

SITERWELL GS525A

SITERWELL Smoke Detector GS525A User Manual

Model: GS525A

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your SITERWELL GS525A Photoelectric Smoke Detector. Please read this manual thoroughly before installation and keep it for future reference. This device is designed to detect smoke and provide an audible alarm to alert occupants of a potential fire hazard.

IMPORTANT SAFETY INFORMATION

WARNING: This smoke alarm is designed to detect smoke particles. It cannot prevent a fire. For optimal safety, install multiple smoke alarms throughout your home.

- Test the smoke alarm weekly to ensure proper operation.
- Do not paint the smoke alarm. Paint can interfere with the sensor's ability to detect smoke.
- Do not install in areas with high humidity, extreme temperatures, or excessive dust.
- This smoke alarm contains a non-replaceable 10-year lithium battery. Do not attempt to replace the battery.
- If the alarm sounds, evacuate immediately and call emergency services.

PRODUCT FEATURES

The SITERWELL GS525A smoke detector is equipped with advanced features for reliable fire detection:

- **10-Year Sealed Battery:** Features a built-in 3V lithium battery designed to last for 10 years, eliminating the need for frequent battery changes.
- **Photoelectric Sensor:** Utilizes photoelectric technology for sensitive detection of slow smoldering fires, which produce light smoke.
- **UL217 Listed:** Meets the testing requirements of UL217 standards for smoke alarms.
- **Test/Mute Button:** Allows for easy testing of the alarm's functionality and silencing of nuisance alarms.

- **Low Battery and Fault Warning:** Provides clear indications when the battery is low or a fault is detected, prompting replacement.
- **Advanced Identification Technology:** Designed to filter out common household nuisances like cooking smoke and shower steam to reduce false alarms.
- **Compact Design:** A stylish and compact design that blends seamlessly into various home environments.
- **Multiple Installation Options:** Can be installed using either screws or magnetic adhesive pads.
- **85dB Audible Alarm:** Emits a loud 85-decibel pulsating alarm with a red LED indicator for maximum awareness.

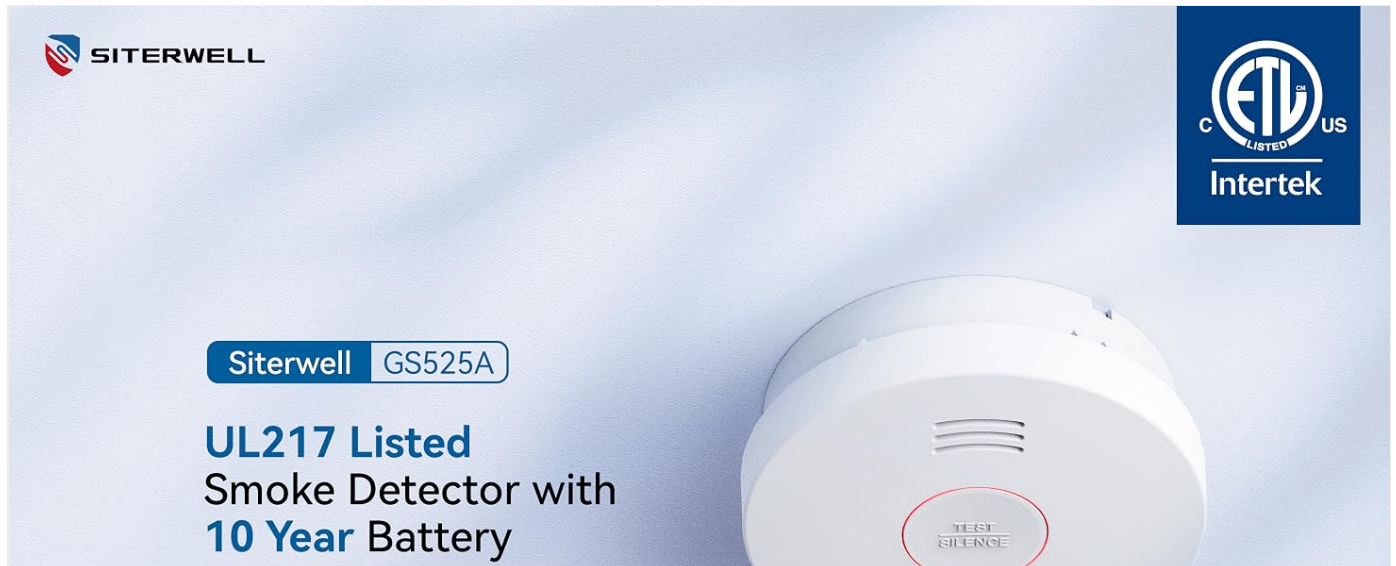


Image: SITERWELL Smoke Detector meeting UL217-10th Standards, indicating rigorous testing and certification for enhanced safety.

