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› [First Alert P910 10-Year Maximum Protection Photoelectric Smoke and Fire Detector User Manual](#)

First Alert P910

First Alert P910 10-Year Maximum Protection Photoelectric Smoke and Fire Detector

Model: P910 | Brand: First Alert

INTRODUCTION

The First Alert P910 Photoelectric Smoke and Fire Detector is designed to provide continuous protection against smoke and fire hazards in your home. Featuring a 10-year sealed lithium battery, this alarm eliminates the need for battery replacements for the life of the unit, offering hassle-free operation and peace of mind. Its photoelectric sensing technology is optimized to detect slow, smoldering fires and reduce nuisance alarms from cooking smoke or steam.



Image: The First Alert P910 Photoelectric Smoke and Fire Detector, showcasing its compact and sleek white design.

IMPORTANT SAFETY INFORMATION

Please read this manual thoroughly before installation and use. Keep this manual for future reference. This smoke alarm is designed for residential use only. It is not intended for use in non-residential buildings or for commercial or industrial applications.

- **Do not paint** the smoke alarm. Paint can clog the openings and interfere with the sensor's ability to detect smoke.
- **Do not install** in locations where the temperature is below 40°F (4.4°C) or above 100°F (37.8°C).
- **Do not install** in locations where humidity is below 10% or above 95% relative humidity (non-condensing).
- **Test the smoke alarm weekly** to ensure proper operation.
- **Never ignore a smoke alarm.** Investigate the cause of any alarm and take appropriate action.

PRODUCT FEATURES

- **10-Year Sealed Battery:** Eliminates battery replacements for the life of the alarm.
- **Photoelectric Sensor:** Optimized for detecting slow, smoldering fires and reducing nuisance alarms.
- **Patented Smoke Entry System:** Allows for a direct path to the photoelectric smoke sensor, enhancing detection efficiency.
- **Sleek, Compact Design:** Modern aesthetic that blends seamlessly with home decor.
- **Compliance:** Meets current 10-year legislation requirements in applicable states/cities.

Patented Smoke Entry System



Allows for direct path to smoke sensor to reduce false alarms.

Image: Diagram illustrating the patented smoke entry system, which provides a direct path for smoke to reach the internal sensor, minimizing false alarms.



Image: An internal view of the smoke detector highlighting the photoelectric sensor, responsible for detecting smoke particles.

PACKAGE CONTENTS

Your First Alert P910 package includes:

- 1 x First Alert P910 Photoelectric Smoke and Fire Detector
- Mounting Bracket
- Mounting Hardware (screws and anchors)
- User Manual (this document)

SETUP AND INSTALLATION

Proper placement and installation are crucial for the effective operation of your smoke alarm. Follow these guidelines:

1. **Choose the Right Location:** Install at least one smoke alarm on every level of your home, including basements and in every bedroom. For best protection, install alarms in hallways outside of sleeping areas.
2. **Avoid Problem Areas:** Do not install near windows, doors, or forced-air vents where drafts could interfere with smoke reaching the alarm. Keep alarms at least 20 feet (6 meters) away from appliances that produce combustion particles (furnaces, water heaters, space heaters) and cooking appliances.
3. **Mounting:**
 - For ceiling mounting, place the alarm in the center of the ceiling.
 - For wall mounting, the top of the alarm should be between 4 and 12 inches (10 and 30 cm) from the ceiling.
4. **Installation Steps:**

- Attach the mounting bracket to the ceiling or wall using the provided screws and anchors.
- Align the alarm with the mounting bracket and twist clockwise until it locks into place.
- The alarm will activate automatically once mounted.



Image: A diagram illustrating recommended placement of smoke and carbon monoxide alarms, and fire extinguishers, throughout a typical home structure.



Image: The First Alert P910 smoke detector discreetly installed on a wall, demonstrating its sleek profile in a contemporary living space.

OPERATING INSTRUCTIONS

Testing the Alarm

Test your smoke alarm weekly to ensure it is functioning correctly.

1. Press and hold the Test/Silence button on the alarm cover.
2. The alarm will sound a loud, pulsating alarm. This indicates the alarm is working.
3. Release the button. The alarm will stop.

If the alarm does not sound during testing, refer to the Troubleshooting section.

Silencing a Nuisance Alarm

If a non-emergency situation (e.g., cooking smoke) causes the alarm to sound, you can temporarily silence it:

1. Press the Test/Silence button.
2. The alarm will enter a temporary silence mode for approximately 10 minutes.
3. The alarm will automatically reset after the silence period if the smoke has cleared. If smoke is still present, the alarm will reactivate.

Caution: Do not use the silence feature for actual fire conditions. Always evacuate immediately if a real fire is suspected.

MAINTENANCE

Cleaning Your Smoke Alarm

Clean your smoke alarm at least once a month to remove dust and debris that can interfere with its operation.

