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› Wolf-Guard 4-in-1 Gas and CO Detector Instruction Manual (Model B0FRXTVJMX)

Wolf-Guard B0FRXTVJMX

Wolf-Guard 4-in-1 Gas and CO Detector Instruction Manual

Model: B0FRXTVJMX

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Wolf-Guard 4-in-1 Gas and CO Detector. This device is designed to monitor carbon monoxide (CO) and combustible gas concentrations, as well as temperature and humidity, providing audible and visual alarms for enhanced home safety. Please read this manual thoroughly before use and retain it for future reference.

SAFETY INFORMATION

Important Safety Instructions:

- This detector is intended for household use only.
- Do not paint the detector. Paint can clog the vents and interfere with sensor operation.
- Do not block the detector's vents.
- Regularly test the detector as instructed in this manual.
- The detector should be installed in accordance with local electrical codes and safety regulations.
- This device is not a substitute for proper maintenance of fuel-burning appliances, including appropriate ventilation and exhaust systems.
- In case of an alarm, follow the emergency procedures outlined in this manual.

PRODUCT OVERVIEW

The Wolf-Guard 4-in-1 Gas and CO Detector features high-precision sensors for reliable detection of carbon monoxide and combustible gases. It includes a 2.8-inch HD color screen for real-time display of CO and gas concentrations, temperature, and humidity. The device is designed for plug-and-play operation with an integrated backup battery.

Key Features:

- **4-in-1 Detection:** Monitors Carbon Monoxide (CO), Combustible Gas, Temperature, and Humidity.
- **High Precision Sensors:** Utilizes electrochemical and semiconductor resistance principles for accurate and rapid detection.
- **Audible and Visual Alarm:** Provides clear alerts with sound and light indicators.

- **2.8-inch HD Color Screen:** Displays real-time data for CO (PPM), Gas, Temperature (°F/°C), and Humidity (%).
- **Self-Check Function:** Built-in fault self-check for operational integrity.
- **Plug and Play:** Easy installation into a standard European wall socket.
- **Integrated Backup Battery:** Features a 1000 mAh rechargeable battery for continued operation during power outages.
- **Long Sensor Lifespan:** Sensors designed for approximately 5 years of service.

Components:

The detector consists of the main unit with an integrated plug, a display screen, control buttons, and alarm indicators.



Image: Front view of the Wolf-Guard 4-in-1 Gas and CO Detector, highlighting its features such as high precision sensors, HD screen, audible/visual alarm, fault self-check, and plug-and-play design.

DIRECT INSERTION COMBINED CARBON MONOXIDE DETECTOR

Real time monitoring of combustible gas/CO concentration /temperature and humidity | High sensitivity gas detection



Image: The detector shown with its integrated European wall plug, emphasizing its direct insertion capability and audible/visual alarm feature.

SETUP AND INSTALLATION

Proper placement of the detector is crucial for effective monitoring. Consider the type of gas you are primarily concerned about, as different gases behave differently.

General Placement Guidelines:

- **Carbon Monoxide (CO):** CO is slightly lighter than air and mixes readily with air. For CO detection, place the detector at a height where it can be easily seen and heard, typically at eye level or higher, but not directly on the ceiling.
- **Combustible Gases (e.g., Natural Gas, Methane):** Natural gas is lighter than air. For detection of lighter gases, install the detector near the ceiling, approximately 30 cm (12 inches) from the ceiling.
- **Combustible Gases (e.g., LPG, Propane):** LPG/Propane is heavier than air. For detection of heavier gases, install the detector near the floor, approximately 30 cm (12 inches) from the floor.
- **Avoid:** Do not install near windows, doors, ventilation fans, or in areas with high humidity or extreme temperatures. Keep

away from direct sunlight and areas where it might be obstructed.

Recommended Installation Locations:

It is recommended to install detectors in all bedrooms, living rooms, kitchens, basements, and garages. Refer to the diagram below for typical home placement recommendations.



Image: Diagram illustrating recommended placement of CO, smoke, and combustible gas detectors in various rooms of a multi-story home, including bedrooms, living room, kitchen, basement, and garage.

Initial Setup:

1. Unpack the detector and inspect for any damage.
2. Plug the detector directly into a standard European wall socket.
3. The device will power on automatically and begin its self-check process.
4. Allow a few minutes for the sensors to stabilize. The screen will display current readings for CO, gas, temperature, and humidity.

OPERATING INSTRUCTIONS

The detector operates continuously once plugged in. The display provides real-time information.

Screen Display:

2.8 INCH HD COLOR SCREEN DISPLAY

Combustible gas/CO concentration is clear and clear

IPS

Ultra broad
perspective

240*296

resolving
power

HD Display

Fashionable
color screen



Image: A detailed view of the 2.8-inch HD color screen, showing readings for CO (PPM), Gas (flame icon), Humidity (%), and Temperature (°F).

- **CO PPM:** Displays the concentration of carbon monoxide in parts per million.
- **GAS:** Indicates the presence of combustible gas (often with a flame icon).
- **Temperature:** Shows the ambient temperature (can be switched between Celsius and Fahrenheit).
- **Humidity:** Displays the relative humidity percentage.
- **Battery Indicator:** Shows the charge level of the internal backup battery.
- **Speaker Icon:** Indicates the status of the audible alarm.
- **Sun Icon:** Indicates screen brightness setting.

