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› Jemay 2-in-1 Smoke and Heat Detector User Manual

Jemay GS528A

Jemay 2-in-1 Smoke and Heat Detector

Model: GS528A

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Jemay 2-in-1 Smoke and Heat Detector. This device is designed to provide early warning of both smoke and abnormal heat conditions, enhancing the safety of your home or vehicle. It features a sealed 10-year battery for long-term, maintenance-free power.



Image: Two Jemay 2-in-1 Smoke and Heat Detectors, showing their compact, circular design with a central sensor grille and a red LED indicator.

2. KEY FEATURES

- **2-in-1 Protection:** Detects both smoke and heat, offering comprehensive fire safety. Heat detection is supplementary and suitable for areas where smoke alarms are prone to false alarms.
- **10-Year Sealed Battery:** Powered by a non-removable 3V lithium battery, providing continuous operation for up to 10 years without battery replacement.
- **Photoelectric Sensor:** Advanced photoelectric technology for sensitive and accurate detection of smoldering fires.
- **Intelligent Chipset:** Built-in smart chipset for reliable performance and accurate alarm signaling.
- **LED Indicator:** Visual indication of device status (green for normal, red for alarm/emergency).
- **Easy Installation & Operation:** Battery-operated unit allows for quick, wire-free installation and simple one-button testing and silencing.
- **Compact Design:** Discreet and modern design suitable for various indoor environments.

2-IN-1 Protection

smoke & heat combo alarm



Image: A Jemay detector mounted on a wall next to a fireplace, illustrating its dual smoke and heat detection capability.



Image: A Jemay detector shown alongside a family and a sleeping child, emphasizing its 10-year battery life for long-term protection.

3. SAFETY INFORMATION

Please read and understand all instructions before installing and operating the detector. Failure to follow these instructions may result in property damage, injury, or death.

- **Placement:** Install detectors on every level of your home, inside each bedroom, and outside each sleeping area. Avoid placing detectors in kitchens, bathrooms, garages, or near heating vents, as steam, cooking fumes, or exhaust can cause false alarms.
- **Do Not Paint:** The detector's casing is designed with specific vents for smoke and heat entry. Painting the unit can block these vents and impair its functionality. The device is marked with "DO NOT PAINT".
- **Regular Testing:** Test the alarm monthly to ensure proper operation.
- **Alarm Response:** If the alarm sounds, evacuate all occupants immediately and call emergency services. Do not re-enter the premises until authorities declare it safe.
- **Battery:** The battery is sealed and non-removable. Do not attempt to replace it. The unit should be replaced after 10 years of operation or when the low battery warning sounds.

4. PACKAGE CONTENTS

Your Jemay 2-in-1 Smoke and Heat Detector package typically includes:

- Jemay 2-in-1 Smoke and Heat Detector Unit (2 units for 2-pack)
- Mounting Bracket
- Mounting Screws and Anchors
- User Manual (this document)

5. SETUP AND INSTALLATION

The Jemay 2-in-1 Smoke and Heat Detector is designed for easy, wire-free installation.

5.1 Choosing a Location

For optimal protection, install detectors:

- On every level of your home, including the basement.
- Inside each bedroom.
- Outside each sleeping area.
- In hallways or common areas.

Avoid installation in:

- Areas with high humidity (e.g., bathrooms, laundry rooms).
- Near cooking appliances or fireplaces (to prevent false alarms).
- Direct sunlight or near air vents.
- Areas with extreme temperatures (below 0°C or above 40°C).

5.2 Mounting the Detector

1. Select a suitable mounting location on a ceiling or wall, away from corners and obstructions.
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 mounting into drywall or plaster.
4. Secure the mounting bracket to the ceiling or wall using the provided screws.
5. Align the detector with the mounting bracket and twist clockwise until it clicks securely into place. The unit will automatically activate upon proper installation.

Easy to Install

Activates automatically upon installation, no hard wiring required



Image: Hands demonstrating the simple twist-on installation of the Jemay detector onto its mounting bracket.



