
Φωτοηλεκτρικός ανιχνευτής καπνού X-Sense SD11

X-Sense · EAN 0810194780257

Machine translation from Polski. In case of doubt the manufacturer's original document prevails.

X-Sense

X-Sense Smoke Detector SD11

SD11/SD12/SD13/SD2J0AX/ SD2K0AX/ SD2L0AX

User Manual

This user manual contains important information regarding the operation of the smoke detector

X-Sense. Before proceeding with the installation and operation of the alarm, please read

this user manual carefully. If this smoke detector is being installed for use by other

people, please leave this manual (or a copy of it) for the end user.

End User.

Introduction

Thank you for purchasing our smoke detector. This smoke detector complies with the European

standard EN 14604:2005+AC:2008 and is designed for smoke detection. Our product range

is continuously expanding.

Product Features

Visual and audible alerts

In an emergency, the device will alarm at a volume of 85 dB at a distance of up to 3

meters (10 feet), and the red LED indicator will flash synchronously with the alarm sound.

Battery power

The long-life lithium battery enclosed within the alarm provides a 10-year lifespan in standby mode.

Silent mode

The smoke alarm can be silenced by pressing the Test/Silence button when non-alarm smoke

(e.g., steam) causes nuisance alarms. The red indicator flashes every 5 seconds to

remind that the smoke alarm has been silenced. To exit silent mode, press the Test/Silence button again or wait 9 minutes for the alarm to automatically exit silent mode.

Low battery and malfunction warning

This alarm provides full audible and visual warning when the battery is low or when any malfunction occurs. When the battery charge level is low, the alarm emits one beep, and the red LED indicator flashes every 60 seconds. The alarm emits two beeps, and the red LED indicator flashes every 40 seconds when the alarm is malfunctioning.

Contents of the package

- 1 × Sensor
- 1 × Mounting bracket
- 2 × Screws
- 2 × Wall plugs
- 1 × User manual

Safety Information



IMPORTANT

1. HAZARDS, WARNINGS, AND CAUTIONS CALL ATTENTION TO
IMPORTANT OPERATING INSTRUCTIONS OR POTENTIALLY HAZARDOUS
SITUATIONS. THEY SHOULD BE GIVEN SPECIAL ATTENTION.
2. THIS ALARM IS NOT INTENDED TO ALERT HEARING-IMPAIRED PERSONS. THE
USE OF ALCOHOL OR DRUGS MAY
ALSO IMPAIR THE ABILITY TO HEAR THE SMOKE ALARM.
3. FIRES IN CHIMNEYS, WALLS, ROOFS, AT DIFFERENT LEVELS, OR
BEHIND CLOSED DOORS MAY NOT BE DETECTED.
4. THIS DEVICE DOES NOT DETECT FLAMES, HEAT, CARBON MONOXIDE, OR

