

 Act in Advance 深圳市安室智能有限公司	料号	F800004000229	版本号	V1.1
	品名	SK0Z-3S 说明书_美规	设计师	罗敏
	材质	70g 书纸	时间码	2025102101
	工艺	单黑印刷, 骑马钉		
	尺寸	110x110mm		
	公差	± 1mm		

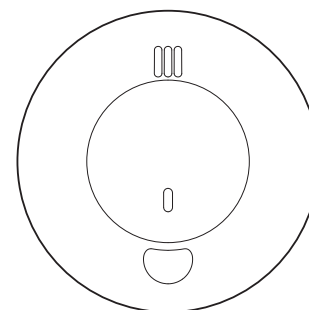
备注：此页无需印刷



Scan the QR code to view the product model.

X-Sense Electronics Co., Ltd.
Email: support@x-sense.com

X-SENSE |  **Link+Pro**



SD19-MN

User Manual

Smoke Alarm

Non-Replaceable Battery (10-Year)

F800004000229 V1.1

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This user manual contains important information about your smoke 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.

1 Introduction

Thank you for your purchase. This smoke alarm uses photoelectric technology, which is effective at detecting large particles commonly produced during smoldering fires that may smolder for hours before igniting.

Multiple SK0Z-3S smoke alarms can be connected to the X-Sense SBS50 base station using the X-Sense Home Security app. They can also form a customizable wireless network without using the base station. Whether connected via the base station or through the customizable wireless network, these alarms will be interconnected, so when one alarm is triggered, all will sound an alarm.

This alarm supports Link[®] Pro. Please note the following:

- 1. Only devices that are advertised as supporting Link[®] Pro can be connected to the app via the base station.*
- 2. Link[®] Pro supports both base station connection and a customizable wireless network as separate networks. You can only connect a device to one of them at a time. If you connect them to the base station, you'll receive app notifications but lose the customizable wireless network. Choosing the customizable wireless network means disconnecting from the base station and losing app notifications. Wireless interconnection is supported regardless of your choice.*
- 3. This device can be interconnected with other Link[®] series devices to create a customizable wireless network.*
- 4. Switching between the base station and customizable wireless network is simple and can be done at any time by following the corresponding adding method.*
- 5. Please note that the interlinked test function is not supported by the base station.*

Safety Information

DANGERS, WARNINGS, AND CAUTIONS ALERT YOU TO IMPORTANT INSTALLATION AND OPERATING INSTRUCTIONS, OR POTENTIAL HAZARDS. PLEASE PAY ATTENTION TO THE SITUATIONS.

IMPORTANT

1. THIS DEVICE IS NOT DESIGNED FOR HEARING-IMPAIRED PEOPLE. USE OF ALCOHOL OR DRUGS MAY IMPAIR ONE'S ABILITY TO HEAR THE SMOKE ALARM.
2. FIRES IN CHIMNEYS, WALLS, ROOFS, OR BEHIND CLOSED DOORS MAY NOT BE DETECTED.
3. THIS DEVICE IS NOT INTENDED FOR DETECTING FLAMES, HEAT, CARBON MONOXIDE, OR OTHER HAZARDOUS GASES.

