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## Jemay GS886

# Jemay Combination Smoke and Carbon Monoxide Detector User Manual

Model: GS886

Brand: Jemay

## 1. INTRODUCTION AND OVERVIEW

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The Jemay Combination Smoke and Carbon Monoxide Detector (Model GS886) is designed to provide comprehensive protection against two major household threats: smoke from fires and the invisible, odorless carbon monoxide gas. This device integrates both electrochemical Carbon Monoxide sensing technology and a photoelectric smoke sensor to detect these dangers simultaneously. It features a large LCD display for clear status indication and is powered by a 10-year replaceable battery for long-lasting, reliable performance.



Figure 1.1: Jemay Combination Smoke and Carbon Monoxide Detector (Model GS886)

This image shows the front view of the white, circular Jemay Combination Smoke and Carbon Monoxide Detector. It has a central speaker grille, an LCD screen at the top, and a 'TEST/HUSH' button below the speaker. The bottom edge features a red LED indicator and text that reads 'SMOKE AND CARBON MONOXIDE ALARM RED=ALARM GREEN=POWER YELLOW=FAULT'.

## 2. KEY FEATURES

- **2-in-1 Protection:** Features electrochemical Carbon Monoxide sensing technology and a photoelectric smoke sensor for simultaneous detection of CO and smoke particles.
- **Informative LCD Display:** Large screen clearly indicates smoke warnings, real-time CO concentration (PPM), remaining battery life, and working status. The display activates only during testing or when alarm levels are reached to conserve power.

- **10-Year Replaceable Battery:** Powered by 3 AA batteries (included) with a 10-year lifespan, eliminating the need for frequent battery changes. Features chirp sound, indicator light, and LCD display reminders for battery replacement.
- **Easy Installation:** No rewiring required. Simple to mount on any wall or ceiling. The humanized design of the mounting bracket accommodates screw hole pitches from 30-92mm, avoiding the need for new drilling in many cases.
- **Multiple Alarm Modes:** Alerts users with an 85dB buzzer, flashing red LED light, and corresponding icons on the LCD display (fire or CO icon) when a threat is detected.



Figure 2.1: Informative LCD Display

This image illustrates the informative LCD display of the detector. It shows a digital reading of '268 PPM' with a skull and crossbones icon for CO warning and a flame icon for smoke warning. A red LED light is also shown flashing, indicating an alarm state. The image highlights the 85dB buzzer warning with distinct sound patterns for CO (3 long beeps) and Smoke (4 fast beeping sounds).

# 10-Year Replaceable Battery

No Need to Change Batteries Every Year



Figure 2.2: 10-Year Replaceable Battery

This image shows a hand inserting a gold AA battery into the battery compartment of the detector. The compartment is open, revealing slots for three AA batteries. Icons below the detector indicate 'Protection During Power Outages' and 'Low Battery Signal', emphasizing the benefits of the 10-year replaceable battery.

## 3. SETUP AND INSTALLATION

Follow these steps for proper setup and installation of your Jemay Combination Smoke and Carbon Monoxide Detector:

- Battery Installation:** Open the battery compartment on the back of the detector. Install the three AA batteries, ensuring correct positive (+) and negative (-) polarity. Close the compartment securely.
- Mounting Location:** Choose a central location on the ceiling or wall, away from vents, windows, and direct sunlight. For optimal smoke detection, mount on the ceiling. For CO detection, it can be mounted at a lower height, but ensure it's not obstructed.
- Mounting the Bracket:** Use the provided screws and anchors to secure the mounting bracket to your chosen surface. The bracket is designed to fit screw hole pitches between 30-92mm, reducing the need for new drilling if replacing an old alarm.

4. **Attach Detector:** Align the detector with the mounting bracket and twist clockwise until it locks securely into place.
5. **Test the Alarm:** Press and hold the 'TEST/HUSH' button for a few seconds until the alarm sounds. This confirms the unit is functioning correctly.



Figure 3.1: Installation Steps

This image displays two panels illustrating the installation process. Panel 1 shows the detector being attached to a mounting plate with screws, indicating a 50mm screw pitch. Panel 2 shows the detector mounted on a ceiling, with the mounting plate accommodating screw hole pitches from 30-92mm, highlighting the 'No Need to Drill Again' feature.



## No Blind Spots with 360° Monitoring



Figure 3.2: 360° Monitoring

This image shows the detector mounted on a ceiling, with concentric circles radiating outwards, symbolizing its 360-degree monitoring capability for both smoke and CO. Text indicates various CO concentration levels (30 PPM, 50 PPM, 100 PPM, 300 PPM) and the corresponding timeframes before an alarm sounds, emphasizing comprehensive coverage.

## 4. OPERATING INSTRUCTIONS

Your Jemay detector is designed for continuous monitoring. Understanding its indicators and alarms is crucial for safety.

