Wireless Interlinked Combination Smoke and Carbon Monoxide Alarm

10-Year Sealed Battery Operated

Model: SC06-W/SC07-W

User Manual

This user manual contains important information about your combinationsmoke and carbonmonoxide alarm's operation. To ensure proper use and trouble-free operation, please read this manual carefully and store it in a safe place for future reference.

Introduction

All X-Sensecombinationsmoke and carbonmonoxide alarms conform with regulatory requirements, includingUL217 and UL2034 Standards and are designed to detect both smoke andcarbonmonoxide.

This unit adopts photoelectric technology to detect smoke which is generally more sensitive than ionization technology. It is effective at detecting large particles, which tend to be produced in greater amounts by smoldering fires. These types of fires may smolder for hours before bursting into flame. Sources of these fires may include cigarettes burning in couches or bedding.

Carbon monoxide (CO) is odorless, tasteless and invisible—it's a silent killer. Using electrochemical sensing technology, this unit can detect increased levels of carbon monoxide early, protecting your family from the dangers of carbon monoxide.

- The installation of the apparatus should not be used as a substitute for proper installation, use and maintenance of fuel-burning appliances including appropriate ventilation and exhaust systems.
- This apparatus is to be installed by a competent person.
- It is not tested for use in a caravan or boat.

Note: For maximum protection, use smoke and CO alarms on each level and in every bedroom of your home.

NEVER IGNORE THE SOUND OF THE ALARM!

Determining what type of alarm has sounded is easy with your X-Sense combination smoke and carbon monoxide alarm. The buzzer will inform you of the type of situation occurring.

Package Contents

1 × Alarm Unit
1 × Mounting Bracket
3 × Screws
3 × Anchor Plugs
1 × User Manual
2 × Carbon Monoxide Safety Stickers

Technical Specifications

Power Supply	10-year sealed lithium battery
Sensor Type	Smoke: Photoelectric
	CO: Electrochemical
Product Lifespan	10 years
Safety Standard	UL217 and UL2034
CO Sensitivity	70 ppm for 60–240 minutes
	150 ppm for 10–50 minutes
	400 ppm for 4–15 minutes
Operating Temperature	40-100°F (4.4–37.8°C)
Operating Relative Humidity	10%–85% RH (non-condensing)
Alarm Loudness	≥ 85 dB at 10 ft (3 m) @ 3.2 ± 0.3 kHz pulsing alarm
Silence Duration	≤ 9 minutes
Operating Frequency	915 MHz
Maximum Number of Interconnected Units	24 wireless units (only compatible with X-Sense wireless alarms)
Transmission Range	Over 820 ft (250 m) in open air

NOTES:

1. Battery life is calculated on the current ratings in the standby mode with weekly testings. If its operation mode changes to an alarming condition, the battery life will be decreased accordingly.

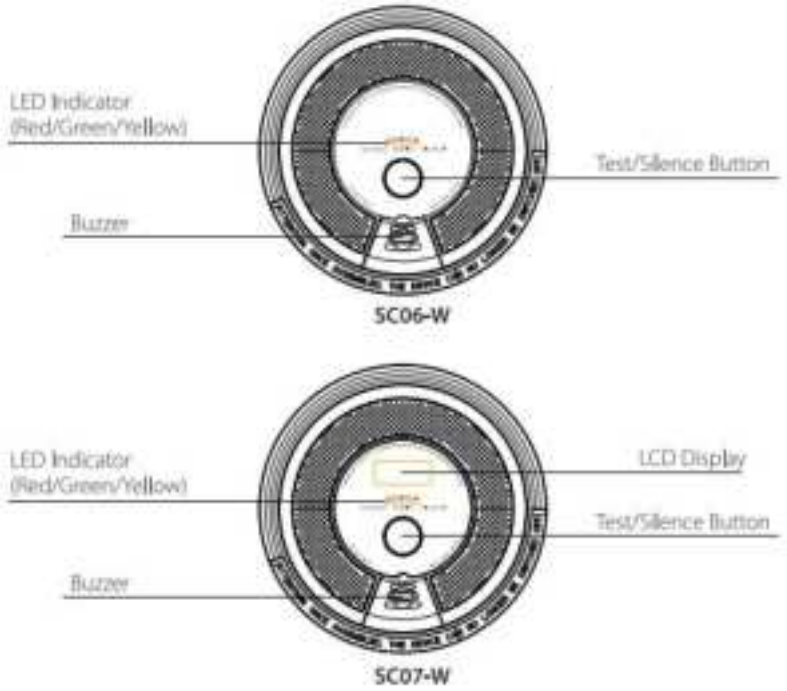
2. This alarm functions between 40-100°F (4.4-37.8°C). Prolonged exposure to lower or higher temperatures can reduce battery life and affect device performance. We do not recommend operating the device beyond its temperature range.

Product Overview

CAUTION!

CAUTION!

THIS COMBINATION SMOKE AND CARBON MONOXIDE ALARM IS DESIGNED FOR INDOOR USE ONLY. DO NOT EXPOSE TO RAIN OR MOISTURE. DO NOT KNOCK OR DROP THE ALARM. DO NOT OPEN OR TAMPER WITH THE ALARM AS THIS COULD CAUSE MALFUNCTION.