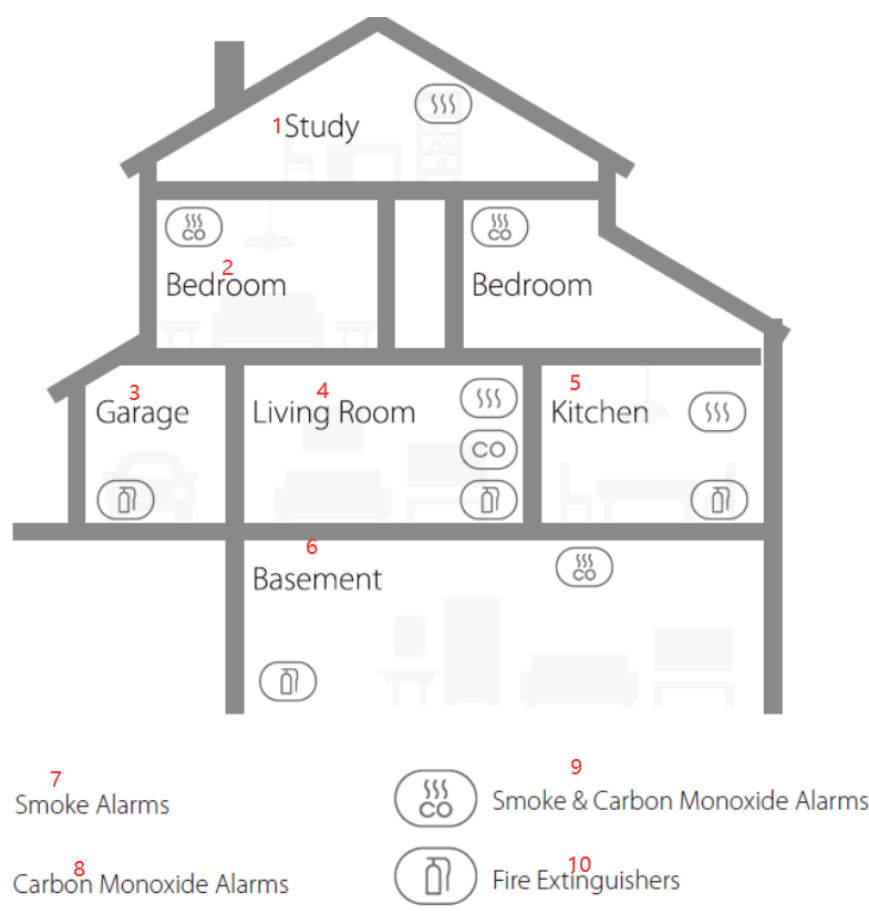
OTHER DANGEROUS GASES.

WARNING

1. NEVER IGNORE ANY ALARM. FAILURE TO RESPOND MAY RESULT IN SERIOUS INJURY OR DEATH.
2. THE SILENCE FEATURE IS FOR USER CONVENIENCE ONLY AND DOES NOT SOLVE THE PROBLEM. AFTER EVERY ALARM, ALWAYS CHECK THE HOME FOR POTENTIAL PROBLEMS. FAILURE TO DO SO MAY RESULT IN INJURY OR DEATH.
3. TEST THIS SMOKE DETECTOR ONCE A WEEK. IF THE ALARM EVER DOES NOT TEST PROPERLY, REPLACE IT IMMEDIATELY!

IF THE ALARM IS NOT WORKING PROPERLY, IT WILL NOT NOTIFY YOU OF A PROBLEM.

Installation Position



- ① Study Room
- ② Bedroom
- ③ Garage
- ④ Living Room
- ⑤ Kitchen
- ⑥ Basement
- ⑦ Smoke Alarms
- ⑧ Smoke and Carbon Monoxide Alarms
- ⑨ Carbon Monoxide Alarms
- ⑩ Fire Extinguishers

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

1. The priority is to install the smoke detector in the bedroom and hallways and ensure that it is audible from all sleeping areas. In a home with multiple bedrooms, install an alarm in each bedroom. If only one smoke detector is installed in the home,

it should be installed near all sleeping areas, not in the basement or utility room.

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

3. Smoke, heat, and anything that burns will spread horizontally after rising

to the ceiling, so the alarm should be installed in the center of the ceiling whenever possible.

Ensure that the alarm is installed a minimum distance from the corner.

4. If the alarm cannot be installed in the center of the ceiling, it should be installed at a distance of 20 inches (50 cm) from the corners of the room.

5. If the alarm is installed on the wall, it should be placed 10-30 cm (4-12

a distance of 20 inches (50 cm) from the corners of the room.

