



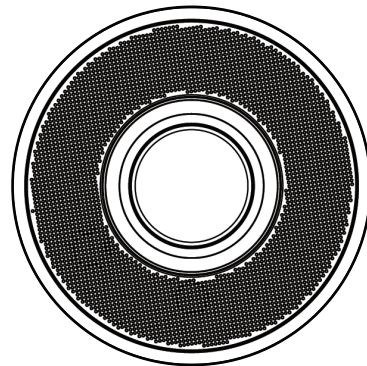
Scan the QR code to view the product model.



Points de collecte sur [www.quefairedemesdechets.fr](http://www.quefairedemesdechets.fr)  
Privilégiez la réparation ou le don de votre appareil !

X-Sense Electronics Co., Ltd.  
Email: [support@x-sense.com](mailto:support@x-sense.com)

**X-SENSE** |  **Wi-Fi**



**XS0B-iR**

# User Manual

## Smoke Alarm

Voice and Location/Replaceable Battery

## Contents

English ————— 01-21



Scan the QR code to view multilingual manual.

## English

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.

### Safety Information

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

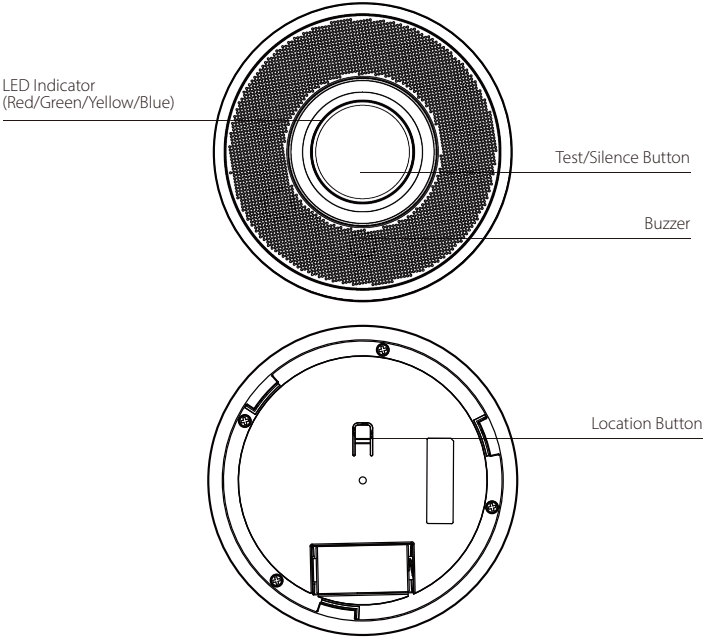
#### **IMPORTANT**

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 CAN RESULT IN SERIOUS INJURY OR EVEN DEATH.
2. 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.

1.1 Product Features

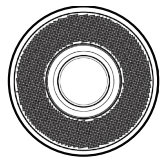


1.2 Technical Specifications

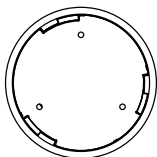
|                             |                                                         |
|-----------------------------|---------------------------------------------------------|
| Power Supply                | 3 V (≡) CR123A lithium battery × 1 (replaceable)        |
| Battery Life                | 1 year (test once a week)                               |
| Maximum Service Life        | 10 years                                                |
| Sensor Type                 | Smoke: Photoelectric                                    |
| Safety Standards            | EN 14604                                                |
| Operating Temperature       | 4.4–37.8°C (40–100°F)                                   |
| Operating Relative Humidity | 10%-85% RH (non-condensing)                             |
| Alarm Noise Level           | ≥ 85 dB at 3 m (10 ft) @ 3.2 ± 0.3 kHz pulsing alarm    |
| Silence Duration            | ≤ 9 minutes                                             |
| App                         | X-Sense Home Security (both Android and iOS supported)  |
| Band                        | 2400–2483.5 MHz (incompatible with 5 GHz Wi-Fi network) |
| Max. RF Power               | 100 mW                                                  |
| Wi-Fi Transmission Range    | Within the router's coverage area                       |
| Wireless Protocol           | IEEE 802.11b/g/n                                        |

- 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 4.4 and 37.8°C (40 and 100°F). 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.