LED Indicator (Red/Green/Yellow)

Buzzer

Test/Silence Button

LCD Display

Test/Silence Button

SC06-W: The Test/Silence button is used to test the unit's electronics and to silence the unit during an alarm. When testing the alarm weekly, press and hold the test button until

you hear a short beep, indicating that the alarm has entered the test mode.Please refer to the “Alarm Test” section for further information. The alarm goes back to the standby mode after testing.

SC07-W: The Test/Silence button is used to test the unit's electronics and to silence the unit during an alarm. When testing the alarm weekly, you should first wake up your alarm by pressing the test button; once the alarm has woken up, the LCD display will activate, then press and hold the test button again until you hear a short beep, indicating that the alarm has entered the test mode. Please refer to the “Alarm Test” section for further information. The alarm goes back to the standby mode after testing. To save power, the alarm is designed to automatically turn off the LCD display if there has been no operation for 5 minutes.

Note: After a test has begun, the alarm will sound and the LED indicator will flash red. This does not indicate that smoke/CO is present.

Silence Mode

Smoke Silence Mode: Press the test button during an alarm to have the unit enter silence mode for 9 minutes.If the smoke concentration has reached an alarm level, after the silence time has expired, this unit will continue to alarm until the smoke concentration decreases to a safe, low level. Otherwise, the alarm will enter the normal mode after 9 minutes.

CO Silence Mode: Press the test button during an alarm to have the unit enter silence mode. If the CO density still exceeds the alarm threshold, the unit will re-enter alarm state. Otherwise, the unit will exit the silence mode after 9 minutes and resume normal operation.

NOTES

1. You can silence all interconnected units by pressing the Test/Silence button on one of the units. If one unit is still alarming, it is the initiating unit (the unit that detected danger); to silence all interlinked units, you must also press the Test/Silence button on the initiating unit.

2. While interconnected, the initiating unit cannot be triggered again during the 9-minute silence duration. However, all other interconnected units can be triggered again if they detect danger during the silence mode.

Buzzer

The alarm will sound when there is smoke or CO present, when you test the alarm, and when there is a fault.

LED Indicator

The LED indicator will flash in conjunction with the buzzer. Therefore, it will flash during the following states: when powering on, in standby mode, during smoke or CO alarm states, when exiting an alarm state, during test mode, when there is low battery, in silence mode, when there is a fault and when the unit is at the end of its life.

Low Battery

The LED indicator will flash yellow together with one beep every 60 seconds.

THE UNIT MUST BE DEACTIVATED (see"Deactivation of the Alarm"section) AND REPLACED AS SOON AS POSSIBLE.

If you press the test button when there is low battery, the low battery signal will temporarily cease for 10 hours.

End of Life

Once the maximum lifetime (10 years) is reached, the alarm will deliver 3 beeps and the LED indicator will flash yellow 3 times every 60 seconds. This end-of-life signal can be temporarily silenced for 22 hours by pressing the test button.

The end-of-life silence feature can only be used for a total of 30 days. After 30 days, the end-of-life signal cannot be silenced.

CO Alarm Levels

This X-Sensecombinationsmoke &carbonmonoxide alarm is programmed to sound an alarm at the following CO concentrations within the time periods listed:

70 ppm for 60–240 minutes,

150 ppm for 10–50 minutes,

and 400 ppm for 4–15 minutes.

SC06-W: When CO is detected and the alarm sounds, the LED indicator will flash red and the alarm will issue 4 short beeps, repeating the cycle every 5.8 seconds.

SC07-W: When CO is detected and the alarm sounds, the CO concentration will be displayed on the LCD and a blue backlight will be lit. The LED indicator will flash red and the alarm will issue 4 short beeps, repeating the cycle every 5.8 seconds.

CO Concentration and Symptoms

The table below shows the effects of different levels of CO poisoning on the body:

Parts per Million (PPM)	**Effects on Adults**

100	Slight headache, nausea, fatigue (flu-like symptoms).
200	Dizziness and headache within 2–3 hours.
400	Nausea, frontal headache, drowsiness, confusion and rapid heart rate. Risk to life after over 3 hours of exposure.
800	Severe headaches, convulsions, vital organ failures. Death possible within 2–3 hours.

⚠ WARNING: THIS DEVICE IS DESIGNED TO PROTECT INDIVIDUALS FROM ACUTE EFFECTS OF CARBON MONOXIDE EXPOSURE. IT MAY NOT FULLY SAFEGUARD INDIVIDUALS WITH SPECIFIC MEDICAL CONDITIONS. IF IN DOUBT, CONSULT A MEDICAL PRACTITIONER.

