X-SENSE SC07-W Ανιχνευτής καπνού και συναγερμού

X-Sense · EAN 0810194780219

Machine translation from Polski. In case of doubt the manufacturer's original document prevails. The text has been truncated.

Smoke and Carbon Monoxide Alarm X-SENSE SC07-W

Non-replaceable battery (service life 10 years)

User Manual

This manual contains important information regarding the proper operation of the combined smoke and carbon monoxide detector. To ensure proper use and reliable operation of the device, please carefully read this manual and keep it in a safe place for future reference.

1. Introduction

All combined smoke and carbon monoxide detectors from X-Sense meet specific regulatory requirements, including standards EN 14604 and EN 50291, and are designed to detect both smoke and carbon monoxide. The device uses photoelectric technology for smoke detection, which typically has higher sensitivity than ionization technology. This technology is particularly effective in detecting larger particles that are usually emitted in greater quantities during smoldering fires. Such fires can smolder for hours before bursting into open flames. Sources of these fires may include burning cigarettes in sofas or bedding. Carbon monoxide (CO) is odorless, tasteless, and invisible – it is a silent killer. By using electrochemical sensor technology, this device is capable of early detection of elevated carbon monoxide levels, protecting your family from the dangers posed by the presence of carbon monoxide.

• The installation of this device cannot replace the proper installation, use, and maintenance of fuel-burning appliances and ensuring adequate ventilation and exhaust systems.

• The device must be installed by a competent person.

• It has not been tested for use in caravans or boats.

Basic Safety Information

A IMPORTANT!

1. WARNING: BEFORE OPERATION OR SERVICE, READ THE INSTRUCTIONS CAREFULLY.

2. THIS DEVICE IS NOT INTENDED FOR HEARING-IMPAIRED PERSONS. THE USE OF ALCOHOL OR DRUGS MAY IMPAIR THE ABILITY TO DETECT THE SMOKE AND CARBON MONOXIDE

ALARM.

3. FIRES IN CHIMNEYS, WALLS, ROOFS, OR BEHIND CLOSED DOORS MAY REMAIN UNDETECTED.

4. THIS ALARM WILL INDICATE THE PRESENCE OF CARBON MONOXIDE GAS ONLY WITHIN THE SENSOR RANGE. CARBON MONOXIDE GAS MAY BE PRESENT IN OTHER AREAS, TO WHICH THE DEVICE WILL NOT RESPOND.

5. THE DEVICE HAS NOT BEEN TESTED FOR USE IN CARAVANS OR BOATS.

6. THIS PRODUCT IS INTENDED FOR USE IN NORMAL INDOOR ROOMS OF RESIDENTIAL UNITS.

WARNING! Scan the QR code to access the user manual

1. THE INSTALLATION OF THIS DEVICE CANNOT REPLACE THE PROPER INSTALLATION, USE, AND MAINTENANCE OF FUEL-BURNING APPLIANCES, INCLUDING ADEQUATE VENTILATION AND EXHAUST SYSTEMS.

2. THIS DEVICE SHOULD BE INSTALLED ONLY BY QUALIFIED PERSONNEL.

3. IF THE DEVICE IS DAMAGED OR TAMPERED WITH, THERE IS A RISK OF ELECTRIC SHOCK OR MALFUNCTION.

4. NEVER IGNORE THE ALARM. FAILURE TO RESPOND MAY RESULT IN SERIOUS INJURY OR EVEN DEATH.

1.2 Technical Specifications

5. THE SILENCE FUNCTION IS FOR YOUR CONVENIENCE ONLY AND WILL NOT SOLVE THE PROBLEM. ALWAYS CHECK YOUR HOME FOR POTENTIAL HAZARDS EVERY TIME THE ALARM SOUNDS.

6. TEST THIS ALARM ONCE A WEEK. IF THE ALARM DOES NOT WORK PROPERLY DURING THE TEST, REPLACE IT IMMEDIATELY!

Product Name Combined Smoke and Carbon Monoxide Detector

IF THE ALARM DOES NOT WORK PROPERLY, IT WILL NOT ALERT YOU TO THE PROBLEM.