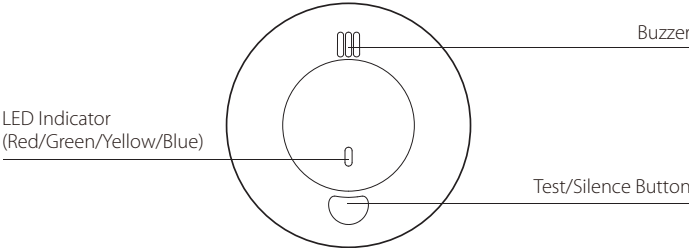
WARNING

1. NEVER IGNORE AN ALARM. FAILURE TO RESPOND

-
2. CAN RESULT IN SERIOUS INJURY OR EVEN DEATH. THE SILENCE FEATURE IS ONLY FOR YOUR CONVENIENCE AND WILL NOT CORRECT A PROBLEM. ALWAYS CHECK YOUR HOME FOR ANY POTENTIAL HAZARDS EVERY TIME AN ALARM SOUNDS.
3. TEST THIS SMOKE ALARM ONCE A WEEK. IF THE ALARM FAILS TO TEST CORRECTLY, REPLACE IT IMMEDIATELY! IF THE ALARM IS NOT WORKING PROPERLY, IT WILL NOT ALERT YOU TO A PROBLEM.
4. THIS ALARM SHOULD BE INSTALLED BY A COMPETENT PERSON.
5. ALARMS SHOULD NOT BE USED AS A SUBSTITUTE FOR PROPER INSTALLATION, USE AND MAINTENANCE OF FUEL BURNING APPLIANCES INCLUDING APPROPRIATE VENTILATION AND EXHAUST SYSTEMS.
6. BATTERIES SHOULD NOT BE EXPOSED TO EXCESSIVE HEAT SUCH AS DIRECT SUNLIGHT, FIRE, ETC.
7. THIS EQUIPMENT SHOULD BE INSTALLED IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION ASSOCIATION'S STANDARD 72 (NATIONAL FIRE PROTECTION ASSOCIATION, BATTERYMARCH PARK, QUINCY, MA 02269).
8. SMOKE ALARMS ARE NOT TO BE USED WITH SMOKE

ALARM GUARDS UNLESS THE COMBINATION HAS BEEN EVALUATED AND FOUND SUITABLE FOR THAT PURPOSE.

1.1 Product Overview



1.2 Technical Specifications

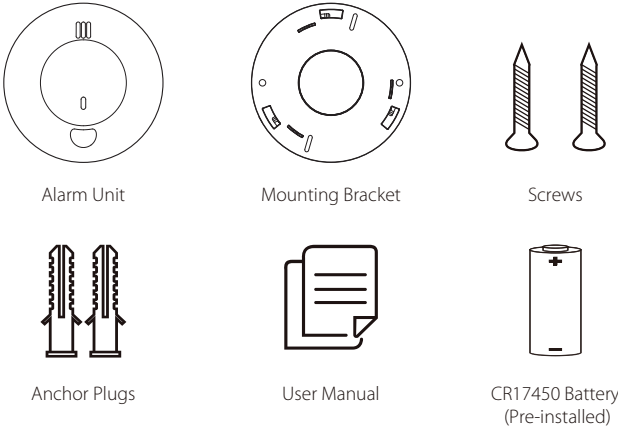
Specifications of Smoke Alarm

Power Supply	3 V (≡) CR17450 lithium battery × 1 (non-replaceable)
Battery Life	10 years
Maximum Service Life	10 years
Sensor Type	Smoke: Photoelectric
Smoke Sensitivity	1.02–1.66% obs/ft
Operating Temperature	40–100°F (4.4–37.8°C)
Operating Relative Humidity	10%–85% RH (non-condensing)
Alarm Noise Level	≥ 85 dB at 10 ft (3 m) @ 3.2 ± 0.3 kHz pulsing alarm
Silence Duration	≤ 9 minutes
App	X-Sense Home Security (both Android and iOS supported)
Band	902–928 MHz

Maximum Interconnectable Units	24 wireless units (only compatible with X-Sense Link® Pro and Link® wireless alarms)
Transmission Range	Over 1,640 ft (500 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. The smoke alarm functions between 40 and 100°F (4.4 and 37.8°C). Prolonged exposure to temperatures outside of this range can reduce battery life and affect accuracy. We do not recommend operating the device outside of this range.

1.3 Package Contents



1.4 What to Do When the Alarm Sounds

1. Don't tackle fires yourself. Leave it to the professionals.
2. Keep calm and act quickly, ensuring everyone follows the pre-planned escape route to evacuate the building quickly and safely.
3. Don't waste time investigating what's happened or rescuing valuables.
4. If there's smoke, keep low where the air is clearer. Inhaling smoke is the leading cause of death.
5. Before you open a door check if it's warm. If it is, don't open it, as there may be a fire on the other side.
6. Call emergency services as soon as you're clear of the building.
7. Do not return to the scene of the fire unless firefighters confirm it's safe.

1.5 Scenarios Where the Smoke Alarm May Not Function Properly

1. Fires where the victim is intimate with a flaming initiated fire; for example, when a person's clothes catch fire while cooking;
2. Fires where the smoke is prevented from reaching the smoke alarm due to a closed door or other obstruction;
3. Incendiary fires where the fire grows so rapidly that an occupant's egress is blocked even with properly located smoke alarms.

2 How to Connect

2.1 App Download

Download the X-Sense Home Security App



To download the app, search for "X-Sense Home Security" in the Apple App Store or Google Play, or simply scan the QR code. Create an account using a valid email address. If you already have an account, make sure it is updated to the latest version.

