

JB-S09 User Manual

10-YEAR BATTERY SMOKE ALARM



Read the instruction manual before usage.

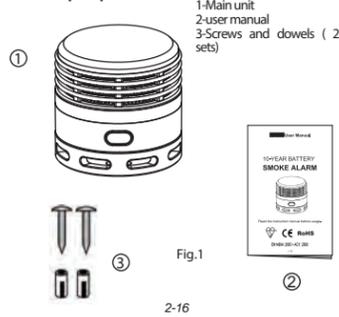


EN14604: 2005 + AC1: 2008

1. General

This is a smoke alarm device using the photoelectric principle. It's designed for detecting smoke in the air, while not for sensing heat, gas or flame. If the smoke alarm is properly mounted and maintained, it will be activated at the very start. The smoke alarm is designed to detect smoke, it can not prevent a fire. Please read the instruction manual carefully before you use this smoke alarm. The "device" hereinafter stands for "smoke alarm device".

2. Device & Spare parts



- 1-Main unit
- 2-user manual
- 3-Screws and dowels (2 sets)

Fig.1

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3. General gure

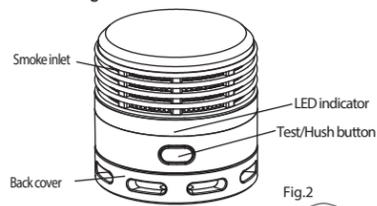


Fig.2

4. Power on

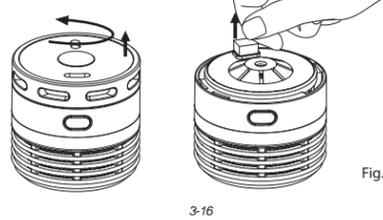


Fig.3

Unscrew the bottom cover, remove the small magnet, the power is switched on(Fig3).

CAUTION: built-in Lithium battery of product can not be replaced. Standby time is 10 years at normal use condition.

The device is energized and working if it's with LED indicator flashing and continuous Beep alarm sound by pressing the Test/Hush button.

Note: If the product is energized, put the small magnet back in place to switch into power off. (If there is no LED lights flashing and successive "Beep" alarm signal given when long press the Test/Hush button, it indicates the device is power off.)

5. Device specifications:

Dimension: $\Phi 45 \times 42$ mm
 Weight: 50g
 Operate Temperature: $0^{\circ}\text{C} - 50^{\circ}\text{C}$
 Working voltage: 3V
 Standby current: 7uA
 Humidity: 10%-90%
 Service environment: house supply
 Designed life: 10 year

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6. Mounting

The smoke alarm should be mounted in the following places:

- at least one in each room
- one on each floor, if the floor is too long, there shall be mounted two or more smoke alarms
- in the hallway, in the staircase
- in the living room
- in each bedroom
- in the storage room or spaces with electric equipment

The alarm may not be mounted in the following places:

- a room in which the temperature can drop below 0°C or rise above 50°C
- in damp rooms
- in front of doors or windows
- near a ventilator or radiator.

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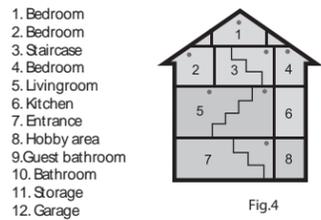


Fig.4

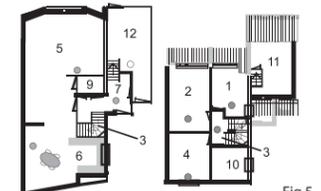


Fig.5

- Smoke alarm for minimal protection
- Smoke alarm for extra protection

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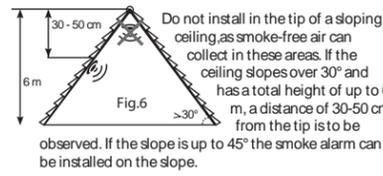


Fig.6

Do not install in the tip of a sloping ceiling, as smoke-free air can collect in these areas. If the ceiling slopes over 30° and has a total height of up to 6 m, a distance of 30-50 cm from the tip is to be observed. If the slope is up to 45° the smoke alarm can be installed on the slope.

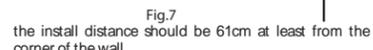


Fig.7

the install distance should be 61cm at least from the corner of the wall



Fig.8

Install at a distance of at least 50 cm from fluorescent light sources.

