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› [BRK](#) /

› [First Alert BRK SMCO100 Battery-Operated Combination Smoke & Carbon Monoxide Alarm User Manual](#)

BRK SMCO100

First Alert BRK SMCO100 Combination Smoke & Carbon Monoxide Alarm User Manual

Model: SMCO100



1. INTRODUCTION

The First Alert BRK SMCO100 is a battery-operated combination smoke and carbon monoxide (CO) alarm designed to provide early warning of both smoke and CO presence. This device utilizes Precision Detection advanced sensing technology to reduce nuisance alarms while ensuring reliable detection. It is intended for residential use to help protect occupants from the dangers of fire and carbon monoxide poisoning.

2. SETUP AND INSTALLATION

Proper installation is crucial for the effective operation of your alarm. Follow these steps carefully.

2.1 Unpacking and Battery Installation

1. Carefully remove the alarm and all components from the packaging.
2. Locate the battery compartment on the back of the alarm.
3. Insert the included 9V alkaline battery, ensuring correct polarity (+ and -). The alarm may chirp briefly upon battery insertion.



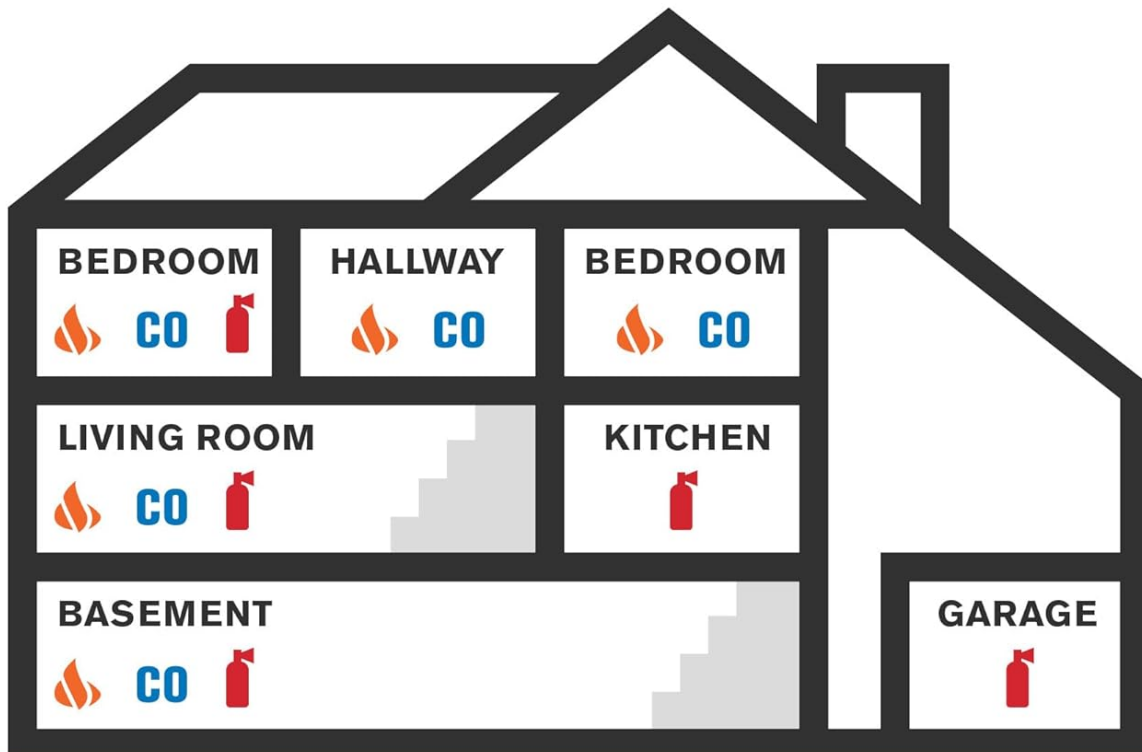
Image: The First Alert BRK SMC0100 alarm shown with its back open, revealing the battery compartment. A 9V battery is partially inserted, and mounting screws with anchors are displayed next to the alarm. This illustrates the components required for installation.

2.2 Mounting Location

For optimal protection, install smoke and CO alarms on every level of your home, including basements, and in every bedroom. Avoid installing near windows, doors, or vents where drafts could interfere with detection. Do not install in kitchens or bathrooms where steam or cooking fumes could cause nuisance alarms.

Recommended Placement

Add peace of mind to every level and every bedroom.



Smoke Alarms



Carbon Monoxide Alarms



Fire Extinguishers

Image: A diagram illustrating recommended placement of smoke and carbon monoxide alarms within a typical house layout. It shows alarms in bedrooms, hallways, living room, and basement, indicating that both smoke and CO detection are advised in these areas. Fire extinguishers are also recommended for the kitchen and garage.

2.3 Mounting the Alarm

1. Once the battery is installed, hold the alarm against the ceiling or wall at your chosen location.
2. Mark the two mounting holes.
3. Drill pilot holes and insert the plastic anchors if mounting into drywall or plaster.
4. Secure the mounting bracket (if separate) or the alarm directly using the provided screws.
5. Twist the alarm onto the mounting bracket until it clicks into place.



