

Gas & CO Detector

4. All wires installation must accord with the national and local effective laws and criteria. The wires must have the suitable size and colorful marks for avoiding connecting error. And unsuitable connection of wires will result in the alarm error while gas leaking happened.

F. TECHNICAL PARAMETER

1. AC voltage: AC 90V-240V 50-60Hz
2. Battery voltage: 9V rechargeable battery (optional)
3. Working temperature: 0-50°C
4. Environment Humidity: 10%-95%
5. Alarm concentration displaying:
carbon monoxide gas: 30PPM~999PPM
combustible gas: 5%~20% LEL ±3%LEL (2500PPM~ 10,000PPM±1, 500PPM)
6. Alarm : human voice prompt and siren alarm
7. Size: 112×73×42MM

G. NOTICE

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

PRODUCT SPECIFICATION



Gas & CO Detector

User Guide for Carbon Monoxide and Combustible Gas Combo Detector

A. PRODUCT INTRODUCTION

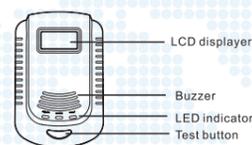
The product is a smart carbon monoxide and combustible gas combo detector with voice prompt, insert the voice chip, microprocessor control, supports displaying of the gas concentration. This product is used to detect both the toxic carbon monoxide gas and combustible gas (such as liquefied petroleum gas, natural gas, methane, etc). When trigger the detector, it will alarm with build-in siren. This detector adopts catalytic combustion method sensor and electrochemical sensor which is stable and reliable.

B. PRODUCT FEATURE

- Human voice prompt
- High reliable catalytic combustion method
- Gas concentration displaying (PPM)
- Power supply from AC 90V-240V or 9V rechargeable battery
- Intelligent microprocessor control
- Auto detect sensor failure

C. PRODUCT APPEARANCE

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Indicator light
Display screen
Test button
Alarm siren

D. OPERATION INSTRUCTION

1. FIRST START

Connect the detector to 90V-240V power, then will light up the indicator light and voice prompt as "Welcome to use voice gas and carbon monoxide compound detector, for preheating". It will display 3 minutes counting when the gas detector is in starting-up.

2. CONCENTRATION DISPLAYING

The LCD screen will display the concentration when carbon monoxide gas over 30 PPM or combustible gas over 5% LEL (lower explosive limit, equal to 2500PPM) . When carbon monoxide gas over 1000PPM or combustible gas over 20% LEL (equal to 10,000PPM), the LCD screen will display "HHH", means the concentration is over 999PPM.

3. ALARM

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CO-EN50291:
50PPM, within 60 to 90 minutes
100PPM, within 10 to 40 minutes
300PPM, within 3 minutes
400PPM, immediately

When the carbon monoxide concentration is above situation, detector will alarm and voice reminding: "attention please, carbon monoxide gas leaking, please open the window and the door."

When the combustible gas concentration is over 5%LEL (equal to 2500PPM) , this detector will alarm and voice reminding: "attention please, gas leaking". At the same time, the LCD screen will show the concentration.

4. DETECTOR FAULT

When the detector is in fault, the screen will display "FAIL" and the yellow indication light will light up.

5. ALARM IN PROCESSING

When the concentration of carbon monoxide gas or combustible gas in the air reach or over alarm standard, the detector will go into the alarm status, you'd better do as below:

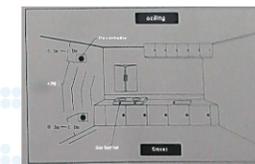
- 1). turn off the valve immediately ;
- 2). Open the door and the window for air circulation;
- 3). Call your emergency services, if it's a false alarm, please check if your installation place of this detector is suitable or not.

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E. INSTALLATION

1. Please confirm the induced gas is heavier than air, or lighter than air, the gas is heavier than air: LPG etc, the gas is lighter than air: natural gas, marsh gas and etc.

2. Choosing the suitable position to install the Detector according to the gas specific gravity. Detecting the gas heavier than air: Installation height from floor, 0.3-1.0m, semi-diameter to gas source<1.5m; Detecting the gas lighter than air: Installation height from ceiling, 0.3-1.0m, semi-diameter to gas source<1.5m



ceiling
Gas detector
<3M
Gas burner
Ground

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