JSN-997

Generic Portable Carbon Monoxide Detector (Model JSN-997) User Manual

Model: JSN-997

1. INTRODUCTION

This manual provides important information regarding the installation, operation, and maintenance of your Generic Portable Carbon Monoxide Detector, Model JSN-997. This device is designed to detect carbon monoxide (CO) gas and alert you to potentially dangerous levels, helping to protect your family from the invisible threat of CO poisoning. Please read this manual thoroughly before using the detector and retain it for future reference.

2. SAFETY INFORMATION

Carbon monoxide (CO) is a colorless, odorless, and tasteless gas that can be fatal. This detector is designed to alert you to the presence of CO. However, it is not a substitute for proper maintenance of fuel-burning appliances or ventilation systems.
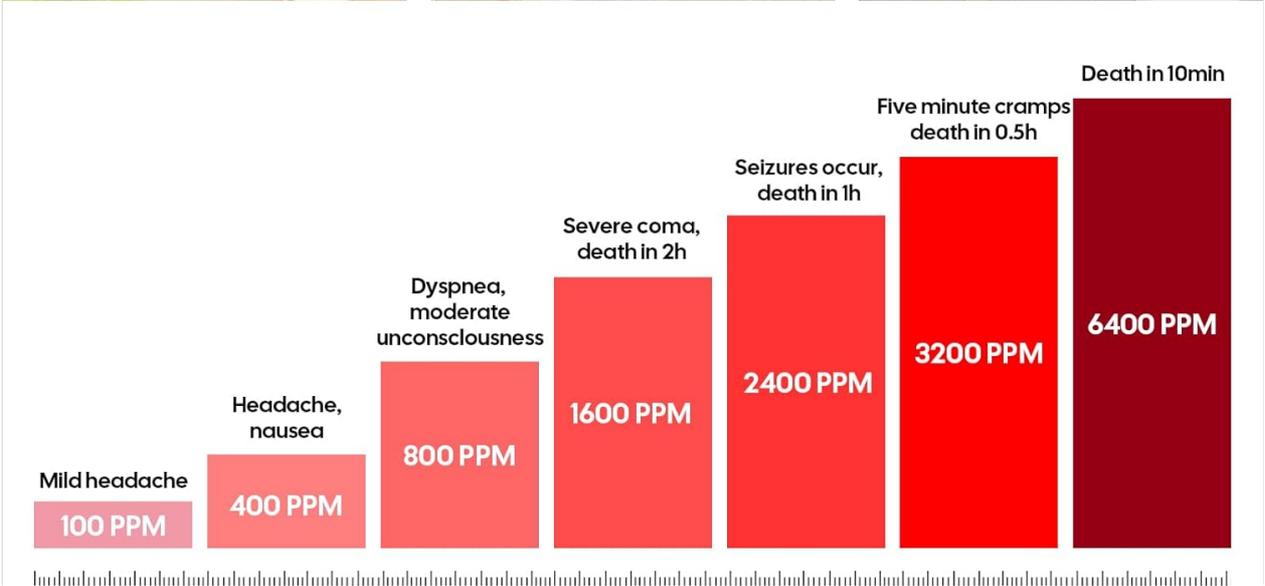
Important Safety Warnings:

- **UL 2034 Compliance:** This carbon monoxide alarm is rigorously tested and certified to meet UL 2034 standards for reliable detection.
- **Do Not Obstruct:** Ensure the detector's vents are not blocked by furniture, curtains, or other objects.
- **Testing:** Do not use gas or any other substance to directly blow into the detector's sensing hole when testing. Use the designated test button.
- **Alarm Response:** If the alarm sounds, immediately move to fresh air, call emergency services, and do not re-enter the premises until it has been deemed safe by professionals.

Understanding CO Dangers:

Carbon monoxide exposure can lead to various health effects depending on concentration and exposure time. The detector is programmed to alarm at specific CO levels and durations:

Do you know the dangers of carbon monoxide?

This image illustrates the CO concentration levels and the corresponding timeframes within which the alarm will be triggered.

