Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

WESHLGD KH106

WESHLGD KH106 3-in-1 Carbon Monoxide Detector User Manual

Introduction

This manual provides essential information for the safe and effective use of your WESHLGD KH106 3-in-1 Carbon Monoxide Detector. This device is designed to monitor carbon monoxide (CO) levels, temperature, and humidity, offering crucial protection for your home and family. Please read these instructions thoroughly before installation and keep them for future reference.

Product Features

- **3-in-1 Detection:** Monitors Carbon Monoxide (0 to 1000 PPM), Temperature (1 to 176 °F), and Humidity (0% to 95% RH).
- **High Accuracy Sensor:** Utilizes an imported Electrochemical Sensor for reliable and responsive detection.
- **Voice and Light Alarm:** Activates when CO concentration exceeds 150 PPM, providing clear audible and visual alerts.
- **Easy Installation:** Simple plug-and-play design for quick setup.
- **Compact Design:** Portable and lightweight with a large, clear LCD display for easy reading, even at night.

Setup and Installation

The WESHLGD KH106 Carbon Monoxide Detector is designed for easy plug-and-play installation. Follow these steps to set up your device:

1. **Unpack the Device:** Carefully remove the detector from its packaging.
2. **Remove Protective Film:** Before use, gently peel off the protective film from the LCD screen. Scratches may appear on the film, not the screen itself.



Image: A hand removing the protective film from the detector's display screen.

3. **Choose a Location:** Install the alarm in a bedroom, living area, kitchen, or any area where you suspect carbon monoxide may leak. It is recommended to install an alarm on each floor of a multi-story building. Ensure the alarm is placed where you can hear it in every sleeping place.
4. **Avoid Improper Locations:** DO NOT install the alarm in dirty, dusty, or greasy places, such as kitchens, garages, and furnace rooms. Grease, dust, or household chemicals can pollute or stick to the sensor, making the alarm unable to work normally.
5. **Plug In:** Insert the detector directly into a standard AC wall outlet. The device will automatically power on and begin its self-calibration process.



Image: Back view of the detector highlighting the AC plug for wall outlet insertion.

6. **Initial Countdown:** Upon plugging in, the device will display a countdown as it initializes and calibrates. This process typically takes 10-30 seconds.
7. **Ready for Use:** Once the countdown is complete, the LCD will display current CO levels (0 PPM if clear),

temperature, and humidity. The green "POWER" light will be on, indicating normal operation.

Operating Instructions

Your WESHLGD KH106 detector continuously monitors the air for carbon monoxide, temperature, and humidity. Here's how to understand and interact with your device:

LCD Display

The clear LCD display shows three key readings:

- **CO Concentration:** Displays carbon monoxide levels in Parts Per Million (PPM). A reading of "0 PPM" indicates no detectable CO.
- **Temperature:** Shows the ambient temperature in Fahrenheit (°F).
- **Humidity:** Displays the relative humidity (RH%) of the environment.



Image: Front view of the detector displaying CO concentration, temperature, and humidity. It also shows the Power, Fault, and Alarm indicator lights.

Indicator Lights

- **Green (POWER):** Always on during normal operation, indicating the device is powered and functioning.
- **Yellow (FAULT):** Illuminates if there is a fault or malfunction with the device.
- **Red (ALARM):** Flashes when carbon monoxide levels reach dangerous concentrations, accompanied by an audible alarm.

Self-Test Function

It is recommended to test the alarm regularly to ensure proper functionality:

1. **Press "SELF-TEST":** Locate and press the "SELF-TEST" button on the device.
2. **Alarm Activation:** The alarm will sound, and the red and yellow indicator lights will flash. The LCD will display "0PPM" during the test. This confirms the alarm is working correctly.

Safety Information and Alarm Response

Carbon monoxide (CO) is a colorless, odorless, and tasteless gas that can be fatal. It is produced by the incomplete combustion of fuels such as natural gas, propane, oil, kerosene, wood, or charcoal. Understanding the risks and knowing how to respond to an alarm is crucial.