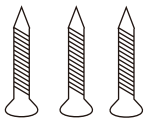
## 1.3 Package Contents



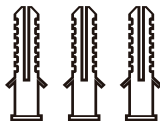
Alarm Unit



Mounting Bracket



Screws



Anchor Plugs



User Manual



CR123A Battery  
(Pre-installed)

## 1.4 What to Do When the Alarm Sounds

1. Don't tackle fires yourself. Please 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.

## 2 How to Connect

### 2.1 App Download

Download the X-Sense Home Security App



Download on the  
Apple App Store



GET IT ON  
Google Play

To download the app, search for "**X-Sense Home Security**" in the Apple App Store or Google Play Store, 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

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

*NOTE: You can choose to receive app push notifications when any change is made to your system. It is highly recommended that you limit push notifications, as too many notifications can become redundant and load your phone, which can quickly become a nuisance. Furthermore, the more push notifications you allow, the more power your smoke alarm will consume, which will reduce battery life.*

**Night Mode:** You can activate the night mode and set a specific time period which the LED light will not illuminate periodically to avoid disturbing your sleep. The new settings will take effect within 11 hours by default, or you can double press the test/silence button to immediately synchronize the settings.

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

**Record History:** You can view the device's notification history through the app.

**Offline Notifications:** Offline notifications are used to notify you if the alarm disconnects from the Wi-Fi. Note that this notification may not be sent instantly, as the alarm reports to the cloud service center at set intervals.

### 2.3 Wi-Fi Pairing Preparation

**Before connecting devices, 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

Before use, pull out the battery insulating film from the battery compartment to power on the device. After the device is turned on, the LED indicator will flash through two cycles (red/yellow/green/blue), then play the voice message "Hello from X-Sense." If the device has not been set a location, it will announce "Location not set. Press the Location button to select a location" to remind you to set a location.

If the device already has a location set, it will announce "Press the Test/Silence button to test" to prompt you to perform a test. The device will then enter standby mode.

**Additional Information:** If the device has been connected to a network before, after replacing the battery, the LED indicator will still flash through two cycles (red/yellow/green/blue), followed by the LED flashing blue rapidly (connecting to Wi-Fi).

## 2.5 Setup Steps

1. Tap "⊕" in the right top corner of the app homepage, select "Smoke Alarms", then select "Wi-Fi Smoke Alarms (Standalone, working without Base Station)". Then select "XS0B-iR" in the product list.
2. Enter a name for the alarm. Select the home you created or create a new home for the alarm, then select the room in which it is installed. If you create a new home, you will need to enter a name and select the country or region in which you live. After selecting the room, tap "Next" to add a device.  
**Choose the precise installation location for the alarm within the app. When an alarm is triggered, it will broadcast this designated location. That is to say, when danger occurs, the alarm will say "Warning. Smoke detected in Location. Evacuate."**
3. Ensure that the device is powered on. Then tap "Next".
4. Press and hold the test/silence button on the alarm for 3 seconds until it flashes blue. Before the light goes off, immediately tap "Operation Confirmed", then tap "Next"; or else you need to repeat the step to make the LED indicator flash blue.  
**NOTE: If your mobile phone finds two or more devices waiting to connect to the network, you need to tap to select the corresponding device you want to add.**
5. Connect to a 2.4 GHz Wi-Fi network and make sure you enter the correct password. Then, the alarm will enter the pairing process. Make sure the LED indicator is still flashing blue; or else you need to press it to make it flash blue again.
6. When finished, you will see the Wi-Fi smoke alarm on the app's device list.

### NOTES:

1. If your router supports a dual band network with both 2.4 GHz and 5 GHz, please create separate SSIDs for the 2.4 GHz and 5 GHz channels. This device is only compatible with a 2.4 GHz Wi-Fi network.
2. To promote successful Wi-Fi connection, make sure you place the alarm within the router range, and that you

enter the correct password.

## 2.6 Exit the Network

Quickly press the Test/Silence button 4 times, the alarm will say "Searching for a new device", it will beep once and the LED will flash blue slowly. Then, hold down the button until it says "Disconnected, standalone device now", the LED will flash green and beep once more to disconnect. After disconnecting, it can be reconnected to the same network, or added to a new network.