Top or Side Mounting Recommended

this is our
happy place

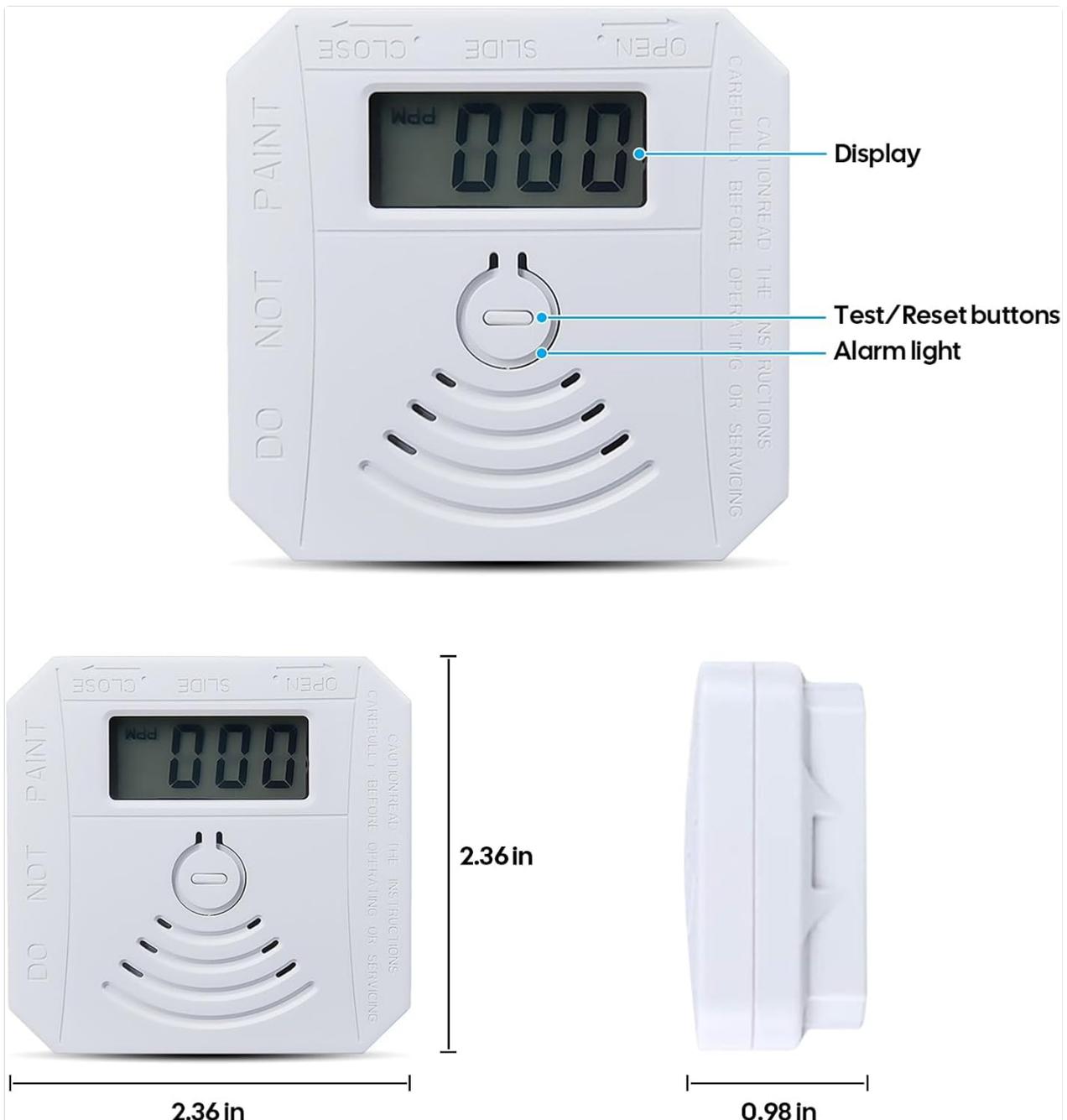| Compact Design | Sensitive Detection | Carbon Monoxide Detection | 85 dB Alarm | Electrochemical Sensor | Intelligent Chipset |

This infographic highlights the potential health effects of carbon monoxide exposure at various concentrations.

3. PRODUCT FEATURES

- **Advanced Electrochemical Sensor:** Ensures accurate and reliable CO level monitoring.
- **LCD Digital Display:** Shows real-time CO concentration (PPM) and temperature.
- **Loud Audible Alarm:** 85-decibel alarm activates upon detection of dangerous CO levels.
- **Visual Alerts:** Flashing LED lights accompany the audible alarm.
- **Test/Reset Button:** Easy operation for testing the alarm and resetting it.
- **Battery Powered:** Operates on 2 x 1.5V AAA batteries (not included), ensuring continuous monitoring even during power outages.
- **Portable and Compact Design:** Allows for flexible installation anywhere in your home or office.
- **UL 2034 Certified:** Meets high safety standards for carbon monoxide alarms.
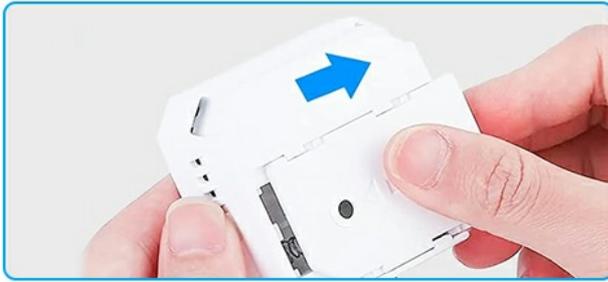
Display

Test/Reset buttons

Alarm light

2.36 in

2.36 in

0.98 in

This image highlights the display, test/reset button, and alarm light on the detector.

