Space tronik

USER MANUAL

SMOKE DETECTOR
(WI-FI)

SL-DS03B

Contents

Thanks for choosing SL-DS03B household WiFi photoelectric smoke alarm. In order to ensure your personal and system safety and realize the best product performance, please read this manual carefully and completely before installing, using or repairing this device, and the Warnings and Notes in this manual should be paid special attention to.

1.Product Description

The SL-DS03B household WiFi photoelectric smoke alarm (alarm) detects fire by sensing smoke. When smoke in the room reaches a certain concentration, the alarm will send out sound and light warning alarm. This alarm is applicable for residential houses. Standard implemented: EN 14604:2005/AC:2008

2.Product Features

- Single-light source detection, free from false alarm due to dusts, insects or moisture.
- Professional maze design, quick sense of fire.
- App notification function, check battery level and operating status anytime.
- Fire-retardant plastic case with glossy surface treatment.
- Dismantle-free cover design for cleaning.
- Blind twist design +3M double-sided glue quick installation.

3.Technical Parameters

Model	SL-DS03B
Operating Voltage	DC 3V (CR123A)
Battery Capacity	1600mAh
Wireless Protocol	Wi-Fi
Frequency Range	2412 - 2472 GHz
Versions	802.11b/g/n
RF Conducted Power	11b:17 dBm 11g:15 dBm
11n:13 dBm
Average Quiescent Current	$<$9uA
Alarming Mode	Sound + light + App notice
Alarming Sound Level	≥85dB (at 3 m)
Operating Humidity	≤95%RH (non-condensation)
Battery Life	2 years (typical value)
Operating Temperature	-10 °C - +55 °C
Installation	Ceiling-mounted
(screwing or 3M gum)

Size (L*W*H)	76 mm * 76 mm * 28.5 mm
Standard	EN 14604:2005/AC:2008

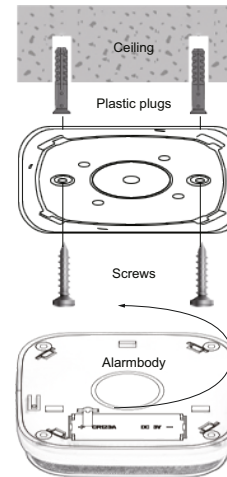## 4.Product Size and Installation

4.1 Product size

76mm   28.5mm   76mm

4.2 Installation method

- Place the mounting plate on the desired installation location and mark where the holes should be drilled.
- Drill two holes with a diameter of 4 millimetres.（The distance between them is 42 millimetres）

- Push the plastic plugs into the holes.
- Insert the screws into the mounting plate, and tighten them firmly into the plugs.
- Fasten the smoke alarm on the mounting plate by twisting clockwise.
- Fasten the smoke alarm when the holes on the mounting plate and smoke alarm are aligned.
- Press the test button to check whether the smoke alarm operation normally, the smoke alarm is abnormal and can not be used if no sound.
- Plastic plugs size:M4*20
- Screw size:M2.6*16

Ceiling
Plastic plugs
Screws
Alarmbody

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1. 3M gum to fix the baseplate onto the ceiling.

3M gum
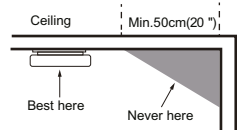
2. Mount the alarm onto the mounting plate.

3. Twist clockwise the alarm to lock the alarm onto the mounting plate.

Ceiling | Min.50cm(20")

Best here

Never here

Notes:

- The smoke alarm should be installed in the middle of the room ceiling;
- The smoke alarm should only be installed indoor and at least one alarm in each room;
- The smoke alarm should be at least 150cm away from lights, exhaust fan, air conditioner and air inlet/outlet;
- Do not install the alarm in bathroom or those places with water drops;

5.Wireless Connection Instruction

- 1) Power on the alarm(A beep sound after successful powered on) and long-press the test button and hold for more than 5 seconds, and the red LED indicator quickly flashes（EZ Mode）consecutively, then it means the alarm is under WiFi wireless matching mode; If you want to enter the "AP" mode, just press and hold the test button again. When the red LED indicator flashes slowly, it indicates entry the "AP" mode.

2) Open Tuya Smart or Smart Life app, click on the "+" icon under "My Home" menu or directly click on the "Add Device" to add your first device.
3) Please choose Security Sensor-Smoke Alarm-Smoke Alarm (WiFi) to enter WiFi networking interface.
4) Input WiFi account name and password, select "EZ mode" when the indicator flashes quickly, select "AP mode" when the indicator flashes slowly, and then click "next".
5) When networking is completed, the indicator will stop quick flashing, the device will appear on "My Home" interface. Meanwhile, the alarm can be pared with phone by bluetooth, just need to open the bluetooth on the phone.After the alarm get into paring mode, the APP will automatically scan the device for easy paring. The bluetooth can only be used for paring.

