

X-Sense XC01-WR

X-Sense Wireless Interconnected Carbon Monoxide Detector

MODEL: XC01-WR

User Instruction Manual

1. Introduction

The X-Sense XC01-WR Carbon Monoxide (CO) Detector is designed to provide early warning of carbon monoxide presence. CO is a colorless, odorless, and tasteless gas that can be fatal. This device utilizes an advanced electrochemical sensor to detect CO levels and alert you to potential danger. Its wireless interconnection feature ensures that all linked alarms sound simultaneously, providing comprehensive coverage for your home.

This manual provides essential information for the proper installation, operation, and maintenance of your CO detector. Please read it thoroughly before use and retain it for future reference.

2. Key Features

- **Wireless Interconnection:** When one XC01-WR alarm detects CO, all interconnected alarms will sound, ensuring widespread notification.
- **10-Year Electrochemical Sensor:** Equipped with a high-performance Figaro electrochemical CO sensor for stable and accurate detection over a 10-year lifespan.
- **5-Year Replaceable Battery:** Powered by a CR123A lithium battery designed to last for 5 years, providing continuous protection without frequent battery changes.
- **Digital LCD Display:** Provides real-time CO concentration levels in parts per million (PPM) and displays peak CO levels since the last reset.
- **Peak Value Memory:** Stores the highest CO concentration detected, allowing you to check for past CO leaks.

- **Flexible Installation:** Can be wall-mounted or used as a free-standing unit, offering versatile placement options.
- **Test/Silence Button:** Allows for easy testing of the alarm's functionality and silencing false alarms.
- **Full Home Coverage:** Up to 24 X-Sense Link+ alarms (including smoke, CO, or combination alarms) can be interlinked for maximum safety.

3. Setup and Installation

The XC01-WR CO detector offers flexible installation options to suit your needs. Ensure the installation location is within the breathing zone of occupants, typically at head level when sleeping.

3.1. Battery Installation

The device comes with a pre-installed CR123A lithium battery. To activate the device, you must remove the insulating film from the battery compartment. The alarm will beep once, and the LCD display will light up, indicating it is powered on.

