

PRODUCT SPECIFICATION



CO & Smoke

User Guide for Carbon Monoxide and Smoke Combo Detector

A. PRODUCT INTRODUCTION

The product is a smart carbon monoxide and smoke combo detector, adopts microprocessor control, the electrochemical carbon monoxide sensor is stable and reliable with low current consumption and small sensitivity drift. mainly well used in the place of carbon monoxide gas leakage and fire place, well guarantee personal safety.

B. PRODUCT FEATURES

- High accurate electrochemical sensor and infrared photoelectric sensor
- LCD display concentration PPM
- 3*1.5V AA battery supply
- Ultra-long standby time, low current consumption
- Low-battery warning
- Alarm memory function
- Alarming pause(Hush Mode)
- Sound & Flash Alarm & LED indicating Alarm
- SMT manufacture technology, reliable stability

C. PRODUCT APPEARANCE

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D. INSTRUCTIOS

1. FIRST START

Insert 3 pieces 1.5V AA battery to the detector, the buzzer will make a sound "di", the detector starting preheating, It will display 2 minutes counting when the detector is in starting-up.

2. BUTTON

Press "TEST" button, LCD display "CO 0ppm", and then smoke "0.00db/m", LED flickering and the detector will sound continuous alarm.

3. PEAK RECORD

Press "TEST" button, check alarm concentration, long press "TEST" button for more than 10 seconds again for clean up.

4. INDICATION LIGHT

Under the normal standby situation, the green light flashes one time at every 35 seconds.

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5. LOW BATTERY WARNING

When the battery capacity is low, the red light flashes one time at every 10 seconds, and the LCD display "Lb".

6. ALARM

When the unit detect the carbon monoxide gas concentrations more than 300 PPM, it will alarming in 3 minutes, and the buzzer will make sound "di" four times at every 5 seconds, the red light flashes, and continue alarm. please immediately turn off the valve, open the windows and doors, then call your emergency service. If there is a fire, when the unit detect the smoke concentration over than 0.1%db/m, it will alarming, the blue light flash rapidly and the buzzer continue alarm.

7. ALARM PAUSE (Hush mode)

Silence your detector by immediately pressing the test button when non-emergency, causes nuisance alarms, The LED circle flashing to remind you that the detector has been silenced. LED light flash once every 10 seconds that alarm had entered the silent mode (In silent mode, press the button, the buzzer alarming, at the same time, the red light cycle flash mute off). The alarm will automatically reset after 10 minutes.

E. INSTALLATION

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a.) Installation instructions

1. For maximum protection we suggest an alarm be installed on each level of a multilevel home including every bedroom, hallways, finished attics and basements or in the car. Put alarm at both ends of bedroom hallway or large room if hallway or room is more than 30ft. (9.1m) long. If you have only one alarm, ensure it is placed in the hallway outside of the main sleeping area, or in the main bedroom. Verify the alarm can be heard in all sleeping areas.

2. Since the carbon monoxide gas is lighter than the air, choosing the suitable position that's installation height from floor, 0.3-1.0m.

3. Avoid installing the detector close to the following sources of interference: direct air flow from vents, exhaust fans, doors, windows, sources of steam, oil vapor, etc.

b.) The places not suit for installation

1. The places always have stagnating smoke;
2. The places with greater than 95% humidity;
3. The places with heavy dust, heavy water mist, heavy oil mist;
4. The places with high wind speed. (>5m/s)

F. OPERATION INSTRUCTIOS

1. Insert the battery into the battery cabinet, refer to the right positive and negative signal, keeping the battery power supply.

2. Choose a suitable place, normally install to the centre ceiling of the space, use the screw to nail the back plate of the detector to the place you chose.

3. Smoke detectors protection area: when space height is from 6 meters to 12 meters, the protection area of one detector is 80 square meters for the general protection; Space height is 6 meters, protection area will be 60 square meters.

G. TECHNICAL PARAMETER

Power supply: 3*1.5v AA battery

Static current: <20uA

Alarm current: <50mA

Sensor: electrochemical carbon monoxide sensor and Infrared photoelectric sensor

Temperature: 0°C-50°C

Relative Humidity: 10-95%

Carbon monoxide sensor detect concentration: 000-999 PPM

Smoke sensor sensitive: 0.1%db/m-9.9%db/m

Alarm indication: LCD display, Light/sound prompt

Battery capacity: low battery alarm

Dimensions: 104*39mm

H. NOTICE

1. The detector is easy to be effected by the sharp pounding and shock in transit or installation, lead to not work.
2. This is a carbon monoxide and smoke combo detector, can not detect the combustible gas (such as liquefied petroleum gas, natural gas, methane, etc.).
3. Scheduled maintenance: surface cleaning per month, specialist inspection per half year.
4. Do not use the detergent to clean the detector, this will damage the detector.
5. Do not spray any sprays such as air freshener, hair spray, etc.
6. This product is only used to reduce the accident, cannot make sure everytime. Except use our detector in right way, please also pay more attention in your daily life and strengthen safety and security conciousness.

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