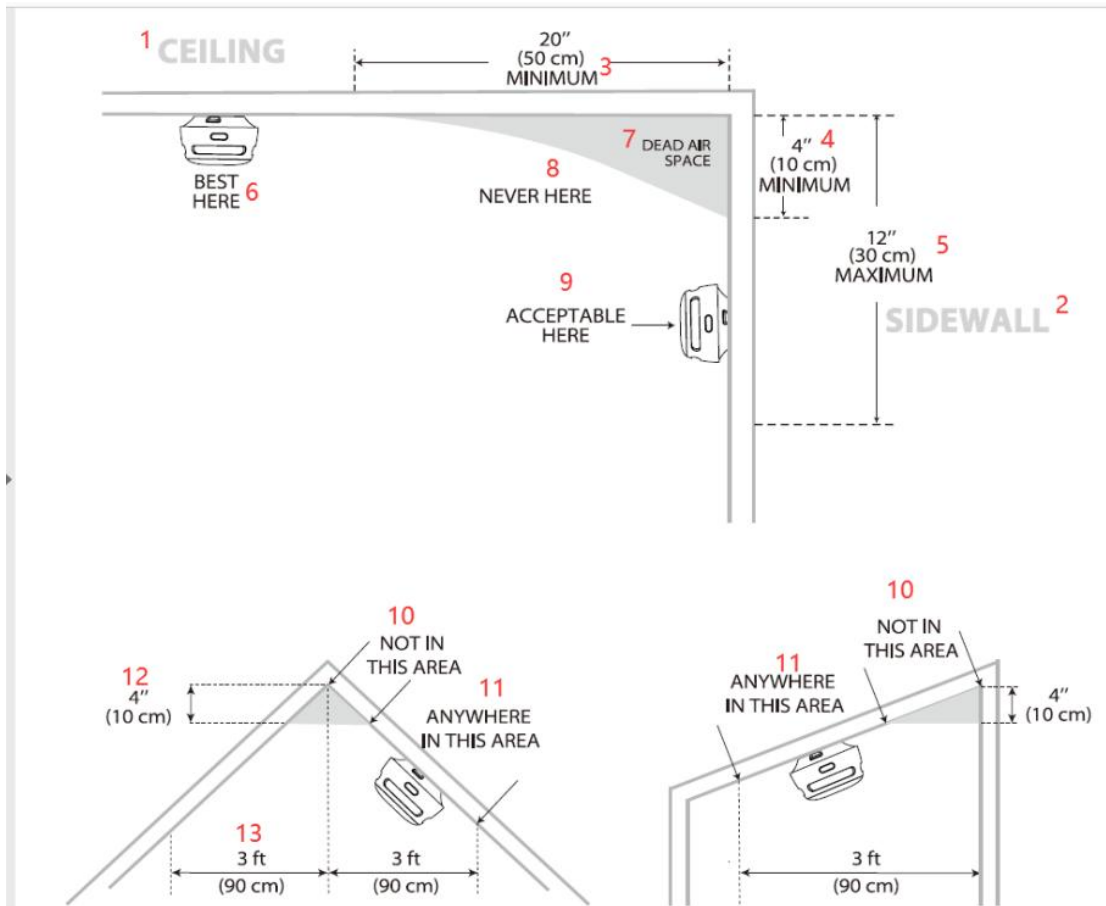
5. If the alarm is installed on the wall, a distance of 10-30 cm (4-12

inches) below the ceiling.

6. If the length of the room or hallway exceeds 900 cm (30 feet), multiple alarms should be installed in the same room.

7. If the wall or ceiling is sloped, the alarm should be installed at a distance of 90 cm (3

feet) from the highest point of the wall or ceiling (measured horizontally) in the room.



- ① CEILING
- ② SIDE WALL
- ③ MINIMUM 20" (50 cm)
- ④ MINIMUM 4" (10 cm)
- ⑤ 12" (30 cm) MAXIMUM
- ⑥ BEST HERE
- ⑦ DEAD AIR SPACE
- ⑧ NEVER HERE
- ⑨ ACCEPTABLE HERE
- ⑩ NOT IN THIS AREA
- ANYWHERE IN THIS AREA
- 4" (10 cm)
- 3 ft (90 cm)

WARNING

1. THIS ALARM SHOULD BE INSTALLED BY A COMPETENT PERSON.
2. ALARMS SHOULD NOT BE USED AS A SUBSTITUTE FOR PROPER INSTALLATION, USE, AND MAINTENANCE OF FUEL-BURNING DEVICES, INCLUDING PROPER VENTILATION AND EXHAUST

