First Alert PC1210

First Alert PRC710 PC1210 10-Year Combination Carbon Monoxide and Photoelectric Smoke Detector

INSTRUCTION MANUAL

Product Overview

The First Alert PRC710 PC1210 is a 10-year sealed battery combination smoke and carbon monoxide alarm. This device integrates a photoelectric sensor for detecting slow smoldering fires and carbon monoxide, while minimizing nuisance alarms. Its design ensures a decade of uninterrupted operation without battery replacement, offering enhanced safety and convenience.

- **Dual Sensor Technology:** Detects both smoke (photoelectric) and carbon monoxide.
- **10-Year Sealed Battery:** Provides continuous power for ten years, eliminating the need for battery changes.
- **Precision Detection:** Reduces cooking nuisance alarms and delivers advanced protection.
- **Slim Profile Design:** Half the depth of a standard alarm for a less obtrusive appearance.
- **End-of-Life Warning:** Alerts users when the unit needs to be replaced.

Setup and Installation

Proper placement and installation are crucial for the effective operation of your First Alert combination alarm. This unit is designed for easy installation with an included mounting bracket.

Recommended Placement

For optimal protection, install smoke alarms on every level of your home, including the basement, and in every bedroom. Carbon monoxide alarms should also be installed on every level and in every bedroom. Avoid placing alarms near cooking appliances, heating vents, or in excessively dusty or humid areas to prevent false alarms.
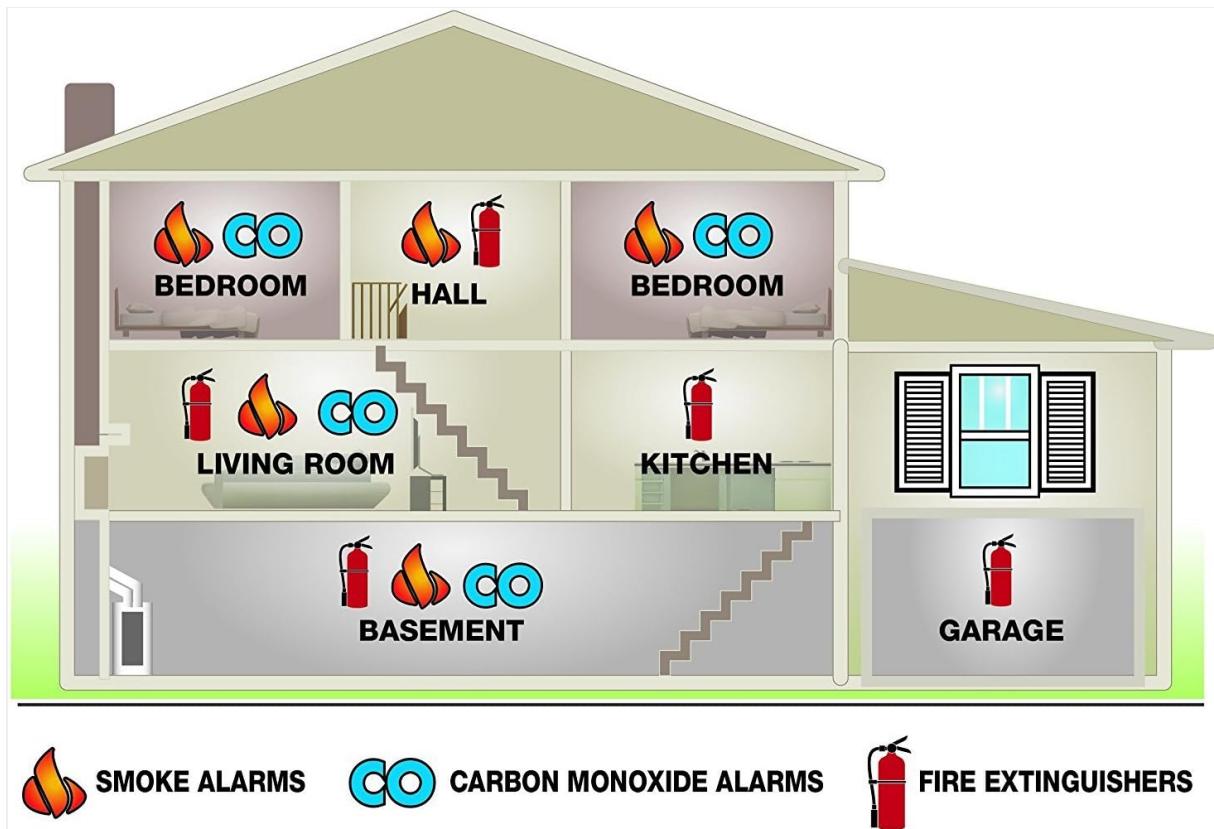
Figure 1: Recommended placement of smoke and carbon monoxide alarms throughout a typical home. Smoke alarms are indicated by a flame icon, CO alarms by a CO icon, and fire extinguishers by a fire extinguisher icon. Alarms are shown in bedrooms, living room, kitchen, hallway, and basement.

Installation Steps

1. **Select Location:** Choose a location on the ceiling or wall according to the recommended placement guidelines.
2. **Mounting Bracket:** Secure the mounting bracket to the ceiling or wall using the provided screws.
3. **Activate Battery:** The 10-year sealed battery is activated automatically when the alarm is twisted onto the mounting bracket.
4. **Attach Alarm:** Align the alarm with the mounting bracket and twist clockwise until it locks into place.
5. **Test Alarm:** Press and hold the Test/Silence button for a few seconds until the alarm sounds. This confirms proper operation.