**NOTE: If you quickly press the test button while the LED indicator is slowly flashing blue, the device will announce the voice message "Connection failed. Please try it again." and then return to standby mode.**

## 3 Location Settings

### 3.1 Powering On Before Setting the Location

For first-time use, simply remove the battery insulation film from the battery compartment to turn on the device. After the device is powered on, the device will say "Hello from X-Sense." Then, the device will say "Location not set. Press the Location button to select a location."

If the device's battery has been replaced, and the location has been set, then the device will say "Press the Test/Silence button to test."

During this voice report process, if you press the Test/Silence button, there will be no response.

### 3.2 Setting the Location

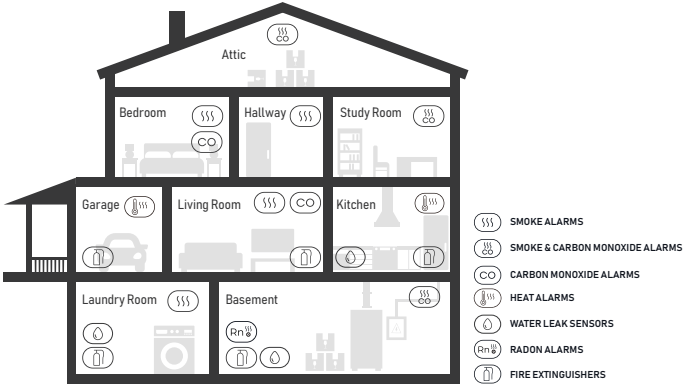
Please follow the steps below to set the device location so that it is accurate to the actual installation location.

1. After the device is powered on and the voice is finished, press the Location button. If the location has not been set, the device will say "Location not set. Press the Location button again to select a location." If the location has been set, the device will say "Location set. Press the Location button again to change the set location."
2. After step 1, press the Location button again. The device will say "Press the Location button for the next location. Quickly press the Location button twice for the last location. Hold down the Location button to save the location."
3. After step 2, press the Location button again. The device will say "Entryway."
4. After entering the location list, **press the location button for the next location. Quickly press the Location button twice for the last location. Hold down the Location button to save the location.**
5. The location list will be repeated. When the device says "No location," press the location button again, and "Entryway" will be reported again.
6. When the location is saved, the device will say "**Location** saved."
7. There is a 1-minute timeout limit when the product is in setting mode. If there is no operation within 1 minute, it will automatically exit and return to standby mode, and will say "Unable to set the location. Please try it again."
8. You can also choose to set the location through the app. Settings made through the app will take effect within 11 hours by default, or you can double press the Test/Silence button to immediately synchronize the settings.

Location List

|   |                |    |              |
|---|----------------|----|--------------|
| 1 | Entryway       | 10 | Den          |
| 2 | Basement       | 11 | Family room  |
| 3 | Living room    | 12 | Study        |
| 4 | Dining room    | 13 | Office       |
| 5 | Kitchen        | 14 | Workshop     |
| 6 | Hallway        | 15 | Utility room |
| 7 | Master bedroom | 16 | Attic        |
| 8 | Kid's room     | 17 | No location  |
| 9 | Guest room     |    |              |

4 How to Install  
4.1 Where to Install



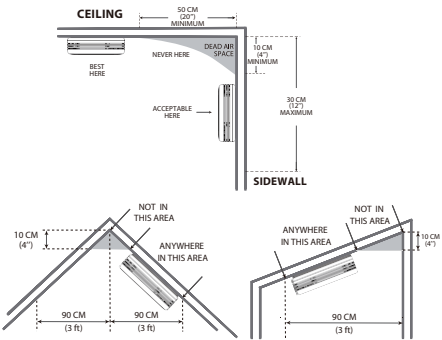
*NOTE: If a smoke alarm is installed in a kitchen, ensure it has an accessible silence button, and install it as far away from the stove and sink as possible to avoid false alarms.*

4.2 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.

4.3 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 50 cm (20 inches) away from the corners of the room.
5. If an alarm is installed on a wall, it should be at a distance of 10-30 cm (4-12 inches) below the ceiling.
6. If the length of a room or hall is beyond 900 cm (30 feet), 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 90 cm (3 feet) of the highest wall or ceiling point (measured horizontally) in the room.