Most trusted brand in fire safety*

Image: The First Alert BRK SMCO100 combination smoke and carbon monoxide alarm is shown mounted on a white ceiling, near the corner of a room. This demonstrates a typical installed appearance of the device.

3. OPERATING THE ALARM

The SMCO100 alarm is designed for continuous monitoring. It features a Test/Silence button and visual indicators.

3.1 Test/Silence Button

Press and hold the Test/Silence button to test the alarm's functionality. The alarm will emit a series of loud beeps, indicating that the smoke and CO sensors are working. Release the button to stop the test. This button also temporarily silences nuisance alarms for up to 8 hours.

3.2 Alarm Indicators

- **Smoke Alarm:** A loud, repeating three-beep pattern.
- **Carbon Monoxide Alarm:** A loud, repeating four-beep pattern.
- **Low Battery:** A single chirp approximately every minute.

- **Latching Alarm Indicator:** Visually identifies the unit that initiated the alarm or low battery condition, even after the event has passed.



Image: A close-up front view of the First Alert BRK SMC0100 combination smoke and carbon monoxide alarm. Visible labels include "SMOKE & CO ALARM," "MOVE TO FRESH AIR," "POWER," and the "TEST/SILENCE" button. This image highlights the user interface elements.

4. MAINTENANCE

Regular maintenance ensures the continued reliability of your alarm.

4.1 Battery Replacement

Replace the 9V battery immediately when the alarm chirps once every minute, indicating a low battery. Refer to Section 2.1 for battery installation instructions.

4.2 Cleaning

Clean your alarm regularly to prevent dust and debris from interfering with its operation. Use a soft brush attachment on your vacuum cleaner to gently remove dust from the alarm's vents. Do not paint the alarm or use cleaning solvents.

4.3 Regular Testing

Test your alarm weekly by pressing and holding the Test/Silence button until the alarm sounds. This confirms the electronic circuitry and horn are functioning correctly.

5. TROUBLESHOOTING

If your alarm is not functioning as expected, consult the following common issues.

- **Alarm chirps once every minute:** The battery is low and needs to be replaced.
- **Alarm sounds intermittently without smoke or CO:** This may be a nuisance alarm. Ensure the alarm is not installed near cooking fumes, high humidity areas, or strong drafts. Press the Test/Silence button to temporarily silence it.
- **Alarm does not sound during test:** Ensure the battery is correctly installed and fully charged. If the issue persists, the unit may need replacement.
- **Alarm sounds continuously:** Evacuate the premises immediately and call emergency services. Do not re-enter until authorities have deemed it safe.

6. SPECIFICATIONS

Feature	Specification
Brand	BRK
Model Number	SMCO100
Power Source	Battery Powered (1 x 9V Alkaline, included)
Sensor Type	Ionization (Smoke), Electrochemical (CO)
Alarm Type	Smoke, Carbon Monoxide
Product Dimensions	3"D x 4"W x 2"H
Item Weight	8 ounces
UPC	029054022578

7. WARRANTY AND SUPPORT

This product comes with a limited warranty. For detailed warranty information, technical support, or to register your product, please refer to the documentation included in your product packaging or visit the official First Alert website. Keep your purchase receipt as proof of purchase.



Related Documents - SMCO100



[BRK SMICO100-AC Smoke and Carbon Monoxide Alarm - Features and Specifications](#)

Detailed specifications and features for the BRK SMICO100-AC, a hardwired smoke and carbon monoxide alarm with 9V battery backup, offering ionization smoke sensing and electrochemical CO sensing.



[BRK SMC0110LEDA-AC Smoke + Carbon Monoxide Alarm with LED Strobe](#)

Detailed information on the BRK SMC0110LEDA-AC, a hardwired smoke and carbon monoxide alarm featuring a 177-candela LED strobe light, 10-year sealed battery backup, and integrated alarm functions. Includes architectural, engineering, and technical specifications, along with installation guidelines.



[BRK SMIC0110 10-Year Sealed Battery Smoke and Carbon Monoxide Alarm](#)

BRK SMIC0110 is a 10-year sealed battery smoke and carbon monoxide alarm featuring ionization sensing, a tamperproof design, and a 10-year sensor with end-of-life signal. Provides continuous protection without battery replacements, eliminating low battery chirps for a decade.



[BRK SMIC0100 Smoke and Carbon Monoxide Alarm - Specifications and Installation](#)

Detailed specifications, features, and installation guidelines for the BRK SMIC0100 2-in-1 Smoke and Carbon Monoxide Alarm. Features battery power, ionization smoke sensor, and electrochemical CO sensor.



[BRK SMIC0110 Smoke + Carbon Monoxide Alarm - 10-Year Sealed Battery](#)

Detailed specifications for the BRK SMIC0110, a 10-year sealed battery smoke and carbon monoxide alarm with ionization sensor, CO sensor, and visual LED indicator. Includes technical specs and installation guidelines.



[BRK SC5 Hardwire Smart Smoke & Carbon Monoxide Alarm | Model SMCO600NV-AC](#)

Detailed specifications and features for the BRK SC5 Hardwire Smart Smoke & Carbon Monoxide Alarm (Model SMCO600NV-AC), including architectural, technical, and installation details.