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## YOJOCK KH105

# YOJOCK KH105 3-in-1 Carbon Monoxide Detector User Manual

Model: KH105 | Brand: YOJOCK

## 1. INTRODUCTION

The YOJOCK KH105 is a versatile 3-in-1 carbon monoxide (CO) detector designed for enhanced safety in various environments, including homes, hotels, RVs, and during travel. This device accurately monitors carbon monoxide levels, temperature, and humidity, providing essential environmental data and critical alerts.

Equipped with an advanced electrochemical sensor, the KH105 offers fast and reliable detection of CO concentrations from 0 to 1000 PPM. In the event of elevated CO levels, it activates an 85dB audio alarm and a flashing red light to alert users immediately. Its compact, plug-in design ensures portability and ease of use, while its low power consumption makes it an energy-efficient safety solution.

# 3 IN 1 CARBON MONOXIDE DETECTOR

Perfect for Home Safety



CO  
0-1000 PPM



Temperature  
1-176°F (±4°F)



Humidity  
0-99% (±5%)



Image: The YOJOCK KH105 detector displaying carbon monoxide levels, temperature, and humidity.

## 2. SAFETY INFORMATION

- Carbon Monoxide (CO) Warning:** Carbon monoxide is an odorless, colorless, and toxic gas. Exposure to CO can cause serious injury or death. This detector is designed to alert you to the presence of CO, but it is not a substitute for proper maintenance of fuel-burning appliances or adequate ventilation.
- Placement:** Install the detector in areas where CO may be present, such as near fuel-burning appliances, sleeping areas, and living spaces. Avoid placing it directly above heat sources, in direct sunlight, or in areas with high humidity or dust.
- Regular Testing:** Test the detector regularly as described in the 'Maintenance' section to ensure it is functioning correctly.
- Alarm Response:** If the alarm sounds, immediately move to fresh air outdoors or open all doors and windows to ventilate the area. Call emergency services if symptoms of CO poisoning are present.
- Power Source:** This is a plug-in device. Ensure it is securely plugged into a functional electrical outlet. It does not have a battery backup.

## 3. PRODUCT FEATURES

- **3-in-1 Detection:** Monitors Carbon Monoxide (CO), Temperature, and Humidity simultaneously.
- **High-Accuracy Electrochemical Sensor:** Provides fast and reliable CO detection (0-1000 PPM) with a response time of less than 5 seconds.
- **Audible and Visual Alarm:** Features a loud 85dB alarm and a flashing red light when CO levels reach 150 PPM.
- **Digital Display:** Clear LCD shows current CO concentration, temperature (1-176°F), and humidity (0-99% ±5%).
- **Portable Plug-in Design:** Compact (2.9 x 3.1 x 2 inches, 0.19 lb) and easy to transport for use in various locations.
- **Energy-Saving:** Low power consumption ( $\leq 2W$ ) for efficient operation.



Image: Detailed view of the detector's components, including the AC plug, test button, and sensor locations.

## 4. SETUP

1. **Unpack:** Carefully remove the detector from its packaging.
2. **Choose Location:** Select a standard electrical outlet (120V AC) in a suitable location, such as a bedroom, living area, or near a potential CO source. Ensure the outlet is not obstructed and allows for clear air circulation. Avoid placing it behind furniture or curtains.
3. **Plug In:** Insert the detector directly into the electrical outlet. The device will power on automatically.

4. **Initial Warm-up:** The detector will undergo an initial warm-up period, typically around 30 seconds, during which it may display various readings or flash lights. Once warmed up, it will begin displaying current CO levels (PPM), temperature (°F), and humidity (%).



Image: The detector plugged into a wall outlet, ready for operation.

Video: An introduction to the YOJOCK Carbon Monoxide Detector, demonstrating its features and initial plug-in process.

## 5. OPERATING INSTRUCTIONS

### 5.1 Display Readings

The digital display provides real-time information:

- **CO:** Displays the current carbon monoxide concentration in Parts Per Million (PPM).
- **Temperature:** Shows the ambient temperature in Fahrenheit (°F).
- **Humidity:** Indicates the relative humidity in percentage (%).

### 5.2 Alarm Conditions

The detector will activate an alarm under the following conditions:

- **CO Alarm:** If carbon monoxide levels reach 150 PPM, the device will emit an 85dB audible alarm and

flash a red light. The display will show the elevated CO level.

- **Low Battery (Not Applicable):** This model is plug-in and does not use batteries.