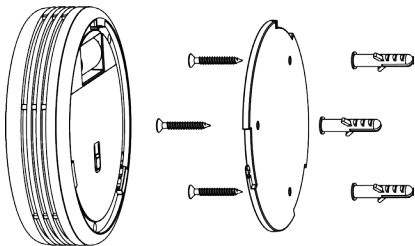


#### WARNING

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

### 4.4 Installation Instructions

1. Drill three Ø 6.0 mm holes in the wall or ceiling, 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.



### 4.5 Alarm Test After Installation

Test the alarm once a week, when you turn on the device for the first time, when the installation is finished, and every time you replace the battery or reconfigure the device.

To test the alarm, press the Test/Silence button, and the device should beep 3 times. (If you hold down the Test/Silence button for longer than 3 seconds, the smoke alarm will re-enter the pairing process.)

After entering test mode, the device will announce: "This is only a test. The alarm will sound loudly. You can press the Test/Silence button to cancel the test."

It will first perform a smoke sensor check, announcing "Testing the smoke sensor."

1. If a malfunction is detected, it will announce "Caution. Smoke sensor malfunction. Replace the device now."
2. If no malfunction is detected, the device will flash red 3 times every 4 seconds pairing with beeps. Then, it will proceed to check the battery level and product lifespan:
  - a. If any issues are found, it will enter the corresponding mode (see detailed function descriptions).
  - b. If everything is normal, it will announce "Normal working status."

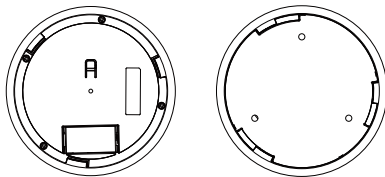
Finally, the device will enter standby mode, with the LED indicator continuing to flash blue for a period of time.

#### NOTES:

1. This will only test the electronics. If the device fails to deliver an audible test signal, please refer to the "Troubleshooting" section.
2. During the test, you can press the Test/Silence button once to exit test mode, and the device will announce: "Test Canceled."

### 4.6 Battery Replacement

1. To replace the battery, detach the smoke alarm from the mounting bracket by twisting counterclockwise.
2. Remove the battery, and then install a new battery, matching the correct polarity markings.
3. Test the alarm, and then mount the alarm onto the mounting bracket by twisting clockwise to lock the alarm.



#### 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. NEVER charge a battery unless it is a rechargeable battery.
4. Do not mix alkaline, standard (carbon-zinc) or rechargeable (Ni-Cd; Ni-MH) batteries.
5. Different types of batteries or new and used old batteries are not to be mixed. Do not mix batteries of different manufacturers, capacities, or sizes.
6. Batteries must be inserted with the correct polarity. Replacement of a battery with an incorrect type can defeat the safeguard. There will be a risk of fire or explosion if a battery is replaced by an incorrect type.
7. Test the alarm for correct operation using the test facility, whenever the battery is replaced.

## 5 Introduction of Functions

### 5.1 Alarm Mode

The alarm emits 3 alarm sounds every 4 seconds paired with the LED indicator flashing red, accompanied by the voice message: "Warning. Smoke detected in **Location**. Evacuate." At the same time, the app will receive an alarm notification.

Once the smoke concentration drops below the alarm threshold, it will announce: "Danger cleared."

### 5.2 Silence Mode

You can silence the device by pressing the test/silence button on the device or tapping the silence button in the app. If you press the silence button during an alarm state, the device will say "Smoke alarm silenced." and a push notification will be sent to your phone. Then the unit will be in the silence mode for 9 minutes. During the silence mode, the LED flashes red 3 times every 4 seconds. After 9 minutes, the alarm will enter the normal mode. Note that the silence function will only silence the alarm for a short period. It will NOT correct any problems.

### 5.3 Low-Battery Mode

The LED indicator flashes yellow once every 60 seconds. For the first 15 minutes, the device will give a verbal warning "Caution. Low battery. Replace the battery now." every 60 seconds. After 15 minutes, the device will stop the voice alert and beep once every 60 seconds. At the same time, a low-battery notification will be sent to the phone. 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.

