First Alert SMI105-AC

First Alert SMI105-AC Hardwire Smoke Alarm with 10-Year Battery Backup User Manual

MODEL: **SMI105-AC**

Brand: First Alert

INTRODUCTION

The First Alert SMI105-AC Interconnect Hardwire Smoke Alarm with 10-Year Battery Backup utilizes First Alert's Precision Detection advanced sensing technology. This alarm is designed to meet new industry standards, reducing nuisance alarms from cooking while providing early warning in the event of a home fire emergency. Its interconnectivity feature allows multiple compatible alarms to sound simultaneously throughout your home. The integrated 10-year battery backup ensures continuous protection even during power outages.

Image: Front view of the First Alert SMI105-AC smoke alarm, highlighting the 10-year battery backup feature.

SAFETY INFORMATION

- **WARNING:** This unit is locked with no serviceable parts. The backup battery is not replaceable. If power is interrupted and the backup battery is dead or missing, maintenance and testing must be performed as indicated below. Exposure to high or low temperature or high humidity may reduce battery life.

- **IMPORTANT:** This unit can only be interconnected with other compatible smoke, CO, and/or heat alarms up to a maximum limit of 18 total, of which 12 can be smoke alarms. Refer to the user's manual for detailed instructions.

- **IMPORTANT:** This smoke alarm contains a maximum of 1.0 microcuries (37KBQ) of Americium 241, a radioactive material distributed under U.S. NRC License No. 12-23809-01E and is made in compliance with U.S. NRC safety criteria in 10CFR32.27. The purchaser is exempt from any regulatory requirements.

PACKAGE CONTENTS

Your First Alert SMI105-AC smoke alarm package should include the following items:

- First Alert SMI105-AC Smoke Alarm Unit

- Mounting Bracket
- Wire Harness (Easy Adapter Plug)
- Mounting Screws
- User's Manual

Image: The smoke alarm unit, mounting bracket, wire harness, and screws included in the package.

Setup and Installation

Follow these steps for proper installation of your First Alert SMI105-AC smoke alarm:

1. **Turn Off Power:** Before beginning any electrical work, ensure the power to the circuit where you will install the alarm is turned off at the main breaker.

2. **Remove Old Alarm (if applicable):** Carefully remove any existing smoke alarm from its mounting bracket and disconnect its wiring.

3. **Install Mounting Bracket:** Secure the new mounting bracket to the electrical box on your ceiling or wall using the provided screws.

4. **Connect Wiring:** Connect the wire harness from the alarm to your home's electrical wiring. Match black to line, white to neutral, and orange to interconnect (if connecting multiple alarms). Ensure all connections are secure.

5. **Activate Battery Backup:** Remove the clear plastic pull tab from the side of the alarm to activate the internal 10-year battery backup.

6. **Attach Alarm Unit:** Align the smoke alarm unit with the mounting bracket and twist clockwise until it locks securely into place.

7. **Restore Power:** Turn the power back on at the main breaker.

8. **Test Alarm:** Press and hold the 'Test/Silence' button on the front of the alarm until it sounds. This confirms proper operation.

Image: A man installing the First Alert SMI105-AC smoke alarm on a ceiling, demonstrating the hardwire connection process.

Your browser does not support the video tag.

Video: SMI105-AC Overview Video. This video provides an overview of the First Alert SMI105-AC smoke alarm, highlighting its features, installation process, and testing procedures.

OPERATING INSTRUCTIONS

The First Alert SMI105-AC smoke alarm is designed for simple operation and clear alerts:

