

First Alert SMI110

# First Alert SMI110 10-Year Sealed Battery Smoke Alarm Instruction Manual

Comprehensive guide for the First Alert SMI110 Precision Detection Smoke Alarm, covering installation, operation, maintenance, and safety information.

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## 1. INTRODUCTION

The First Alert SMI110 10-Year Sealed Battery Smoke Alarm is designed to provide reliable protection against fire hazards. This device incorporates Precision Detection advanced sensing technology to minimize nuisance alarms from cooking while ensuring early warning in the event of a home fire. Its 10-year sealed battery eliminates the need for battery replacements throughout the alarm's lifespan, simplifying maintenance.

This manual provides detailed instructions for the proper installation, operation, and maintenance of your First Alert SMI110 smoke alarm to ensure optimal performance and safety.

## 2. KEY FEATURES

- **Precision Detection Technology:** Advanced sensing technology complies with new industry standards to reduce cooking nuisance alarms and provides early warning in the event of a home fire emergency.
- **10-Year Sealed Battery:** Eliminates battery replacements and low battery chirps for the life of the alarm, offering continuous power for a decade.
- **End-of-Life Warning:** Notifies you when it's time to replace the alarm, ensuring ongoing protection.
- **Test/Silence Button:** Allows for efficient testing to ensure the alarm is working properly and temporarily silences nuisance alarms.

## 3. SETUP AND INSTALLATION

### 3.1 Unpacking the Alarm

Carefully remove the smoke alarm from its packaging. Inspect the unit for any signs of damage. The package should contain the smoke alarm unit, a mounting bracket, and screws with drywall anchors.



## No Battery Replacements

or chirps\* for the life of the alarm

Figure 1: Front view of the First Alert SMI110 Smoke Alarm, showing the test/silence button and speaker grille.



Figure 2: Side view of the First Alert SMI110 Smoke Alarm, illustrating its compact design.

### 3.2 Activating the Battery

The First Alert SMI110 features a sealed 10-year lithium battery. To activate the battery, you must remove the yellow pull tab located on the back of the unit. Once the tab is removed, the alarm will be powered on. The unit will chirp once to confirm activation.



**Most trusted brand in fire safety\***

Figure 3: Back view of the First Alert SMI110 Smoke Alarm, showing the yellow pull tab for battery activation.

### 3.3 Recommended Placement

For optimal protection, install smoke alarms on every level of your home and inside every bedroom. Consider additional alarms in hallways and living areas. Avoid placing alarms directly above cooking appliances or in areas with high humidity, which can lead to nuisance alarms.



Early Warning



Less Nuisance



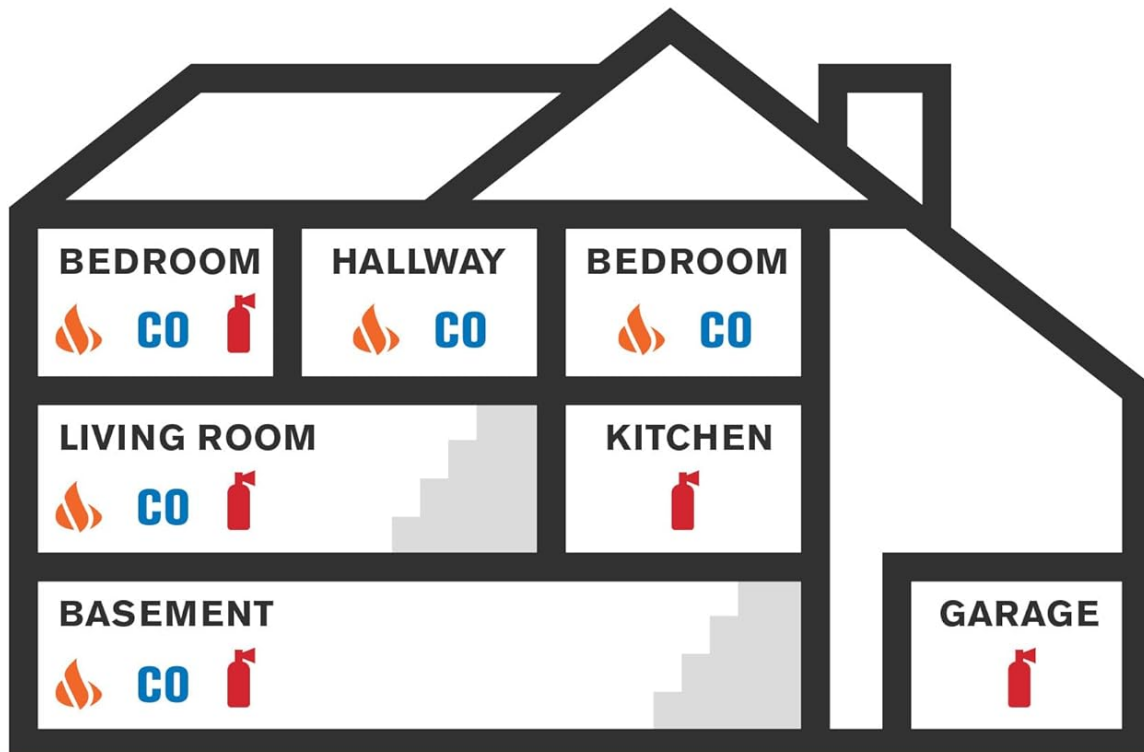
Figure 4: Illustration of recommended smoke alarm placement, including bedrooms, hallways, and each level of a home.