### 5.4 Fault Mode

When the device malfunctions, the LED indicator will flash yellow 2 times every 60 seconds. For the first 15 minutes, the device will give a verbal warning: "Caution. Smoke sensor malfunction. Replace the device now." After 15 minutes, the device will stop the voice alert and beep 2 times every 60 seconds. The malfunction mode cannot be silenced. At the same time, a malfunction notification will be sent to the phone.

### 5.5 End-of-Life Mode

When the device reaches its end of life, the LED indicator will flash yellow 3 times every 60 seconds. For the first 15 minutes, the device will give a verbal warning "Caution. The alarm has reached the end of its lifetime. Replace the device now." After 15 minutes, the device will stop the voice alert and beep 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. At the same time, an end-of-life notification will be sent to the phone.

### 5.6 Multi-language Voice Switching

#### Initial Setup

During the app device pairing process, the "Device Voice Language" interface will appear. The device defaults to German for voice announcements. English and French voice options are also available in the settings, which you can select as needed.

#### Subsequent Changes

In the XS0B-IR details page of the app, select the desired voice language under "Device Voice Language."

After selecting the language, you need to quickly double-press the Test/Silence button on the device to synchronize the settings. When the language switch is successful, the app will prompt "Saved successfully" and the device will announce the switched language content "Hello from X-Sense/Hallo von X-Sense/Bonjour de X-Sense." If the language switch fails, the app will prompt "Operation failed. Please try again." In this case, please reattempt and ensure the device is properly powered on and in standby mode. **NOTE: The language switch function can only be executed in standby mode. It cannot be completed in other states.**

## 6 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.

## 7 Audio-Visual Display

| Mode        | LED Indicator                                                | Buzzer | Voice Guide                                                         | Remarks                                                                                                                                                     |
|-------------|--------------------------------------------------------------|--------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Powering On | Runs through 2 cycles (red/ yellow/green/ blue) in sequence. | None.  | "Hello from X-Sense."                                               | Remove the battery insulating film from the battery compartment to turn on the device. When the LED stops flashing, the voice guide will give instructions. |
|             |                                                              |        | First-time use.                                                     |                                                                                                                                                             |
|             |                                                              |        | The battery is replaced.                                            |                                                                                                                                                             |
|             |                                                              |        | "Location not set. Press the Location button to select a location." |                                                                                                                                                             |
|             |                                                              |        | "Press the Test/Silence button to test."                            |                                                                                                                                                             |

|                  |                                             |                                                              |                          |                                                          |                                                                             |                                                                                                                                                                                                                                                     |
|------------------|---------------------------------------------|--------------------------------------------------------------|--------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Setting Location |                                             | Flashes red once every 3 seconds.                            | None.                    | Location not set.                                        | "Location not set. Press the Location button again to select a location."   | Press down the Location Button. After the voice guide has ended, the LED will flash red every 3 seconds to indicate that the device is currently in the location setting mode, and the LED will continue to flash until it returns to standby mode. |
|                  |                                             |                                                              |                          | Location set                                             | "Location set. Press the Location button again to change the set location." |                                                                                                                                                                                                                                                     |
| Pairing Mode     | Start pairing                               | Continues to flash blue rapidly.                             | One beep.                | Ready to connect.                                        | "Ready to connect."                                                         | In pairing mode, if you press the test button, the device will announce "Connection failed. Please try it again.", and then exit pairing mode, returning to standby mode.                                                                           |
|                  | Paired successfully                         | Flashes blue rapidly for a while and then stops.             | One beep.                | Connected.                                               | "Connected."                                                                |                                                                                                                                                                                                                                                     |
|                  | Pairing failed                              | None.                                                        | None.                    | Connection failed.                                       | "Connection failed. Please try it again."                                   |                                                                                                                                                                                                                                                     |
| Standby Mode     | Connected successfully                      | Flashes green once every 60 seconds.                         | None.                    | None.                                                    |                                                                             | None.                                                                                                                                                                                                                                               |
|                  | Connection failed                           | Flashes green once, then flashes blue once every 60 seconds. |                          |                                                          |                                                                             | The device is in an abnormal connection state but is functioning normally.                                                                                                                                                                          |
| Alarm Mode       | Unit detected smoke and initiated an alarm. | Flashes red 3 times every 4 seconds.                         | 3 beeps every 4 seconds. | "Warning. Smoke detected in <b>Location</b> . Evacuate." |                                                                             | Dangerous smoke concentration is detected. Immediately move to fresh air.                                                                                                                                                                           |

