

Kidde i9010

Kidde i9010 Smoke Detector Instruction Manual

Model: i9010

Brand: Kidde

INTRODUCTION

The Kidde i9010 Smoke Detector is designed to provide early warning of fire. This device utilizes ionization sensor technology to detect invisible fire particles, commonly associated with flaming fires. It features a 10-year sealed lithium battery, eliminating the need for battery replacement throughout the unit's lifespan. LED indicators provide visual status, and a test-hush button allows for easy testing and temporary silencing of nuisance alarms.

KEY FEATURES

- **Ionization Sensor Technology:** Detects invisible fire particles from flaming fires.
- **10-Year Sealed Lithium Battery:** Provides continuous power for 10 years without replacement, ensuring protection even during power outages.
- **LED Indicators:** A solid green LED confirms power, while a red LED indicates smoke/fire detection.
- **85-Decibel Alarm:** Sounds a loud alarm upon smoke or fire detection.
- **Test-Hush Button:** Allows for easy testing of the alarm's functionality and temporary silencing of nuisance alarms (e.g., from cooking steam).
- **Tamper-Resistant Technology:** Designed to deter unauthorized removal of the unit or battery.
- **Replacement Alert:** The unit will chirp to indicate when it needs to be replaced after its 10-year lifespan.
- **UL Listed:** Certified to meet safety standards.



Image: Front view of the Kidde i9010 Smoke Detector, highlighting the test/hush button and ventilation grilles.

SETUP AND INSTALLATION

The Kidde i9010 Smoke Detector is designed for easy, wiring-free installation. It activates automatically when attached to the mounting bracket.

Recommended Placement:

- Install a smoke detector on every level of your home.
- Place detectors near bedrooms and sleeping areas.
- Consider installing in hallways leading to sleeping areas.
- Avoid placing detectors within 6 feet of appliances that produce combustion particles (e.g., furnaces, water heaters, space heaters).
- Do not place in kitchens or bathrooms where steam or cooking fumes can cause nuisance alarms.

Home Safety Product Placement Guide

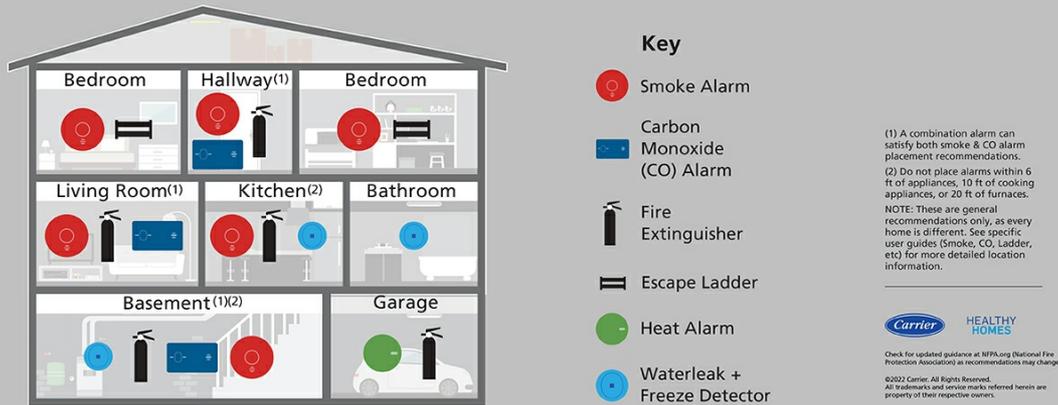


Image: Diagram illustrating recommended placement of smoke alarms, carbon monoxide alarms, and fire extinguishers throughout a home.

Installation Steps:

- 1. Prepare Mounting Location:** Choose a suitable location on the ceiling or wall, ensuring it is free from obstructions and meets placement guidelines.
- 2. Install Mounting Bracket:** Use the provided screws and anchors to securely attach the mounting bracket to the ceiling or wall.
- 3. Attach Smoke Detector:** Align the smoke detector with the mounting bracket and twist it clockwise until it locks into place. The unit will automatically activate upon proper attachment.
- 4. Test the Alarm:** Press and hold the Test/Hush button for a few seconds until the alarm sounds. This confirms proper operation.



Self Activation

Alarm automatically activates
when attached to the mounting bracket

Image: A person installing the Kidde i9010 Smoke Detector on a ceiling, demonstrating the self-activation feature.



Test/Reset Button

Tests unit's circuit operation



Image: A hand pressing the test/reset button on an installed Kidde i9010 Smoke Detector.

Your browser does not support the video tag.

Video: Official Kidde video demonstrating the installation and testing of the Sealed Lithium Battery Power Smoke Detector Alarm.

OPERATION

LED Indicators:

- **Solid Green LED:** Indicates the alarm is receiving power and functioning correctly.
- **Red LED (Flashing/Solid):** Indicates smoke or fire detection.

Test/Hush Button:

- **Testing:** Press and hold the button until the alarm sounds to verify its functionality. Test weekly.
- **Hushing Nuisance Alarms:** If the alarm sounds due to non-emergency conditions (e.g., cooking fumes, steam, dust), press the button to temporarily silence it. The alarm will automatically reset after a short period.

MAINTENANCE

Battery:

The Kidde i9010 features a 10-year sealed lithium battery that does not require replacement. The battery is designed to last the entire lifespan of the smoke detector.

Replacement Alert:

After approximately 10 years, the smoke detector will emit a series of chirps to indicate that it has reached the end of its operational life and needs to be replaced. It is crucial to replace the entire unit at this time to ensure continued protection.

Cleaning:

Regularly clean your smoke detector to prevent dust and debris buildup, which can affect its performance. Use a soft brush or vacuum cleaner nozzle to gently clean around the perimeter of the alarm. Do not paint the unit.



Image: The back of the Kidde i9010 Smoke Alarm, detailing important warnings, disposal instructions, and the recommended replacement date.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm chirps periodically.	End-of-life warning.	Replace the entire smoke alarm unit.
Alarm sounds frequently without apparent smoke.	Nuisance alarm (e.g., cooking fumes, steam, dust).	Press the Test/Hush button to silence. Clean the unit if dust is present. Relocate if consistently triggered by normal activities.
Alarm does not sound during test.	Unit not activated or malfunction.	Ensure the unit is properly twisted onto the mounting bracket. If still not working, replace the unit.

SPECIFICATIONS

Feature	Detail
Model Number	i9010
Power Source	10-Year Sealed Lithium Battery
Sensor Type	Ionization
Alarm Loudness	85 Decibels
Product Dimensions	1.55"D x 5.6"W x 5.6"H
Item Weight	8 ounces
Operating Humidity	5% to 85% relative humidity, non-condensing
Upper Temperature Rating	37.8 Degrees Celsius
Certifications	UL 217, NFPA72 (chapter 11 2002 edition), NFPA101 (One and two-family dwellings), Federal Housing Authority (FHA)

WARRANTY AND SUPPORT

The Kidde i9010 Smoke Detector comes with a **10-year limited manufacturer's warranty** on the alarm unit itself. This warranty does not cover battery performance claims, as the battery is sealed for the life of the unit. The warranty period begins when the alarm is powered on. If the power-on date is unknown, it is assumed the alarm should be replaced after 10 years from the manufacturing date.

For further assistance or to register your product, please visit the official Kidde website or refer to the user manual included with your product.