Different working modes and states are shown in the below table (SC06-W):

Mode		**LED Indicator**	**Audible Alarm**	**Remarks**
Powering On		Runs through 8 cycles(yellow/green/red) in sequence.	1 quick beep.	Make sure the alarm is properly attached to the mounting bracket.
Standby Mode		Flashes green once every 60 seconds.	None.	None.
	Unit detects smoke and initiates an alarm.	Flashesred3 times every 4 seconds.	3 long beeps every 4 seconds.	Dangerous smoke concentration is detected. Open nearby windows and doors, and immediately move to fresh air.
	Unit detects CO and initiates an	A CO concentration ranging from 30 to 999 ppm has been present for a certain	4 quick beeps repeating every 5.8	Dangerous CO concentration is detected, and has reached the

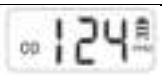
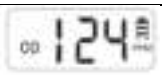
Alarm Mode	alarm.	time period. The LED indicator flashes red4 times every 5.8 seconds.	seconds.	alarm status. Open nearby windows and doors, and immediately move to fresh air.
	All other interconnected units in the network.	The LEDflashesred and green 3 times sequentially every 4 seconds.	3 long beeps every 4 seconds.	Dangerous smoke concentration is detected by the initiating unit in the network. Please find the initiating unit and take action.
		The LEDflashes red4 times, then the green LED flashes once every 5.8 seconds.	4quick beeps repeating every 5.8 seconds.	Dangerous CO concentration is detected by the initiating unit, and has reached the alarm status. Please find the initiating unit and take action.
	Unit detected smoke and initiated an alarm.	The LED indicator flashes green once every second for 5 seconds.	None.	Alarm cancellation: when the smoke concentration level drops below the alarm threshold, the alarm signal will stop. Then, the alarm goes back to the standby mode.
	Unit detected CO and initiated an alarm.	The LED indicator flashes green once every second for 5 seconds.	None.	Alarm cancellation: when the CO concentration level drops below the alarm threshold, the alarm signal will stop. Then, the alarm goes back to the standby mode.
Test Mode	Test a single unit.	2 sets of 3 red flashes followed by2 sets of 4 red flashes.	2 sets of 3 long beepsfollowed by 2 sets of 4 quick beeps.	Press the Test/Silence button.
	Test all interconnected units.	The LED indicator flashes red rapidly.	Continuous beeping until you release the Test/Silence button.	Initiatingalarm. Hold down the Test/Silence button on one unit in the network.

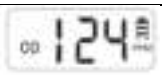
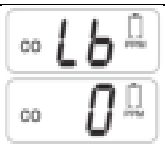
		The LEDflashes red and green sequentially.		Other interconnected alarms in the network.
Silence Mode		Flashesred3 times every 4 seconds.	None.	Smoke silence mode: After 9 minutes, the unit will exit silence mode.
		Flashes red 4 times every 5.8 seconds.	None.	CO silence mode: After 9 minutes, the unit will exit silence mode.
		Flashes yellow once every 60 seconds.	None.	Silence mode during low battery: After 10 hours, the unit will exit silence mode.
		Flashes yellow 3 times every 60 seconds.	None.	Silence mode during the end of cycle: After 22 hours, the unit will exit silence mode.
		Flashes green 3 times.	None.	Exiting silence mode.
Low Battery		Flashes yellow once every 60 seconds.	One beep every 60 seconds.	Replace the unitimmediately.
Fault		Flashes yellow 2 times every 60 seconds.	2 beeps every 60 seconds.	Please clean youralarm and see if it is working normally. If the unit has malfunctioned, it must be replaced immediately.
End of Life		Flashes yellow 3 times every 60 seconds.	3 beeps every 60 seconds.	Replace the unit immediately.

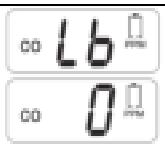
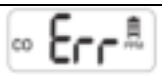
LCD Display (SC07-W)

While detecting CO, the LCD will display different indications to help you understand what to do, as shown below:

Mode	**LCD Display**	**LED Indicator**	**Audible Alarm**	**Remarks**
Powering On		Runs through 8 cycles(yellow/green/red) in sequence.	1 quick beep.	Make sure the alarm is properly attached to the mounting bracket.
Standby Mode		Flashes green once every 60 seconds.	None.	None.

Alarm Mode	Unit detects smoke and initiates an alarm.	-	Flashesred3 times every 4 seconds.	3 long beeps every 4 seconds.	Dangerous smoke concentration is detected. Open nearby windows and doors, and immediately move to fresh air.
	Unit detects CO and initiates an alarm.		A CO concentration ranging from 30 to 999 ppm has been present for a certain time period. The LED indicator flashes red4 times every 5.8 seconds.	4 quick beeps repeating every 5.8 seconds.	Dangerous CO concentration is detected, and has reached the alarm status. Open nearby windows and doors, and immediately move to fresh air.
	All other interconnected units in the network.	-	The LEDflashesred and green 3 times sequentially every 4 seconds.	3 long beeps every 4 seconds.	Dangerous smoke concentration is detected by the initiating unit in the network. Please find the initiating unit and take action.
			The LEDflashes red4 times, then the green LED flashes once every 5.8 seconds.	4quick beeps repeating every 5.8 seconds.	Dangerous CO concentration is detected by the initiating unit, and has reached the alarm status. Please find the initiating unit and take action.
	Unit detects CO (alarm not initiated)		A CO concentration level ranging from 30 to 999 ppm has been detected, but for less than the allotted detection period. The LED indicator flashes green once every 60 seconds.	None.	Dangerous CO concentration is detected, but has not reached the alarm status. Potentially dangerous CO conditions exist. Please search for the CO source first. Open nearby windows and doors, and immediately move to fresh air.
	Unit detected smoke and initiated an	-	The LED indicator flashes green once every second for 5 seconds.	None.	Alarm cancellation: when the smoke concentration level drops below the alarm