## 85 dB SOUND & FLASH LIGHT ALARM

Reminds You To Be Safe



85dB  
Alarm



Flashing  
Light Alarm



Image: The detector showing an active alarm with flashing red lights and an audible alert.

## 6. MAINTENANCE

### 6.1 Regular Testing

It is recommended to test the detector weekly to ensure proper functionality:

1. Press and hold the 'Test & Reset' button located on the top of the device.
2. The alarm will sound, and the red light will flash, indicating that the alarm function is working.
3. Release the button to stop the test.

### 6.2 Cleaning

To maintain optimal performance, clean the detector periodically:

- Gently wipe the exterior with a soft, damp cloth.
- Do not use cleaning sprays, solvents, or abrasive cleaners.
- Ensure the air inlets and outlets are free from dust and debris.

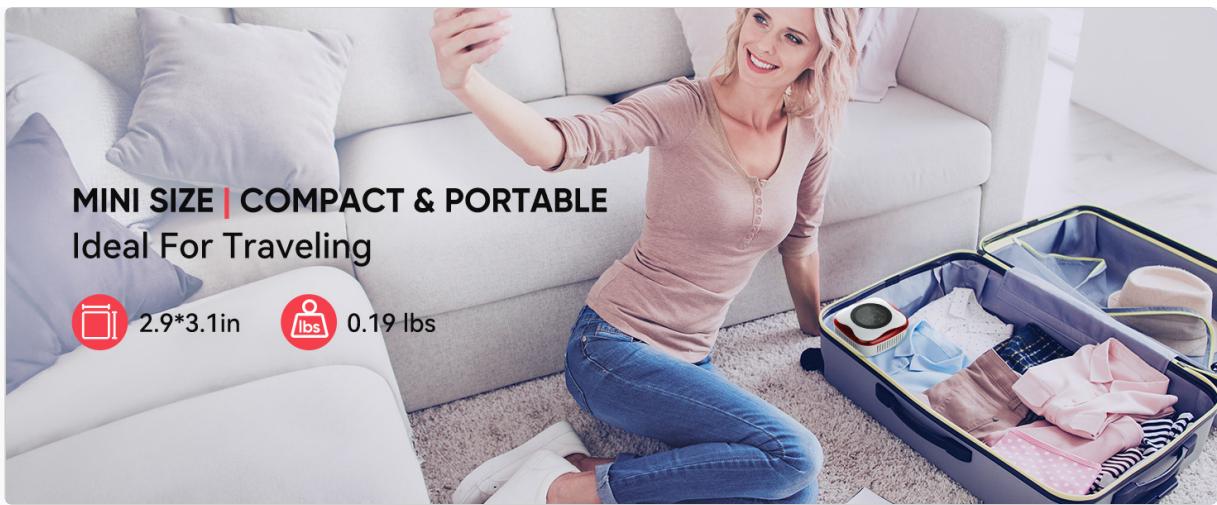


Image: Visual guide on how to test the alarm's functionality using a controlled CO source.

## 7. TROUBLESHOOTING

- No Display/Power:** Ensure the detector is securely plugged into a working electrical outlet. Check if the outlet has power by plugging in another device.
- Alarm Sounds Without Apparent CO:** If the alarm activates without a clear source of CO, ventilate the area immediately. It could be a low-level CO presence or a false alarm. If alarms persist, contact emergency services or a qualified technician.
- Inaccurate Readings:** Ensure the detector is not placed near strong drafts, extreme temperatures, or high humidity, which can affect sensor accuracy. Clean the device as per maintenance instructions.
- Alarm Fails Test:** If the alarm does not sound when the 'Test & Reset' button is pressed, the unit may be faulty. Do not attempt to repair it. Replace the unit immediately.

## 8. SPECIFICATIONS

Feature	Specification
Model Number	KH105
Detection Type	Carbon Monoxide (CO), Temperature, Humidity
CO Detection Range	0-1000 PPM
Temperature Range	1-176°F
Humidity Range	0-99% ( $\pm 5\%$ )
Alarm Loudness	85dB
Sensor Type	Electrochemical
Power Source	Plug-In (AC 120V)
Power Consumption	$\leq 2W$
Product Dimensions	2.9"D x 3.1"W x 2"H
Item Weight	3.04 ounces

Material

ABS

## 9. WARRANTY AND SUPPORT

The YOJOCK KH105 Carbon Monoxide Detector comes with a **3-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For any assistance, questions, or concerns regarding your product, please contact our customer service team. We are committed to providing responsive support and aim to address your inquiries within 24 hours.

Please refer to the contact information provided on the product packaging or the official YOJOCK website for customer support details.

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