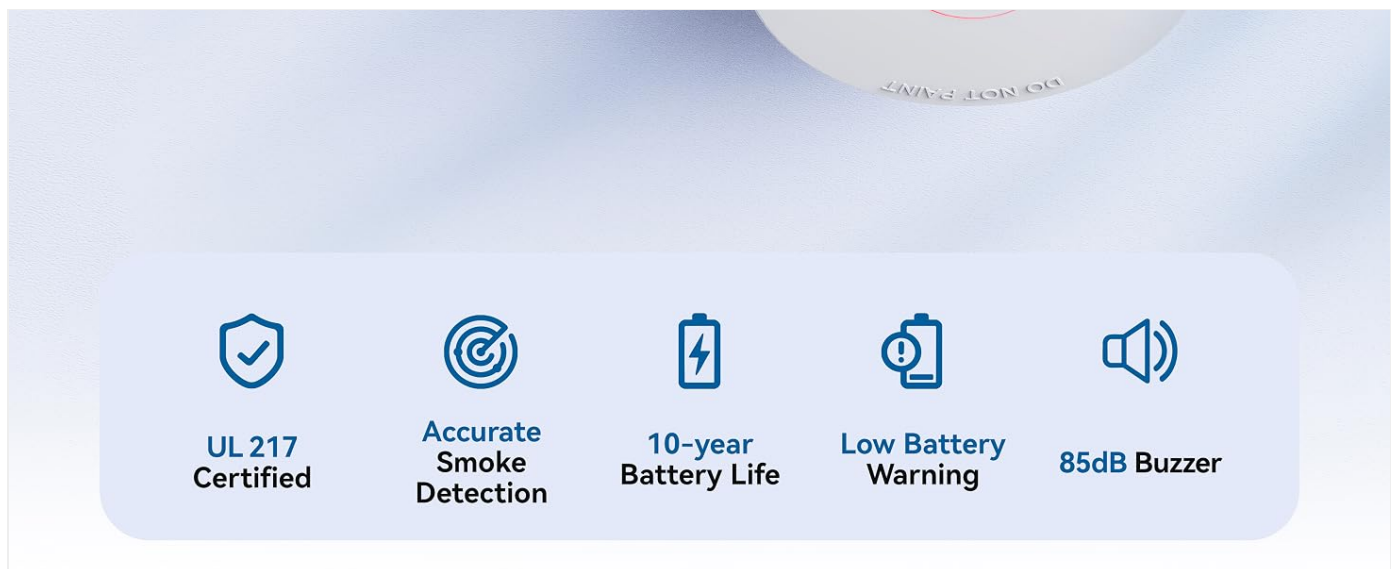


Image: Internal view of the SITERWELL Smoke Detector highlighting its 10-year sealed lithium battery, ensuring long-lasting protection.

UL217 Standard Certified



Image: The SITERWELL Smoke Detector mounted on a wall, illustrating its advanced photoelectric sensor for speed and precision in smoke detection.

SETUP AND INSTALLATION

Proper installation is crucial for the effective operation of your smoke detector. Choose a location free from obstructions and away from sources of false alarms.

1. Activation Before Installation

Before mounting, pull out the battery tab to activate your smoke alarm. The device must be activated prior to installation. Failure to do so will prevent proper operation.

2. Choosing a Location

Install smoke alarms in every sleeping room and on every level of your home, including the basement. For best results, place them in the center of the ceiling. Avoid placing them:

- Within 10 cm (4 inches) of a wall or corner (for ceiling mount).
- Within 12 inches (30.5 cm) of the highest point of an A-frame or sloped ceiling.
- Near windows, doors, or air vents that could interfere with smoke reaching the sensor.
- In kitchens, bathrooms, or garages where cooking fumes, steam, or exhaust fumes could cause false alarms.



Image: Diagram illustrating optimal and acceptable placement of smoke detectors on ceilings and walls, including considerations for sloped ceilings.

3. Mounting Options

Your SITERWELL GS525A smoke detector offers two installation methods:

Installation with Screws:

1. Hold the mounting bracket against the ceiling or wall in the desired location and use a pencil to mark the positions for the screw holes.
2. Drill holes at the marked locations and insert the provided screw anchors.
3. Align the bracket with the holes and fasten the screws into the anchors, being careful not to over-tighten.
4. Attach the alarm by rotating it onto the bracket until it locks in place.
5. Test the device by pressing and holding the TEST/SILENCE button to ensure the alarm sounds according to the alarm pattern. The alarm should sound three beeps followed by a 1.5-second pause, repeating until the button is released.



Image: Detailed steps for installing the smoke detector using screws, showing the bracket, screws, and the detector locking into place.

