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X-Sense XC01-R

X-Sense Carbon Monoxide Detector Alarm XC01-R User Manual

Model: XC01-R | Brand: X-Sense

1. Introduction

The X-Sense XC01-R Carbon Monoxide Detector Alarm is designed to provide reliable and accurate detection of carbon monoxide (CO) gas in your home or while traveling. Featuring an advanced Figaro electrochemical CO sensor, a digital LCD display, and a 5-year replaceable battery, this device offers peace of mind through early warning of dangerous CO levels.

Its compact and portable design allows for flexible installation, either wall-mounted or freestanding, making it an ideal safety solution for various environments.

2. Setup

2.1. Unboxing and Components

Upon opening the package, ensure all components are present:

- 1 × Carbon Monoxide Alarm XC01-R
- 1 × CR123A Replaceable Battery
- 1 × User Manual
- 2 × Screws and Anchor Plugs



Image: X-Sense XC01-R Carbon Monoxide Alarm and Included Accessories

2.2. Battery Installation

The XC01-R operates on a replaceable CR123A lithium battery. To install the battery:

1. Open the battery compartment cover located on the back of the device.

2. Insert the CR123A battery, ensuring the positive (+) and negative (-) terminals align correctly with the markings inside the compartment.
3. Close the battery compartment cover securely.



Image: Installing CR123A battery into X-Sense CO alarm

2.3. Placement Options

The XC01-R offers versatile placement options:

- **Wall-Mounted:** Use the provided screws and anchor plugs to securely mount the detector on a wall.
- **Freestanding:** The device can be placed on any flat surface, such as a desk, dresser, or nightstand, thanks to its stable design.

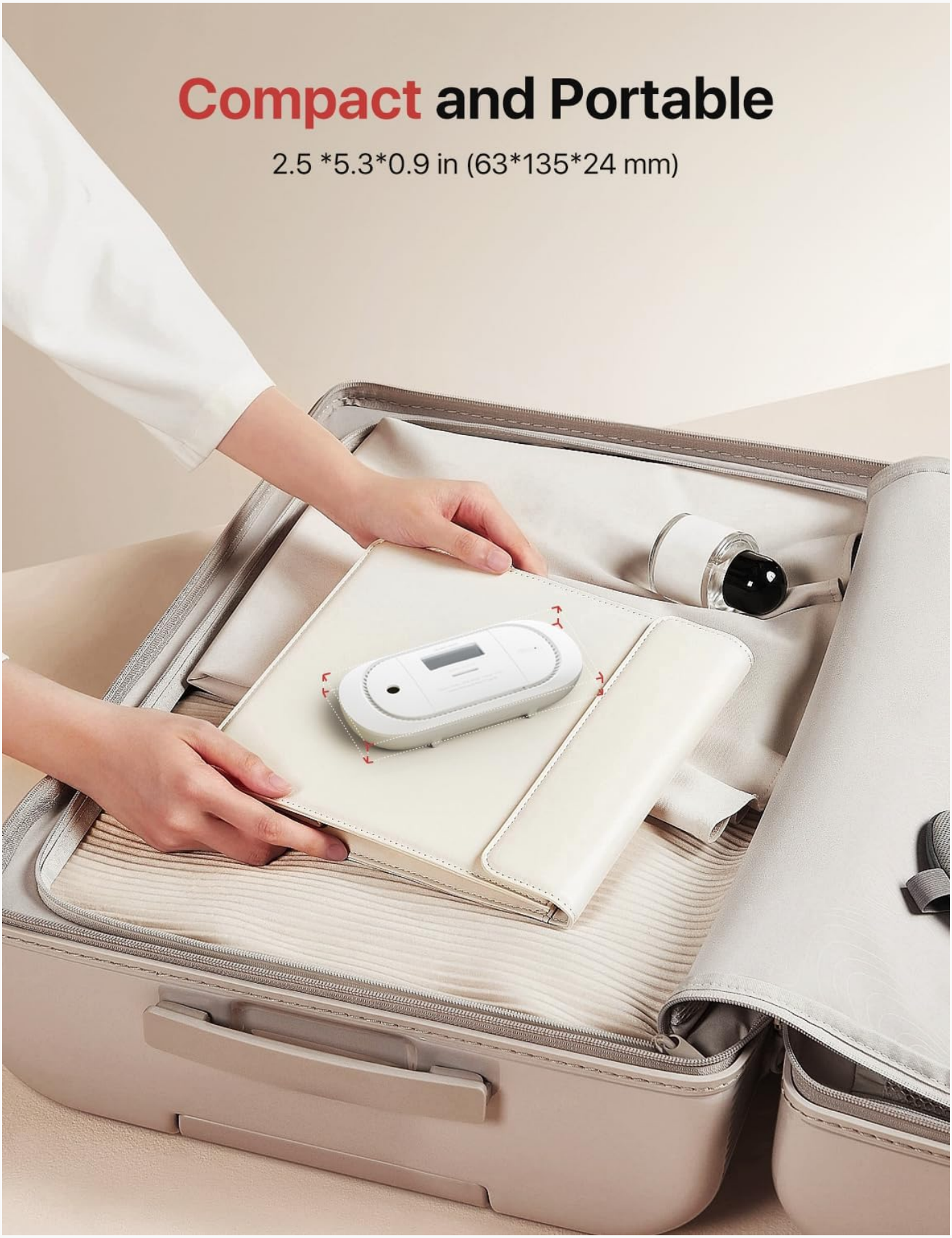


Image: X-Sense CO alarm showing wall-mounted and freestanding options

Its compact size (0.6"D x 5.3"W x 2.5"H) and light weight (3.2 ounces) make it highly portable, ideal for travel.