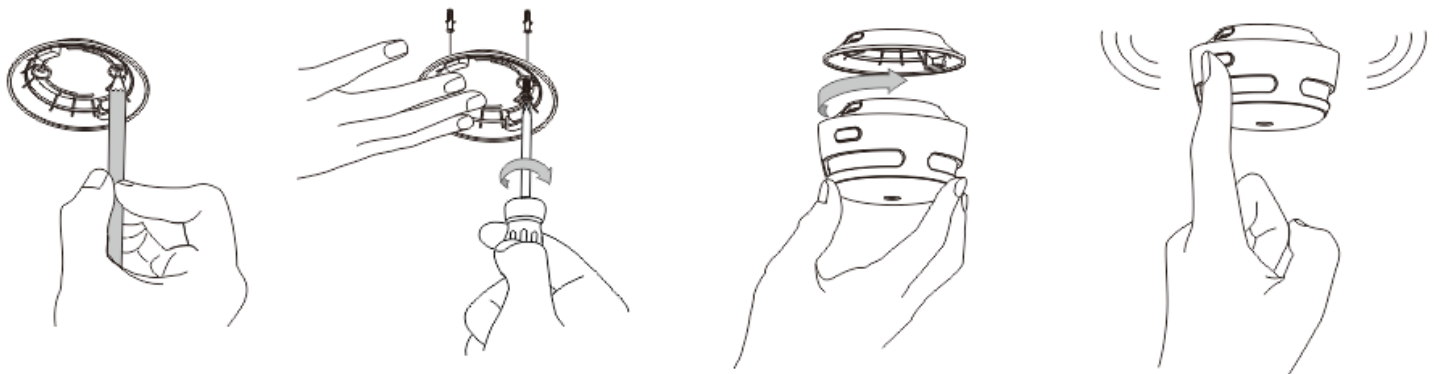
SYSTEMS.

3. TO PREVENT INJURY, THE DEVICE SHOULD BE SECURELY
ATTACHED TO THE CEILING OR WALL IN ACCORDANCE WITH THE
INSTALLATION INSTRUCTIONS.
4. BATTERIES SHOULD NOT BE EXPOSED TO EXCESSIVE
HEAT, SUCH AS DIRECT SUNLIGHT, FIRE, ETC.

Installation Method

1. Use the mounting bracket to mark the screw holes on the ceiling or wall.
2. Drill holes in 2 places using an appropriately sized drill bit. Insert the wall plugs and attach the mounting bracket using the supplied screws.
3. Attach the alarm to the mounting bracket and twist clockwise to lock it in place.
4. Test the smoke detector according to the steps described in the section below.

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Alarm Test

- The alarm must be properly attached to the mounting bracket before it can be tested.
1. Press the Test/Silence button.
 2. The device will emit 3 beeps.
 3. The red LED will flash 3 times every 4 seconds during the beep.
 4. After the test is complete, the alarm will automatically return to standby mode.
 4. After the test is completed, the alarm will automatically enter standby mode.

NOTE: The test function accurately tests the smoke detection circuit of the alarm without the need for a smoke test. If the smoke detector does not emit a test sound, you should immediately refer to the troubleshooting guide at the end of this manual. Never use open flame to test this device.

LED Indicator and Sound Alarm

Status LED Indicator Sound Alarm		
Standby Mode	Red LED flashes once every 60 seconds.	None
Test Mode Red LED flashes 3 times every 4 seconds.		3 loud beeps
Alarm Mode Red LED flashes 3 times every 4 seconds.		Short, rapid beeps
Silence Mode	Red LED flashes once every 5 seconds.	None
Low Battery	Red LED flashes once every 60 seconds.	1 beep every 60 seconds
Malfunction Red LED flashes twice 2 beeps every 40		

	every 40 seconds. seconds	
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Technical Specifications