Image: A diagram showing the mounting bracket and the screws used for installation, highlighting the twist-lock mechanism.

6. OPERATION

6.1 Initial Power-On

The detector automatically powers on when correctly attached to its mounting bracket. The LED indicator will flash green periodically to confirm normal operation.

6.2 Testing the Alarm

Test the alarm immediately after installation and monthly thereafter. To test:

- Press and hold the Test/Silence button located on the center of the detector.
- The alarm will sound a loud, pulsating siren, and the red LED will flash.
- Release the button. The alarm will stop, and the LED will return to its normal green flash.



Image: A finger pressing the central test/silence button on the Jemay detector.

6.3 Alarm Indication

- **Smoke/Heat Alarm:** When smoke or excessive heat is detected, the alarm will emit a loud, continuous siren (over 85dB) and the red LED will flash rapidly.
- **Normal Operation:** The green LED will flash approximately once every 60 seconds to indicate that the unit is functioning correctly.
- **Low Battery Warning:** The unit will chirp periodically and the red LED will flash to indicate a low battery. Since the battery is sealed, the entire unit must be replaced.

6.4 Silencing the Alarm

In case of a non-emergency alarm (e.g., cooking fumes), you can temporarily silence the alarm:

- Press the Test/Silence button once.
- The alarm will silence for approximately 9 minutes. The red LED will continue to flash every 10 seconds during the silence period.
- If the smoke or heat concentration remains high after the silence period, the alarm will reactivate.

7. MAINTENANCE

Regular maintenance ensures the longevity and proper functioning of your detector.

- **Monthly Testing:** Test the alarm monthly by pressing the Test/Silence button.
- **Cleaning:** Dust and debris can affect the detector's sensitivity. Gently vacuum the vents around the detector or wipe with a soft, damp cloth at least once a year. Do not use cleaning sprays or solvents.
- **Battery Replacement:** The 10-year battery is sealed and non-replaceable. When the low battery warning sounds, the entire unit must be replaced.
- **End of Life:** The detector has a service life of 10 years. After 10 years from the date of manufacture (indicated on the unit), the detector should be replaced, even if it appears to be functioning.

8. TROUBLESHOOTING

If you experience issues with your detector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Alarm sounds frequently without apparent fire.	False alarm due to steam, cooking fumes, dust, or high humidity.	Press the Test/Silence button to silence. Ventilate the area. Relocate the detector if false alarms persist due to environmental factors. Clean the detector.
Alarm does not sound during test.	Unit not properly activated or faulty.	Ensure the unit is securely twisted onto its mounting bracket. If still no response, the unit may be faulty and requires replacement.
Periodic chirping sound.	Low battery warning.	The 10-year battery is nearing its end of life. Replace the entire detector unit.
Red LED not flashing, or green LED not flashing.	Unit not powered or faulty.	Ensure the unit is correctly installed on its mounting bracket. If the issue persists, the unit may be faulty and requires replacement.

9. SPECIFICATIONS

Feature	Specification
Model Number	GS528A
Power Source	3V CR123A Lithium Ion Battery (Sealed, Non-Removable)
Sensor Type	Photoelectric
Alarm Volume	>85dB at 3 meters
Smoke Sensitivity	0.094-0.154db/m
Heat Sensitivity	54-70°C
Operating Humidity	Up to 93% RH (non-condensing)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Material	ABS
Dimensions	4.5 x 1.8 x 4.5 inches (114mm x 42.5mm)
Item Weight	13.1 ounces

