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EN14604:2005/AC:2008

USER MANUAL

Independent photoelectric smoke detector

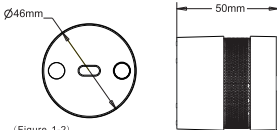
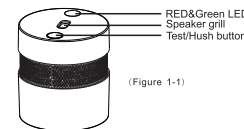
Thank you for purchasing our smoke alarm.
Please read this user manual carefully before using the product
and keep the manual as further use.

Product Specifications:

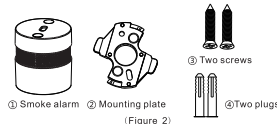
Model No.	LZ-1951 732185
Standard	EN14604:2005/AC:2008
Operating voltage	DC3V(incorporating non-replaceable battery, CR123A,10 years Battery life)
Standby current	≤ 5uA
Alarm current	≤ 120mA
Sensor type	photoelectric
Temperature	0°C ~ 40°C
Ambient humidity	≤ 95%R.H
Hush duration	8 ~ 10mins
LED indication	Red/Green LED flash
Alarm volume	≥ 85dB(A)at 3 meters.
N.W.	56g
Dimensions	Φ46*50.0mm
Installation way	Wall or ceiling mounting

Description:

The smoke alarms uses DC3V(CR123A) battery, incorporating non-replaceable battery, battery has 10 years life. With the photoelectric technology, our product can offer sound and light alarm signal in the early stage of the fire if properly installed and maintained, in that case you will have extra time to control the fire or to evacuate at once. This product is designed for household or similar residential application use.

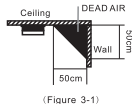


Product And Accessories:

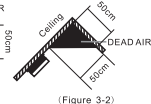


Recommended Locations for Smoke Alarms:

- Smoke alarm should be installed at the top of a high pointed ceiling as the smoke rising in the air.
- For flat ceiling, please refer to the position shown in Figure 3-1.
- For inclined ceiling, please refer to the position shown in Figure 3-2. (No installation in black DEAD AIR area.)



(Figure 3-1)



(Figure 3-2)

Locations to Avoid:

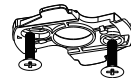
- There should be no shelter within 50cm of the alarm.
- Smoke alarm cannot be installed too close to the gas cooker. For the alarm performance will be decreased if burned by the gas cooker.

- Smoke alarm can not be installed in the kitchen so as to avoid false alarms caused by cooking fumes or the inlet air is plugged and affects the sensitivity of the alarm.
- Smoke alarm can not be installed in the places with high humidity such as bathroom and hot water stove.
- If the room is large, the distance between two alarms shall not exceed 10 meters.
- Do not locate the smoke alarm in areas where temperatures may fall below 0°C or rise above 40°C, or in humidity higher than 93% as these conditions may reduce battery life.

Installation Method:



- Take the mounting plate from the smoke alarm by turning it counterclockwise and lifting it away.



- Choosing the right installation placement.
- To drill 2 round holes(holes diameter:3.5mm) for two plugs.
- To install the mounting plate of the smoke alarm tightly to the ceiling or wall with two screws. (Distance between two holes is 27-30mm).



- Rotate the smoke alarm to the mounting plate, then the switch in the alarm is turned on and the alarm will be powered.



- Press the test button, the alarm will send out the sound and LED alarm.
- Installation is completed.

Note: Step 3 can be ignored if it is mounted on a wooden wall.

Alarm Quick Reference Guide:

Mode	LED signal	Audible signal	Indication
Normal	Red LED will flash once every 335 seconds.	No	indicate the smoke alarm is in the normal standby.

Test	Red LED will flash once every 0.5 seconds.	Repeat 3 long beeps every 4 seconds.	When user keep pressing the test button, smoke alarm will offer those signals which indicate alarm performs a self test. Note: After this step, smoke will enter hush mode, please press test button again to bring it back to normal mode.
Hush (A)	Red LED will flash once every 10.7 seconds.	No	In normal status,user can press the button until you see the red LED flashes and hear the alarm sound. Release the button, Smoke alarm will enter hush mode which last about 9 mins, in this way, Red LED will flash once every.

			10.7 seconds indicate the mode is activated. Note: The hush mode can be cancelled after 9 mins or user press the button again. The detectivity of smoke alarm will be reduced sharply in hush mode, pls don't use this function unless ensure your own safety.
Hush (B)	Red LED will flash once every 10.7 seconds.	No	In alarm status, press the button, smoke alarm is immediately reset out of alarm mode and the beep is silenced when the button is released. Smoke alarm will enter hush mode

			which last about 9 mins, in this way, Red LED will flash once every 10.7 seconds indicate the mode is activated.
Alarm	Red LED will flash once every 0.5 seconds.	Repeat 3 long beeps every 4 seconds.	Those signals indicate the smoke alarm detected smoke, pls take immediate action.(Ref. Emergency Handling)
Low Battery	No	Repeat 1 short beep every 43 seconds.	Smoke alarm repeat 1 short beep every 43 seconds indicate low battery status.