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To mount the smoke alarm, proceed as follows:

- Use the screws to fix the base plate in the place chosen. Pay attention to the figure above(Fig.4-Fig.8).
- Gently tighten the alarm onto the base plate.
- Mount the alarm in the centre of the ceiling of the room.
- Do not mount the alarm in a place which is difficult to reach.
- The smoke alarm may not be painted.

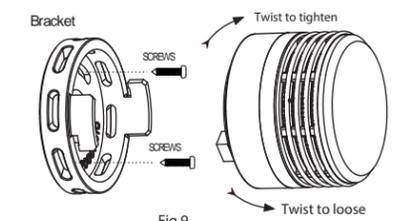


Fig.9

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7. Functionality

7.1 This device is capable of self-regulating to long term drift of photoelectric chamber to ensure long-time stability of the device

7.2 Standby mode



Fig.10

The device goes to standby mode once powered on, with the LED blinking once every 344 second

7.3 Test



Fig.11

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A long press of the "Test/Hush" button will give an audible alarm continuously "beep" and the LED will blink during the test. When the "Test/Hush" button is released, the audible and visible alarm stops, meanwhile the device goes to hush mode. Repeat the above steps to exit Hush mode.

7.4 Hush mode



Fig.12

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1. In the standby mode, press the "Test/Hush" button, the device enters hush mode.
2. In the state of alarm, press the "Test/Hush" button, the device enters hush mode.
3. The whole process of the hush mode lasts for 9 minutes.
4. In the hush mode, hold the "Test/Hush" button until acoustic alarm signal is emitted, the device exits the hush mode.

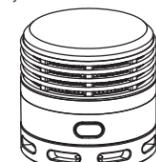
mode and returns to standby mode.

Attention:

1. No matter the mode, standby or alarm, press the "Test/Hush" button, to put the device in hush mode. LED indicator light flashes once every 10 seconds. Hold the "Test/Hush" button until acoustic alarm signal is emitted, the device exits the hush mode.
2. When the device is in standby mode or hush mode, please pay close attention to the LED flashing time interval, if LED flashing once every 10 seconds, it's in hush mode, while if LED flashing once every 344 seconds, it's in standby mode.
3. Whilst in hush mode, the device gives normal alarm when the smoke concentration in the ambience is more than 4 times of alarming value.

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7.5 Low battery



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Fig.13

When the device battery is low the alarm will ($2.4\text{V} \pm 0.1\text{V}$), sounds one "beep" every 43 seconds.

7.6 Malfunction or end-of-life



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Fig.14

When the device malfunctions or is to be end of life, it sounds continuously "beep" every 43 seconds.

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Please replace device under conditions of malfunction, end of life or low-battery warning.

8. Precautions for use

- Test weekly
- Do not paint
- Not use this device in dusty or smoky ambience.
- Both designed device lifetime and battery standby time (including test weekly) is 10 years. The battery service time decreases if it frequently sounds the alarm or the alarm is active for long durations.
- This device is not a device for fire rescue or fire prevention, but an alarm to warn and advice of escape or notify remain when there is a fire accident with smoke. Hence it's necessary to take precautions against fire, allocating like extinguisher, emergency ladders and fire blanket.
- User with hearing disorders who are not aware of an audible alarm, we recommend this kind of users wireless or wired interconnected smoke alarm with flash light indication.
- WE can never be made liable for loss and / or damage of

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whatever nature, including incidental and / or didn't use it according to the instruction and / or consequential loss, arising from the fact that the signal from the smoke alarm did not sound during smoke or fire.

IMPORTANT

When the device is alarming or on standby, pressing the "Test/Hush" button once, it goes to hush mode; Hold the "Test/Hush" button until acoustic alarm signal is emitted, the device exits the hush mode.

Placing a smoke alarm is a part of your fire protection, just as fire extinguishers, emergency ladders, ropes, but also your choice in the use of building materials for renovation. Always ensure that there is an evacuation plan, discuss this with your children. Ensure that each room can be left without opening the door, e.g. by the window. If there is any question as to the cause of an alarm, it should be assumed that the alarm is due to an actual fire and the dwelling evacuated immediately.

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CONTACT NUMBER: 0203 637 0856
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