Smoke & Heat Sensor

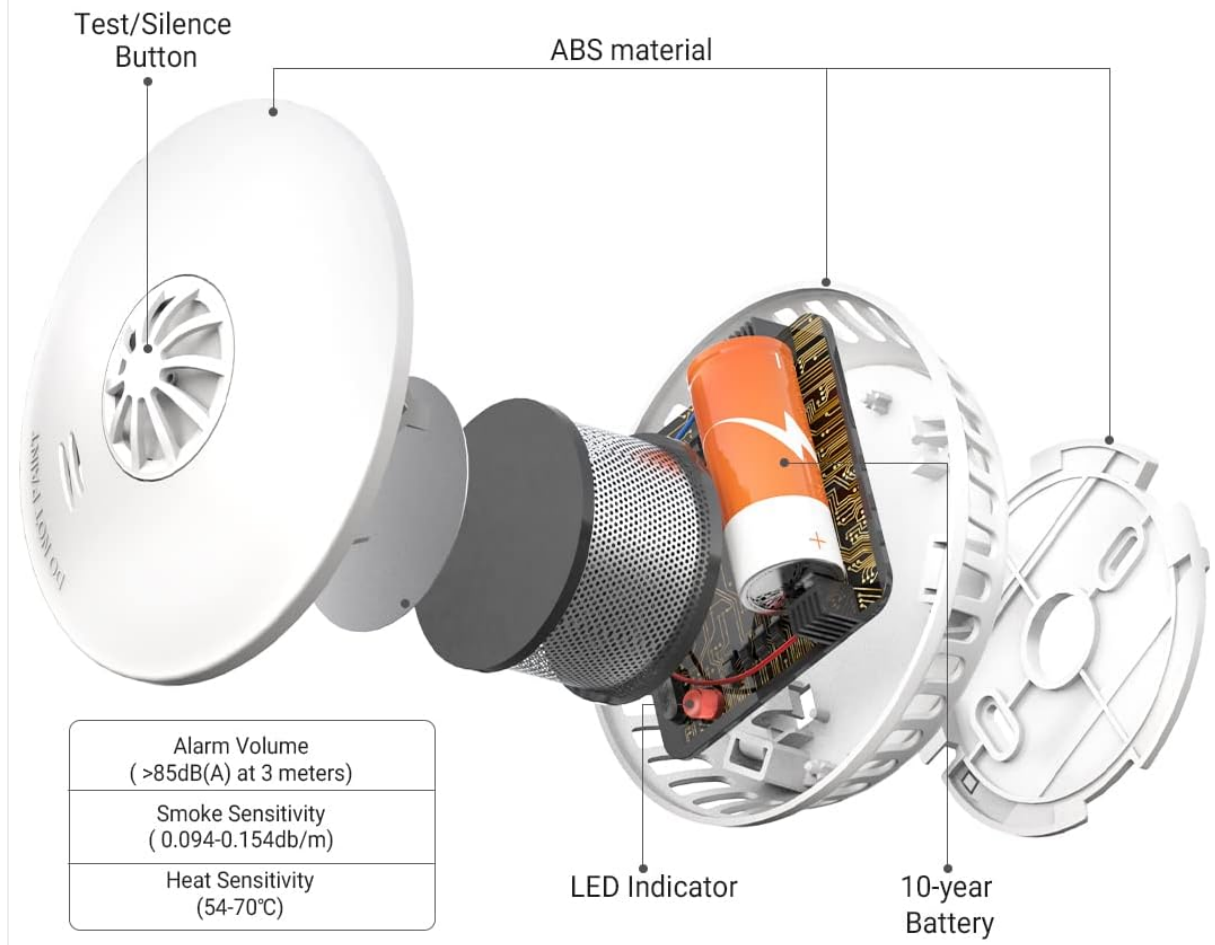


Image: An exploded view diagram of the detector, showing its internal components including the photoelectric sensor, 10-year battery, LED indicator, and ABS material casing.

Compact Design



Image: The Jemay detector with its dimensions clearly marked: 4.49 inches (114mm) diameter and 1.67 inches (42.5mm) thickness.



Image: An illustration highlighting the use of ABS material in the detector's construction, known for its durability and fire resistance.

10. WARRANTY AND SUPPORT

For specific warranty information and customer support, please refer to the documentation included with your purchase or contact Jemay directly through their official website or the retailer from whom the product

was purchased.

You can visit the official Jemay store for more information:[Jemay Store on Amazon](#)