Model SC06-W/SC07-W

Power supply 1 lithium battery 3 V type CR123A

1 lithium battery 3 V type CR17450

Battery life 10 years (tested once a week)

Maximum lifespan 10 years

1.1 Product features

Sensor type Smoke: photoelectric

CO: electrochemical

Smoke: EN 14604

Safety standards CO: EN 50291-1

LED indicator

50 ppm: 60–90 minutes

CO sensor response time

(Red / Green / Yellow)

100 ppm: 10–40 minutes

Test / Silence button 300 ppm: <3 minutes

Operating temperature 4.4–37.8°C (40–100°F)

Sound alarm 10%–85% relative humidity (non-condensing)

Relative humidity during operation

Alarm sound level ≥85 dB at 3 m (10 feet) with a pulsing alarm at a frequency of 3.2±0.3 kHz

Silence time ≤9 minutes

The device should be stored at a temperature of -10–50°C (14–122°F) and relative humidity

Storage and transport 5%–95% (non-condensing)

Frequency 869.25–869.3 MHz

Maximum RF power 10 mW

Transmission range Over 500 m (1640 feet) in open space

LED indicator LCD display

NOTES:

(Red / Green / Yellow)

1. Battery life is calculated based on current parameters in standby mode while performing weekly tests. In the event of a change in operating mode to alarm state, battery life will be correspondingly shortened. 2. The alarm operates at temperatures from 4.4 to 37.8 °C (40 to 100 °F). Prolonged exposure to temperatures outside this range may shorten battery life and affect the accuracy of the device's operation. The use of the device outside the specified temperature range is not recommended.

1.3 Package contents

1 × Alarm unit

1 × Mounting bracket

1 × User manual

3 × Expansion plugs

3 × Screws

1.6 More detailed information on conditions that may cause transient situations related to

1.4 CO Concentration and Symptoms

carbon monoxide, such as:

The following symptoms related to carbon monoxide poisoning should be discussed with all household members:

1. Excessive leaks or backdrafts from fuel-burning appliances caused by:

• Outdoor weather conditions, such as wind direction and/or speed, including strong gusts; heavy air in ventilation ducts

Exposure levels Symptoms

(Cold and damp air during long breaks between operating cycles). Mild exposure Mild headaches, nausea, vomiting, fatigue (often described as flu-like symptoms). • Negative pressure difference caused by using exhaust fans. Simultaneous operation of several fuel-burning appliances competing for a limited amount of indoor air. Moderate exposure Severe throbbing headaches, drowsiness, confusion, rapid heartbeat. • Loosening of ventilation duct connections due to vibrations from operating clothes dryers, furnaces, or water heaters. Extreme exposure Loss of consciousness, seizures, circulatory-respiratory failure, death. • Blockages in non-standard ventilation duct designs exacerbate the above problems.

2. Prolonged use of fuel-burning appliances without venting exhaust gases (stove, oven, fireplace, etc.). WARNING!

3. Temperature inversions that can cause exhaust gases to accumulate at ground level. • THIS DEVICE IS DESIGNED TO PROTECT PEOPLE FROM THE ACUTE EFFECTS OF CARBON MONOXIDE. IT DOES NOT GUARANTEE COMPLETE PROTECTION

4. A car idling in an open or closed garage adjacent to or near the house. TO PERSONS WITH SPECIFIC CONDITIONS. IN CASE OF DOUBT, CONSULT A DOCTOR. • MANY REPORTED CASES OF CARBON MONOXIDE POISONING INDICATE THAT VICTIMS, ALTHOUGH AWARE OF FEELING UNWELL, BECOME SO DISORIENTED THAT THEY ARE UNABLE TO CALL FOR HELP OR LEAVE THE BUILDING. SMALL CHILDREN AND PETS ARE USUALLY THE FIRST TO BE SENSITIVE TO THE EFFECTS OF THE GAS.

2 How to configure and connect wireless alarms

All wirelessly connected X-Sense Link alarms contain a built-in RF module that allows for wireless

connection of two or more alarms and the creation of a network of connected devices.

At the moment of activation of one unit, all connected alarms in the network will immediately trigger the alarm signal. The X-Sense Link + series includes wirelessly connected smoke alarms, carbon monoxide alarms, and combined smoke and carbon

monoxide alarms. This model has been designed for wireless connection only with other X-Sense Link + alarms and is not compatible with wirelessly connected alarms from other manufacturers.

▲ WARNING! Wirelessly connected X-Sense Link + alarms in a single multi-pack set have been factory connected, and the alarms in each set form an independent network of connected devices. If you have more than one multi-pack set, it is necessary to connect all alarms into one common network. Choose one multi-pack set as the primary network and connect the remaining multi-pack sets to it.

1.5 Procedure after alarm activation

In the event of a carbon monoxide (CO) alarm activation, it signals the presence of carbon monoxide (CO), which CAN BE LIFE-THREATENING. When the alarm signal sounds:

1) Press the test/silence button; NOTE: The following instructions for wireless connection apply only to wirelessly connected X-Sense Link + alarms.

2) Immediately notify the appropriate emergency services;

3) Leave the room as quickly as possible and go to fresh air – outside the building or through an open door or window. Check that everyone in the building has been accounted for. Do not re-enter the room or move away from the open entrance until emergency services arrive, the room has been ventilated, and the alarm has returned to normal status.