NOTE: Make sure your smartphone supports iOS 11 and higher, or Android 8.0 and higher.

2.2 App Features

Notifications: You will receive push notifications on the app for smoke alarms, danger cleared, low battery, device malfunction, end of life, etc.

Device Test: Simply tap the Device Test button in the app to test whether the device is functioning properly.

Device Sharing: You can share the device with your family members and friends. They will receive app push notifications for alarms and can silence the device, view historical events, etc.

2.3 Wi-Fi Pairing Preparation

Before connecting base station, make sure that:

1. You know your Wi-Fi network name and password.
2. You are connecting your device using a 2.4 GHz Wi-Fi network (incompatible with 5 GHz Wi-Fi network).
3. Make sure the Bluetooth on your phone is turned on.

NOTE: When the device is configured via Wi-Fi, make sure your mobile phone and devices are as close to the router as possible, which can speed up device configuration.

2.4 Power-On Instruction

To Activate the Device

According to the instructions in section 5.4 "Installation Instructions", properly attach the alarm to the mounting bracket and install it on the ceiling. When the device is powered on, it will beep once and the LED will flash in sequence (red/yellow/green/blue) for two cycles, indicating successful power-on.

NOTE: After the initial power-on, the device cannot be powered off. If the alarm is removed from the mounting bracket, it will remain in standby mode.

2.5 Network Setup Steps

Connect the Link[®] Pro Smoke Alarm to the Base Station

Alarms added to the same base station are interconnected. When one alarm is triggered, all alarms and the base station will sound together. You'll receive push notifications wherever you are to stay informed of the status and can silence an alarm directly from your smartphone.

NOTE: Before adding devices to the system, make sure the base station has been successfully added to the app.

1. Tap "⊕", select "Smoke Alarms", and then select "Link[®] Pro Smoke Alarms (Working with SB550 Base Station)". Then select "SK0Z-35" in the product list. Enter a name for the alarm and select the room in which it is installed. Tap "Next" to add.
2. Follow the prompts on the page by pressing the test/silence button twice on the side of the smoke alarm until the device beeps once paired with LED flashing blue rapidly, indicating that the device is waiting to connect to the base station.
3. Tap "Next" to add the device. You will hear "Ready to add the device."
4. After successfully connected, you will hear "Device added" and the "Device added" page will appear. Then you can find the smoke alarm in the device list.
5. If you want to add multiple devices to the system, please repeat the above steps.

NOTE: If you fail to add the smoke alarm to the network within 60 seconds, the device will automatically exit the network configuration. To re-enter the network configuration, you need to repeat the above steps.

3 Interconnect the Alarms Without Adding to the Base Station

If you don't want to add the smoke alarms to the base station, you can connect the smoke alarms using RF technology to create an interconnected alarm system. However, you will no longer be able to receive push notifications on your phone from the X-Sense Home Security app.

NOTE: The SK0Z-3S smoke alarms can be connected to the X-Sense Link[®] Pro and Link[®] alarms using wireless interconnection without being connected to the base station.

All X-Sense 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 wireless interconnected alarms contain wireless interlinked smoke alarms, wireless interlinked carbon monoxide alarms, and wireless interlinked combination smoke and carbon monoxide alarms. This model is designed to be wirelessly interlinked with other X-Sense alarms, but is not designed to communicate with wireless interlinked alarms from other manufacturers.

The X-Sense wireless interlinked 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[®] Pro and Link[®] wireless interlinked 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.

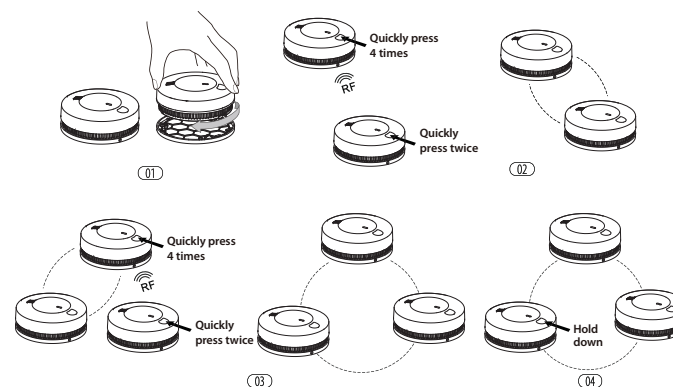
NOTE: To turn on SK0Z-3S, make sure the device is properly mounted onto the mounting bracket. When the device is properly installed, it will automatically turn on. To learn how to turn on different models of wireless interlinked alarms, please refer to their specific user manuals for more details.