	alarm.				threshold, the alarm signal will stop. Then, the alarm goes back to the standby mode.
	Unit detected CO and initiated an alarm.	-	The LED indicator flashes green once every second for 5 seconds.	None.	Alarm cancellation: when the CO concentration level drops below the alarm threshold, the alarm signal will stop. Then, the alarm goes back to the standby mode.
Test Mode	Test a single unit.		2 sets of 3 red flashes followed by2 sets of 4 red flashes.	2 sets of 3 long beepsfollowed by 2 sets of 4 quick beeps.	Press the Test/Silence button.
	Test all interconnected units.		The LED indicator flashes red rapidly.	Continuous beeping until you release the Test/Silence button.	Initiatingalarm. Hold down the Test/Silence button on one unit in the network.
			The LEDflashes red and green sequentially.		Other interconnected alarms in the network.
Silence Mode		-	Flashesred3 times every 4 seconds.	None.	Smoke silence mode: After 9 minutes, the unit will exit silence mode.
			Flashes red 4 times every 5.8 seconds.	None.	CO silence mode: After 9 minutes, the unit will exit silence mode.
			Flashes yellow once every 60 seconds.	None.	Silence mode during low battery: After 10 hours, the unit will exit silence mode.
			Flashes yellow 3 times every 60 seconds.	None.	Silence mode during the end of cycle: After 22 hours, the unit will

				exit silence mode.
	-	Flashes green 3 times.	None.	Exiting silence mode.
Low Battery		Flashes yellow once every 60 seconds.	One beep every 60 seconds.	Replace the unitimmediately.
Fault		Flashes yellow 2 times every 60 seconds.	2 beeps every 60 seconds.	Please clean youralarm and see if it is working normally. If "Err" continues to display, the unit has malfunctioned and must be replaced immediately.
End of Life		Flashes yellow 3 times every 60 seconds.	3 beeps every 60 seconds.	Replace the unit immediately.

How to Set Up and Interconnect Wireless Alarms

All X-Sense Link^{+} wireless interlinked alarms contain a built-in RF module that enables you to wirelessly connect 2 or more interlinked alarms and create an interlinked network. When one unit is triggered, all interconnected alarms will sound. The X-Sense Link^{+}series contain wirelessinterlinked smoke alarms, wirelessinterlinked carbon monoxide alarms, and wirelessinterlinked smoke and carbon monoxide alarms. This model is designed to be wirelessly interlinked with other X-Sense Link^{+} alarms, but is not designed to communicate with wirelessinterlinked alarms from other manufacturers.

A maximum of 24 X-Sense safety devices may be interconnected in a multiple station arrangement. The interconnect system should not exceed the NFPA interconnect limit of 12 smoke alarms and/or 18 alarms total (smoke, CO, smoke/ CO combination, heat, etc.). This smoke/CO combination alarm must be counted as a smoke alarm when determining the number of units on an interconnect line. With 18 alarms interconnected, it is still possible to interconnect up to a total of 6 remote signaling devices and/or relay modules.

The X-Sense Link^{+} wirelessinterlinked alarms in one multi-pack have already been interconnected, and the alarms in each multi-pack have their own independent interlinked network. If you have more than one multi-pack, you will need to connect them all to the

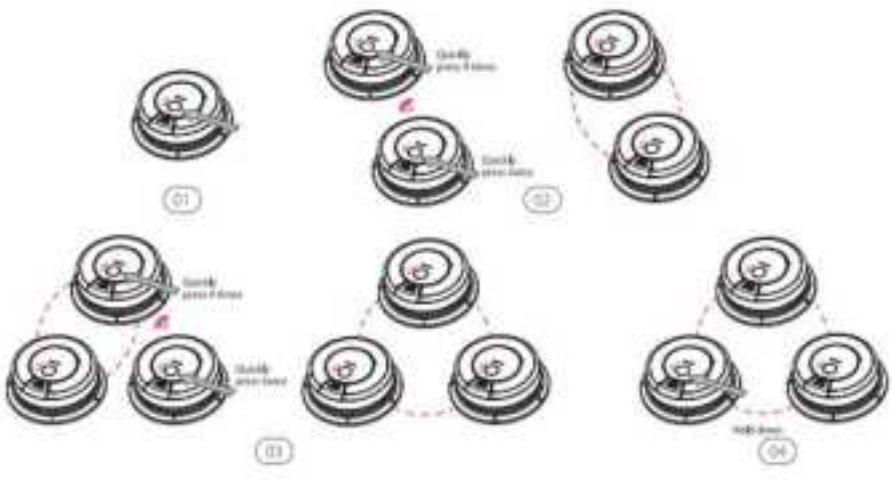
same network. Choose one multi-pack as your base network and connect the other multi-packs to it.

NOTE! The following instructions regarding wireless interconnection are applicable to the X-Sense Link+ wirelessinterlinked alarms only.

How to Interconnect

1. Make sure you only work with 2 units at a time, and make sure that they are both turned on to ensure successful connection.

