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› KOABBIT Combination Natural Gas and Carbon Monoxide Detector User Manual

KOABBIT QP111

KOABBIT Combination Natural Gas and Carbon Monoxide Detector

Model: QP111

PRODUCT OVERVIEW

The KOABBIT Combination Natural Gas and Carbon Monoxide Detector is a crucial safety device designed to protect your home from the dangers of both combustible gases and carbon monoxide. Featuring a 2-in-1 design with sensitive catalytic combustion and electrochemical sensors, this detector provides high accuracy and reliable monitoring. It includes an LCD display for real-time gas concentration values and an 85dB high-volume alarm to alert you to dangerous levels. With AC90-240V power and a 9V rechargeable battery backup, it ensures continuous protection even during power outages.

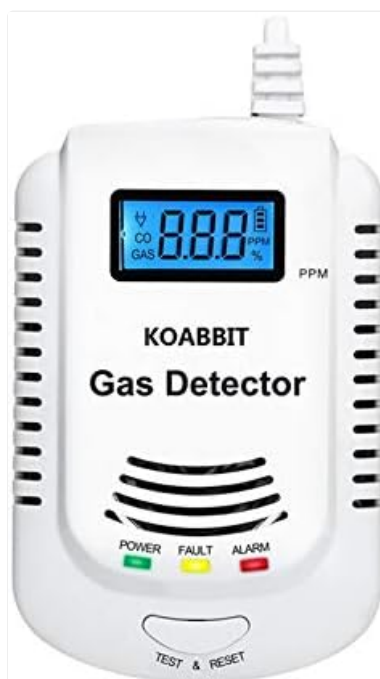


Image: Front view of the KOABBIT Combination Natural Gas and Carbon Monoxide Detector.

Key Features:

- **2-in-1 Detection:** Combines a catalytic combustion sensor for combustible gases (LPG, natural gas, coal gas, methane, liquefied petroleum gas, liquefied natural gas) and an electrochemical sensor for carbon monoxide.

- **LCD Display:** Shows real-time gas concentration values (100PPM-999PPM ± 50 PPM).
- **High Volume Alarm:** Sounds an alarm at >85 dB when dangerous gas levels are detected.
- **Dual Power Supply:** Operates on AC90-240V with a 9V rechargeable battery backup for uninterrupted protection during power outages.

PACKAGE CONTENTS

Please check the package carefully to ensure all items are present and in good condition.

- 1 x KOABBIT Combination Natural Gas and Carbon Monoxide Detector
- 1 x User Manual
- 2 x Mounting Screws
- 2 x Wall Plugs



Image: The detector, its packaging, user manual, and mounting screws.

SAFETY INFORMATION

Read all instructions carefully before installation and use. Failure to follow these instructions may result in property damage, injury, or death.

- This device is designed for indoor use only.
- Do not paint the detector. Paint may clog the openings and interfere with proper operation.

- Do not block the air inlet or speaker.
- Regularly test the detector as per the operating instructions.
- In case of an alarm, immediately ventilate the area and contact emergency services if necessary.
- Ensure proper placement: Install the detector in areas where gas leaks or carbon monoxide accumulation are most likely, such as kitchens, near gas appliances, or sleeping areas. Avoid dead air spaces, direct sunlight, or areas with high humidity.

