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X-Sense SC07-WX

X-Sense Wi-Fi Smoke and Carbon Monoxide Alarm SC07-WX User Manual

Model: SC07-WX | Brand: X-Sense

INTRODUCTION

This user manual provides essential information for the installation, operation, and maintenance of your X-Sense Wi-Fi Smoke and Carbon Monoxide Alarm, model SC07-WX. This device is designed to provide early warning of smoke and carbon monoxide presence, enhancing the safety of your home. The SC07-WX combines photoelectric smoke sensing technology with an electrochemical carbon monoxide sensor for comprehensive protection.



Figure 1: X-Sense SC07-WX Alarms and App Interface

The image displays several X-Sense SC07-WX combination alarms, each featuring a digital display. Alongside the alarms, a smartphone screen shows the X-Sense Home Security app, indicating a "Smoke Alarm Triggered" notification with details about the detection time and location. This illustrates the product's design and its smart home integration capabilities.

KEY FEATURES

- **2-in-1 Protection:** Combines photoelectric smoke and Figaro electrochemical CO sensors for accurate and reliable detection of both smoke and carbon monoxide.
- **Decade-Long Lifespan:** Designed for a 10-year operational lifespan, providing long-term safety and peace of mind.
- **Direct Wi-Fi Connection:** Connects directly to your 2.4 GHz Wi-Fi network, eliminating the need for a separate base station.
- **X-Sense Home Security App Integration:** Receive real-time notifications, monitor device status, and manage settings directly from your smartphone.
- **Device Sharing:** Share access to your alarm system with up to 12 family members or friends through the app.
- **Optional 24/7 Professional Monitoring:** Subscribers to Protect+ Premium can benefit from rapid fire dispatch services upon

2-in-1 Protection



Figure 2: 2-in-1 Protection Mechanism

This image illustrates the dual detection capability of the X-Sense SC07-WX alarm. It shows the device mounted on a wall, with visual cues indicating the detection of both smoke and carbon monoxide (CO) particles, highlighting its comprehensive safety features.

SETUP AND INSTALLATION

1. Unpacking and Battery Installation

1. Carefully remove the alarm from its packaging.
2. Locate the battery compartment on the back of the alarm.
3. Insert the provided replaceable batteries, ensuring correct polarity (+ and -). The alarm will emit a short beep to indicate it has powered on.

2. App Download and Wi-Fi Connection

1. Download the **X-Sense Home Security** app from the App Store (iOS) or Google Play Store (Android).
2. Create an account or log in if you already have one.
3. Follow the in-app instructions to add your SC07-WX alarm. Ensure your smartphone is connected to a 2.4 GHz Wi-Fi network during the pairing process.
4. The alarm will connect directly to your home's 2.4 GHz Wi-Fi network.

Direct Wi-Fi Connection



Figure 3: Direct Wi-Fi Connection

This image visually represents the direct Wi-Fi connectivity of the X-Sense SC07-WX alarm. The alarm is shown mounted on a wall, with animated Wi-Fi signals radiating outwards, emphasizing its ability to connect directly to a 2.4 GHz network without additional hardware.

3. Mounting the Alarm

- Choose a suitable location for installation. For optimal protection, install alarms in every sleeping area and on every level of

your home.

- Avoid installing near windows, doors, or vents where drafts could interfere with detection.
- Use the provided mounting bracket and screws to securely attach the alarm to the wall or ceiling.
- Twist the alarm onto the mounting bracket until it clicks into place.

OPERATING THE ALARM

1. Testing the Alarm

- Press and hold the "TEST/SILENCE" button on the alarm until it sounds. This tests both the smoke and CO sensors.
- The alarm will emit a series of loud beeps and the LED indicator will flash.
- You should also receive a test notification on your X-Sense Home Security app.
- Test your alarms weekly to ensure proper operation.

2. Understanding Alarm Signals

- **Smoke Alarm:** Three long beeps followed by a pause, repeated. The LED will flash red.
- **Carbon Monoxide (CO) Alarm:** Four quick beeps followed by a pause, repeated. The LED will flash red.
- **Low Battery Warning:** A single chirp every 60 seconds. The LED will flash yellow.
- **Malfunction Warning:** A single chirp every 30 seconds. The LED will flash yellow.