2. Quickly press the test/silence button on one of the 2 units 4 times; it will beep once and the LED will flash blue 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 blue rapidly, 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 green once every 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 the manual, 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 blue 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 blue rapidly, 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 Testing After Installation”.



NOTES:

1. The alarm will enter the searching mode or the pairing mode for 60 seconds with the LED flashing blue. 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 blue 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[®] Pro and Link[®] wireless interlinked alarms.

4 Factory Reset

Quickly press the test/silence button 4 times, and the device will beep once while the LED flashes blue slowly. Then, press and hold the test/silence button; the device beeps once again while the LED stops flashing blue (if you press

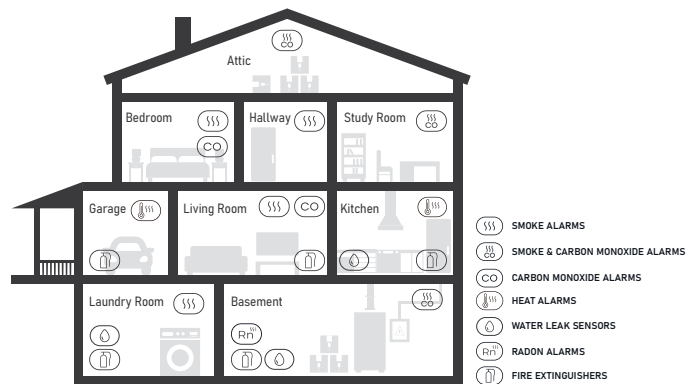
the test/silence button once, the device will exit to standby mode). The factory reset has been completed, and the device has been restored.

5 How to Install

5.1 Where to Install

NOTES:

1. Before installation, it is recommended to test the interconnected alarms 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.
2. If a smoke alarm is installed in a kitchen, ensure it has an accessible silence button, and install it as far away from the stove and sink as possible to avoid false alarms.

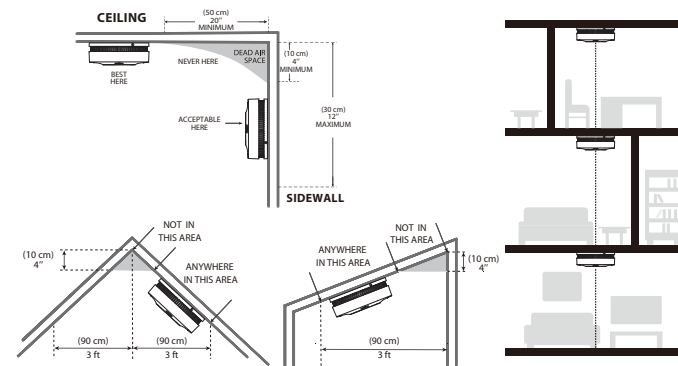


5.2 Locations to Avoid

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.

5.3 Specific Locations of Installation

1. Prioritize the installation of an alarm in the bedroom and hallways, 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 (50 cm) 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), you will need to install several alarms in the same room.
7. When the wall or ceiling is angled, the alarm needs to be installed within 3 feet (90 cm) of the highest wall or ceiling point (measured horizontally) in the room.
8. If you install the alarm on an A-frame or sloped ceiling, place it 4 inches (10 cm) below the highest peak.
9. 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.



⚠️ WARNING

TO PREVENT INJURY, THIS DEVICE SHOULD BE SECURELY ATTACHED TO THE CEILING OR WALL IN ACCORDANCE WITH THE INSTALLATION INSTRUCTIONS.

5.4 Installation Instructions

1. Draw a horizontal or vertical line of 4.7 in (12 cm) length at the intended place of installation on the ceiling or wall.
2. Align the two long mounting slots with the line. Mark the center of each slot.
3. Drill holes at the two marks using the appropriately sized drill bit.
4. Insert the anchor plugs and screws on the mounting bracket with the provided screws. Do not over-tighten the screws to avoid bending the mounting bracket.
5. Attach the alarm to the mounting bracket and turn clockwise to lock the detector.
6. Test the smoke alarm according to the steps in the section below.



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. The alarm cannot be turned off once it has been powered on.