Image: X-Sense CO alarm being placed into a suitcase, highlighting its portability

2.4. Initial Power-On

After battery installation, the device will perform a self-test. The LCD display will cycle through various indicators, and the LED indicator will flash red, green, or yellow to confirm proper functionality. The device is ready for use once the self-test

is complete.

Video: Demonstrates the safe and easy installation process of the X-Sense Carbon Monoxide Alarm, including battery insertion and initial power-on sequence.

3. Operating

3.1. Digital LCD Display

The digital LCD display provides real-time information on CO levels in parts per million (PPM). It also records the highest detected CO level since the last reset, allowing you to monitor potential past exposures.



Image: X-Sense CO alarm with digital LCD display showing CO level



Image: Graphic illustrating real-time CO level detection by X-Sense alarm

3.2. LED Indicator

A 3-colored LED indicator provides visual cues for the device's status:

- **Green:** Indicates normal operation and power.
- **Yellow:** Signals a fault or low battery.
- **Red:** Flashes during a CO alarm event.

3.3. Alarm Function

In the event of dangerous CO levels, the alarm will sound a loud 85-decibel alert to warn you. The alarm is designed to be clearly audible to ensure prompt action.

3.4. Test/Silence Button

The large TEST/ button allows you to:

- **Test the Alarm:** Press and hold the button to initiate a self-test and verify the alarm's functionality.
- **Silence the Alarm:** In case of a non-emergency alarm (e.g., during testing), press the button to temporarily silence the alarm.

Video: Showcases the X-Sense Electrochemical CO Detector's features, including the test function and display.

3.5. Peak CO Level Memory

The detector stores the highest CO concentration detected since the last reset. This feature is crucial for identifying potential CO leaks that may have occurred while you were away or asleep, providing valuable insight into your home's air quality history.



Image: Graphic illustrating the peak CO level memory feature of the X-Sense alarm

4. Maintenance

4.1. Battery Replacement

The XC01-R is equipped with a 5-year replaceable CR123A lithium battery. When the battery is low, the device will

indicate this with a yellow LED flash and an audible warning. Replace the battery promptly to ensure continuous protection.



Image: X-Sense CO alarm with battery icon, indicating replaceable battery

4.2. Cleaning

Regular cleaning is essential to maintain the detector's performance. Gently vacuum or brush the alarm cover and vents once a month to remove dust and debris. Do not paint the device.

4.3. Regular Testing

Test the alarm weekly by pressing the TEST/SILENCE button. This verifies the sensor, alarm, and battery are functioning correctly.

5. Troubleshooting

If your X-Sense XC01-R Carbon Monoxide Alarm is not functioning as expected, refer to the following common troubleshooting steps:

- **Alarm Sounds:** If the alarm sounds, immediately move to fresh air outdoors or by an open window. Call your emergency services (Fire Dept. or 911) after ensuring everyone is safe.
- **Low Battery Warning (Yellow LED):** If the yellow LED flashes and/or the device beeps, the battery is low. Replace the CR123A battery as soon as possible.
- **Fault Indication (Yellow LED):** If the yellow LED flashes and/or the device beeps indicating a fault, the sensor may be compromised. Try cleaning the device. If the fault persists, the device may need to be replaced.
- **No Display/No Power:** Ensure the battery is correctly installed and fully charged. If the issue persists after replacing the battery, the device may be faulty.

6. Specifications

Feature	Specification
Brand	X-Sense
Model	XC01-R
Sensor Type	Electrochemical
Power Source	Battery Powered (1 CR123A Lithium Metal battery included)
Battery Life	5 years (replaceable)
Alarm Loudness	85 dB at 3 meters
Product Dimensions	0.6"D x 5.3"W x 2.5"H
Item Weight	3.2 ounces
Installation Method	Wall-Mounted Or Free-Standing
Usage	Indoor Use Only

7. Warranty & Support

The X-Sense XC01-R Carbon Monoxide Alarm comes with a 60-day money-back guarantee, a 5-year quality warranty, and lifetime technical support.

For detailed information and further assistance, please refer to the official User Manual PDF available for download or contact X-Sense customer support.

Official User Manual (PDF): Download Here

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Why isn't my X-Sense XC01-R carbon monoxide monitor showing a green light while in standby mode?

According to the X-Sense XC01-R user manual, the green LED does not stay on constantly during normal operation. Instead, it is designed to flash periodically to conserve battery life. In Standby Mode, the LED...

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