3. Silence Function

- In case of a nuisance alarm (e.g., cooking smoke), press the "TEST/SILENCE" button on the alarm or use the silence function in the X-Sense Home Security app.
- The alarm will temporarily silence for a period (typically 5-10 minutes) and then automatically reset.

4. App Features and Notifications

- **Real-Time Notifications:** Receive instant alerts on your smartphone for smoke, CO, low battery, and malfunction events.
- **Device Status:** View the current status of all connected alarms, including battery level and last detected event.
- **Device Sharing:** Share access to your home's alarms with family and friends. They will also receive notifications and can monitor the system.

Cost-Free Real-Time Notifications

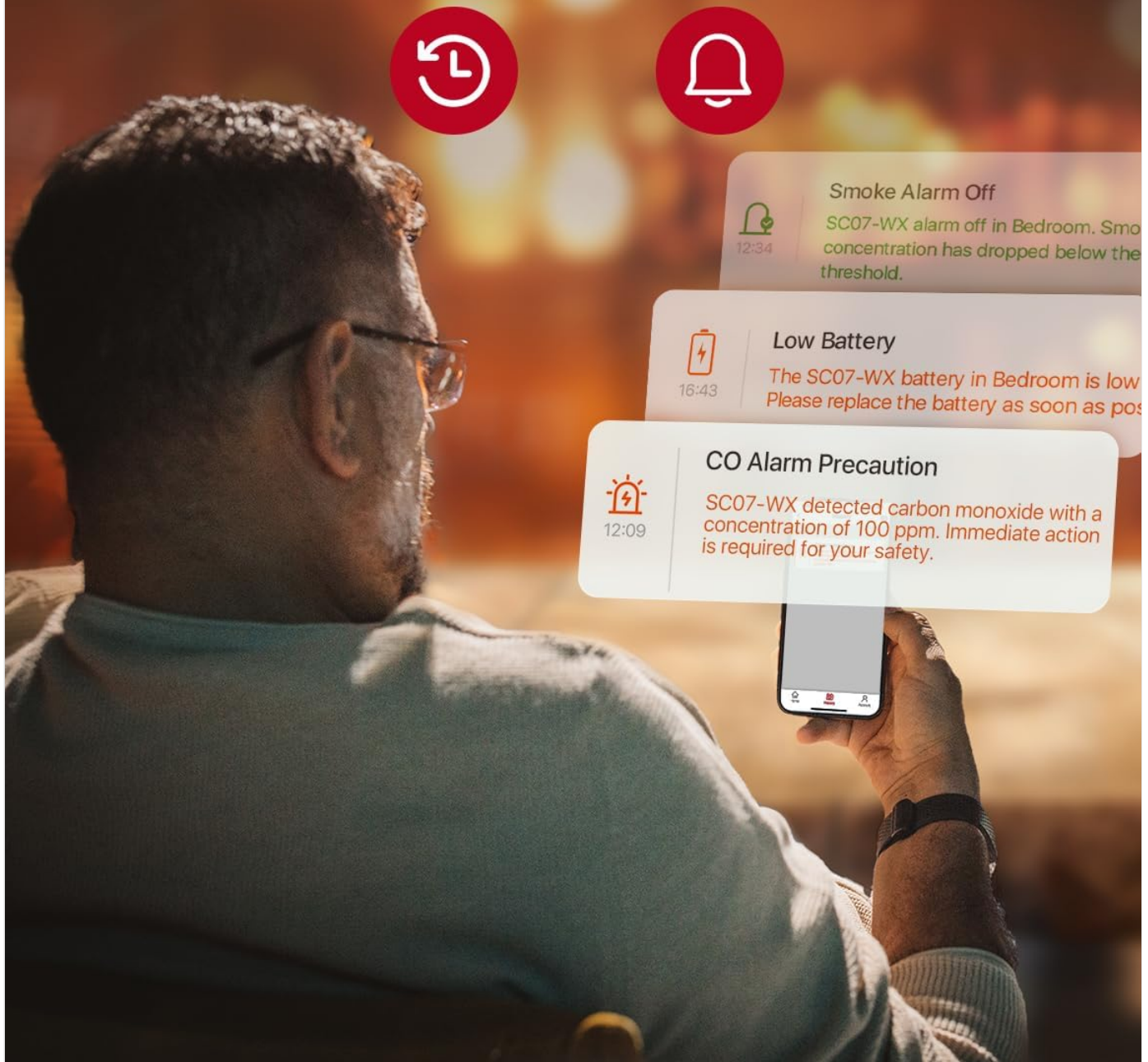


Figure 4: Cost-Free Real-Time Notifications

This image shows a user interacting with the X-Sense Home Security app on their smartphone. The screen displays various real-time notifications such as "Smoke Alarm Off," "Low Battery," and "CO Alarm Precaution," demonstrating the app's ability to provide immediate and cost-free alerts to the user.