5.5 Alarm Testing After Installation

Be sure to test your alarms when you turn them on for the first time, when the installation is finished 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 SK0Z-3S smoke alarm is interconnected to other X-Sense wireless alarms, we recommend that every individual alarm is tested during the weekly test.

	Test a Single Alarm	Test All Interconnected Alarms
Action	Press the test/silence button. Or tap the Device Test button in its Device Settings page in the app.	Hold down the test/silence button.
Indication	1. The LED flashes red consecutively 3 times, accompanied by beeping, lasting for 1 cycle. 2. For devices connected to the base station, a push notification will be sent to your smartphone. 3. After the self-test completes successfully, the device will beep once and the LED will flash green once.	1. The initiating unit will beep continuously with the LED flashing red. 2. Other interconnected alarms in the network will receive the test signal after 5 seconds, then they will beep continuously with the LED flashing red and green successively. Release the test/silence button and all the units will stop testing. 3. The testing of the units should be completed within 2 minutes. 4. After testing, the units will automatically enter standby mode.

NOTES:

1. The devices connected to the base station can only be tested individually. The interconnected devices that are not connected to the base station can be tested by holding down the test/silence button on one of the devices.
2. The test function accurately tests the alarm's smoke sensing circuit without the need to test with smoke. If your smoke alarm fails to give an audible test signal, please refer immediately to the troubleshooting guide at the end of this manual. Never use an open flame to test this device.
3. The test cannot be exited once it starts.

5.6 Battery Warning

1. KEEP NEW OR OLD USED BATTERIES OUT OF REACH OF CHILDREN.
2. In the event of a battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice immediately.
3. This smoke alarm is powered by a non-replaceable 10-year battery and once deactivated the smoke alarm is incapable of being reactivated and must be replaced.

6 Functions' Overview

6.1 Alarm Mode

For devices connected to the base station:

1. When an alarm is triggered, an in-app message will appear and an alarm push notification will be sent to your smartphone.
2. When one alarm is triggered, all devices connected to the system and the base station will sound an alarm

simultaneously.

3. The base station will automatically mute after 10 minutes of continuous alarm. After the base station stops the alarm, all devices in the interconnected system will still alarm.
4. In the case that the base station powers off and is disconnected from the network, all devices are still interconnected, so when one alarm is triggered, all will go off.
5. The volume level of the base station is adjustable. The alarms and base station can be remotely muted through the app. An app push notification will be sent to your phone when the smoke drops below the alarm threshold.

1. If the Initiating Unit Is Triggered by Smoke:

When this device is the initially triggered alarm, the LED flashes red 3 times accompanied by beeps. When other smoke alarms in the customizable wireless network or connected to the same base station are triggered, this device functions as a passively triggered alarm, with the LED alternating flashing red and green 3 times, accompanied by beeps.

2. If the Initiating Unit Is Triggered by CO:

When other carbon monoxide alarms in the customizable wireless network or connected to the same base station are triggered, this device functions as a passively triggered alarm; at this time, its LED flashes red 4 times first paired with beeps, followed by the LED that flashes green once.

NOTES:

1. *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.*
2. *This alarm has a relay function that extends the wireless interconnected network for wide detection coverage.*
3. *If the device has been added to the app: When an alarm is triggered, a pop-up and push notification will appear on the app. When the alarm is cleared, a "Smoke Alarm Off" push notification will be sent to the app.*

6.2 Silence Mode

If your device has not been added to the app, you can silence it by pressing the test/silence button on the device. However, if your device has been added to the app, you can silence it using the "Silence" button in the app. If you press the silence button during an alarm state, the unit will be in the silence mode for 9 minutes. During the silence mode, the LED flashes red. After 9 minutes, the alarm will enter the normal mode.

For devices in the customizable wireless network: All devices can be silenced collectively. Pressing the test/silence button on the initially triggered device will silence all devices in the network. Pressing the test/silence button on the passively triggered device will silence only the other passively triggered devices in the network. For devices connected to the base station: Pressing the test/silence button on the initially triggered device will silence all devices in the network, including the base station. Pressing the test/silence button on the passively triggered device will silence only the passively triggered devices network, including the base station.