### 4.1. LCD Display and Indicators

The LCD screen provides visual information about the detector's status and detected hazards. It typically remains off to conserve power, activating only when needed.

- **Green Light (Power Indicator):** Flashes every 40 seconds, indicating normal operation and sufficient power.
- **Yellow Light (Fault Indicator):** Indicates malfunctions or low battery. Chirps twice every 40 seconds for low battery voltage ('Lb' on LCD) and chirps once every 40 seconds for a sensor fault ('Err' on LCD).
- **Red Light (Alarm Indicator):** Flashes during an alarm event.

### 4.2. Alarm Patterns

- **Smoke Alarm:** The buzzer will sound 3 long beeps followed by 1.5 seconds of silence, repeating the pattern. The red LED will flash, and the LCD will display a flame symbol.
- **Carbon Monoxide (CO) Alarm:** The buzzer will sound 4 short beeps followed by 5 seconds of silence, repeating the pattern. The red LED will flash, and the LCD will display a skull and crossbones symbol along with the real-time CO concentration in PPM.

### 4.3. Test/Hush Button

Pressing the 'TEST/HUSH' button allows you to:

- **Test Functionality:** Briefly press the button to initiate a self-test. The alarm will sound, and the LCD will display relevant icons, confirming proper operation.
- **Silence Alarm:** In the event of a non-emergency alarm (e.g., cooking smoke), press the button to temporarily silence the alarm for approximately 10 minutes. The alarm will reactivate if the hazardous condition persists.

Video 4.1: Jemay 2-IN-1 Smoke and Carbon Monoxide Detector Alarm Overview

This video provides a visual and auditory demonstration of the Jemay 2-IN-1 Smoke and Carbon Monoxide Detector. It showcases the product's design, the functionality of the LCD display showing both fire and CO alarms, and the process of installing batteries. The video highlights the dual detection capabilities and user-friendly features of the alarm.

## 5. MAINTENANCE

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Regular maintenance ensures the longevity and effectiveness of your detector.

- **Monthly Testing:** Test your detector at least once a month by pressing the 'TEST/HUSH' button. Ensure the alarm sounds and the LCD displays correctly.
- **Cleaning:** Gently vacuum the detector's cover and vents with a soft brush attachment at least once a year to remove dust and debris. Do not use cleaning solvents or spray directly onto the unit.
- **Battery Replacement:** Although the battery has a 10-year lifespan, replace it immediately if the low battery warning (yellow light, chirping, 'Lb' on LCD) is activated. Use only recommended AA alkaline batteries.
- **End of Life (EOL):** The detector has a 10-year operational life. After 10 years, the unit will indicate its end-of-life ('EOL' on LCD). Replace the detector immediately.

## 6. TROUBLESHOOTING

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If your detector is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Alarm sounds frequently without apparent smoke/CO.	Dust accumulation, high humidity, cooking fumes, or steam.	Clean the detector. Relocate if near cooking areas or bathrooms. Use the 'HUSH' feature for temporary silencing.
Yellow light flashes and chirps (Lb on LCD).	Low battery voltage.	Replace all three AA batteries immediately. Ensure correct polarity.
Yellow light flashes and chirps (Err on LCD).	Sensor fault or internal malfunction.	Press the 'TEST/HUSH' button to reset. If the error persists, the unit may be faulty and needs replacement.
LCD shows 'EOL'.	Detector has reached its end of operational life (10 years).	Replace the entire detector unit immediately.
No response when pressing 'TEST/HUSH' button.	No power, dead batteries, or unit malfunction.	Check battery installation and replace batteries. If still unresponsive, the unit needs replacement.

If you experience persistent issues not covered here, please contact Jemay customer support.

## 7. SPECIFICATIONS

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Specification	Value
Brand	Jemay
Model Number	GS886
Power Source	3 AA Batteries (included)
Sensor Type	Electrochemical (CO), Photoelectric (Smoke)
Alarm Volume	85dB
Product Dimensions	1.66"D x 5.5"W x 5.5"H
Item Weight	11.7 ounces
Installation Method	Wall-Mounted / Ceiling-Mounted
Lifespan	10 Years

# Product Dimensions



Figure 7.1: Product Dimensions

This image displays the Jemay detector alongside a smartphone for scale, and provides detailed measurements. The detector is shown to be 0.95 inches (42.3 mm) in depth and 5.52 inches (140.1 mm) in width/height, illustrating its compact size.

## 8. WARRANTY AND SUPPORT

Jemay is committed to providing reliable and user-friendly safety solutions. For specific warranty information, please refer to the product packaging or contact Jemay customer support directly. Keep your purchase receipt as proof of purchase for any warranty claims.

For technical assistance, troubleshooting beyond this manual, or general inquiries, please visit the official Jemay website or contact their customer service department. Contact information can typically be found on the product packaging or the brand's official online presence.