Button Functions:

Conforme aux normes de sécurité européennes et internationales

Le détecteur de monoxyde de carbone et de gaz HD 12 est entièrement certifié conformément aux normes de sécurité européennes (CE, EN50194, EN50291, EN 14604) et internationales, garantissant une protection fiable pour votre famille et votre foyer.



Image: An illustration detailing the functions of the three control buttons on the detector: Power button, Buzzer button, and Brightness button.

• Power Button (Center):

- **Short Press:** Initiates a self-test.
- **Long Press:** Powers the device On/Off (when operating on battery power).

• Buzzer Button (Left):

- **Short Press:** Activates/Deactivates the audible buzzer.

• Brightness Button (Right):

- **Short Press:** Adjusts screen brightness.
- **Long Press:** Toggles temperature unit between Celsius (°C) and Fahrenheit (°F).

TESTING THE DETECTOR

Regular testing ensures your detector is functioning correctly. It is recommended to test the device weekly.

Self-Test:

1. To start the automatic self-test, short press the **Power Button** (center button).
2. The detector will perform a system check, and the alarm will sound briefly.
3. Observe the indicator lights for proper function.

Functional Test (Gas Detection):

You can perform a functional test using a small, controlled source of gas.



Image: Three-step illustration demonstrating how to test the gas detection function by placing a lit cigarette or a lighter near the detector to simulate gas presence.

1. Initiate the self-test by short pressing the **Power Button**.
2. Carefully bring a lit cigarette or a gas lighter (without igniting a flame) close to the detector's gas sensor.
3. The detector should register the presence of gas and trigger the audible and visual alarm.
4. Remove the gas source. The alarm should cease once the gas clears.
5. **Caution:** Perform this test briefly and with adequate ventilation. Do not expose the detector to excessive amounts of gas.

ALARMS AND INDICATORS

The detector uses both audible and visual signals to alert you to potential dangers or operational issues.

Alarm Conditions:



Image: The detector screen showing a high CO reading (350 PPM) with a red flame icon and "Drip~" text, indicating an active sound and light alarm.

- When CO or combustible gas levels exceed predefined thresholds, the detector will emit a loud audible alarm and flash visual indicators (e.g., red light, screen changes).
- The screen will display the detected concentration level.

Indicator Lights:

INTELLIGENT POWER INDICATOR LIGHT

Self testing fault is clear at a glance



Green light (screen off and indicator light on)

Indicates normal operation and gas concentration monitoring.

Red light (alarm)

There is a mute error or sensor malfunction.

Short press to self test

Image: The detector showing a green light for normal operation and a red light for alarm or sensor malfunction, with corresponding explanations.

- **Green Light:** Indicates normal operation and gas concentration monitoring. The screen may be off, but the indicator light is on.
- **Red Light:** Indicates an alarm condition (high CO/gas levels) or a sensor malfunction/error.

Emergency Procedure (In case of CO/Gas Alarm):

1. Immediately move to fresh air outdoors or open all doors and windows to ventilate the area.
2. Do not re-enter the premises until the alarm has stopped and the area has been thoroughly ventilated.
3. If the alarm persists, contact emergency services or a qualified technician.

4. Identify and resolve the source of the gas leak or CO production.

MAINTENANCE

Regular maintenance ensures the longevity and reliability of your detector.

- **Cleaning:** Gently wipe the exterior of the detector with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the vents are clear of dust and debris.
- **Battery:** The integrated 1000 mAh battery is rechargeable. Ensure the device is regularly plugged into a power outlet to keep the backup battery charged.
- **Sensor Lifespan:** The sensors have an approximate lifespan of 5 years. After this period, consider replacing the detector to ensure continued accuracy and safety.
- **Avoid Obstructions:** Ensure nothing is blocking the detector's vents or display.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Detector does not power on.	Not plugged in, power outage, or backup battery depleted.	Ensure it is securely plugged into a working outlet. If on battery, check battery level and charge if necessary.
Alarm sounds without apparent gas/CO.	False alarm, residual gas, or sensor malfunction.	Ventilate the area. Perform a self-test. If the alarm persists or indicates a fault, contact support.
Red light indicates error/malfunction.	Sensor fault or internal error.	Perform a self-test. If the error persists, the unit may require replacement or professional inspection.
Screen display is dim or off.	Brightness setting, power saving mode, or power issue.	Short press the Brightness button to adjust. Ensure the device is receiving power.

SPECIFICATIONS

Feature	Detail
Model	B0FRXTVJMX
Detection Type	Carbon Monoxide (CO), Combustible Gas
Additional Monitoring	Temperature, Humidity
Sensor Principle	Electrochemical (CO), Semiconductor (Combustible Gas)
Sensor Lifespan	Approximately 5 years
Power Source	AC 100-240V (European Plug), Integrated 1000 mAh Rechargeable Battery
Voltage	5 Volts (DC)
Alarm Type	Audible and Visual
Display	2.8-inch HD Color Screen
Product Dimensions (L x W x H)	9.1 x 5.5 x 5.2 cm (3.58 x 2.17 x 2.05 inches)
Weight	150 Grams (0.33 lbs)

Feature	Detail
Operating Humidity	Up to 60% (non-condensing)

WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available documentation. For details regarding warranty coverage, technical support, or replacement parts, please refer to the manufacturer's official website or contact the seller directly.

Manufacturer: Shenzhen Huidu Technology Co., Ltd.

Brand: Wolf-Guard