NOTES:

1. *In silence mode, if the smoke concentration continues to rise and exceeds the silent sensitivity threshold, the alarm will exit silence mode and trigger an alert again.*
2. *The silence function will only silence the alarm for a short period. It will NOT correct any problems.*
3. *If the device has been added to the app: During an alarm, you can tap the "Locate" button in the app to silence the base station and all passively triggered alarms, leaving only the initially triggered alarm active.*
4. *If the device has been added to the app: A push notification will be sent when a device is silenced.*
5. *If the smoke concentration is too high, the silence mode cannot be enabled. This unit will continue to alarm until the smoke concentration has decreased to a low level.*
6. *In alarm mode, you can tap the "Silence" button in the app to silence the alarm. In non-alarm mode, the "Silence" button in the app is disabled.*
7. *Before using the silence function in the app, please confirm the situation at the alarm site. Using the silence function indicates that you have taken appropriate measures to locate, identify, and mitigate the smoke event. If this is a life-threatening situation, leave the home immediately.*
8. *As required by regulations, the silence function in the app can only be used when you are near the source of the alarm (ensure that your phone and the alarm are connected to the same Wi-Fi network).*

6.3 Low-Battery Mode

The LED flashes yellow once, accompanied by 1 beep every 60 seconds.

If you press the test button when there is low battery, the low battery beep will temporarily stop for 10 hours, but the LED indicator will continue to flash yellow as a reminder.

NOTES:

1. *If the device has been added to the app, the battery status in the app will be shown as a low status and a "Low Battery" push notification will be sent.*
2. *When the battery level is too low, the alarm cannot be silenced.*

6.4 Fault Mode

When the device malfunctions, the LED flashes yellow twice, accompanied by 2 beeps every 60 seconds. The device in the fault mode cannot be silenced.

NOTES:

1. *If the device has been added to the app: The app will send a "Device Malfunction" push notification once every 11 hours.*
2. *If the device has been added to the app: When the fault is resolved, the app will send a "Device Malfunction Fixed" notification.*

6.5 End-of-Life Mode

When the device reaches its end of life, 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 within 30 days after the end-of-life signal begins. After that period,

the signal can no longer be silenced.

NOTE: If the device has been added to the app, the app will send a “Device End-of-Life” push notification.

6.6 Smoke Chamber Contamination

If the core part of the smoke sensor—the smoke chamber is contaminated by the surrounding environment, causing abnormal operation, the product's LED will flash yellow 4 times, accompanied by 4 beeps every 60 seconds. The smoke chamber contamination alarm cannot be silenced. Please keep the area around the product clean, remove the product from the ceiling, vacuum the outside of the device with a vacuum cleaner fitted with a soft brush attachment, and reinstall the product on the ceiling. If the alarm persists, replace the product immediately.

NOTE: If the device has been added to the app, a push notification will be sent when the contamination level reaches its maximum limit.

7 Deactivation of the Alarm

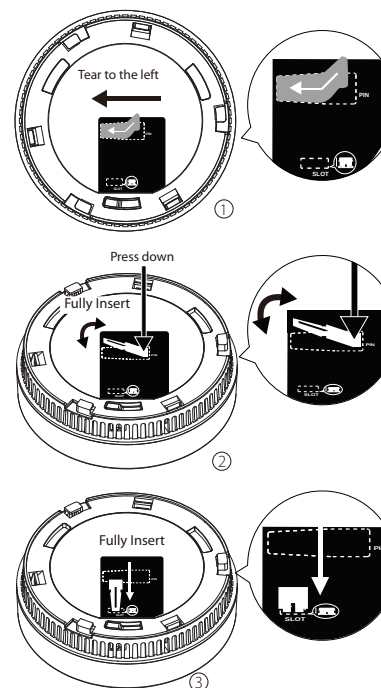
⚠ WARNING

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 DELIVERS 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 22 hours.

1. Tear the shadow label covering the “PIN” from the gray area to the left.
2. Press down on the right side of the “PIN.” When the left side lifts up, rotate the “PIN” from left to right. Continue rotating back and forth until the “PIN” is completely detached.
3. Completely insert the “PIN” into the “SLOT” position.
4. Dispose of the alarm.
5. Replace the alarm.



8 Daily Maintenance

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

1. Verify the unit's alarm sound and indicator are working properly by testing the unit once a week.
2. As a minimum your smoke alarm should be cleaned once every 3 months: Remove the unit from the ceiling and clean the alarm cover and vents with your vacuum cleaner fitted with the soft brush attachment 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 fire.
6. Never attempt to disassemble the unit or clean inside. Doing so will void your warranty.
7. When removed, place the smoke alarm back in its proper location as soon as possible, to assure continuous protection from fire.
8. When household cleaning supplies or similar contaminants are used, the area should be ventilated.

