounting location on a wall or ceiling.
2. Use the mounting bracket as a template to mark the drill holes.
3. Drill holes and insert the anchor plugs.
4. Attach the mounting bracket to the wall/ceiling using the provided screws.
5. Align the detector with the mounting bracket and twist clockwise until it locks into place.

3.3 Interconnecting Detectors

The SC06-W detectors can be wirelessly interconnected to create a comprehensive safety network. When one alarm sounds, all interconnected alarms will activate.



Image: Three X-Sense SC06-W detectors demonstrating their wireless interconnection capability, showing how they communicate with each other.



Links up to 24 Link+ wireless alarms for total home coverage



Image: An illustration of the X-Sense Link+ ecosystem, showing how up to 24 wireless alarms can be linked for comprehensive home protection.

Refer to the specific pairing instructions included in the packaging for detailed steps on how to interconnect multiple units. Up to 24 Link+ wireless smoke alarms, CO alarms, and combination alarms can be linked for maximum home protection.

4. OPERATING INSTRUCTIONS

4.1 Testing the Alarm

It is recommended to test your detector weekly to ensure proper operation.



One Button to Test All Wireless Detectors

Image: A woman pressing the Test/Silence button on a wall-mounted X-Sense SC06-W detector, demonstrating the single-button test feature.

1. Press and hold the **TEST/SILENCE** button on any interconnected unit.
2. The alarm will sound, and the LED indicator will flash.
3. All interconnected units should also sound.
4. Release the button. The alarm will stop.

4.2 Silence Function

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

1. Press the **TEST/SILENCE** button once.
2. The alarm will enter a temporary silence mode for approximately 9 minutes.
3. If the smoke or CO concentration remains high after the silence period, the alarm will reactivate.

4.3 Alarm Indication



When One Sounds, They All Do!

Image: An exterior view of a house with multiple X-Sense detectors installed, visually representing the 'When One Sounds, They All Do!' feature of interconnected alarms.

- **Smoke Alarm:** The alarm will emit three long beeps, followed by a pause, and the red LED will flash rapidly. This pattern repeats.
- **Carbon Monoxide Alarm:** The alarm will emit four quick beeps, followed by a pause, and the red LED will flash rapidly. This pattern repeats.
- **Interconnected Alarm:** If one alarm detects smoke or CO, all interconnected alarms will sound the corresponding alarm pattern.

5. MAINTENANCE

Regular maintenance ensures the longevity and reliability of your detector.

5.1 Cleaning Your Detector

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

- Gently vacuum the exterior of the detector using a soft brush attachment.
- Do not use cleaning solvents or sprays directly on the detector.
- Do not paint the detector.

5.2 Battery Information

The SC06-W detector is equipped with a sealed 10-year lithium battery, designed to last the entire lifespan of the unit. The battery is not replaceable.

10-Year Built-In Battery Without Replacement



Lithium Battery 10-Year Lifespan



Image: A single X-Sense SC06-W detector highlighting its 10-year built-in lithium battery, which does not require replacement.

- When the battery is low, the detector will emit a chirp every 60 seconds, and the yellow LED will flash.
- Replace the entire unit when the low battery warning occurs or after 10 years from the activation date.

5.3 End-of-Life Indication

After approximately 10 years of operation, the detector will indicate its end-of-life by chirping every 30 seconds with a yellow LED flash. At this point, the entire unit must be replaced.

6. TROUBLESHOOTING

If your detector is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Alarm chirps every 60 seconds (Yellow LED flashes)	Low battery warning	Replace the entire detector unit.
Alarm chirps every 30 seconds (Yellow LED flashes)	End-of-life warning	Replace the entire detector unit.
False alarms (smoke)	Cooking fumes, steam, dust, high humidity	Press the TEST/SILENCE button. Relocate the detector if false alarms persist due to environmental factors. Clean the detector.
Alarm does not sound during test	Unit malfunction	Ensure the unit is properly activated. If it still fails, replace the unit.
Interconnected alarms do not sound	Pairing issue, distance, interference	Re-pair the units according to the pairing instructions. Ensure units are within range and free from significant interference.

7. SPECIFICATIONS

Key technical specifications for the X-Sense SC06-W detector:

- **Brand:** X-Sense
- **Model:** SC06-W
- **Style:** RF Interconnected Model
- **Power Source:** Battery Powered (Sealed 10-Year Lithium Battery)
- **Sensor Type:** Photoelectric (Smoke), Electrochemical (Carbon Monoxide)
- **Product Dimensions:** 5.7"D x 5.7"W x 2"H (14.5 cm x 14.5 cm x 5.1 cm)
- **Item Weight:** 1 Pound (0.45 kg)
- **Alarm:** Audible
- **Material:** Heat-Resistant PC Plastic Material
- **Voltage:** 3 Volts
- **Installation Method:** Screw-In
- **Coverage:** 215-430 sq. ft. (20-40 m²)

8. WARRANTY AND SUPPORT

X-Sense provides the following support for your SC06-W detector:

- **Warranty:** 60-day money-back guarantee, 5-year quality warranty.
- **Technical Support:** Lifetime technical support.

For further assistance, please contact X-Sense customer support through their official website or the contact

information provided with your purchase.