Installation with Magnetic Mounting:

1. **Prepare Ceiling Base:** Clean the dry surface, remove the protective foil from the magnetic adhesive pad, and press firmly for 10 seconds (edges first). For weak adhesion, drill a 5mm hole, insert a plug, and secure with a screw. Ensure the mounting surface is stable, dry, and free of dust.
2. **Attach Alarm Unit:** Align the magnetic base with the ceiling hook and rotate clockwise until locked.
3. **Critical:** Wait 6 hours after activation before testing for optimal adhesion.
4. **Test:** Press and hold the test button for more than 3 seconds. Release within 2 seconds. The unit will generate a "beep" indicating it is activated and ready to detect smoke.

Dual-wave Technology Distinguishes Non-fire Smoke

Accurate smoke detection minimizes false alarms during cooking, so you can focus on creating.



Image: Visual guide demonstrating the magnetic mounting option for the smoke detector, showing the adhesive pad and how it attaches to the unit.



Image: Contents of the SITERWELL Smoke Detector package, including the detector, user manual, mounting hardware (screws and magnetic pads).

OPERATING INSTRUCTIONS

Normal Operation

Under normal conditions, the smoke detector will periodically flash its LED indicator to show it is functioning correctly. There will be no audible alarm.

Testing the Alarm

Press and hold the "TEST/SILENCE" button located on the front of the alarm. The alarm will sound a series of three loud beeps, followed by a 1.5-second pause, repeating this pattern. Release the button to stop the test. Test your alarm weekly.



Image: Close-up of the SITERWELL Smoke Detector showing the Test/Silence button, 85dB buzzer, low battery warning indicator, and 360° smoke inlet.

Silencing Nuisance Alarms

If the alarm sounds due to non-emergency smoke (e.g., cooking fumes), press the "TEST/SILENCE" button to temporarily silence the alarm for approximately 10 minutes. The alarm will automatically reset after the silence period if the smoke has cleared. If smoke is still present, the alarm will reactivate.

Alarm Indication

When smoke is detected, the alarm will emit a loud 85dB pulsating sound and the red LED will flash rapidly.

Your browser does not support the video tag.

Video: An official SITERWELL video demonstrating the features and operation of the 10-year battery smoke detector, including its alarm sound and photoelectric sensor capabilities.

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Video: An official SITERWELL video showcasing the 10-year battery life and key functionalities of the smoke detector, emphasizing its reliability.

MAINTENANCE

Regular maintenance ensures your smoke detector remains functional and reliable.

- **Weekly Testing:** Test the alarm weekly by pressing the "TEST/SILENCE" button.
- **Cleaning:** Gently vacuum the cover of the smoke alarm once a month using a soft brush attachment to remove dust and debris. Do not use water or cleaning solvents.
- **Battery Life:** The built-in lithium battery is designed for 10 years of operation. When the battery is low, the alarm will

chirp periodically (e.g., once every 40-60 seconds) and the LED will flash. This indicates the unit needs to be replaced.

- **Fault Warning:** If the alarm sends a fault signal (different from a low battery chirp, consult the specific sound pattern in the full manual if available), the product must be replaced immediately.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm chirps periodically (e.g., every 40-60 seconds)	Low battery warning.	Replace the entire smoke detector unit. The battery is not replaceable.
Alarm sounds frequently without visible smoke	Nuisance alarm due to cooking fumes, steam, or dust.	Press the TEST/SILENCE button. Relocate the alarm if it's consistently triggered by non-fire sources. Clean the alarm.
Alarm does not sound during test	Not activated, faulty unit, or battery depleted.	Ensure the battery tab was pulled for activation. If activated and still not working, replace the unit.
Alarm emits a fault signal (specific pattern, refer to full manual)	Internal fault detected.	Replace the entire smoke detector unit immediately.

SPECIFICATIONS

Feature	Detail
Model Number	GS525A
Sensor Type	Photoelectric
Power Source	Built-in DC3V Lithium Battery (non-replaceable, 10-year life)
Alarm Loudness	85 dB at 3 meters (10 feet)
Product Dimensions	3.93"D x 3.93"W x 1.38"H (100mm x 100mm x 35.1mm)
Item Weight	6.38 ounces
Operating Temperature	Up to 37.8 Degrees Celsius (100°F)
Material	Polycarbonate
Certifications	UL217 Listed

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official SITERWELL website or contact their customer service. Keep your purchase receipt as proof of purchase.

Note: Only purchase from Siterwell's official website or authorized resellers to ensure genuine quality and support. Unauthorized use of Siterwell branding and product information is prohibited and subject to legal action.



Image: Warning against counterfeit SITERWELL products, advising customers to purchase only from official or authorized channels.