App **Sharing** Feature



Figure 5: App Sharing Feature

The image depicts the app sharing functionality, where a primary user can share access to the alarm system with multiple family members or friends. This allows multiple individuals to receive alerts and monitor the home's safety status, enhancing collective awareness.

5. Optional 24/7 Professional Monitoring (Protect+ Premium)

- For subscribers to the Protect+ Premium service, the alarm system can be linked to 24/7 professional monitoring.

- Upon an alarm trigger, the monitoring center will receive an alert within 3 seconds to verify the emergency.
- Once verified, emergency services (e.g., fire department) will be dispatched immediately.

Optional **24/7** Fire Dispatch Service



Figure 6: Optional 24/7 Fire Dispatch Service

This image illustrates the availability of an optional 24/7 professional monitoring service. A fire truck is depicted in motion, signifying the rapid dispatch of emergency services in the event of a verified alarm, providing an additional layer of security.

MAINTENANCE

- **Regular Testing:** Test your alarm weekly by pressing the "TEST/SILENCE" button.
- **Cleaning:** Dust can accumulate on the alarm and affect its performance. Gently vacuum the alarm's vents and cover monthly using a soft brush attachment. Do not use cleaning solvents or sprays.
- **Battery Replacement:** When the alarm emits a low battery chirp (one chirp every 60 seconds), replace the batteries immediately. Refer to the "Battery Installation" section under Setup for instructions.
- **End-of-Life Indication:** The alarm has a 10-year lifespan. After 10 years from the manufacturing date (found on the back of the unit), the alarm will indicate its end-of-life with a specific signal (refer to the alarm's display or app for details). Replace the unit immediately.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm chirps every 60 seconds.	Low battery.	Replace the batteries immediately.
Alarm chirps every 30 seconds.	Malfunction or end-of-life.	Perform a test. If the chirp persists, the unit may be faulty or has reached its end-of-life. Replace the alarm.
Alarm sounds frequently without apparent smoke/CO.	Nuisance alarm (e.g., cooking smoke, high humidity), dust accumulation.	Press the "TEST/SILENCE" button. Clean the alarm regularly. Ensure proper ventilation in cooking areas.
Cannot connect to Wi-Fi or app.	Incorrect Wi-Fi band (not 2.4 GHz), weak signal, incorrect password, app issue.	Ensure your router is broadcasting a 2.4 GHz network. Move the alarm closer to the router. Re-enter Wi-Fi password carefully. Restart the app and alarm.
No notification on phone.	App notifications disabled, phone not connected to internet, alarm not connected to Wi-Fi.	Check app notification settings on your phone. Ensure your phone has internet access. Verify the alarm's Wi-Fi connection status in the app.

SPECIFICATIONS

Feature	Detail
Model	SC07-WX
Sensor Type	Photoelectric (Smoke), Electrochemical (CO)
Power Source	Battery Powered (Replaceable)
Alarm Volume	Audible (85 dB at 10 ft)
Wi-Fi Connectivity	2.4 GHz
Operating Temperature	40–100°F (4.4–37.8°C)
Operating Humidity	10–95% RH (non-condensing)
Lifespan	10 Years

IMPORTANT SAFETY INFORMATION

- Never ignore any alarm. Ignoring an alarm can result in injury or death.
- Do not paint the alarm. Paint can clog the openings and interfere with the sensor's ability to detect smoke or CO.
- Do not use cleaning sprays or solvents on the alarm.
- Regularly test your alarm as recommended in this manual.
- Replace the alarm unit after 10 years from the manufacturing date, or immediately if it indicates an end-of-life warning.
- This alarm is not intended to replace proper installation, use, and maintenance of fuel-burning appliances, including appropriate ventilation and exhaust systems.

WARRANTY AND SUPPORT

X-Sense products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product packaging or visit the official X-Sense website. For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact X-Sense customer service through their official website or the X-Sense Home Security app.

X-Sense Official Website: www.x-sense.com