

## First Alert FG250B

# First Alert BRK FG250B Dual Ionization Smoke Alarm User Manual

Model: FG250B

## INTRODUCTION

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This manual provides essential information for the proper installation, operation, and maintenance of your First Alert BRK FG250B Dual Ionization Smoke Alarm. This single station smoke alarm is designed for residential and institutional applications, including sleeping rooms in various dwellings. It is tested and complies with UL217, CSFM, NFPA 72, and NFPA 101 standards.

## IMPORTANT SAFETY INFORMATION

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Please read and understand all instructions before installing and operating your smoke alarm. Keep this manual for future reference.

- **DO NOT PAINT** the smoke alarm. Paint can clog the sensing chamber and prevent the alarm from operating correctly.
- Test your smoke alarm weekly to ensure proper function.
- Replace the battery immediately when the alarm "chirps" to indicate a low battery.
- This device is designed to detect smoke. It cannot prevent fires.
- Ensure proper placement according to local codes and NFPA 72 guidelines.

## PACKAGE CONTENTS

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- First Alert BRK FG250B Dual Ionization Smoke Alarm
- 9-Volt Battery (included)
- Mounting Anchors and Screws
- User Manual (this document)

## SETUP AND INSTALLATION

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## 1. Battery Installation

1. Open the hinged cover of the smoke alarm.
2. Connect the 9-Volt battery to the battery connector. Ensure correct polarity.
3. Insert the battery into its compartment. The cover is designed to resist closing if the battery is missing or incorrectly installed.
4. Close the hinged cover.

## 2. Mounting the Smoke Alarm

The FG250B can be mounted on a wall or ceiling. Refer to local building codes and NFPA 72 for optimal placement. Avoid mounting near vents, windows, or areas with high humidity.

1. Choose a suitable location, typically in hallways, near sleeping areas, and on every level of the home.
2. Use the provided mounting anchors and screws to securely attach the alarm to the wall or ceiling.
3. Ensure the alarm is firmly attached and does not wobble.



**Image 1:** Front view of the First Alert BRK FG250B Dual Ionization Smoke Alarm. The alarm is white with a central "TEST/SILENCE" button and ventilation grilles. The text "DO NOT PAINT" is visible on the side.



**Image 2:** Top-down view of the First Alert BRK FG250B Smoke Alarm showing its dimensions. The alarm measures approximately 4.5 inches in diameter.

## OPERATING INSTRUCTIONS

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### Normal Operation

Once the battery is installed and the unit is mounted, the smoke alarm is operational. A red LED light will flash periodically (approximately once every 30-60 seconds) to indicate that the unit is receiving power and functioning correctly.

### Testing the Alarm

Test your smoke alarm weekly to ensure it is working properly.

1. Press and hold the "TEST/SILENCE" button located on the center of the alarm.
2. The alarm will sound a loud, pulsating horn.
3. Release the button. The alarm sound should stop immediately.
4. If the alarm does not sound, refer to the Troubleshooting section.

### Silence Feature

The silence feature can temporarily quiet nuisance alarms (e.g., from cooking smoke).

1. If a nuisance alarm sounds, press the "TEST/SILENCE" button.
2. The alarm will silence for approximately several minutes.
3. The red LED will continue to flash rapidly during the silence period.
4. If the smoke condition persists, the alarm will reactivate after the silence period ends.

## MAINTENANCE

### Battery Replacement

The smoke alarm will "chirp" approximately once per minute when the 9-Volt battery needs to be replaced. This low battery warning will continue for up to 7 days.

1. Open the hinged cover of the smoke alarm.
2. Disconnect the old 9-Volt battery from its connector and remove it.
3. Connect a new 9-Volt alkaline battery to the connector, ensuring correct polarity.
4. Insert the new battery into the compartment and close the cover.
5. Test the alarm after replacing the battery (refer to "Testing the Alarm" section).

### Cleaning Your Smoke Alarm

Clean your smoke alarm at least once a year to remove dust and debris. Use a soft brush attachment on your vacuum cleaner to gently vacuum the exterior of the alarm, especially around the sensing chamber openings. Do not use cleaning solvents or spray directly onto the alarm.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm "chirps" once a minute.	Low battery.	Replace the 9-Volt battery immediately.
Alarm sounds frequently without smoke.	Nuisance alarm (cooking smoke, steam, high humidity, dust).	Press the "TEST/SILENCE" button. Ventilate the area. Clean the alarm if dusty. Relocate if consistently triggered by non-fire sources.
Alarm does not sound during test.	Dead or improperly installed battery; unit malfunction.	Check battery installation and replace if necessary. If problem persists, replace the alarm.
Red LED not flashing.	No power or unit malfunction.	Check battery installation. Replace battery. If still not flashing, replace the alarm.

## SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	FG250B
Sensor Type	Dual Ionization
Power Source	9-Volt Battery (included)
Alarm Sound Level	85 dB at 10 feet
Dimensions	4.25 x 4.25 x 1.6 inches
Item Weight	3.2 ounces
Color	White
Approvals	UL217, CSFM, NFPA 72, NFPA 101
RV Use	Approved

### WARRANTY INFORMATION


This First Alert BRK FG250B Dual Ionization Smoke Alarm comes with a **10 Year Limited Warranty**. For detailed warranty terms and conditions, please refer to the documentation included with your product or visit the official First Alert website.






### SUPPORT AND CONTACT

For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact First Alert customer support. Refer to the product packaging or the official First Alert website for the most current contact information.

**Website:** [www.firstalert.com](http://www.firstalert.com)

### Related Documents - FG250B

	<p><a href="#">First Alert BRK 9120B Smoke Alarm User Manual and Installation Guide</a></p> <p>Comprehensive user manual and installation guide for the First Alert BRK 9120B AC Powered Ionization Smoke Alarm with Battery Back-up. Learn about features, installation, maintenance, troubleshooting, and safety tips.</p>
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	<p><a href="#">First Alert 9120/9120B Smoke Alarm User Manual: Installation &amp; Safety Guide</a></p> <p>Comprehensive user manual for First Alert 9120 and 9120B AC-powered ionization smoke alarms. Includes installation, testing, maintenance, and fire safety tips.</p>
	<p><a href="#">First Alert 3120B Photo &amp; Ion Smoke Alarm User Manual</a></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><a href="#">First Alert Smoke Alarms User Manual</a></p> <p>User manual for First Alert AC Powered Ionization Smoke Alarms (Models 9120, 9120B) covering installation, operation, maintenance, safety tips, and troubleshooting.</p>
	<p><a href="#">First Alert BRK Dicon Smoke Alarms Owners Manual - Installation, Operation &amp; Safety</a></p> <p>Comprehensive owners manual for First Alert BRK Dicon battery-operated smoke alarms (M300, M300AP, M300i, SA200, SA900, SA900Si, SA300, SA300L). Includes installation, location, testing, maintenance, troubleshooting, and fire safety tips.</p>
	<p><a href="#">First Alert BRK Smoke and Smoke/CO Detectors: User Manuals &amp; Installation Guides</a></p> <p>Comprehensive user manuals and installation guides for First Alert BRK 3120B-6 Smoke Detector and SC7010BV Smoke &amp; Carbon Monoxide Detector. Learn about features, installation, safety, and troubleshooting for these essential home safety devices.</p>