   NOTE: To turn on SC06-W/SC07-W, attach the alarm properly to the mounting bracket and turn clockwise to lock it. To learn how to turn on different models of wireless interlinked alarms, please refer to their specific user manuals for more details.
2. Press the test/silence button on one of the 2 units 4 times; it will beep once and the LED will flash red slowly, indicating it has entered pairing mode and is waiting for a new unit to be added. Quickly press the test/silence button on the other unit twice; it will beep once and the LED will flash redrapidly, indicating it is searching for a device to connect to.
3. After the search is successful and an interconnected group is created, both units will beep once and automatically exit the interconnection mode. At this point, both units will only flash once 60 seconds, indicating they are in normal standby mode.
4. If you want to connect a third alarm to this group, first activate a new device according to its operating instructions, and then quickly press the test/silence button on either of the 2 previously interconnected units 4 times. This unit will beep once, and the LED will flash red slowly, indicating it is ready to add a new device to the network. Next, quickly press the test/silence button on the new unit twice, and the LED will flash redrapidly as it searches for a network to connect to. After the third unit successfully joins the interconnected network, both units will beep once and automatically exit the interconnection mode.
5. If you want to connect more units, simply repeat step 4. Up to 24 alarms can be interconnected this way. **To ensure that all alarms enter the same interlinked network, make sure you only work with 2 units at a time—one unit enters the pairing mode and the other unit enters the searching mode.**
6. Test the alarms according to the steps in the section “Alarm Test.”



NOTES

1. The alarm will enter the searching mode or the pairing mode for 60 seconds with the LED flashing red. After 60 seconds, repeat step 2 to connect the alarms. If needed, press the test/silence button once while the alarm is in the searching mode or the pairing mode, and the LED will stop flashing red and the alarm will quit the pairing mode to enter normal status.

2. Test all wireless alarms to ensure they are interconnected before installation.

3. A maximum of 24 wireless alarms can be interconnected on the same network.

4. The model can only be interconnected with other X-Sense Link$^+$ wireless interlinked alarms.

How to Disconnect

Press the test/silence button 4times; the alarmwill beep once. Then, hold down the button until it beeps once more to disconnect. After disconnecting, it can be reconnected to the same network, or added to a new network.

NOTE: The X-Sense Link$^+$ wirelessinterlinked alarms in one multi-pack have already been interconnected. To create a new network, you will first need to disconnect each alarm individually in this multi-pack to avoid having them all join the same network.

Alarm Mode

X-Sense Link$^+$ wireless interlinked alarms can be interconnected such that any unit that senses dangerwill cause all other units in the interconnected network to alarm.

1. If the Initiating Unit Is Triggered by Smoke:

When one smoke alarm is triggered in the interconnected network, the unit will beep 3 times, paired with the LED that flashes red every 4 seconds. Any other SC06-W/SC07-W units will follow suit—they will beep 3 times every 4 seconds, paired with the LED flashing red and green in succession.

2. If the Initiating Unit Is Triggered by CO:

When one CO alarm is triggered in the interconnected network, the unit will beep 4 times every 5.8 seconds, paired with the LED flashing red. Any other SC06-W/SC07-W units in the network will follow suit—they will beep 4 times every 5.8 seconds, paired with the LED that flashes red 4 times first, followed by the LED that flashes green once with every beep. When the CO concentration level drops below the alarm threshold, the alarm will cease.

NOTES

- ***When one unit is triggered, other interconnected units will sound. If the smoke alarm and CO alarm are triggered in the network at the same time, the alarm signal of the smoke alarm will take priority over that of the CO alarm.***
- ***This alarm has a relay function that extends the wireless interconnected network for wide detection coverage.***

Alarm Test

Be sure to test your alarms when you turn them on for the first time, or when the group configuration has changed. In addition to the weekly tests you should perform, it is recommended to test the alarm after returning from a long trip or vacation.

If your X-Sense Link^{+} SC06-W/SC07-W is interconnected to other X-Sensewireless alarms, we recommend that every individual alarm is tested during the weekly test.

	Test a Single Alarm	**Test All Interconnected Alarms**
Action	Press thetest/silencebutton.	Hold down the test/silence button
Indication	• The alarm will emit 2 sets of 3 long beeps followed by 2 sets of 4 quick beeps. • The LED will flash red during the audible signal. • •For model SC07-W: You should	• The initiating unit will beep continuously with the LED flashing red. • Other interconnected alarms in the network will receive the signal after 5 seconds, then they will beep

	first wake up your alarm by pressing the test button. The LCD will turn on and the backlight will be lit. • After testing, the alarm will automatically enter standby mode.	continuously with the LED flashing red and green successively. Release the test/silence button and all the units will stop testing. • The units testing should be completed within 3 minutes. • After testing, the units will automatically enter standby mode.

NOTE: ***The test function accurately tests the alarm's circuits without the need to test with smoke and CO. If your alarm fails to give an audible test signal, please refer immediately to the troubleshooting guide at the end of this manual.***

Basic Safety Information

IMPORTANT!

1. DANGERS, WARNINGS, AND CAUTIONS ALERT YOU TO IMPORTANT OPERATING INSTRUCTIONS OR TO POTENTIALLY HAZARDOUS SITUATIONS. PAY SPECIAL ATTENTION TO THESE SITUATIONS.

