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## Jemay AW183-A

# Jemay Smoke and Carbon Monoxide Detector User Manual

Model: AW183-A / GS886

Brand: Jemay

## 1. INTRODUCTION

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Thank you for choosing the Jemay Smoke and Carbon Monoxide Detector. This device is designed to provide continuous protection for you and your family from the dangers of smoke and carbon monoxide. Featuring both a photoelectric smoke sensor and an electrochemical CO sensor, it detects fast and slow-burning fires, as well as dangerous levels of carbon monoxide. This manual provides essential information for the proper installation, operation, and maintenance of your detector to ensure its optimal performance and your safety.



Image 1.1: Five Jemay Smoke and Carbon Monoxide Detectors. These units are designed for simultaneous detection of smoke and carbon monoxide.

## 2. IMPORTANT SAFETY INFORMATION

Please read and understand all instructions before installing and operating your detector. Keep this manual for future reference.

- **DANGER:** If the alarm sounds and it is not being tested, it indicates the unit is sensing smoke or carbon monoxide. The sound of the alarm requires your immediate attention and action. Do not ignore the alarm.
- This detector is designed for residential use only. It is not intended for industrial or commercial applications.
- Do not paint the detector. Paint can clog the sensor openings and interfere with the unit's ability to detect smoke or CO.
- Do not install the detector in areas with high humidity, extreme temperatures, or excessive dust/dirt, as this can affect performance.
- Ensure the detector is installed in accordance with local building codes and regulations.

## 3. PRODUCT FEATURES

The Jemay Smoke and Carbon Monoxide Detector offers advanced features for reliable home safety:

- **10-Year Battery Life:** Equipped with a built-in 3V lithium battery, ensuring continuous operation for up to 10





Image 3.2: The detector provides 2-in-1 protection, simultaneously detecting smoke and carbon monoxide concentrations.

## 4. PACKAGE CONTENTS

Your Jemay Smoke and Carbon Monoxide Detector package includes:

- 5 x Jemay Smoke and Carbon Monoxide Alarms (Model GS883-A)
- 1 x User Manual
- 5 x Screw Sets (2 screws per set for mounting)

## 5. SETUP AND INSTALLATION

The Jemay detector is designed for easy installation without the need for complex wiring.

### 5.1 Choosing an Installation Location

For optimal protection, consider the following guidelines for placement:

- Install at least one detector on every level of your home, including basements and attics.
- For best smoke detection, install detectors in hallways outside sleeping areas and in living rooms.
- For best CO detection, install detectors near sleeping areas and on every level of the home.
- Avoid installing in kitchens, bathrooms, garages, or near heating vents, fans, or open windows, as these areas can cause false alarms or reduce effectiveness.
- Mount on the ceiling or high on a wall (at least 15 cm from the ceiling).



Image 5.1: Recommended placement of detectors within a home for comprehensive coverage (20-40 m<sup>2</sup> per unit).

## 5.2 Mounting Instructions

1. Select a suitable mounting location on the ceiling or wall.
2. Use the mounting bracket as a template to mark the positions for the two screw holes.
3. Drill two holes at the marked positions. Insert the plastic anchors (if necessary) into the drilled holes.
4. Attach the mounting bracket to the ceiling/wall using the provided screws.
5. Align the detector with the mounting bracket and twist clockwise to secure it. The safety clip feature prevents mounting if the battery is not properly installed (though this model has a built-in battery, ensure it's activated if there's a pull tab).
6. Once mounted, perform a test as described in Section 6.1.





Image 6.1: CO Alarm Sensitivity Settings according to EN50291-1:2010+A1:2012.

## 7. MAINTENANCE

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Regular maintenance ensures the longevity and reliability of your detector.

### 7.1 Monthly Testing

As described in Section 6.1, test your detector monthly by pressing the 'TEST/SILENCE' button.

### 7.2 Cleaning Your Detector

Dust and debris can accumulate on the detector and affect its performance. Clean your detector at least once a year:

- Gently vacuum the exterior of the detector using a soft brush attachment.
- Do not use cleaning solvents or sprays directly on the detector.
- Do not paint the detector.

### 7.3 Low Battery Warning

The detector features a low battery indicator. An intermittent 'chirp' accompanied by a red LED flash every 32 seconds indicates that the built-in battery is nearing the end of its 10-year life. When this occurs, the entire unit must be replaced.

## 8. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Alarm sounds continuously (not during test)	Smoke or Carbon Monoxide detected.	Evacuate premises immediately. Call emergency services. Do not re-enter until cleared by authorities.
Alarm chirps intermittently (every 32 seconds)	Low battery warning.	The unit's 10-year battery is depleted. Replace the entire detector unit.
False alarms (e.g., during cooking)	Steam, cooking fumes, or dust.	Press the 'TEST/SILENCE' button to temporarily silence the alarm. Ventilate the area. Relocate the detector if false alarms are frequent due to placement.
Detector does not respond to test button	Unit malfunction or end of life.	Ensure the unit is properly mounted. If it still doesn't respond, the unit may be faulty or at the end of its 10-year lifespan. Replace the detector.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	AW183-A / GS886
Power Source	DC 3V (Built-in 10-year Lithium Battery)
Sensor Type	Photoelectric (Smoke), Electrochemical (CO)
Alarm Loudness	>85dB(A) at 3 meters
LED Indicator	Green (Normal), Red (Alarm/Malfunction), Flashing Red (Low Battery)
Product Life Time	10 Years
Dimensions (Diameter x Height)	φ5.28 inches x 1.57 inches (approx. 13.4 cm x 4.0 cm)
Weight	880 g (for 5 packs)
Operating Temperature	Not specified (refer to product packaging for exact range)
Operating Humidity	Not specified (refer to product packaging for exact range)
UPC	768481662994, 768479153572

## 10. WARRANTY AND SUPPORT

Specific warranty information for the Jemay Smoke and Carbon Monoxide Detector is not provided in the product details. For warranty claims, technical support, or further inquiries, please contact the manufacturer or your point of purchase directly. Keep your purchase receipt as proof of purchase.