- Use a soft brush attachment on your vacuum cleaner to gently vacuum the alarm's cover and vents.
- Do not use water, cleaners, or solvents, as they may damage the unit.
- Do not paint the alarm.

Battery Information

The First Alert P910 is equipped with a sealed 10-year lithium battery. This battery is designed to power the alarm for its entire lifespan under normal operating conditions. The battery is not replaceable. When the alarm reaches the end of its 10-year life, it will chirp periodically to indicate it needs to be replaced. Replace the entire unit at this time.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm sounds frequently without apparent smoke.	Nuisance alarms from cooking, steam, or humidity. Dust or debris in the alarm.	<ul style="list-style-type: none">• Relocate the alarm further from cooking areas or bathrooms.• Clean the alarm as described in the Maintenance section.• Use the silence feature if appropriate.

Problem	Possible Cause	Solution
Alarm does not sound during testing.	Unit not properly activated or faulty.	<ul style="list-style-type: none"> Ensure the alarm is correctly twisted onto its mounting bracket. If still unresponsive, the unit may be faulty and needs replacement.
Alarm chirps periodically (e.g., once every 30-60 seconds).	End-of-life warning.	<ul style="list-style-type: none"> The alarm has reached the end of its 10-year lifespan. Replace the entire unit immediately.

SPECIFICATIONS

Model Number	P910
Sensor Type	Photoelectric
Power Source	Sealed 10-Year Lithium Battery (3V)
Alarm Type	Audible
Operating Temperature	40°F (4.4°C) to 100°F (37.8°C)
Operating Humidity	10% to 95% Relative Humidity (non-condensing)
Dimensions (LxWxH)	12.5 x 2.44 x 12.5 cm (approx.)
Weight	204 g (approx.)
Color	White
Manufacturer	Jarden Safety
UPC	029054012203

WARRANTY AND SUPPORT

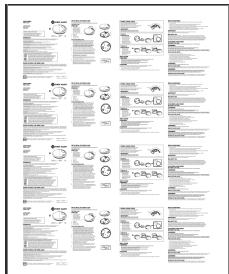
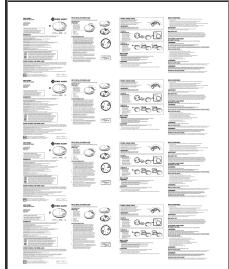
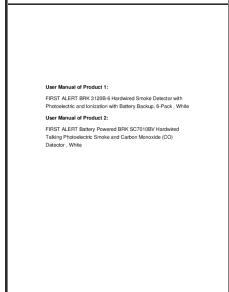
10-Year Limited Warranty

First Alert provides a 10-year limited warranty on this smoke alarm from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service. The warranty does not cover damage resulting from accident, misuse, abuse, or lack of reasonable care of the product. For full warranty details, please refer to the documentation included with your product or contact customer support.

Customer Support

For technical assistance, warranty claims, or general inquiries, please contact First Alert Customer Support. Contact information can typically be found on the product packaging or the official First Alert website.

Related Documents - P910

	<p>First Alert PR710A Photoelectric Smoke Alarm: User Manual & Installation Guide</p> <p>Comprehensive guide for the First Alert PR710A 10-year sealed battery photoelectric smoke alarm. Covers features, installation, testing, maintenance, safety, limitations, and warranty.</p>
	<p>First Alert P1210 Smoke and Fire Alarm User Manual and Installation Guide</p> <p>Comprehensive guide for the First Alert P1210 10-year sealed battery photoelectric smoke alarm, covering introduction, key features, fire safety tips, installation instructions, recommended locations, operation, maintenance, troubleshooting, and limited warranty.</p>
	<p>First Alert 3120B Photo & Ion Smoke Alarm User Manual</p> <p>This user manual provides comprehensive instructions for the First Alert 3120B AC-powered photo and ionization smoke alarm with battery backup. It covers installation, operation, maintenance, safety tips, troubleshooting, and warranty information for optimal fire safety.</p>
	<p>First Alert PR710A 10-Year Sealed Battery Photoelectric Smoke Alarm User Manual</p> <p>Comprehensive user manual for the First Alert PR710A photoelectric smoke alarm, covering installation, features, maintenance, safety tips, troubleshooting, and warranty information.</p>
	<p>First Alert SM210L Smoke Alarm - Technical Specifications and Features</p> <p>Detailed specifications and features for the First Alert SM210L Smoke Alarm, including architectural and engineering specs, technical data, and installation guidelines. Features a 10-year sealed battery and Safety Path Light.</p>
	<p>First Alert BRK Smoke and Smoke/CO Detectors: User Manuals & Installation Guides</p> <p>Comprehensive user manuals and installation guides for First Alert BRK 3120B-6 Smoke Detector and SC7010BV Smoke & Carbon Monoxide Detector. Learn about features, installation, safety, and troubleshooting for these essential home safety devices.</p>