2. THIS COMBINATION SMOKE & CARBON MONOXIDE ALARM IS ONLY APPROVED FOR HOME USE.

3. THIS CARBON MONOXIDE ALARM IS DESIGNED TO DETECT CARBON MONOXIDE FROM ANY SOURCE OF COMBUSTION.

4. CONSTANT EXPOSURES TO HIGH OR LOW HUMIDITY MAY REDUCE BATTERY LIFE.

5. SMOKE ALARMS ARE NOT TO BE USED WITH DETECTOR GUARDS UNLESS THE COMBINATION HAS BEEN EVALUATED AND FOUND SUITABLE FOR THAT PURPOSE.

CAUTION!

THIS SMOKE & CARBON MONOXIDE ALARM HAS TWO SEPARATE ALARMS WHICH WORK INDEPENDENTLY. THE CARBON MONOXIDE ALARM IS NOT DESIGNED TO DETECT FIRE OR ANY OTHER GAS. IT WILL ONLY INDICATE THE PRESENCE OF CARBON MONOXIDE GAS AT THE SENSOR. CARBON MONOXIDE GAS MAY BE PRESENT IN OTHER AREAS. THE SMOKE ALARM WILL ONLY INDICATE THE PRESENCE OF SMOKE THAT REACHES THE

SENSOR. THE SMOKE ALARM IS NOT DESIGNED TO DETECT GAS, HEAT OR FLAMES.

WARNING!

1. NEVER IGNORE ANY ALARM. FAILURE TO RESPOND CAN RESULT IN SERIOUS INJURY OR DEATH.

2. THE SILENCE FEATURE IS ONLY FOR YOUR CONVENIENCE AND WILL NOT CORRECT A PROBLEM. ALWAYS CHECK YOUR HOME FOR A POTENTIAL PROBLEM AFTER ANY ALARM. FAILURE TO DO SO CAN RESULT IN INJURY OR DEATH.

3. TEST THIS SMOKE/CO ALARM ONCE A WEEK. IF THE ALARM EVER FAILS TO TEST CORRECTLY, REPLACE IT IMMEDIATELY! IF THE ALARM CANNOT WORK PROPERLY, IT WILL NOT ALERT YOU TO A PROBLEM.

4. THIS PRODUCT IS INTENDED FOR USE IN ORDINARY INDOOR LOCATIONS OF FAMILY LIVING UNITS. IT IS NOT DESIGNED TO MEASURE CO LEVELS IN COMPLIANCE WITH OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) COMMERCIAL OR INDUSTRIAL STANDARDS. INDIVIDUALS WITH MEDICAL CONDITIONS THAT MAY MAKE THEM MORE SENSITIVE TO CARBON MONOXIDE MAY CONSIDER USING WARNING DEVICES WHICH PROVIDE AUDIBLE AND VISUAL SIGNALS FOR CARBON MONOXIDE CONCENTRATIONS UNDER 30 PPM. FOR ADDITIONAL INFORMATION ON CARBON MONOXIDE AND YOUR MEDICAL CONDITION CONTACT YOUR PHYSICIAN.

5. THE REPLACEMENT DATE THAT APPEARS ON THE DEVICE IS THE DATE BEYOND WHICH THE DEVICE MAY NO LONGER DETECT CARBON MONOXIDE ACCURATELY AND SHOULD BE IMMEDIATELY REPLACED.

6. THIS DEVICE IS DESIGNED TO PROTECT INDIVIDUALS FROM THE ACUTE EFFECTS OF CARBON MONOXIDE EXPOSURE. IT MAY NOT FULLY SAFEGUARD INDIVIDUALS WITH SPECIFIC MEDICAL CONDITIONS. IF IN DOUBT, CONSULT A MEDICAL PRACTITIONER.

Installation Instructions

NOTE: Before installation, it is recommended to test the interconnectedalarms in the rooms where you intend to install them to ensure that they are within transmission range and that nothing will interfere with their communication.

Installation Locations

1. Prioritize the installation of a smoke/CO alarm in the bedroom and walkways, and make sure you can hear the alarm from all sleeping areas. In a home with several bedrooms, install an alarm in every bedroom. If you install only one smoke alarm in your home, install the alarm near to all bedrooms where possible, and not in a basement or furnace room.

2. Install an alarm above the stairway and on every floor of the house.

3. Smoke, heat and anything burning will spread horizontally after rising to the ceiling, so install the alarm in the middle of the ceiling where possible. Ensure the alarm is within working distance of all corners of the room.