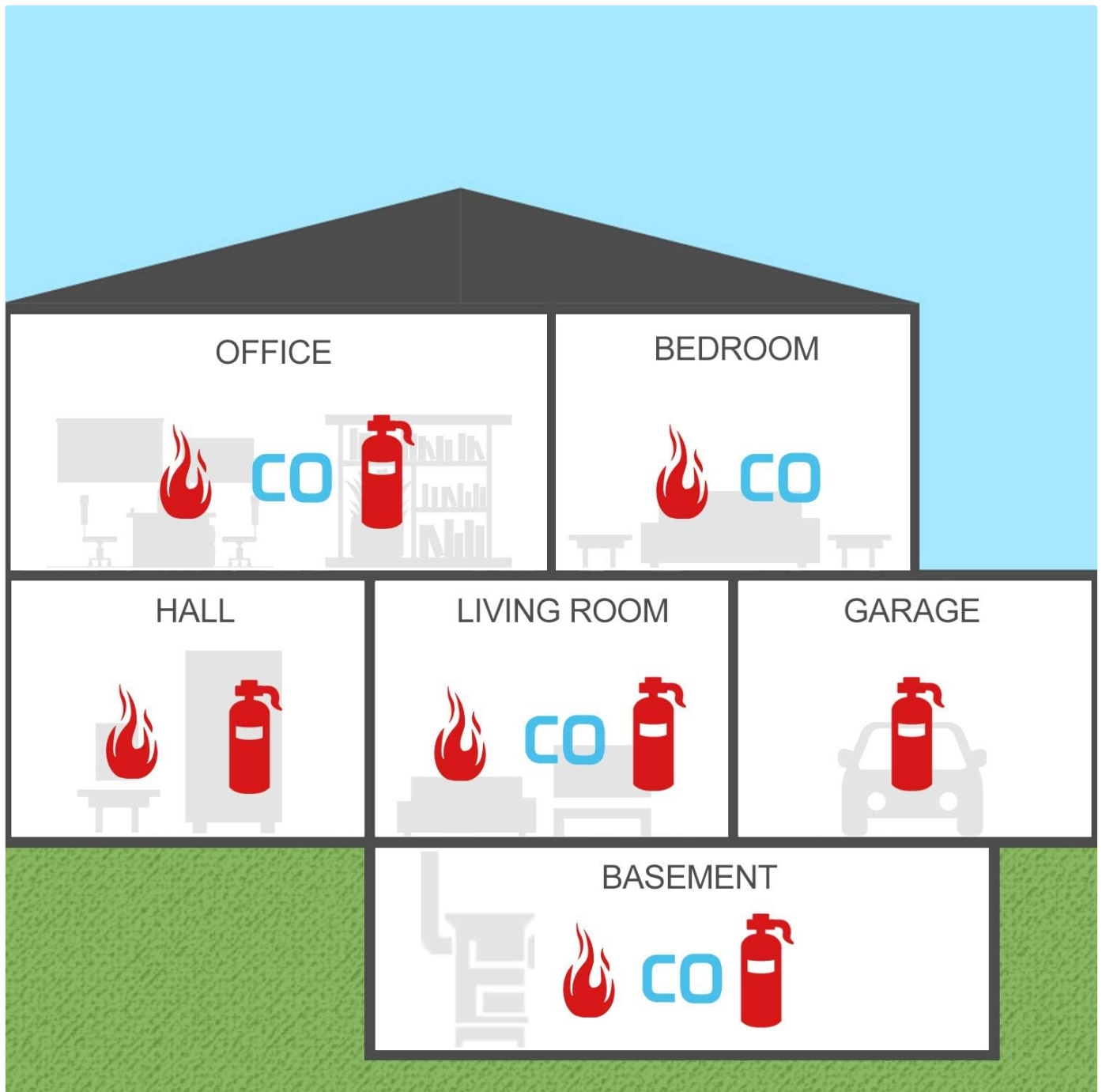


Image: Illustrates ideal locations for gas and CO detectors within a home, including kitchen, bedroom, hall, living room, garage, and basement.

SETUP

Component Identification:



Image: Detailed view of the detector with labels for its various components, including the power cable, digital display, air inlet, fault light, power light, alarm speaker, alarm light, and the test & reset button.

Installation:

1. Choose a suitable location for the detector, ideally near gas appliances or in areas prone to gas leaks, but away from direct drafts or extreme temperatures.
2. Plug the detector directly into a standard AC90-240V wall outlet.
3. Upon initial power-up, the detector will undergo a self-test and warm-up period, typically lasting about 3 minutes. During this time, the display may show a countdown or specific indicators.
4. Ensure the 9V rechargeable backup battery is installed to provide continuous protection during power outages.

OPERATING INSTRUCTIONS

Normal Operation:

- Once the warm-up period is complete, the detector will enter normal monitoring mode. The "POWER" light (green) will be illuminated.

- The LCD display will typically show "0" or a low reading, indicating no dangerous gas levels.

Alarm Conditions:

- If combustible gas or carbon monoxide reaches a dangerous level, the detector will:
 - Sound a loud audible alarm (>85 dB).
 - Flash the "ALARM" light (red).
 - Display the detected gas concentration value on the LCD screen.
- To silence the alarm, press the "TEST & RESET" button. The alarm will stop, but the display will continue to show the gas concentration until the air clears.

Test Function:

- Press and hold the "TEST & RESET" button to manually test the alarm function. The alarm will sound, and the lights will flash. Release the button to stop the test.
- Regular testing is recommended to ensure the detector is functioning correctly.

MAINTENANCE

- **Cleaning:** Gently wipe the detector with a soft, damp cloth. Do not use cleaning solvents or polishes. Do not spray cleaning agents directly onto the detector.
- **Battery Check:** The 9V rechargeable battery provides backup power. Ensure it is properly installed and charged. The detector will indicate low battery status if applicable.
- **Regular Testing:** Test the detector weekly by pressing the "TEST & RESET" button to ensure the alarm and lights are working.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Detector does not power on.	No power from outlet; faulty outlet; internal issue.	Check power outlet with another device. Ensure detector is fully plugged in. If problem persists, contact support.
Alarm sounds frequently without apparent gas.	False alarm due to strong odors (e.g., cleaning products, paint fumes); sensor contamination.	Ventilate the area. Relocate the detector if it's consistently exposed to non-gas fumes. Clean the detector.
"FAULT" light is on.	Internal malfunction or sensor error.	Press the "TEST & RESET" button. If the fault light remains, the unit may need replacement.
LCD display shows "A" or other error code.	Indicates an alarm condition or a specific error.	Refer to the operating instructions for specific error codes. If "A" indicates alarm, follow alarm procedures.

What to do if the alarm sounds:

1. Do not panic.
2. Immediately open all windows and doors to ventilate the area.
3. Turn off all gas appliances and sources.
4. If the alarm continues, evacuate the premises and call your gas supplier or fire department from a safe location.

5. Do not re-enter the premises until the gas has dissipated and the cause of the leak has been identified and rectified.

SPECIFICATIONS

Feature	Detail
Brand	KOABBIT
Model Number	QP111
Product Dimensions	1.6"D x 2.9"W x 4.3"H
Item Weight	0.44 Pounds (7 ounces)
Alarm Type	Audible (>85 dB)
Operating Humidity	95 percent
Upper Temperature Rating	50 Degrees Celsius
Sensor Type	Catalytic, Electrochemical
Power Supply	AC90-240V
Battery	1 x 9V rechargeable battery (backup)
Detection Range (Combustible Gas)	LPG (Methane), natural gas, coal gas, gas fuel, artificial gas, liquefied petroleum gas, liquefied natural gas etc.

WARRANTY AND SUPPORT

This KOABBIT detector comes with a **1-year warranty** from the date of purchase.

If you encounter any technical problems with the product or have questions regarding its operation, please contact KOABBIT customer support. For the most up-to-date contact information, please refer to the product packaging or the official KOABBIT website.

You can also visit the [KOABBIT Store on Amazon](#) for more information and support resources.

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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

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