2.1 Method of mutual connection

1. Please ensure that you are working simultaneously with only two devices and that both are powered on to ensure proper connection.

2) If after completing steps 1–3 the alarm reactivates within 24 hours, repeat the procedure and promptly arrange for a review and diagnosis of carbon monoxide sources by a qualified technician. Check fuel-burning devices and installations, and if any faults are detected – promptly carry out repairs. Also, pay attention to all heating devices that have not been inspected by a technician and refer to the manufacturers' instructions or contact them directly to obtain detailed safety information regarding carbon monoxide and the operation of this device. Additionally, ensure that no motor vehicles are running in the garage adjacent to or near the residential building.

2. Quickly press the test/silence button on one of the two units four times; the device will emit a single beep, and the LED will flash slowly red, indicating that it has entered pairing mode and is waiting to add a new unit. Quickly press the test/silence button on the second unit twice; the device will emit a single beep, and the LED will flash quickly red, indicating

that it is searching for a device to connect.

3. Upon successfully completing the search and creating a connected group, both devices will emit a single beep and automatically exit pairing mode. At this point, both devices will flash once every 6 seconds, indicating that they are in normal standby mode.

2.2 How to disconnect

4. To connect a third alarm to this group, first activate the new device according to its user manual, and then press the test/silence button 4 times; the alarm will emit a single beep. Next, quickly press the test/silence button on one of the two previously connected devices four times. The device will emit a single beep, signaling disconnection. After disconnection, the device can be reconnected to the same network or added to a new network.

NOTE: Wirelessly connected X-Sense Link + alarms in a single multi-pack set are already mutually connected. To create a new device connection, the LED will slowly flash red, indicating that it is ready to add a new device to the network.

Next, to connect a new network, you must first disconnect each alarm separately in this multi-pack set to prevent them from joining the same network together. Quickly press the test/silence button on the new device twice; the LED will start flashing red quickly, indicating that it is searching for a network to connect to. After successfully connecting the third device to the network of connected devices, both devices will emit a single beep and automatically exit pairing mode. 3 Installation location 5. If you want to connect more devices, simply repeat step 4. This way, you can connect up to 24 alarm sensors. To ensure that all sensors are in the same network of connected devices, work sequentially only in pairs — one device should be in pairing mode, and the other in searching mode. NOTE: It is recommended to test the wirelessly connected alarms in the rooms where you plan to install them to ensure they are within transmission range and that nothing interferes with their communication. 6. Test the alarms by following the steps described in the "Testing the Alarm After Installation" section. Office Quickly press 4 times Bedroom Smoking rooms Quickly press 2 times Quickly press 4 times Garage Living room Kitchen Quickly press 2 times Hold Utility room Basement NOTES 1. The alarm will enter searching or pairing mode for 60 seconds, during which the LED will flash red. After 60 seconds, you need to repeat step 2 to connect the alarms. If necessary, press the test/silence button once when the alarm is in searching or pairing mode. The LED will stop flashing red, and the alarm will exit pairing mode and return to normal state. 2. Conduct a test of all wireless sensors to ensure they are mutually connected before proceeding with the installation. SMOKE ALARMS CARBON MONOXIDE (CO) ALARMS

HEAT ALARMS 3. A maximum of 24 alarm devices can be wirelessly connected within one network. 4. The model can only be connected to other wirelessly connected X-Sense Link + alarms. SMOKE AND CARBON MONOXIDE ALARMS FIRE EXTINGUISHERS It is best to install a carbon monoxide (CO) sensor in every room where there is a fuel-burning device, as well as in every bedroom. 1. Prioritize the installation of the sensor in the bedroom and hallways and ensure that the alarm will be audible from all sleeping areas. If, however, the number of available carbon monoxide sensors is limited, consider the following guidelines when choosing the best locations for installation: If you are installing only one smoke sensor in the house, place it near all bedrooms if possible, and not in the basement or boiler room. - If there is a fuel-burning device in the bedroom, a CO sensor should be installed. 2. Install a sensor above the staircase and on every floor of the house. - Install a sensor in rooms where there are unvented or open-flued appliances. 3. Smoke, heat, and anything that burns spreads horizontally after rising to the ceiling, so whenever possible, install the sensor in the center of the ceiling. Ensure that the sensor is within range of all corners of the room. - Install the sensor in a location where residents spend the most time. 4. If it is not possible to install the sensor in the center of the ceiling, install it 50 cm (20 inches) away from the wall. - In a studio apartment, the carbon monoxide sensor should be placed as far away from kitchen appliances as possible, but close to the area where the person sleeps. 5. If the sensor is mounted on the wall, it should be 10–30 cm (4–12 inches) below the ceiling. - If the device is in a room that is not normally used (e.g., boiler room), the carbon monoxide sensor should be...