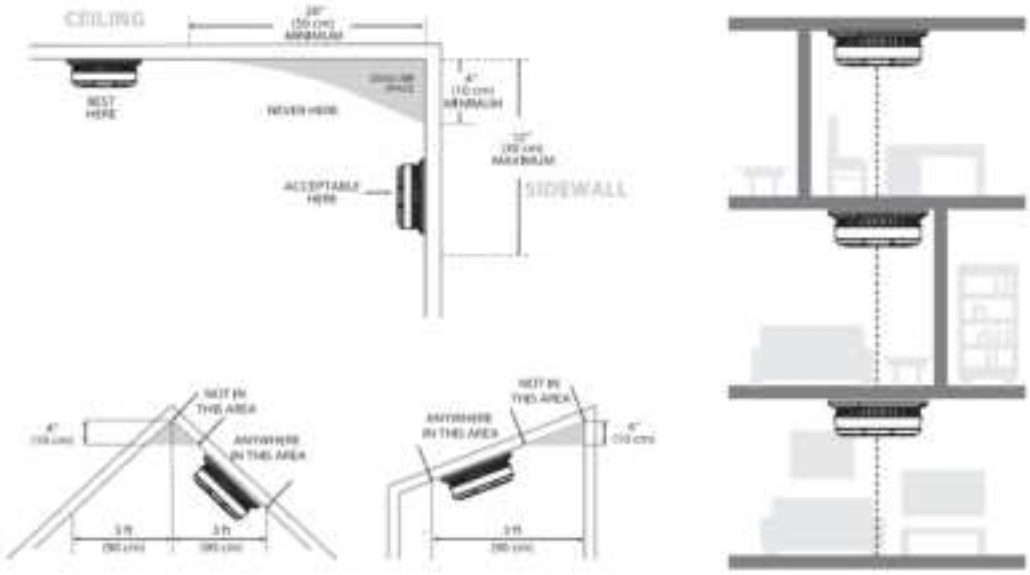
4. If an alarm cannot be installed in the middle of a ceiling, install at a distance of 20 inches (50cm) away from the corners of the room.

5. If an alarm is installed on a wall, it should be at a distance of 4–12 inches (10–30 cm) below the ceiling.

6. If the length of a room or hall is beyond 30 feet (900 cm), several alarms should be installed in the same room.

7. When the wall or ceiling is angled, the alarm needs to be installed within 3feet (90 cm) of the highest wall or ceiling point (measured horizontally) in the room.

8. In multi-level houses or apartments, install at least one wireless alarm on each level and keep them installed in a straight vertical line(see diagram) with as few obstacles between each of the interconnected alarms as possible to ensure optimal signal transmission.



Locations to Avoid:

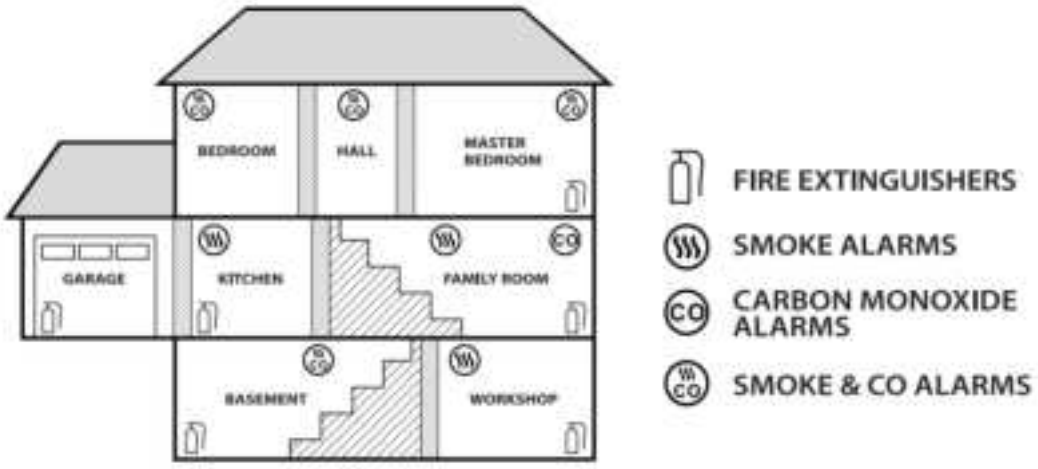
1. Near large metal surfaces and/or bundles of wire.
2. Near fluorescent lights, amateur radios, electrical equipment, or other devices that may transmit an RF signal, as electronic noise may cause nuisance alarms.

Recommended Placement

WARNING!

WARNING!

1. **THIS ALARM SHOULD BE INSTALLED BY A COMPETENT PERSON.**
2. **INSTALLATION OF THE ALARM SHOULD NOT BE USED AS A SUBSTITUTE FOR PROPER INSTALLATION, USE AND MAINTENANCE OF FUEL BURNING APPLIANCES INCLUDING APPROPRIATE VENTILATION AND EXHAUST SYSTEMS.**



How to Install This Alarm

IMPORTANT!

IMPORTANT!

THIS ALARM IS DESIGNED TO BE MOUNTED ON THE CEILING OR WALL.

WARNING!

WARNING!

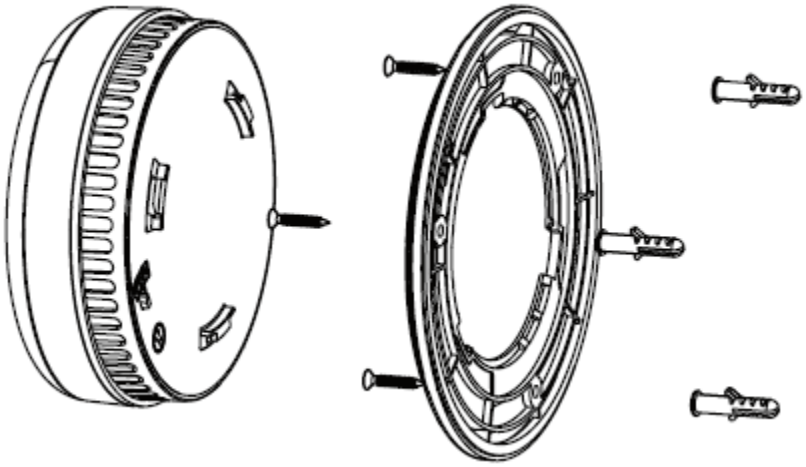
FAILURE TO PROPERLY INSTALL AND ACTIVATE THIS ALARM WILL PREVENT PROPER OPERATION OF THE ALARM AND WILL PREVENT ITS RESPONSE TO FIRE HAZARDS.