Local Alarm Memory	The green LED flashes three times every 43 seconds at 1.3 seconds intervals.	No	Smoke alarm will enter local alarm memory after exit alarm mode, in this mode, unit will offer signal as description. Users are able to identify the smoke alarm has offered alarm signal and take action in this way.
Exit Local Alarm Memory	No	No	User can check this mode through pressing the test button, smoke alarm will repeat short beep until release the test button.

Chamber Supervision	No	Repeat 3 short beeps every 43 seconds.	Smoke alarm will beeps if chamber assembly under abnormal condition (Say, chamber's IRED degradation).
End of life	No	Repeat 3 short beeps every 43 seconds.	After 10 years of operation, this signal will be given to indicate that smoke alarm should be replaced.

Maintainance:

- It is recommended to press the test button every week to check the smoke alarm works correctly.
- To ensure the sensitivity of the product, clean the surface of the alarm with soft brush every month.
- The smoke alarm is with fault detection function. When the smoke sensor is short circuited or disconnected, the alarm will automatically detect and

send a fault signal. For example the buzzer will make three "beep" sound every 43 seconds.

4.The alarm has the accumulating function of working time. When the alarm works for ten years, the alarm will automatically detect and send out the fault signal. The way of prompting is: the buzzer continuously make three "beep" sound every 43 seconds.

5.The alarm has alarm memory function. When smoke alarm is detected, the green LED will flash three times every 43 seconds. In alarm memory mode, you can press the test button anytime to quit this mode and the alarm will repeat short beep until release the test button. The green LED will not flash after 24 hours without pressing the test button.

6.Battery life: The smoke alarm contains 3V lithium battery(CR123A). Their lifetime is 10 years. When the battery is used up, the smoke alarm beep at intervals of 43 seconds for at least 30 days. If the battery is used up, replace smoke alarm as soon as possible.

▲Warning:
Lithium batteries can explode or cause burning if they are installed incorrectly. User is not recommended to replace batteries.
Separate the smoke alarm from the installation plate by turning it counterclockwise carefully.

Test the smoke alarm after cleaning it.
Do not paint or modify the smoke alarm!
Waste handling: The smoke alarm should be disposed in accordance with normal waste handling for electronics.

Trouble Shooting:

Problems	Cause	Shooting method
Press the test button at least 5 seconds, but no alarm signal.	1.The mounting bracket is not installed in place and electricity is unavailable. 2. alarm malfunction.	1.Smoke alarm should be completely rotated on the mounting bracket. 2. Smoke alarm can be exchanged by the seller within warranty period. But please replace the smoke alarm by yourself if it is out of Warranty.
Smoke alarm will repeat l	Low battery	Same as above point 2.

short beep every 43 seconds indicate low status.		
The buzzer continuously makes three "beep" sounds every 43 seconds	1.The smoke sensor is failure. 2.The alarm has been working for ten years.	Same as above point 2.

Product Guarantee:

Guarantee lasts for the number of years shown on the packaging, starting from the date of purchase. Keep the receipt – proof of purchase is required in order to rely on guarantee.

Emergency Handling:

Please take the following actions when there is a alarm caused by the smoke alarm:
1. For non fire alarm caused by smoking and others, please clear up the source of the smoke in time so as to

- remove the alarm.
- If the alarm sending a false alarm, check the installation position of the alarm correct or not.
- If there is a fire happened but not serious, try to take a fire extinguisher and put out the fire in time.
- If the fire burned fiercely, please escape by proper way and report to the police at once.

Note:

- It is safe to cover the sound output hole with your finger during the testing to minimize the sound level emitted.
- Do not paint the smoke detector.
- Don't spray air fresheners, hair gels, paint or other aerosols near the detector.
- Don't wipe the detector with chemical solvents for chemicals can damage or pollute the sensors.
- Please contact with the supplier for product failure when using. Don't disassemble and repair without permission, which may affect the warranty.
- This product can decrease the accidents happened. However it can not guarantee everything. For your safety, please strengthen safety awareness in addition to the correct use of the product. The product must be

maintained regularly according to the instructions.

7. This product must be maintained on a regular basis in accordance with the requirements of the instructions.

8. The first four numbers of the LOT No. on the label represent the production date, and the last six numbers represent the serial numbers.
(e.g. LOT No.:1807xxxxxx)
User should replace this product after 10 years use.