WARNING

DO NOT TAMPER WITH THE APPARATUS, AS THERE IS A RISK OF ELECTRIC SHOCK OR MALFUNCTION.

9 Audio-Visual Indicators

Mode		LED Indicator	Audible Alarm	Remarks
Powering On		Runs through 2 cycles (red/yellow/green/blue) 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.
Pairing Mode (Connect to Base Station)	Pairing Period	Flashes blue rapidly.	1 quick beep.	Pairing transmission status.
	Successfully Connected	Stops flashing blue.	1 quick beep.	The device is successfully connected to the base station.

Pairing Mode (Devices Interconnecting)		Flashes blue slowly.	1 quick beep.	Pairing status.
		Flashes blue rapidly.	1 quick beep.	Pairing transmission status.
Alarm Mode	Unit detected smoke and initiated an alarm.	Flashes red 3 times every 4 seconds.	Accompanied by the beep sound.	Dangerous smoke concentration is detected. Immediately move to fresh air.
	All other interconnected units in the network.	Flashes red and green 3 times sequentially.	Accompanied by the beep sound.	Dangerous smoke concentration is detected by the initially triggered device in the network. Please find the initially triggered device and take action.
	Smoke concentration level drops.	None.	None.	When the smoke concentration is below the alarm threshold, the alarm sound will cease and the device will automatically enter the standby mode.
Test Mode	Test a single unit.	1 set of 3 red flashes.	1 set of 3 long beeps.	After the self-test finishes and the device is functioning properly, the device will emit 1 beep accompanied by the LED flashing green once.
	Test all interconnected units.	Flashes red rapidly. Flashes red and green sequentially.	Continuous beeping until you release the Test/Silence button.	Initially triggered device. Hold down the Test/Silence button on one unit in the network. Other interconnected alarms in the network.
Silence Mode		Continues to flash red as in alarm mode.	None.	Smoke silence mode: After 9 minutes, the unit will exit the silence mode.
Low Battery		Flashes yellow once every 60 seconds.	One beep every 60 seconds.	Replace the unit immediately.
Fault		Flashes yellow twice every 60 seconds.	2 beeps every 60 seconds.	Replace the unit immediately.

End of Life	Flashes yellow 3 times every 60 seconds.	3 beeps every 60 seconds.	Replace the unit immediately.
Smoke Chamber Contamination	Flashes yellow 4 times every 60 seconds.	4 beeps every 60 seconds.	Refer to the “Smoke Chamber Contamination” section in the “Functions’ Overview” for handling.

10 Troubleshooting

PROBLEM	SOLUTION
The device is not triggered when it is tested with smoke.	Cause 1: The device is not turned on. Solution: Make sure the alarm is properly mounted on the mounting bracket according to section 2.4 “Power-On Instruction”. Cause 2: The smoke is not reaching the sensor properly. Solution: Smoke must enter the smoke sensor through the side openings to activate the device. Please be aware that the top of the device features the buzzer. Cause 3: The time duration is insufficient for the device to detect smoke. Solution: Continuous smoke exposure is necessary for the device to be triggered. When smoke reaches the smoke sensor, the device will be activated within about 20 seconds. Cause 4: Insufficient smoke concentration. Solution: This product utilizes a photoelectric sensor, requiring sufficient smoke concentration for detection. Higher smoke levels lead to faster alarm response. Avoid using an open flame for testing.
The alarm does not sound during a test.	Cause 1: The device is not turned on. Solution: Make sure the alarm is properly mounted on the mounting bracket according to section 2.4 “Power-On Instruction”. Cause 2: You don't press the test/silence button firmly. Solution: Make sure you press the test/silence button firmly.