Symptoms of CO Poisoning

The symptoms of CO poisoning can vary depending on the concentration and duration of exposure. Note that the symptoms listed below are for healthy adults and may differ for high-risk and vulnerable individuals.

CO Concentration (PPM)	Symptoms / Effects
200 PPM	Slight headache, fatigue, dizziness, and nausea after 2-3 hours.
400 PPM	Pain of forehead in 1-2 hour(s). Life is threatened after 3 hours.
800 PPM	Dizziness, nausea, and spasm within 45 minutes. Loss of perception in 2 hours. Death in 2-3 hours.
1600 PPM	Headache, dizziness, and nausea in 20 minutes. Death in 1 hour.
3200 PPM	Headache, dizziness, and nausea in 5-10 minutes. Death in 25-30 minutes.
6400 PPM	Headache, dizziness, and nausea in 1-2 minute(s). Death in 10-15 minutes.
12800 PPM	Death in 1-3 minute(s).

Table: Symptoms of CO poisoning at various concentrations and exposure times.

What to Do When the Alarm Sounds

1. **Turn off Gas Appliances:** Immediately turn off all gas appliances and cut off the gas supply system.
2. **Ventilate:** Immediately go into fresh air - outdoors or open doors and windows. Count the number of people present to ensure all individuals enter the indoors again until the alarm returns to normal.
3. **Seek Professional Help:** If the alarm continues to sound after 24 hours, repeat steps 1 and 2, then call qualified technicians to investigate the carbon monoxide source.

Maintenance

To ensure your WESHLGD KH106 Carbon Monoxide Detector functions optimally, regular maintenance is recommended:

- **Clean the Surface:** The surface of the alarm should be vacuumed once a month to prevent dust accumulation. DO NOT wipe the alarm with detergent or solvent, as chemicals can permanently damage or temporarily contaminate the sensor.
- **Avoid Sprays:** Do not spray air freshener, hair gel, paint, or other aerosols near the alarm.
- **Regular Testing:** Perform the self-test function weekly to confirm the alarm is operational.

Troubleshooting

If your WESHLGD KH106 Carbon Monoxide Detector is not functioning as expected, consider the following:

- **No Display/No Power:** Ensure the device is securely plugged into a working AC outlet. Check if the outlet has

power.

- **Yellow "FAULT" Light:** If the yellow light is on, it indicates a device malfunction. Try unplugging and re-plugging the device. If the fault persists, contact customer support.
- **Alarm Sounds (Red Light Flashes):** This indicates detected carbon monoxide. Follow the "What to Do When the Alarm Sounds" instructions immediately.
- **False Alarms:** Ensure the device is not installed in areas with high dust, grease, or chemical fumes, which can trigger false alarms. Relocate the device if necessary.

Specifications

Feature	Detail
Brand	WESHLGD
Model Number	KH106
Power Source	AC Plug-in (110-220V, 50-60Hz)
Sensor Type	Electrochemical
CO Detection Range	0-1000 PPM
CO Alarm Concentration	150 PPM
Temperature Range	1-176 ℉ (Accuracy ±3℉)
Humidity Range	0-95% RH (Accuracy ±5%)
Alarm Type	Voice Alarm
Operating Temperature	-25℃ to +55℃
Operating Humidity	≤95% RH (no condensation)
Dimensions	4.69 x 2.05 x 1.93 inches
Item Weight	9.4 ounces
Material	ABS

Warranty and Support

WESHLGD offers a worry-free after-service policy, including unconditional returns and exchanges within 180 days of purchase. If you have any questions or require assistance, please contact us via email. We are committed to helping you resolve any issues.

For further support, please refer to the contact information provided with your product packaging or on the official WESHLGD website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0CDQSH4HF

More documents and user manuals: **https://manuals.plus/**