Note: Under networking mode, the red indicator flashes continuously and last for max 1 minute; If networking failed, users need to enter networking mode again and repeat above steps. After powered successfully, the device can only get into pairing mode within 2 hours. It needs to be powered again for operation if the time exceeds 2 hours.It is recommended to press the test button after removing the battery and then powering on the battery, A beep sound after successful powered again, so as to ensure that the product can be get into the paring mode.

6.Indicator States Instruction

6.1 Normal Operating State
Under normal operating state, the red indicator flashes once per 40 seconds.

6.2 Alarming State
When smoke concentration reaches alarming point, the red indicator flashes consecutively and the alarm sends out beeping alarm.

6.3 Testing State
Short-pressing the test button, the red indicator will flash consecutively, the alarm will send out three beeping sound, a period later, it will automatically stop.

6.4 Low Power Failure State
Under low power failure state, the red indicator flash oncemeanwhile beep once per 40 seconds.

6.5 Device Failure State
The red indicator flashes twice meanwhile beep twice per 40 seconds.

6.6 WiFi Pairing Mode
LED flash quickly in EZ mode. LED flash slowly in AP mode.

6.7 WiFi Networking fault State
The device will generate three "chirps" with the red LED flashes thrice every 40s when the device goes into WiFi netwoking fault state.

6.8 Hush State
When the alarm is at alarming state, users can short-press the test button to make the alarm enter hush state, then the alarm will not send out sound alarm, 9 minutes later, if the smoke concentration is still above the alarming point, the alarm will send out sound and light alarm again.

Notes: The hush state will not mitigate the fire risk. When any alarm is initiated, please do check your house for any potential fire risk. Please handle the used battery properly to avoid environmental pollution.

6.9 Cellphone Version Requirement
For android system, it support 5.0 version minimum. for Iphone(IOS), it support at least 9.0 version, if the APP version ≥ 3.20.0 needs IOS verison≥10.0.

7.Trouble Shooting

Failure	Possible Reason(s)	Measure(s)
Alarm immediately upon power on	A lot of smoke indoor	Power on the device again after smoke removed
	Internal circuit damaged	Return the device for repair
The red indicator flash once meanwhile beep once per 40seconds after powered on	Low battery voltage	Replace one battery of same model

The red indicator flashes twice meanwhile beep twice per 40 seconds after powered on	Internal circuit damaged	Return the device for repair
The red indicator flashes three times meanwhile beep three times per 40 seconds	WiFi networking fault	Check whether the router work properly. Check whether the WiFi signal is stable at the location of the device
No alarm when testing	Battery installed incorrectly	Check and install the battery again (pay attention to polarity)
	Low battery voltage	Replace one battery of same model
	Internal circuit damaged	Return the device for repair
No sound or low sound of buzzer	Low battery voltage	Replace one battery of same model
	Buzzer misplaced	Return the device for repair

8.Care and maintenance
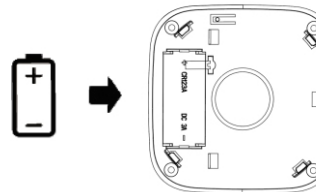1.After the alarm is installed and put into use, press the test button to test the detector every week .
2.Clear smoke alarms: clean the smoke alarms at least once a year to keep them clean from the accumulated dust.

Caution:
Please do not smear your smoke alarm with paint, coating etc, which may obstruct the smoke inlet to affect the alarm work normally. Do not use solvents or detergents to clean your smoke alarm. The solvents or detergents permeate the alarm may lead to sensor mishaps or circuit damage, can clean with cotton cloth or sponge.

9.Battery Replacement

When the alarm displays the battery low-voltage fault, please replace the battery of same model in time, press the test button after replacing the battery, the alarm will send out the sound and light for the successful replacement.

1. Detach the smoke alarm from the mounting plate by twisting counterclockwise.
2. Replace the battery with an new battery, please match the correct polarity marking.
3. Press the button to test the alarm, then lock the alarm onto the mounting plate by twisting clockwise.

10.Contact us
Thanks for choosing our smoke alarm. This smoke alarm is under our company warranty. For any quality issue or device failure, please contact us. We are dedicated in providing excellent service and quick response!

Hereby Spacetronik Sp. z o.o. declares under its sole responsibility that the product SL-DS03B is in conformity with following directives: RED (2014/53/EU), RoHS (2011/65/EU + 2015/863/EU). Full document (declaration of conformity) is available for download from the website www.spacetronik.store.
The WEEE symbol (the crossed-out wheeled bin) using indicates that this product is not home waste. Appropriate waste management aids in avoiding consequences which are harmful for people and environment and result from dangerous materials used in the device, as well as improper storage and processing. Segregated household waste collection aids recycle materials and components of which the device was made. In order to get detailed information about recycling this product please contact your retailer or a local authority.

Made in P.R.C. for:
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info@spacetronik.store
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RoHS
MADE IN P.R.C.

CE

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