Power Supply 10-year sealed lithium battery (non-replaceable)	
Sensor Type Photoelectric	
Safety Standards EN 14604:2005+AC:2008	
Coverage Area 215-430 sq. ft (20-40 m²)	
Operating Temperature 40-100°F (4.4-37.8°C)	
Relative Humidity during Operation	≤ 85% (non-condensing)
Alarm Volume ≥ 85 dB at 10 ft (3 m) @ 3.2 ± 0.3 kHz pulsing alarm	
Silence Duration Approximately 9 minutes	

NOTES

- Battery life is calculated based on nominal current values in standby mode with weekly testing. If the operating mode changes to alarm mode, battery life will be shortened accordingly.**
- 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.**

Maintenance

To keep the smoke detector in good condition, perform the following simple tasks:

1. Check that the alarm sound and device indicator are functioning properly by testing the device once a week.
2. The smoke detector should be cleaned at least once every 3 months: Remove the device from the ceiling and clean the alarm cover and ventilation openings with a vacuum cleaner equipped with a soft brush to remove dust and dirt.
3. Do not use detergents or other solvents to clean the device.
4. Avoid spraying air fresheners, hair sprays, or other aerosols near the alarm.
5. Do not paint the device. Paint will seal the ventilation openings and interfere with the sensor's ability to detect fire.
6. Never attempt to disassemble the device or clean its interior. This will void the warranty.
7. After removing the smoke detector, it should be placed back in the appropriate location as soon as possible to ensure continuous fire protection.
8. When using household cleaning agents or similar contaminants, the area should be ventilated.

Troubleshooting

PROBLEM SOLUTION	
Smoke alarm does not turn on during tests.	- Check if the alarm is properly attached to the mounting bracket. - Ensure that you pressed the Test/Silence button firmly.
False alarms triggered occasionally or when residents are cooking, showering, etc.	- Check the location of the smoke detector (see "Installation Location"). - Clean the smoke detector (see "Maintenance").
Red LED flashes, and the alarm emits 1 beep every 60 seconds.	Battery level is low. Replace the device immediately as the battery is sealed inside the device and cannot be replaced.
Red LED flashes, and the alarm emits 2 beeps every 40 seconds.	Alarm is malfunctioning. Clean the smoke detector and check if it operates normally. If not, replace the device immediately.

Manufacturer Information

X-Sense Innovations Co., Ltd.

Address: B4-503, Kexing Science Park, 15 Keyuan Road, Shenzhen, 518057, CHINA

Product Battery Specifications

Feature	Value
Product Code	ZASXS00154WEU
EAN Code	810194780257
Battery Category	General-purpose portable battery
Battery Type	Portable lithium batteries (other than button cells)
Contains Cadmium/Lead (>0.002% Cd, >0.004% Pb)	-
Net Weight (kg)	0.01656
Capacity (mAh)	1600
Power (kWh)	0.003

SIMPLIFIED EU DECLARATION OF CONFORMITY

X-Sense Innovations Co., Ltd. hereby declares that the type of radio device
[Smoke Detector X-Sense SD11] complies with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following
website: <https://files.innpro.pl/X-sense>

Manufacturer's Address: B4-503, Kexing Science Park, 15 Keyuan Road,
Shenzhen, 518057,
CHINA

Radio Frequency: 868.0-868.6 MHz

Maximum Radio Frequency Power: 15 dBm

ENVIRONMENTAL PROTECTION

 Waste electrical and electronic equipment marked in accordance with EU directives must not be disposed of together with other municipal waste. It is subject to selective collection and recycling at designated points. By ensuring its proper disposal, you prevent potential, negative consequences for the natural environment and human health. The waste collection system for used equipment complies with locally applicable environmental protection regulations regarding waste disposal. Detailed information on this topic can be obtained from the municipal office, cleaning facility, or store where the product was purchased.

The product meets the requirements of the so-called New Approach directives  of the European Union (EU), concerning issues related to user safety, health protection, and environmental protection, identifying hazards that should be detected and eliminated.

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