|              |                                  |                                          |                                                     |                                                                                                                |                                                                                                                     |
|--------------|----------------------------------|------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
|              | Smoke concentration level drops. | None.                                    | None.                                               | "Danger cleared."                                                                                              | Alarm cancellation: when the smoke concentration level drops below the alarm threshold, the alarm signal will stop. |
| Test Mode    |                                  | 1 set of 3 red flashes.                  | 1 set of 3 beeps, paired with the LED flashing red. | "This is only a test. The alarm will sound loudly. You can press the Test /Silence button to cancel the test." | Press the test/silence button on the device.                                                                        |
|              |                                  |                                          |                                                     | "Testing the smoke sensor."                                                                                    |                                                                                                                     |
|              |                                  |                                          |                                                     | "The test is finished."                                                                                        |                                                                                                                     |
|              |                                  |                                          |                                                     | "Normal working status."                                                                                       | Normal functioning.                                                                                                 |
|              |                                  |                                          |                                                     | "Caution. Low battery. Replace the battery now."                                                               | Low battery.                                                                                                        |
| Silence Mode |                                  | Flashes red 3 times every 4 seconds.     | None.                                               | "Smoke alarm silenced."                                                                                        | Smoke silence mode: After 9 minutes, the unit will exit silence mode.                                               |
|              |                                  |                                          |                                                     | "Temporarily silenced."                                                                                        | Silence mode during low battery: After 10 hours, the unit will exit silence mode.                                   |
|              |                                  | Flashes yellow 3 times every 60 seconds. | None.                                               | "Temporarily silenced."                                                                                        | Silence mode during the end of life: After 22 hours, the unit will exit silence mode.                               |

|                     |                                          |                                                                      |                                                                                   |                                                                                                                            |
|---------------------|------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Low Battery         | Flashes yellow once every 60 seconds.    | Beeps 1 time every 60 seconds, paired with the LED flashing yellow.  | "Caution. Low battery. Replace the battery now."                                  | Replace the battery immediately.                                                                                           |
| Fault               | Flashes yellow 2 times every 60 seconds. | Beeps 2 times every 60 seconds, paired with the LED flashing yellow. | "Caution. Smoke sensor malfunction. Replace the device now."                      | Please clean your alarm 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. | Beeps 3 times every 60 seconds, paired with the LED flashing yellow. | "Caution. The alarm has reached the end of its lifetime. Replace the device now." | Replace the unit immediately.                                                                                              |
| Get updated content | Flashes blue once every 3 seconds.       | None.                                                                | None.                                                                             | Double press the Test/Silence button to modify the location, activate night mode, and switch voice language.               |

## 8 Troubleshooting

| Problems                                                                                   | Cause                                                             | Solution                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The device is not triggered when it is tested with smoke.                                  | The device is not turned on.                                      | Make sure the battery insulating film is removed. If the battery runs out, please replace the battery.                                                                                                                                                      |
|                                                                                            | The smoke is not reaching the sensor properly.                    | The holes on the surface of the device are for the speaker and buzzer. Smoke will not be effective. The smoke needs to enter the device from the side grille in order to trigger the alarm.                                                                 |
|                                                                                            | The time duration is insufficient for the device to detect smoke. | Continuous smoke is necessary for the device to be triggered. When smoke reaches the smoke sensor, the device will be triggered in about 20 seconds.                                                                                                        |
|                                                                                            | Insufficient smoke concentration.                                 | 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.                                                    | The device does not turn on.                                      | Remove the battery insulating film from the battery compartment to turn on the device. If the battery runs out, please replace the battery.                                                                                                                 |
|                                                                                            | You don't press the Test/Silence button firmly.                   | Make sure you have pressed the Test/Silence button firmly.                                                                                                                                                                                                  |
| False alarms are triggered intermittently when residents are cooking, taking showers, etc. | The device is improperly installed.                               | Install the device far away from kitchen appliances, dusty places, shower areas, and locations where the temperature is over 37.8°C (100°F) or below 4.4°C (40°F). Check the location of your alarm (see <b>"How to Install"</b> ).                         |
|                                                                                            | The device is clogged by dirt and dust.                           | Clean the device periodically (see <b>"Daily Maintenance"</b> ).                                                                                                                                                                                            |
| The previous set location is forgotten.                                                    | None.                                                             | Go to the device page in the app, where you will find the location displayed in the details.                                                                                                                                                                |
|                                                                                            |                                                                   | Remove the device from the mounting bracket and press the Location button on the back. Then the device will report the current location. If you need to reset the location, press the Location button again, and follow the instructions and voice prompts. |

