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X-Sense SD19-W, XC01-WR, RC01

X-Sense Wireless Interconnected Safety System User Manual

Models: SD19-W Smoke Detector, XC01-WR Carbon Monoxide Alarm, RC01 Remote Controller

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your X-Sense Wireless Interconnected Safety System. This system includes the SD19-W smoke detector, XC01-WR carbon monoxide alarms, and the RC01 remote controller. Please read this manual thoroughly before installation and keep it for future reference.

2. PACKAGE CONTENTS

The X-Sense Wireless Interconnected Safety System bundle includes the following components:

- 1 x SD19-W Wireless Interconnected Smoke Detector
- 2 x XC01-WR Wireless Interconnected Carbon Monoxide Alarms
- 1 x RC01 Remote Controller
- Mounting brackets and screws for each alarm
- User Manual (this document)



Figure 1: Components of the X-Sense Wireless Interconnected Safety System. This image displays the SD19-W smoke detector (top right), two XC01-WR carbon monoxide alarms (bottom), and the RC01 remote controller (left).

3. PRODUCT OVERVIEW

3.1 SD19-W Wireless Interconnected Smoke Detector

The SD19-W is a wireless interconnected smoke detector designed to provide early warning of fire. Its housing is constructed from flame-retardant and high-temperature resistant ABS material for enhanced safety and durability.

3.2 XC01-WR Wireless Interconnected Carbon Monoxide Alarm

The XC01-WR is a wireless interconnected carbon monoxide (CO) alarm. It features a high-quality Figaro electrochemical CO sensor, known for its stable performance and a 10-year lifespan. The alarm is powered by a replaceable battery that lasts for 5 years.

3.3 RC01 Remote Controller

The RC01 remote controller provides a convenient way to interact with your interconnected alarms. It allows you to easily test all linked alarms and mute false alarms without needing to physically reach each unit, which is particularly useful for alarms installed in high locations or for users with mobility challenges.

4. SETUP AND INSTALLATION

4.1 General Placement Guidelines

For optimal protection, install smoke alarms on every level of your home, inside each sleeping area, and in the hallway outside each sleeping area. Install carbon monoxide alarms on every level of your home and in sleeping areas. Avoid installing alarms near windows, doors, or vents where drafts could interfere with sensor readings. Keep alarms away from areas with high humidity or extreme temperatures.

4.2 SD19-W Smoke Alarm Installation

1. Choose a suitable location on the ceiling or wall, away from corners and obstructions.
2. Mount the bracket using the provided screws.
3. Attach the smoke alarm to the mounting bracket by twisting it clockwise until it clicks into place.
4. Perform an initial test by pressing the 'TEST' button.

4.3 XC01-WR Carbon Monoxide Alarm Installation

1. Select a location that is at least 5 feet (1.5 meters) from the floor, but not on the ceiling unless specified by local codes.
2. Mount the bracket using the provided screws.
3. Attach the CO alarm to the mounting bracket by twisting it clockwise until it clicks into place.
4. Perform an initial test by pressing the 'TEST' button.

4.4 Wireless Interconnection Process

The X-Sense Link+ system allows up to 24 wireless alarms (smoke, CO, and combination alarms) to be interconnected via RF technology, creating a comprehensive safety network. Follow the instructions provided with each alarm to initiate the interconnection process. Typically, one alarm is set as the primary unit, and others are paired to it. Once interconnected, if one alarm detects a hazard, all linked alarms will sound.

4.5 RC01 Remote Controller Pairing

To pair the RC01 remote controller with your interconnected alarms, follow the specific pairing instructions included with the remote. This usually involves activating a pairing mode on the alarms and then on the remote controller within a short timeframe. Once paired, the remote can control all linked alarms.

5. OPERATION

5.1 Testing the Alarms

It is recommended to test your alarms weekly to ensure proper operation. Press and hold the 'TEST' button on any alarm or use the RC01 remote controller. All interconnected alarms should sound a loud alarm and flash their LED indicators. Release the button to stop the test.

5.2 Silencing Alarms

In case of a false alarm (e.g., from cooking fumes), you can silence the alarms by pressing the 'TEST/SILENCE' button on any alarm or by using the mute function on the RC01 remote controller. The alarm will temporarily silence for a set period, typically 9 minutes, before resetting. If the hazard persists, the alarm will reactivate.

5.3 LED Indicators and Audible Signals

Your X-Sense alarms use both LED indicators and audible signals to communicate their status:

- **Green LED:** Indicates normal operation and power.

- **Red LED:** Flashes during an alarm event (smoke or CO detected) or during a test.
- **Yellow LED:** Indicates a fault, low battery, or end-of-life warning.
- **Audible Alarm:** A loud, piercing sound indicates a detected hazard. Different patterns may distinguish between smoke and CO alarms.