Figure 2: Front view of the First Alert PRC710 PC1210 alarm, highlighting its compact and unobtrusive design.

Figure 3: Side profile of the alarm, demonstrating its slim form factor which allows it to blend seamlessly with home decor.

Operating Instructions

Once installed, your First Alert combination alarm operates continuously. Familiarize yourself with its indicators and functions.

Testing the Alarm

Test the alarm weekly by pressing and holding the Test/Silence button until the alarm sounds. The alarm will emit a series of beeps and flashes, indicating that the smoke and CO sensing functions are working correctly. Release the button to stop the test.

Silence Feature

In case of a nuisance alarm (e.g., from cooking smoke), press the Test/Silence button to temporarily

silence the alarm for several minutes. The alarm will automatically reset after the silence period if the smoke or CO concentration has cleared. If the condition persists, the alarm will reactivate.

LED Indicator

The alarm features an LED indicator that provides visual status updates:

- **Green Flash:** Normal operation.
- **Red Flash & Beep:** Smoke or CO detected.
- **Yellow Flash & Chirp:** Malfunction or end-of-life warning.

Maintenance

Regular maintenance ensures your alarm functions correctly and provides reliable protection.

Cleaning

Clean your alarm at least once a month. Use a soft brush or vacuum cleaner with a soft brush attachment to remove dust and debris from the alarm's vents. Do not use cleaning solvents or spray directly onto the alarm.

Battery Information

This alarm is equipped with a sealed 10-year lithium battery. The battery is designed to power the unit for its entire lifespan, eliminating the need for replacement. Do not attempt to replace the battery.

Troubleshooting

If your alarm is not functioning as expected, refer to the following common issues and solutions:

| Problem	Possible Cause	Solution
Alarm chirps periodically	End-of-life warning or malfunction.	If the alarm is chirping and the LED is yellow, the unit has reached its end-of-life and needs to be replaced. If it's not end-of-life, ensure the unit is clean and properly mounted.
False alarms (e.g., from cooking)	Alarm too close to cooking area or excessive steam/humidity.	Press the Test/Silence button to temporarily silence. Relocate the alarm if false alarms are frequent due to placement. Ensure proper ventilation during cooking.
Alarm does not sound during test	Unit not activated or malfunction.	Ensure the alarm is properly twisted onto the mounting bracket to activate the battery. If it still doesn't work, the unit may be faulty and require replacement.

Specifications
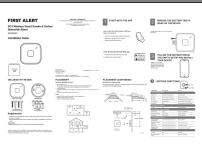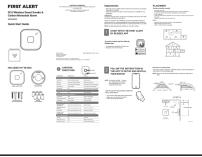
Feature	Detail
Model Number	PC1210
Part Number	PRC710
Power Source	10-Year Sealed Lithium Metal Battery (included)

Feature	Detail
Sensor Type	Photoelectric (Smoke), Electrochemical (CO)
Alarm Type	Audible (85 dB at 10 feet)
Item Weight	6.4 ounces
Product Dimensions	3.13 x 9 x 6 inches
UPC	029054016027
Compliance	Meets UL standards & complies with legislative requirements for 10-year battery operated smoke alarms.

Warranty and Support

The First Alert PRC710 PC1210 combination alarm comes with a 10-year limited warranty, covering defects in materials and workmanship under normal use and service. For detailed warranty information or technical support, please refer to the documentation included with your product or visit the official First Alert website.

Related Documents - PC1210

	First Alert ZCOMBO Combination Smoke and Carbon Monoxide Alarm User Manual Comprehensive user manual for the First Alert ZCOMBO Combination Smoke and Carbon Monoxide Alarm. Learn about installation, maintenance, testing, safety features, troubleshooting, and Z-Wave integration for enhanced home safety.
	First Alert Onelink Wi-Fi Smoke + Carbon Monoxide Alarm User's Manual AC10-500 Comprehensive user manual for the First Alert Onelink AC10-500 Wi-Fi Smoke + Carbon Monoxide Alarm, covering installation, operation, maintenance, troubleshooting, and safety information. Learn about alarm features, placement, setup, and emergency procedures.
	First Alert SC5 Wireless Smart Smoke & Carbon Monoxide Alarm Installation Guide Installation guide for the First Alert SC5 Wireless Smart Smoke & Carbon Monoxide Alarm (SMC0600NV), covering setup, placement, maintenance, and regulatory information.
	First Alert SC5 Wireless Smart Smoke & Carbon Monoxide Alarm Quick Start Guide Quick start guide for the First Alert SC5 Wireless Smart Smoke & Carbon Monoxide Alarm (Model SMC0600NV). Includes setup, placement, functions, maintenance, troubleshooting, and regulatory information.
	First Alert SC5 Wireless Smart Smoke & Carbon Monoxide Alarm Quick Start Guide Quick start guide for the First Alert SC5 Wireless Smart Smoke & Carbon Monoxide Alarm (SMC0600NV), covering setup, installation, placement, maintenance, and troubleshooting.

User Manual of Product 1: First Alert 9120LBLA Hardwire Smoke Alarm with 10 Year Battery **User Manual of Product 2:** First Alert CO615A Carbon Monoxide Plug-In Alarm with Battery Backup and Digital Display	[First Alert Smoke and Carbon Monoxide Alarms User Manuals](#) Comprehensive user manuals for First Alert 9120LBLA Hardwire Smoke Alarm and First Alert CO615A Carbon Monoxide Plug-In Alarm, covering installation, operation, maintenance, safety, and troubleshooting.