If the length of the room or corridor exceeds 900 cm (30 feet), it will be necessary to install several carbon monoxide detectors, which should be placed just outside the room to make the alarm easier to hear. in the same room. 7. When the wall or ceiling is sloped, the detector should be installed within 90 cm (3 feet) of the highest point of the wall or ceiling (measured horizontally) in the room. 3.1 Improper installation locations 8. In multi-level houses or apartments, at least one wireless detector should be installed on each level and positioned in a straight vertical line (see diagram), with as few obstacles as possible between the connected detectors to ensure optimal signal transmission. To avoid damage to the device, ensure its optimal operation and prevent unnecessary false alarms, detectors should not be placed in the following locations: CEILING 1. In garages or other places where there is a lot of dust, dirt, or greasy fumes. 2. In places where smoke or fumes may occur under normal operating conditions. DEAD AIR ZONE 3. In poorly ventilated kitchens, garages, and boiler rooms. If possible, detectors should be placed at least 1.5 m (5 feet) away from

potential sources of smoke or fumes (e.g., stoves, boilers, water heaters, radiators). BEST NEVER IN THIS LOCATION 4. In places where it is not possible to maintain a distance of 1.5 m (5 feet) from a potential source of smoke or fumes. MAXIMUM In modular, mobile, or smaller homes, it is recommended to place the detector as far away as possible from any potential sources of smoke or fumes. ALLOWABLE SIDE WALL LOCATION 5. Within less than 1.5 m (5 feet) of any cooking appliance. 6. In areas with very high humidity. The detector should be at least 3 m (10 feet) away from bathtubs or showers, saunas, humidifiers, vaporizers, dishwashers, laundry rooms, utility rooms, or other sources of high humidity. NOT IN THIS 7. In places where the temperature is below 4.4°C (40°F) or above 37.8°C (100°F). For example, in unair-conditioned basements, unfinished attics, under ceilings without insulation or with poor insulation, on porches and in garages. IN THIS ZONE ANY LOCATION IN THIS ZONE 8. In places where there are air turbulence, such as near ceiling fans, heating vents, air conditioning, fresh air intakes, or open windows. Excessive airflow may prevent CO/smoke from reaching the detectors. 9. In direct sunlight. 10. Near large metal surfaces and/or bundles of wires. 11. Near fluorescent lights, amateur radio stations, electrical equipment, or other devices that may emit WARNING: TO PREVENT INJURY, THIS DEVICE MUST BE SECURELY ATTACHED TO THE CEILING OR WALL ACCORDING TO THE INSTALLATION INSTRUCTIONS. WARNING 4.1 Testing the alarm after installation 1. THIS ALARM SHOULD BE INSTALLED BY A TRAINED PERSON. Always test the alarms immediately after their first activation or after any group configuration changes. 2. INSTALLING THE ALARM CANNOT REPLACE PROPER INSTALLATION, USE, AND MAINTENANCE OF FUEL-BURNING DEVICES, INCLUDING PROPER VENTILATION AND EXHAUST SYSTEMS. In addition to regular weekly tests, it is also recommended to test the alarm after returning from a longer trip or vacation. If your X-Sense Link + SC06-W / SC07-W is wirelessly connected to other X-Sense alarms, we recommend that each of these alarms be tested individually during the weekly test. 4. The installation instructions for this alarm WARNING 1. NEVER USE OPEN FLAME TO TEST THE DEVICE. THERE IS A RISK OF DAMAGE TO THE DEVICE OR CAUSING A FIRE AT THE INSTALLATION SITE. THIS SMOKE AND CARBON MONOXIDE DETECTOR IS DESIGNED FOR MOUNTING ON THE CEILING OR WALL. 2. NEVER USE VEHICLE EXHAUST FUMES TO TEST THIS DEVICE. FUMES MAY CAUSE PERMANENT DAMAGE AND VOID THE WARRANTY. WARNING! 3. DO NOT STAND CLOSE TO THE ALARM WHEN THE SOUND SIGNAL IS ACTIVATED. EXPOSURE AT CLOSE RANGE MAY DAMAGE HEARING. DURING THE TEST, STEP BACK WHEN THE ALARM STARTS SOUNDING. IMPROPER INSTALLATION AND ACTIVATION OF THIS ALARM WILL PREVENT IT FROM FUNCTIONING PROPERLY AND RESPONDING TO FIRE THREATS.

