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X-Sense XP04

X-Sense XP04 Hardwired Combination Smoke and Carbon Monoxide Detector User Manual

Model: XP04

Brand: X-Sense

1. IMPORTANT SAFETY INFORMATION

Please read this manual thoroughly before installation and operation. Keep this manual in a safe place for future reference.

- This device is designed to detect both smoke and carbon monoxide.
- Installation should be performed by a qualified electrician if you are not familiar with electrical wiring.
- Do not paint the device. Paint can clog the openings and interfere with sensor operation.
- Test the alarm weekly to ensure proper function.
- Replace the 9V backup battery annually, or when the low battery warning sounds.

2. PRODUCT OVERVIEW

The X-Sense XP04 is a hardwired combination smoke and carbon monoxide detector designed for comprehensive home safety. It features advanced photoelectric smoke and electrochemical CO sensors for accurate detection.



Figure 2.1: X-Sense XP04 Hardwired Combination Smoke and Carbon Monoxide Detector.

This detector is AC powered and includes a replaceable 9V battery backup, ensuring continuous monitoring even during power outages. It can be interconnected with up to 18 compatible X-Sense hardwired alarms, providing full coverage throughout your home.



AC Powered with 9 V Alkaline Backup Battery

Figure 2.2: AC Powered with 9V Alkaline Backup Battery. The device is connected to AC power, with a 9V battery inserted for backup.



**Interconnects Up to 18 Alarms
When One Alarm Sounds, They All Do!**

Figure 2.3: Photoelectric Smoke Sensor and Figaro Electrochemical CO Sensor. An internal view highlights the dual sensor technology for detecting smoke and carbon monoxide.

Product Overview Video

This video provides a visual overview of the X-Sense XP04 Hardwired Combination Detector, demonstrating its features and components.

3. SETUP AND INSTALLATION

The X-Sense XP04 detector is designed for easy installation. All necessary mounting hardware is included.

Installation Steps:

- 1. Prepare the Mounting Location:** Ensure the power is off at the circuit breaker before beginning installation. Select a location in accordance with local codes and the provided guidelines.
- 2. Install the Mounting Bracket:** Secure the mounting bracket to the ceiling or wall using the provided screws and anchor plugs.
- 3. Connect Wiring:** Connect the AC hardwired cables (black, white, red) to your household wiring. The red wire is for interconnection with other compatible alarms.
- 4. Install Battery Backup:** Insert the 9V backup battery into the battery compartment.
- 5. Attach Detector:** Align the detector with the mounting bracket and twist clockwise until it locks securely into place.
- 6. Restore Power:** Turn on the power at the circuit breaker. The detector will perform a self-test.



Secure Your Home with X-Sense

Figure 3.1: Installation Process. A hand connects the wiring to the detector's base on the ceiling.

Interconnection for Full Coverage

This detector supports interconnection with up to 18 X-Sense 2-in-1 hardwired alarms. When one interconnected alarm is triggered, all connected alarms will sound simultaneously, providing early warning throughout your home.



Photoelectric Smoke Sensor and Figaro Electrochemical CO Sensor

Figure 3.2: Interconnected System. Multiple detectors are shown installed in various rooms, indicating their interconnected functionality.



Easy to Test or Silence the Alarm with Its Large Button

Figure 3.3: Easy Installation. The image shows the simple twist-and-lock mechanism for attaching the detector to its base.

4. OPERATING INSTRUCTIONS

LED Indicator Status:

- **Green LED:** Indicates normal operation and AC power.
- **Yellow LED:** Indicates a fault or low battery condition.
- **Red LED:** Indicates an alarm (smoke or carbon monoxide detected).

Testing the Alarm:

Press and hold the 'Test/Silence' button located on the center of the detector. The alarm will sound, and the LED indicator will flash. Release the button to stop the test. Test the alarm weekly.



Easy to Install in Just Minutes

Figure 4.1: Easy Test/Silence Button. The large button allows for convenient testing and silencing.

Silencing the Alarm:

In case of a non-emergency alarm (e.g., cooking fumes), press the 'Test/Silence' button to temporarily silence the alarm. The alarm will automatically reset after a few minutes if the air clears. If the hazard persists, the alarm will reactivate.

5. MAINTENANCE

Battery Replacement:

The 9V backup battery should be replaced annually. When the battery is low, the detector will chirp and the yellow LED will flash. To replace the battery:

1. Twist the detector counter-clockwise to remove it from the mounting bracket.
2. Open the battery compartment.
3. Remove the old 9V battery and insert a new one, ensuring correct polarity.
4. Close the battery compartment and reattach the detector to the mounting bracket by twisting clockwise.
5. Test the alarm after battery replacement.