### 3.4 Mounting the Alarm

Attach the mounting bracket to a wall or ceiling using the provided screws and drywall anchors. Once the bracket is securely installed, align the smoke alarm with the bracket and twist clockwise until it locks into place. Ensure the alarm is firmly attached to prevent accidental dislodgement.

# Recommended Placement

Add peace of mind to every level and every bedroom.



Smoke  
Alarms



Carbon  
Monoxide Alarms



Fire  
Extinguishers

Figure 5: A person installing the smoke alarm on a ceiling, demonstrating the ease of installation.

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Video 1: An overview video demonstrating the features and installation process of the First Alert SMI110 smoke alarm. This video is provided by the seller, US Resideo LLC - FA.

## 4. OPERATING INSTRUCTIONS

### 4.1 Testing the Alarm

After installation, and at least once a week, test your smoke alarm by pressing and holding the Test/Silence button. The alarm will emit a loud, piercing sound (approximately 85 dB) to indicate it is functioning correctly. The LED indicator will also flash during the test. Release the button to stop the test.

### 4.2 Silence Feature

In case of a nuisance alarm (e.g., from cooking smoke), press the Test/Silence button to temporarily mute the alarm for approximately 8 minutes. The alarm will automatically reset after this period to ensure continuous protection. If the smoke condition persists, the alarm will reactivate.

### 4.3 LED Indicator

The LED indicator light provides visual alerts:

- **Normal Operation:** The LED will flash briefly every 60 seconds, indicating the alarm is powered and functioning correctly.
- **Alarm Condition:** The LED will flash rapidly along with the audible alarm.
- **Silence Mode:** The LED will flash every 10 seconds during the temporary silence period.
- **End-of-Life Warning:** The LED will flash twice every 60 seconds, accompanied by a chirp, indicating the unit needs to be replaced.

## 5. MAINTENANCE

### 5.1 Regular Testing

Test your smoke alarm weekly to ensure it is operating correctly. Follow the instructions in Section 4.1.

### 5.2 Cleaning the Alarm

Dust and debris can affect the performance of your smoke alarm. Clean the alarm at least once a month by gently vacuuming the cover and vents with a soft brush attachment. Do not paint the alarm, as this can interfere with the sensor's ability to detect smoke.

### 5.3 End-of-Life Replacement

The First Alert SMI110 smoke alarm has a 10-year sealed battery and a 10-year operational life. After 10 years from the date of manufacture, the alarm will provide an end-of-life warning (two chirps and two LED flashes every 60 seconds). When this occurs, the entire unit must be replaced to maintain fire safety protection.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm sounds frequently without apparent smoke.	Nuisance alarm from cooking, steam, or dust.	Press the Test/Silence button. Relocate the alarm if nuisance alarms persist in a specific area. Clean the alarm regularly.
Alarm does not sound during test.	Battery not activated, unit faulty, or end-of-life.	Ensure the yellow pull tab is removed. If recently activated, ensure it's properly seated on the mounting bracket. If the unit is past its 10-year life, replace it. If new and still not working, contact customer support.
Chirping sound every 60 seconds.	End-of-life warning.	The alarm has reached the end of its operational life. Replace the entire smoke alarm unit immediately.

## 7. SPECIFICATIONS

- **Model:** SMI110
- **Brand:** First Alert
- **Power Source:** 10-Year Sealed Lithium Battery (included)
- **Sensor Type:** Ionization (Precision Detection)
- **Alarm Loudness:** 85 dB at 10 feet
- **Product Dimensions:** 5.6"D x 5.6"W x 2"H
- **Operating Humidity:** 10-95% RH

- **Color:** White
- **Item Weight:** 10.8 ounces

## 8. WARRANTY AND SUPPORT

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The First Alert SMI110 Smoke Alarm is designed for a 10-year operational life, backed by its sealed 10-year battery. For specific warranty details, including coverage and duration, please refer to the documentation included with your product or visit the official First Alert website. If you encounter any issues not covered in this manual or require further assistance, please contact First Alert customer support.

**Manufacturer:** Resideo

For additional resources and support, you may visit the [First Alert Store on Amazon](#).