Test of all connected alarms

Test of a single alarm

Action Press the test/silence button. Hold the test/silence button

Installation steps

1. Mark three screw holes on the wall or ceiling according to the holes in the mounting bracket, and

- The alarm will emit 2 series of 3 long signals - The initiating device will emit a continuous sound

then drill holes to a depth of 30 mm (1.18 inches) using a 6.0 mm (1/4 inch) drill bit. Then Indication sound, followed by 2 series of 4 short signals. sound, and the LED will flash red. - During the sound signal, the LED will

insert three plastic expansion plugs into the holes using a hammer. - The remaining alarm devices connected to the network

flash red. 2. Attach the mounting bracket to the wall or ceiling surface using three screws and install the sensor in will receive a test signal after 5 seconds, after which they will

the bracket, pressing them together and turning the device to the right. emit a continuous sound signal, and the LED will

In the case of model SC07-W: First, you need to

activate the alarm by pressing the test button. 3. Test the device using the Test/Silence button. Make sure the device emits an alarm signal. The LCD display will turn on, and the backlight will start

button test/silence all devices will finish

to light up. - After the test is completed, the alarm will automatically switch to test. standby mode. - The device test should be completed within 3 minutes. - After the test is completed, the devices will automatically switch

. to standby mode. NOTE:

The test function accurately checks the alarm circuits without the need for smoke and carbon monoxide for testing. If the alarm does not emit a sound

during the test, please refer to the Troubleshooting section at the end of this manual. 4.2 Deactivation of the alarm

WARNING! 1. DO NOT DEACTIVATE THE SENSOR UNTIL YOU HEAR THE END OF LIFE SIGNAL. 2. AFTER THE MAXIMUM LIFETIME (10 YEARS), THE ALARM WILL SOUND THREE BEEPS EVERY 60 SECONDS. 3. AFTER DEACTIVATING THE ALARM, THE DEVICE WILL STOP FUNCTIONING. IT CANNOT BE REACTIVATED AND MUST BE

NOTE: This model is equipped with an automatic alarm activation function during the first

REPLACED. mounting of the device on the mounting bracket

To turn off the alarm

and alarm mode

5.2 CO alarm levels

Pressing the test/silence button can silence the end-of-life signal for up to 22 hours. CO alarm levels

1. Peel off the darkened sticker covering the “DIS” setting and break the thin plastic cover as shown below. This smoke and carbon monoxide alarm X-Sense is programmed to trigger the alarm signal at the following CO levels:

2. Turn the plastic pin up to the “DIS” position or insert a screwdriver into the slot and turn the knob to the right to the “DIS” position. 3. Dispose of the alarm. concentrations at the specified time intervals:

4. Reattach the alarm. 50 ppm for 60-90 minutes,

100 ppm for 10-40 minutes,

300 ppm for less than 3 minutes. SC06-W: Upon detecting CO and triggering the alarm, the LED indicator will flash red, and the alarm will emit 4 short beeps, repeating the cycle every 5.8 seconds. SC07-W: Upon detecting CO and triggering the alarm, the CO concentration will be displayed on the LCD, and the backlight will be activated in blue. The LED indicator will flash red, and the alarm will emit 4 short beeps, repeating the cycle every 5.8 seconds.

Alarm mode

Battery warning

1. STORE NEW OR USED BATTERIES STRICTLY OUT OF REACH OF CHILDREN. X-Sense Link + wirelessly connected alarms can create a network of connected devices so that each device detecting a hazard triggers the alarm in all other devices in the network. 2. IN CASE OF BATTERY LEAKAGE, DO NOT ALLOW LIQUID TO CONTACT SKIN OR EYES. IF CONTACT OCCURS,

IMMEDIATELY WASH THE AFFECTED AREA WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE. 1. If the initiating unit is triggered by smoke:

When one smoke alarm is triggered in the network of connected devices, the unit will emit 3 beeps every 4 seconds, accompanied by

WARNING: NON-REPLACEABLE BATTERY – SEE USER MANUAL. flashing of the red LED. The other connected devices will behave similarly – they will emit 3 beeps every 4 seconds, accompanied by alternating flashing of the red and green LEDs. Overview of 5 functions

2.