4. SETUP AND INSTALLATION

Battery Installation:

1. Unscrew the battery cover located on the back of the detector.

2. Insert 2 x 1.5V AAA batteries (not included), ensuring correct polarity (+ and -).

3. Replace the battery cover and secure it.

1. Unscrew the battery cover.

2. Insert 2xAAA batteries(not included), please note the "+"and "-" poles.

POWER

ALARM

FAULT

3. The red/green/yellow light will flashs in turn and enter the33-second countdown. and when it drops to 1 second, the display goes out.

4. Press the test button, the screen lights up, red light flashes and alarms. Test completed.The screen goes off, green light flashes (every 30S).

This image illustrates the battery installation process and the initial power-up sequence.

Initial Power-Up:

After battery installation, the detector will perform a self-test. The red, green, and yellow lights will flash in sequence, followed by a 33-second countdown. The display will then go out, indicating the device is ready for operation.

Recommended Placement:

For optimal protection, it is recommended to install a CO detector on each level of your home and in each bedroom. Consider placing detectors near sleeping areas and areas where fuel-burning appliances are located. The detector can be mounted on a wall or placed on a flat surface.

1. Unscrew the battery cover.

2. Insert 2xAAA batteries(not included), please note the "+"and "-" poles.

POWER

ALARM

FAULT

3. The red/green/yellow light will flashs in turn and enter the33-second countdown. and when it drops to 1 second, the display goes out.

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This image shows recommended top or side mounting and highlights key features.

PROTECT EVERY CORNER OF THE HOME

This image demonstrates the versatility of placement to protect every corner of the home.

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5. OPERATING INSTRUCTIONS

Normal Operation:

During normal operation, the detector continuously monitors CO levels. The LCD digital display will show the current CO concentration in parts per million (PPM) or temperature. A green light will flash approximately every 30 seconds to indicate proper functioning.

Testing the Detector:

Regular testing ensures your detector is functioning correctly. Press the Test/Reset button firmly. The screen will light up, the red light will flash, and the alarm will sound. This confirms the alarm and display are working. The screen will then go off, and the green light will resume flashing every 30 seconds.

Press the test button to verify alarm functionality.

Alarm Indicators:

The detector uses visual indicators to communicate its status:

- **Green Light:** Indicates power and normal operation.
- **Red Light:** Indicates a CO alarm condition.
- **Yellow Light:** Indicates a fault or low battery condition.

Visual indicators for Power, Alarm, and Fault status.

6. MAINTENANCE

Regular Testing:

Test your CO detector weekly by pressing the Test/Reset button to ensure the alarm and display are functioning correctly.

Battery Replacement:

When the batteries are low, the yellow fault light may illuminate, and the detector might emit a chirp. Replace both AAA batteries promptly following the instructions in Section 4.1.

Cleaning:

Gently clean the exterior of the detector with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Do not paint the detector, as this can interfere with the sensor's operation.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm sounds continuously or intermittently.	High CO concentration detected.	Immediately move to fresh air. Call emergency services. Do not re-enter until safe.
Yellow light flashes or detector chirps.	Low battery.	Replace both 1.5V AAA batteries.
Yellow light flashes continuously (no chirp).	Sensor fault or device malfunction.	Press the Test/Reset button. If the fault persists, the unit may need replacement.
No display or lights.	No power or dead batteries.	Ensure batteries are correctly installed and fully charged. Replace if necessary.

8. SPECIFICATIONS

- **Model Number:** JSN-997
- **Brand:** Generic
- **Style:** CO Detector Alarm
- **Power Source:** 2 x 1.5V AAA Batteries (not included)
- **Alarm:** Audible (85 dB)
- **Material:** High-grade ABS material
- **Product Dimensions:** 0.98"D x 2.36"W x 2.36"H
- **Item Weight:** Approximately 4.8 ounces (0.3 Pounds)
- **Manufacturer:** Shenzhen Lidingfeng Technology CO., Ltd

360-Degree Monitoring with No Blind Spots

Protect the gas safety of home environment

This image provides the physical dimensions of the detector.

9. WARRANTY AND SUPPORT

Specific warranty information for this Generic product (Model JSN-997) is not provided in the product details. For warranty inquiries or technical support, please contact the seller or the manufacturer, Shenzhen Lidingfeng Technology CO., Ltd, directly through your purchase platform or their official contact channels.