5.4 Remote Controller Functions

The RC01 remote controller allows you to:

- **Test:** Initiate a test of all interconnected alarms.
- **Mute:** Silence false alarms across the interconnected system.

6. MAINTENANCE

6.1 Battery Replacement (XC01-WR)

The XC01-WR carbon monoxide alarm uses a replaceable battery with a 5-year lifespan. When the battery is low, the alarm will chirp and the yellow LED will flash. Refer to the specific instructions provided with the XC01-WR for safe battery replacement.

6.2 Cleaning

Clean your alarms regularly, at least once a month, to prevent dust and debris from accumulating and affecting sensor performance. Use a soft, damp cloth to wipe the exterior. Do not use cleaning solvents or spray directly onto the alarm. Vacuum around the vents with a soft brush attachment.

6.3 Regular Testing

Continue to test your alarms weekly as described in Section 5.1 to ensure they are functioning correctly.

7. TROUBLESHOOTING

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

- **Alarm chirps periodically:** This usually indicates a low battery (for XC01-WR) or an end-of-life warning. Replace the battery or the unit as required.
- **Alarm sounds without apparent hazard:** This could be a false alarm due to cooking fumes, steam, or dust. Use the silence feature. If it persists, clean the alarm.
- **Alarm fails to test:** Ensure the battery is correctly installed and charged. If the issue persists, the unit may be faulty and require replacement.
- **Alarms not interconnecting:** Re-attempt the interconnection process, ensuring all alarms are within range and in pairing mode.

For persistent issues, contact X-Sense customer support.

8. SPECIFICATIONS

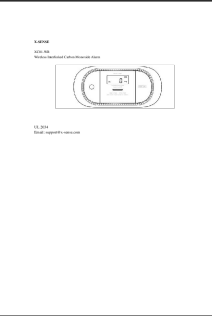

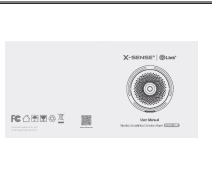

Feature	Specification
Brand	X-Sense
Model (Smoke Alarm)	SD19-W








Feature	Specification
Model (CO Alarm)	XC01-WR
Model (Remote Control)	RC01
Power Source	Battery Powered
Alarm Type	Audible
CO Sensor Type	Figaro Electrochemical
CO Alarm Battery Life	5 years (replaceable)
CO Sensor Lifespan	10 years
Interconnection	Wireless (RF technology), up to 24 X-Sense Link+ alarms

9. WARRANTY AND SUPPORT

X-Sense products typically come with a limited warranty. Please refer to the warranty card included with your product for specific terms and conditions, including the warranty period and coverage details. For technical support, troubleshooting assistance, or to inquire about warranty claims, please visit the official X-Sense website or contact their customer service department directly. Contact information is usually available on the product packaging or the X-Sense brand store.

Related Documents - SD19-W, XC01-WR, RC01

	<p>X-Sense XC01-WR Wireless Interlinked Carbon Monoxide Alarm User Manual</p> <p>User manual for the X-Sense XC01-WR Wireless Interlinked Carbon Monoxide Alarm. Provides detailed information on installation, operation, features, interconnection, testing, maintenance, troubleshooting, and safety guidelines for domestic use.</p>
	<p>X-Sense Home Safety Products Catalog Smoke Alarms, CO Detectors, Smart Security</p> <p>Explore the comprehensive range of X-Sense home safety solutions, including advanced smoke alarms, carbon monoxide detectors, combination alarms, and smart home security systems. Learn about features, specifications, and innovative technology.</p>
	<p>X-Sense XS01-WR Wireless Interlinked Smoke Alarm User Manual</p> <p>This user manual provides comprehensive instructions for the X-Sense XS01-WR Wireless Interlinked Smoke Alarm, covering safety, setup, interconnection, installation, maintenance, and troubleshooting for optimal fire safety.</p>
	<p>X-Sense SD19-W and SD20-W Wireless Interconnected Smoke Alarm User Manual</p> <p>Official user manual for the X-Sense SD19-W and SD20-W wireless interconnected smoke alarms, providing information on features, installation, and operation. Includes manufacturer contact details.</p>

  	<p>X-Sense XP01-W Wireless Interlinked Smoke and Carbon Monoxide Alarm User Manual</p> <p>Comprehensive user manual for the X-Sense XP01-W wireless interlinked combination smoke and carbon monoxide alarm, covering installation, operation, maintenance, and safety.</p>
   	<p>X-Sense Wireless Interlinked Smoke and Carbon Monoxide Alarm User Manual (SC06-W/SC07-W)</p> <p>Comprehensive user manual for the X-Sense Wireless Interlinked Combination Smoke and Carbon Monoxide Alarm, models SC06-W and SC07-W. Covers installation, operation, safety features, interconnection, and troubleshooting for reliable home protection.</p>