If the initiating unit is activated by CO:
When one CO alarm in the network of connected devices is triggered, this alarm will emit 4 beeps every 5.8 seconds, simultaneously flashing a red LED. The other connected devices in the network will respond similarly – they will emit 4 beeps every 5.8 seconds, with the LED first flashing red 4 times, and then flashing green once with each beep. When the CO concentration drops below the alarm threshold, the alarm will be turned off. SC06-W: The Test/Silence button is used to check the operation of the device's electronic system and to silence the device during an alarm. For detailed information, please refer to the section "LED Indicator and Sound Signal". During the weekly alarm test, press and hold the test button until you hear a short beep indicating that the alarm has entered test mode. More information can be found in the section "Testing the Alarm after Installation". NOTES 1. After the test is completed, the alarm returns to standby mode. When one unit is triggered, the other connected devices will also sound the alarm. If a smoke alarm and a CO alarm are triggered simultaneously in the network, the smoke alarm notification will take precedence. SC07-W: The Test/Silence button is used to test the device's electronics and to silence the device during an alarm. During the weekly alarm test, you should first wake up the alarm by pressing the test button; after waking the alarm, the LCD display will turn on, and then you should press and hold the test button again until you hear a short beep indicating that the alarm has entered test mode. More information can be found in the section "Testing the Alarm after Installation". After the test is completed, the alarm returns to standby mode. To save energy, the alarm is designed to automatically turn off the LCD display if no activity is detected for 5 minutes. NOTE: Once the test begins, the alarm signal will sound, and the LED will start flashing red. This does not indicate the presence of smoke or carbon monoxide. If you press the test button during an alarm state, the device will enter silence mode. After the silence period, the alarm will resume operation when the smoke concentration has dropped below the alarm threshold. Smoke Silence Mode: Press the test button during the alarm to put the device into silence mode for 9 minutes. If the smoke concentration reaches the alarm threshold, the alarm will resume operation. Otherwise, after 9 minutes, the device will return to normal mode. CO Silence Mode: Press the test button during the alarm to put the device into silence mode. If the CO concentration still exceeds the alarm threshold, the device will return to alarm state. Otherwise, the device will exit silence mode after 9 minutes and resume normal operation. 6 Daily Maintenance
To maintain the smoke and carbon monoxide alarm in proper working order, please perform the following simple tasks:
NOTES:

1. You can silence all connected devices by pressing the Test/Silence button on one of them. If one device continues to signal an alarm, it is the initiating device (the device that detected the threat); to silence all connected devices, you must also press the Test/Silence button on the initiating device.
2. At least once every 3 months, the alarm should be cleaned: remove the device from the ceiling or wall and clean the housing and ventilation openings with a vacuum cleaner equipped with a soft brush attachment to remove dust and dirt.
3. Never use detergents or any other solvents to clean the device.
4. Avoid spraying air fresheners, hair sprays, or other aerosols near the sensor. WARNING:
- The remote silence function can only be used within the range of the CO sensor.
5. Do not paint the device.

Paint can block ventilation openings, which will prevent the sensor from properly detecting a fire. Never attempt to re-
- In case of any doubts regarding the cause of the alarm, it should be assumed that it was triggered by a dangerous concentration of carbon monoxide, and you should
install devices or clean its interior. Such actions will void the warranty. evacuate the apartment. 6. After removing the device, it should be returned to its proper place as soon as possible to ensure continuous fire protection. • 5.4 Low battery mode
7. When using cleaning agents or similar contaminants, the room should be ventilated. The LED indicator will flash yellow and emit one beep every 60 seconds. WARNING: DO NOT MANIPULATE THE DEVICE, AS THERE IS A RISK OF ELECTRIC SHOCK OR IMPROPER
THE DEVICE MUST BE TURNED OFF (see the "Turning off the alarm" section) AND REPLACED AS SOON AS POSSIBLE. OPERATION. If you press the test button when the battery is low, the low battery signal will be temporarily disabled for 10
hours. 7 LED indicators and sound signal
5.5 Fault mode
SC06-W:
Various operating modes and states of the device are presented in the table below (SC06-W):
In the event of a sensor failure, the LED will flash yellow twice every 60 seconds, accompanied by two sound signals
SCO7-W:
Signal
In the event of a sensor failure, the LCD will display the messages "Err", "E03" and "E04",

and the LED will flash yellow twice every 60 seconds, accompanied by two sound signals. It goes through 8 cycles in succession (yellow/green/red). 1 short signal Ensure that the detector is properly
THE DEVICE MUST BE TURNED OFF (see the "Turning off the alarm" section) AND REPLACED AS SOON AS POSSIBLE. Power on sound signal. 5.6 End of service life
Standby mode Flashes green once every 60 seconds. None. None. After reaching the maximum service life (10 years), the alarm will emit 3 sound signals, and the LED will flash yellow 3 times every 60 seconds. This end-of-service-life signal can be temporarily silenced for 22 hours by pressing the test button. The end-of-service-life silence function can only be used together for 30 days. After 30 days, the end-of-service-life signal cannot be silenced.
The device 3 long
Detected a dangerous concentration of smoke. You must
detects smoke and signals every 4
immediately go to fresh air. THE DEVICE MUST BE TURNED OFF (see the "Turning off the alarm" section) AND REPLACED AS SOON AS POSSIBLE. activates seconds. Flashes red 3 times every 4 seconds. alarm. Mode
alarm
The device 4 short
has detected a dangerous concentration of carbon monoxide,
detects carbon signals
monoxide in the range of 50 to 999 which has reached the alarm level. You must
ppm. The LED indicator flashes red immediately go to fresh air. activates every 5.8
4 times every 5.8 seconds. alarm. seconds. All 3 long
The initiating unit in the network has detected
remaining signals every 4
The LED flashes red and green a dangerous concentration of smoke. You must
devices seconds. 3 times in succession every 4 seconds. immediately go to fresh air. The initiating device detected a dangerous The device must be replaced immediately. Flashes yellow twice every 60 seconds 2 signals
The LED flashes red 4 times, and signals Fault
the concentration of CO has reached the alarm level. sound signals
then the green LED flashes once sound signals
You must immediately go to fresh air. 60 seconds
every 5.8 seconds. repeating
every 5.8