- **Test/Silence Button:** Press the large button on the front of the alarm to test its functionality. If the alarm is sounding due to a non-emergency (e.g., cooking smoke), pressing this button will temporarily silence
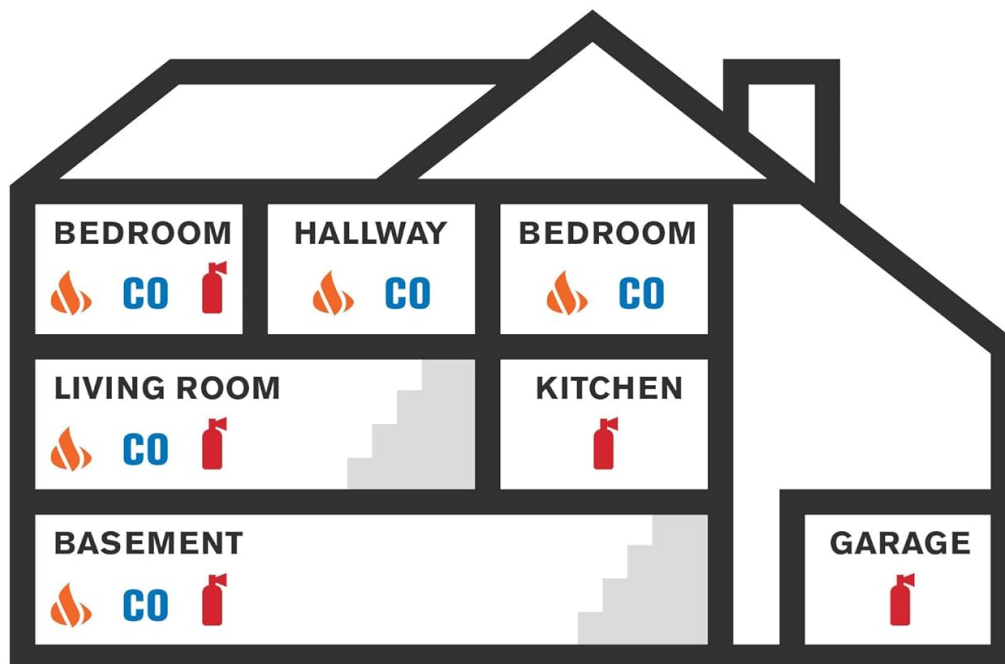
it.

- **Alarm Guide:**

  - **3 Beeps:** Indicates a smoke alarm.
  - **3 Chirps every Minute:** Indicates a malfunction. Replace the alarm.
  - **5 Chirps every Minute, LED Flashes 2 sec on/2 sec off:** Indicates low battery. Replace the alarm.
  - **5 Chirps every Minute, 5 LED Flashes:** Indicates end-of-life. Replace the alarm.

Recommended Placement
Add peace of mind to every level and every bedroom.

BEDROOM	HALLWAY	BEDROOM
LIVING ROOM		KITCHEN
BASEMENT		GARAGE

🔥 Smoke Alarms   CO Carbon Monoxide Alarms   🧯 Fire Extinguishers

Image: A man testing the smoke alarm by pressing the test/silence button on the installed unit.

MAINTENANCE

Regular maintenance ensures the longevity and proper function of your smoke alarm:

- **Cleaning:** Gently vacuum or use clean compressed air to remove accumulated dust monthly. Avoid using water, cleaners, or solvents, as these may damage the unit.
- **Testing:** Press the test button after installation, weekly, and after cleaning to check all alarm functions.
- **Replacement:** Replace the alarm unit at least every 10 years from the manufactured date. The alarm will provide an end-of-life warning (5 chirps every minute, 5 LED flashes) when it's time for replacement.

TROUBLESHOOTING

If your smoke alarm is behaving unexpectedly, refer to the Alarm Guide in the Operating Instructions section for common alerts and their meanings. Ensure regular cleaning and testing are performed. If a malfunction or end-of-life warning persists, the unit should be replaced.

SPECIFICATIONS

Feature	Detail
Model Number	SMI105-AC
Power Source	Hardwire (120V AC ~ 60 Hz, 0.05A) with 10-Year Battery Backup
Sensor Type	Ionization (Precision Detection)
Smoke Sensitivity	0.95%/ft. obs ± 25%
Product Dimensions	5.6"D x 5.6"W x 2"H
Item Weight	0.7 Pounds (11.2 ounces)
Operating Humidity	10-95% RH
Manufacturer	Resideo
UPC	029054022615
Included Components	Easy Adapter Plug

WARRANTY AND SUPPORT

For customer service or warranty inquiries, please contact:

Customer Service Team: 1-800-323-9005

Manufacturer: Resideo Technologies, Inc. and its Affiliates

Address: 1301 Joe Battle, El Paso, TX, 79936 USA

Website: firstalert.com