When the test button is held down, only one alarm sounds and the other interconnected alarms do not respond.	1. When connected to a base station, holding down the test button only tests a single device. 2. When connected to a wireless interconnected network, holding down the test button will test all devices in the network. 3. When exited from the wireless interconnected network, holding down the test button only tests a single device. 4. A short press on the test button will always test a single device.
False alarms are triggered intermittently or when residents are cooking, taking showers, etc.	Cause 1: The device is improperly installed. Solution: Check the location of your alarm (see “How to Install”). Cause 2: The device is clogged with dirt and dust. Solution: Clean the device periodically (see “Daily Maintenance”).
It is unclear how to judge which alarm is triggered first.	1. Look in the app (when connected to the base station): only the initiating alarm will be displayed as being triggered, and the other alarms will not. 2. Press the test button: In the alarming mode, press the test/silence button on any of the devices. If all other alarms are muted, the device you pressed is the source alarm, if not, then the source alarm is the one you will hear continuing to alarm. You need to press the test/silence button to silence the initiating alarm.
The base station failed to connect to the network.	Cause 1: The entered Wi-Fi name and/or password are wrong. Solution: Enter the correct Wi-Fi name and password. Cause 2: The phone Bluetooth is not turned on. Solution: Turn on the phone's Bluetooth. Cause 3: The base station is not entering pairing mode. Solution: Press and hold the Pair button on the base station for 5 seconds and the LED will flash yellow while entering pairing mode.
The alarm cannot be added to the base station.	Cause: The alarm did not enter pairing mode. Solution: Quickly press the pairing button twice on the alarm until it flashes blue rapidly, indicating it has entered pairing mode.
The alarm volume of the base station is low.	Cause: The alarm sound is set to low. Solution: Go to “Base Station Alarm Volume” in the “Base Station Alarm Sound” option to adjust the alarm sound.

The app push notification is delayed, or there are no push alerts.	Cause 1: The battery ran out. Solution: Please replace the device immediately. Cause 2: The app push notification permission is disabled. Solution: Turn on the push notification permission on the phone. Cause 3: The communication between the base station and router is not stable or they are too far apart. Solution: Please reduce any obstructions between the base station and the router, and ensure that the base station is within the router's coverage area. Cause 4: The communication between the alarm and base station is not stable or they are too far apart. Solution: Please reduce the obstacles between the alarm and base station. The maximum distance between the alarm and the base station in an open environment is 1,640 ft (500 m). Cause 5: The network connection of the router and the mobile phone is abnormal. Solution: Make sure the network connection of the router and the mobile phone is normal.
The app shows that the base station is offline.	Cause 1: The base station's Wi-Fi connection is disconnected. Solution: Make sure that the router network connected to the base station is working normally. Cause 2: The base station is powered off. Solution: Check that the base station is properly connected to the power supply.
The app shows that the alarm is offline.	Cause 1: The battery ran out. Solution: Please replace the device immediately. Cause 2: The communication between the base station and router is not stable or they are too far apart. Solution: Please reduce any obstructions between the base station and the router, and ensure that the base station is within the router's coverage area. Cause 3: The communication between the alarm and base station is not stable or they are too far apart.

	Solution: Please reduce the obstacles between the alarm and base station. The maximum distance between the alarm and the base station in an open environment is 1,640 ft (500 m). Cause 4: The network connection of the router and the mobile phone is abnormal. Solution: Make sure the network connection of the router and the mobile phone is normal.
The LED flashes yellow once every 60 seconds with 1 beep.	Cause: Low battery warning. Solution: The battery is low. Push the Test/Silence button once to silence for 10 hours. Replace the device immediately.
The LED flashes yellow twice every 60 seconds with 2 beeps.	Cause: Malfunction. Solution: The alarm is malfunctioning. Replace the device immediately.
The LED flashes yellow 3 times every 60 seconds with 3 beeps.	Cause: End-of-life warning. Solution: The maximum lifetime (10 years) is reached. Press the Test/Silence button once to silence for 22 hours. Replace the device immediately.
The LED flashes yellow 4 times every 60 seconds with 4 beeps.	Cause: The smoke chamber is contaminated. Solution: Please keep the area around the product clean, remove the product from the ceiling, vacuum the outside of the device with a vacuum cleaner fitted with a soft brush attachment, and reinstall the product on the ceiling. If the alarm persists, replace the device immediately.

11 Statement

Environmental Protection

The crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you that all electrical and electronic products, batteries, or accumulators must be taken to designated collection locations at the end of their working life. Do not dispose of these products as unsorted municipal waste. Dispose of them according to the laws and rules in your area.



ISED Statement

English: This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Radiation Exposure Statement

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

French: Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux CNR exempts de licence d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes :

- (1) Cet appareil ne doit pas causer d'interférences.
- (2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

Déclaration d'exposition aux radiations

Cet équipement est conforme aux limites d'exposition aux radiations du Canada dans un environnement non contrôlé.

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

FCC Statement

1. 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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Note: This equipment has been tested and found to comply with the limits for a Class B digital device. 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.

3. Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

4. The distance between user and products should be no less than 20 cm.

12 Manufacturer and Service Information

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