|                                                                                          |                                                                                        |                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The app push notification is delayed or there are no push alerts.                        | The battery ran out.                                                                   | Unscrew the alarm from the bracket and replace the battery.                                                                                                                                                      |
|                                                                                          | The app push notification permission is disabled.                                      | Turn on the push notification permission on the phone.                                                                                                                                                           |
|                                                                                          | The communication between the alarm and Wi-Fi is not stable or they are too far apart. | Please reduce any obstructions between the alarm and the router, and ensure that the device is within the router's coverage area.                                                                                |
|                                                                                          | The network connection of the router and the mobile phone is abnormal.                 | Make sure the network connection of the router and the mobile phone is working normally.                                                                                                                         |
| The app shows that the alarm is offline.                                                 | The battery ran out.                                                                   | Replace the battery.                                                                                                                                                                                             |
|                                                                                          | The device has disconnected from the network.                                          | Please check the device's network connection, reduce any obstructions between the alarm and the router, ensure the device is within the router's coverage area, and try reconnecting.                            |
| The LED flashes yellow once every 60 seconds with one beep.                              | Low battery.                                                                           | The battery is low. Push the Test/Silence button once to silence for 10 hours. <b>Replace the battery immediately.</b>                                                                                           |
| The LED flashes yellow 2 times every 60 seconds with 2 beeps.                            | Malfunction.                                                                           | The alarm is malfunctioning. Please clean your alarm (see <b>"Daily Maintenance"</b> ). If the problem still occurs, <b>replace the alarm immediately.</b>                                                       |
| The LED flashes yellow 3 times every 60 seconds with 3 beeps.                            | End of life.                                                                           | The maximum lifetime is reached. Push Test/Silence button once to silence for 22 hours. <b>Replace the alarm immediately.</b>                                                                                    |
| The app is unable to switch the voice language.                                          | The phone did not synchronize the settings via button press.                           | After setting it in the app, you need to double press the Test/Silence button on the device to synchronize the settings.                                                                                         |
|                                                                                          | Network issue.                                                                         | Retry the operation or restart the device.                                                                                                                                                                       |
| The location setting and night mode set through the app did not take effect immediately. | The phone did not synchronize the settings via button press.                           | Such settings will take effect within 11 hours by default. If immediate effect is needed, you can double-press the Test/Silence button on the device after setting it in the app to synchronize the information. |

## 9 Statement

### CAUTION-RF ENERGY EXPOSURE AND PRODUCT SAFETY GUIDE

- Before using this device, please read this guide which contains important operating instructions for safe usage, control information and operational instructions for compliance with RF Energy Exposure limits in applicable national and international standards.
- User instructions should accompany the device when transferred to other users.

### Simple EU Declaration of Conformity

X-Sense Electronics Co., Ltd. declares that the radio equipment type is in compliance with the essential requirements and other relevant provisions of CPR Regulation (EU) 2024/3110 and RED Directive 2014/53/EU and the RoHS Directive 2011/65/EU and the WEEE Directive 2012/19/EU; the full text of the EU declaration of conformity is available at the following internet address: [www.x-sense.com](http://www.x-sense.com)

### 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 20cm.

## ISED Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-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.

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

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 Canada limites d'exposition aux radiations dans un environne

ment non contrôlé. Cet équipement doit être installé et utilisé à distance minimum de 20cm entre le radiateur et votre corps.

## 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.



## 10 Manufacturer and Service Information

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