Mounting Steps

1. Mark three screw holes on the wall or ceiling according to the holes of the mounting bracket, and drill the screw holes to a depth of 1.18 in (30 mm) using a Ø 1/4 in (6.0 mm) drill bit. Then insert three plastic anchor plugs into the holes with a hammer.

2. Attach the mounting bracket to the surface of the wall or ceiling with three screws and mount the alarm into the bracket by pushing them together and twisting the unit clockwise.

3. Test the unit by using the Test/Silence button. Ensure the unit sounds in an alarm pattern.



NOTE: This model is equipped with a feature that automatically activates the alarm when the alarm is attached to the mounting bracket for the first time.

Deactivation of the Alarm

WARNING!

WARNING!

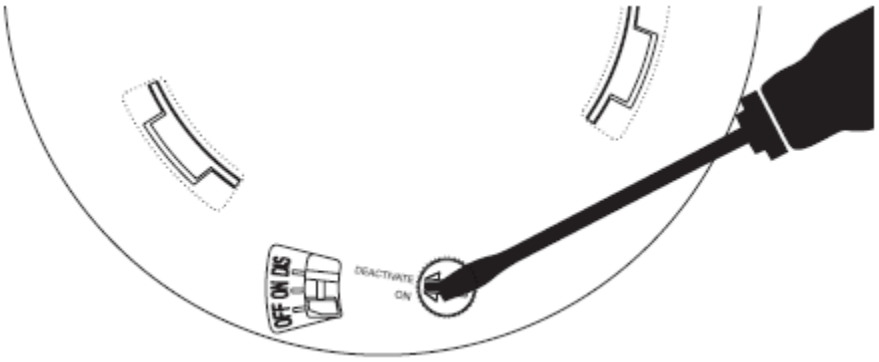
1. DO NOT DEACTIVATE THE ALARM UNIT UNTIL THE END-OF-LIFE SIGNAL HAS BEEN HEARD.
2. ONCE THE MAXIMUM LIFETIME (10 YEARS) IS REACHED, THE ALARM WILL DELIVER 3 BEEPS EVERY 60 SECONDS.
3. ONCE THE ALARM IS DEACTIVATED, IT WILL NO LONGER FUNCTION. IT CANNOT BE REACTIVATED AND MUST BE REPLACED.

To Deactivate the Alarm

Pressing the Test/Silence button can silence the end-of-life signal for up to 3 days.

1. Peel back the shaded label obstructing the “DIS” setting, and break the thin plastic guard, as below.

2. Twist the plastic pin upwards to the “DIS”position or insert a screwdriver into the slot and turn the dial clockwise to the “DIS”position.
3. Dispose of the alarm.
4. Replace the alarm.



Maintenance

To keep your smoke/CO alarm in good working order, follow these simple steps:

1. Verify the unit's alarm sound and indicators are working properly by testing the unit once a week.
2. Remove the unit from the ceiling/wall and clean the alarm cover and vents with a soft brush attachment once a month to remove dust and dirt.
3. Never use detergents or other solvents to clean the unit.
4. Avoid spraying air fresheners, hair spray or other aerosols near the alarm.
5. Do not paint the unit. Paint will seal the vents and interfere with the sensor's ability to detect smoke/CO. Never attempt to disassemble the unit or clean inside. Doing so will void your warranty.
6. When removed, place the smoke/CO alarm back in its proper location as soon as possible, to assure continuous protection from fire.
7. When household cleaning supplies or similar contaminants are used, the area should be ventilated.

Troubleshooting

Problems	Solutions

The alarm does not soundduring a test.	•Check whether the alarm is properly attached to themounting bracket. •Make sure you have pushed the Test/Silence button firmly. •Check the installation positioning. The wireless signalmight be blocked or out of range.
False alarms are triggered intermittently when residents are cooking, taking showers, etc.	Check the location of your alarm (see “Installation Locations”). Clean the alarm (see “Maintenance”).
LED flashes yellow once every 60 seconds with one beep.	The battery is low.Push Test/Silence button once tosilence for 10hours.**Replace the alarm immediately.**
LED flashes yellow 2 times every 60 seconds with 2 beeps.	The alarm is malfunctioning. Please clean youralarm and see if it is working normally. If not, **replace the device immediately.**
LED flashes yellow 3 times every 60 seconds with 3 beeps.	The maximum lifetime (10 years) is reached. Push the Test/Silence button once tosilence for 22 hours.**Replace the alarm immediately.**
LED flashes yellow 5 times every 60 second during the first 3 days, and 5 times every 60 minutes during the next 4 days.	When the RF power supply is low, the RF module will no longer work, and the product will notinterconnect with other units. It will still function as a standalone unit, however.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

Manufacturer and Service Information

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