seconds. 3 signals
Flashes yellow three times every 60 seconds sound signals every
End of life cycle
The device must be replaced immediately. 60 seconds

Alarm deactivation: when the smoke concentration drops
Device The LED indicator blinks green once every None. below the alarm threshold, the alarm signal
detected smoke second for 5 seconds. will cease. Then the alarm returns to standby mode. and activated
the alarm. During CO detection, the LCD display will show various indications that will help understand further actions, as shown below:
Device
Alarm deactivation: when the CO concentration drops
detected The LED indicator blinks green once every None. The alarm signal Mode LCD Screen LED Indicator Notes
carbon monoxide second for 5 seconds. will cease. Then the alarm returns to standby mode. sound
and activated
the alarm. Power on Goes through 8 cycles in sequence 1 short beep Ensure that the detector is
(yellow/green/red). sound. properly mounted on
2 series of 3 the mounting bracket. long beeps
Test Mode
sound, after which
Blinks green once every 60
Test 2 series of 3 red flashes, and follows 2
Standby Mode seconds. None. None. single then 2 series of 4 red flashes. series of 4 device. short
sound signals. The device
detects smoke and Blinks red 3 times every 4
seconds. 3 long beeps Dangerous smoke concentration detected.
activates the alarm. every 4 seconds Immediately go to
Alarm activation. Hold the Test/Silence button on one of the devices in the network. Test The LED indicator blinks rapidly in red. moment of

all red. releasing
connected to the Test/Silence button. Other connected alarms in the network. Mode For a while, there was 4 short Dangerous CO concentration detected
Device
The LED blinks alternately in red and
alarm mode CO concentration in the range of 50 to sygnały CO, which reached the alarm level.
detected carbon
green. 999 ppm. The blue repeating Immediately go to
backlight is on. occurs every 5.8 fresh air. alarm. The LED indicator blinks in red 4 times every 5.8 seconds. Blinks red 3 times every 4 seconds. exits silence mode. Silent mode Blinks red 4 times every 5.8 None. CO silence mode: After 9 minutes, the device seconds. will exit silence mode. Low battery silence mode: After The initiating module in the network detected
Blinks yellow once every 60 seconds. None. 10 hours, the device will exit silence mode. The LED blinks red and 3 long beeps dangerous smoke concentration. exits silence mode. green 3 times in sequence every 4 every 4 seconds Immediately go to fresh air. remaining
All
Silence mode at the end of the cycle: After 22 hours
devices
Blinks yellow 3 times every 60 seconds. None. the device will exit silence mode connected in the network. Blinks green 3 times. None. Exiting silence mode The LED blinks red 4 4 short The initiating device detected
times, and then the green LED signals dangerous CO concentration that
blinks once every 5.8 seconds. repeating reached the alarm level. occurs every 5.8
Low level Blinks yellow once every 60 seconds.

One signal The device must be replaced immediately. seconds. battery
every 60 seconds. Immediately go outside for fresh Flashes red 3 times every 4 None. Silence mode in case of
air. seconds smoke detection: After 9 minutes
the device will exit silence
mode. Quiet mode
The device Silence mode in case of
detected carbon monoxide Detected CO concentration in None. carbon monoxide detection:

After 9
Detected a dangerous concentration Flashes red 4 times every
of carbon (alarm not range from 50 to 999 ppm, minutes the device will exit
CO, but it has not yet 5.8 seconds
reached the alarm level. activated). designated time
There is a potential hazard
of detection. The LED
indicator related to CO. First
flashes green once every 60 None. try to locate the source of CO. seconds. Silence mode at low
Open nearby windows and doors, and Flashes yellow once every 60
then immediately go outside seconds. battery level: After 10
for fresh air. hours the device will exit
silence mode. Flashes yellow 3 times every 60 None. seconds. Quiet mode at the end of the cycle: After
22 hours the device
Alarm deactivation: when will exit quiet mode. The device
the CO concentration drops below
detected smoke and The LED indicator flashes
the alarm threshold, the signal
activated green once per second for None. Exiting quiet mode. alarm will cease. Then
Flashes green 3 times. alarm. 5 seconds. the sensor will return to standby mode.
Low battery level The device must be replaced immediately.
Flashes yellow once every 60 One signal seconds. every 60 seconds. The device
Alarm deactivation: when the level
detected carbon The LED indicator flashes
of CO concentration drops below
monoxide and green once per second for Low battery level Two signals
the alarm threshold, the signal
activated 5 seconds. every 60 seconds The device must be replaced immediately.
alarm will return to standby mode. Flashes yellow twice every 60
seconds. Press the Test/Silence button. 2 series of 3 red flashes,
Test mode Test followed by 2 series of 4 The device must be replaced immediately.
single red flashes. End of service life Three signals The device. Flashes yellow 3 times every 60