5-Year Battery for Constant Protection



Low battery
warning



Easy
to replace



5-year
CR123A battery

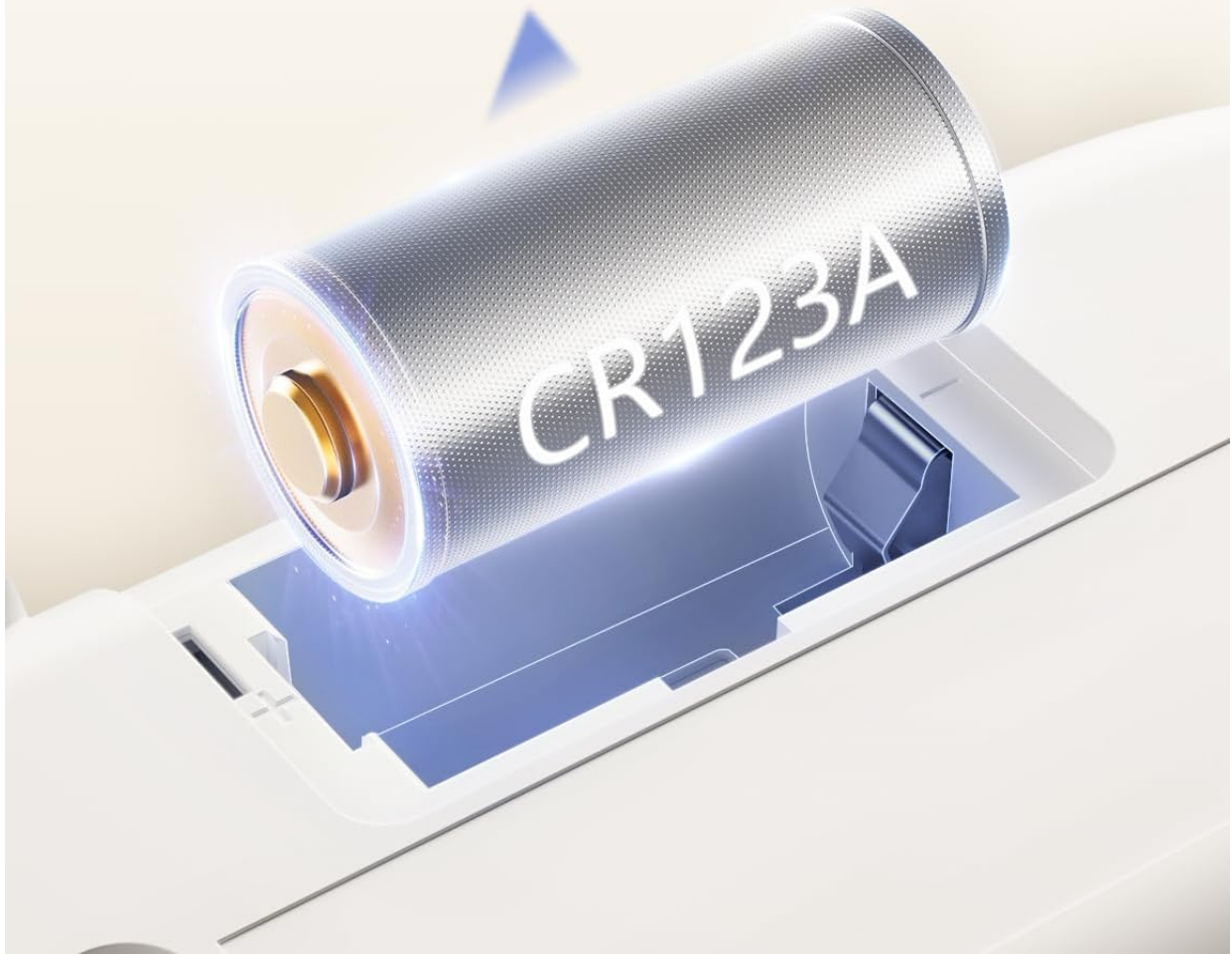


Figure 3.1: Battery installation showing the CR123A battery.

3.2. Placement Options

The XC01-WR can be installed in two ways:

- **Wall-Mounted:** Use the provided screws and anchor plugs to secure the detector to a wall. A drilling guide is included to assist with accurate hole placement.
- **Free-Standing:** The detector features two feet that allow it to stand upright on a flat surface, such as a bedside table or countertop.

Install However You Like

1 Wall-mounted



2 Free-standing



Figure 3.2: Installation options: wall-mounted and free-standing.

3.3. Wireless Interconnection

If you have multiple XC01-WR units or other X-Sense Link+ alarms, they can be wirelessly interconnected. Multi-packs are pre-connected. If you need to create a new network or add devices, refer to the user manual for detailed instructions on disconnecting and reconnecting devices.

All Alarms **Sound As One**



Figure 3.3: Wireless interconnection ensures all alarms sound as one.

4. Operating Instructions

4.1. Digital LCD Display

The LCD display shows the current CO concentration in PPM. It also indicates the battery status and peak CO levels. The display provides real-time updates, allowing you to monitor CO levels at a glance.

Real-Time CO Levels at a Glance



Figure 4.1: Real-time CO levels displayed on the LCD.

4.2. Test/Silence Button

Press the 'TEST/SILENCE' button to test the alarm's electronics and siren. The alarm will sound a short beep, and the LED indicator will flash. To silence a sounding alarm, press the button once. The alarm will enter silence mode for a period, after which it will resume normal monitoring.

4.3. Peak CO Concentration Memory

The detector records the highest CO concentration detected since the last reset. To view the peak CO level, refer to the user manual for specific button press sequences. This feature is crucial for identifying potential CO leaks that may have occurred while you were away.

Peak CO Level Memory

Notifies you of any potential CO leaks you may have missed



Figure 4.2: Peak CO concentration memory helps track past exposures.

5. Maintenance

Regular maintenance ensures the optimal performance and longevity of your X-Sense CO detector.

- **Weekly Test:** Test your alarm weekly by pressing the Test/Silence button.
- **Monthly Cleaning:** Vacuum the outside of the device once per month to remove dust and dirt.
- **Battery Replacement:** The CR123A battery should last for 5 years. When the low battery warning sounds, replace the battery promptly.

- **Device Replacement:** The CO alarm has a maximum lifetime of 10 years. Replace the device within 10 years of the installation date, regardless of battery status.

6. Troubleshooting

If your alarm is not functioning as expected, refer to the following general guidelines. For specific error codes or persistent issues, consult the full user manual or contact customer support.

- **Alarm Sounds:** If the CO alarm sounds, immediately move to fresh air and call emergency services (Fire Department or 911). Do not re-enter the premises until it has been aired out and deemed safe by professionals.
- **Fault Indication (Yellow Light):** A yellow light indicates a fault or malfunction. This could be due to a sensor error or low battery. Perform a test. If the fault persists, replace the device.
- **No Display/No Power:** Ensure the battery insulating film has been removed. If already removed, check battery orientation or replace the battery.

7. Specifications

Specification	Value
Brand	X-Sense
Model	XC01-WR
Sensor Type	Electrochemical
Power Source	Battery Powered (CR123A Lithium)
Battery Life	5 Years (Replaceable)
Sensor Lifespan	10 Years
Alarm Volume	Audible (85 dB at 3 meters)
Product Dimensions	0.6"D x 5.3"W x 2.5"H
Material	ABS
Installation Method	Wall-Mounted or Free-Standing

8. Warranty & Support

X-Sense provides a comprehensive warranty for its products. For detailed warranty information and to register your product, please visit the official X-Sense website or refer to the user manual included in the packaging.

For technical support, troubleshooting assistance, or any inquiries, please contact X-Sense customer service. You can find contact details in the user manual or on the X-Sense website.

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