Cleaning:

Clean your detector at least once a month to remove dust and debris. Use a soft brush or a vacuum cleaner with a soft brush attachment to clean the vents and cover. Do not use water, cleaners, or solvents.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm chirps periodically (Yellow LED flashes)	Low battery	Replace the 9V backup battery.
Alarm sounds without apparent smoke/CO	Dust, high humidity, cooking fumes, or chemical vapors	Clean the detector, ventilate the area, or relocate if false alarms persist due to environmental factors.
Alarm does not sound during test	No power, faulty battery, or device malfunction	Check AC power, replace battery, or contact customer support if issues persist.
Red LED flashes, but no alarm sound	Faulty speaker or internal malfunction	Contact customer support for assistance.

7. SPECIFICATIONS

Brand: X-Sense

Model: XP04

Power Source: AC (Hardwired) with 9V Battery Backup

Product Dimensions: 5.5"D x 5.5"W x 1.5"H

Item Weight: 4.58 pounds (approx. 2.08 kg)

Alarm Volume: 85 dB at 10 feet

Sensor Type: Photoelectric (Smoke), Electrochemical (Carbon Monoxide)

Material: Polycarbonate

Interconnection: Up to 18 compatible X-Sense hardwired units

Lifespan: Up to 10 years

Included Components: 1 × User Manual, 2 × Screws and Anchor Plugs, 1 × 9 V Backup Battery, 1 × AC Hardwired Cable, 1 × Smoke and Carbon Monoxide Alarm XP04 (per unit in pack)

8. WARRANTY AND SUPPORT

X-Sense provides the following support for your XP04 detector:

- **Money-Back Guarantee:** 60-day
- **Quality Warranty:** 5-year
- **Technical Support:** Lifetime

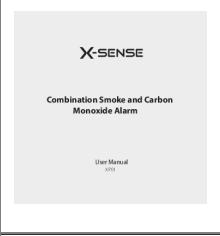
For technical assistance, warranty claims, or further information, please visit the official X-Sense website or contact their customer service department.

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For more information, visit www.x-sense.com

Related Documents - XP04

	<p>X-Sense Hardwired Combination Smoke and Carbon Monoxide Alarm User Manual</p> <p>User manual for the X-Sense Hardwired Combination Smoke and Carbon Monoxide Alarm with Battery Backup (Models XP04, XP05, XP06). Provides installation, operation, maintenance, and troubleshooting information.</p>
	<p>X-Sense XP04/XP05/XP06 Hardwired Smoke and CO Alarm: User Manual & Installation Guide</p> <p>Comprehensive user manual for the X-Sense XP04, XP05, and XP06 hardwired combination smoke and carbon monoxide alarm with battery backup. Includes installation, operation, maintenance, troubleshooting, and safety information.</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 SC07-WX Wi-Fi Smoke & CO Alarm User Manual Installation & Safety Guide</p> <p>Comprehensive user manual for the X-SENSE SC07-WX Wi-Fi Combination Smoke and Carbon Monoxide Alarm. Learn about setup, installation, operation, troubleshooting, and safety features for reliable home protection.</p>
	<p>X-Sense XP01 Combination Smoke and Carbon Monoxide Alarm User Manual Safety Guide</p> <p>Comprehensive user manual for the X-Sense XP01 Combination Smoke and Carbon Monoxide Alarm. Learn about its dual detection capabilities, photoelectric smoke sensing, electrochemical CO sensing, installation, testing, maintenance, and crucial safety information for your home. Compliant with EN 14604 and EN 50291 standards.</p>
	<p>X-Sense XP01-W Wireless Interlinked Combination Smoke and Carbon Monoxide Alarm User Manual</p> <p>User manual for the X-Sense XP01-W, a wireless interlinked combination smoke and carbon monoxide alarm. Provides information on installation, operation, maintenance, and safety.</p>

Documents - X-Sense – XP04



[**X-Sense XP04/XP05/XP06 Hardwired Smoke and CO Alarm: User Manual & Installation Guide**](#)

Comprehensive user manual for the X-Sense XP04, XP05, and XP06 hardwired combination smoke and carbon monoxide alarm with battery backup. Includes installation, operation, maintenance, troubleshooting, and safety information.

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[**X-Sense Hardwired Combination Smoke and Carbon Monoxide Alarm User Manual**](#)

User manual for the X-Sense Hardwired Combination Smoke and Carbon Monoxide Alarm with Battery Backup (Models XP04, XP05, XP06). Provides installation, operation, maintenance, and troubleshooting information.

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