device. every 60 seconds
seconds. Alarm activation.

8 Troubleshooting
Hold the Test/Silence button
The LED indicator flashes quickly
Silence on one of the devices in
Test all connected devices. - Check if the alarm is properly mounted to the mounting bracket. The LED indicator flashes alternately
in red. Problem Solution
- Check the location of the device. The wireless signal may be interfered with or be out of range. Therefore, it is strongly recommended to test the carbon monoxide sensor weekly. 8. Carbon monoxide sensors are not reliable. Like all other electronic devices, carbon monoxide sensors have their limitations. They can only detect carbon monoxide that reaches their sensors. They may not provide early warning of increasing carbon monoxide levels if it comes from a distant part of the house or is at some distance from the sensor. False alarms may occasionally trigger when residents are cooking, showering, etc.
Clean the alarm (see "Daily Maintenance"). The LED flashes yellow once every 60 seconds, emitting one beep. The battery is low. Press the Test/Silence button once to silence the alarm for 10 hours. Replace the alarm immediately. The LED flashes yellow twice every 60 seconds, emitting two beeps. The alarm is malfunctioning. Replace the alarm immediately. The maximum service life (10 years) has been reached. Press the Test/Silence button once to silence the alarm for 22 hours. The LED flashes yellow three times every 60 seconds, emitting three beeps. Replace the alarm immediately.
9 Limitations of carbon monoxide sensors
1. Carbon monoxide sensors may not wake all individuals. If children or other individuals do not wake easily to the sound of the carbon monoxide sensor, or if infants or family members with limited mobility are present in the home, ensure that someone is available to assist them in case of danger.
2. This carbon monoxide sensor does not detect carbon monoxide that does not reach the sensor. It only detects carbon monoxide that reaches it. Carbon monoxide may be present in other rooms. Doors or other obstacles may affect the speed at which carbon monoxide reaches the sensor. For this reason, if bedroom doors are typically closed at night, it is recommended to install a carbon monoxide sensor in each bedroom and in the hallway between them.

3. Carbon monoxide sensors may not detect carbon monoxide on another floor of the house. For example, a carbon monoxide sensor on the second floor, near the bedrooms, may not detect carbon monoxide in the basement. For this reason, one CO sensor may not provide adequate warning. It is recommended to ensure full coverage by placing CO sensors on every floor of the house.
4. CO sensors may be inaudible. The alarm signal level is over 85 dB at a distance of 3 m (10 feet). However, if the CO sensor is installed outside the bedroom, it may not wake a person in deep sleep or someone who has recently taken drugs or consumed alcohol. This is especially true if the doors are closed or only partially open. Even individuals who are not sleeping may not hear the alarm signal if the sound is drowned out by distance or closed doors. Noise from street traffic, stereo equipment, radios, televisions, air conditioners, or other devices may even prevent alert individuals from hearing the alarm signal. This carbon monoxide sensor is not intended for individuals with hearing impairments.
5. Carbon monoxide sensors do not replace smoke detectors. Although fire is a source of carbon monoxide, this carbon monoxide sensor does not detect smoke or fire. This sensor detects carbon monoxide that may be silently leaking from faulty furnaces, appliances, or other potential sources of incomplete combustion. To ensure early warning of fire, a smoke detector must be installed.
6. Carbon monoxide sensors do not replace life insurance. Although carbon monoxide sensors warn of increasing carbon monoxide levels, we do not guarantee or suggest in any way that they will protect life from carbon monoxide poisoning.

Homeowners and tenants still need to insure their lives. Environmental Protection Representative in the EU:
Waste electrical and electronic equipment marked in accordance with the European Union directive must not be
X-Sense Europe B.V. placed together with other municipal waste. It is subject to selective collection and
recycling at designated points. By ensuring its proper disposal, you prevent
Parellaan 2H, 2132WS Hoofddorp, Netherlands
potential negative consequences for the natural environment and human health.
partners@x-sense.com
The system for collecting waste equipment complies with locally applicable environmental protection regulations regarding waste disposal.