

**BRK**<sup>®</sup>**THE PROFESSIONAL STANDARD****BATTERY**

## Smoke + Carbon Monoxide Alarm

**BATTERY POWERED SMOKE + CARBON MONOXIDE ALARM WITH WIRELESS INTERCONNECT****SMC0500V**

CAT. 1046815

**WIRELESS INTERCONNECT****VOICE WARNING WITH LOCATION****2-IN-1 SMOKE + CO PROTECTION****EARLY WARNING INTERCONNECT**

When one alarm sounds, all compatible\* alarms sound.

**VOICE WARNING WITH LOCATION**

Voice tells what the danger is and its location.

**2-IN-1 SMOKE + CO PROTECTION**

Protects against the threat of smoke and carbon monoxide.

**END OF LIFE SIGNAL**

Provides audible notice when the alarm needs to be replaced.

**TEST/SILENCE BUTTON**

Temporarily silence or test the alarm with one-touch easy access button.



Advanced Sensing Technology



MODEL SMC0500V

### ARCHITECTURAL AND ENGINEERING SPECS

The smoke alarm shall be a BRK Model SMC0500V and shall provide at a minimum the following features and functions:

1. A photoelectric smoke sensing chamber and an electrochemical CO sensor.
2. Wireless interconnect
3. A Voice Warning of danger detected in addition to speaking one of several pre-programmed locations, e.g. "Warning, Evacuate, Smoke in Basement".
4. Operates on a Mesh Network; a two-way communication format that sends, receives and re-sends the alarm signals providing a more reliable network.
5. The CO sensor is adjusted not to detect CO levels below 30 PPM and will not alarm when exposed to constant levels of 30 PPM for 30 days. It will alarm at the following levels: 400 PPM CO between 4 and 15 minutes, 150 PPM CO between 10 and 50 minutes and 70 PPM CO between 60 and 240 minutes.
6. The unit shall have an "End of Life" signal. This signal should be capable of temporarily being silenced for up to 2 days. After about 2 days, the signal will resume. After about 2 weeks the signal cannot be silenced.
7. Powered by 2 replaceable AA batteries, a solid state horn rated at 85dB at 10 ft and should be capable of self restoring.
8. A visual LED power-on indicator to confirm unit is receiving power or is in alarm.
9. Two Silence features - Low Battery Silence: Silence low battery chirp for up to 8 hours. Alarm Silence: Temporarily silence unwanted nuisance alarms.
10. Two Locking features - tamper resistant locking pins that lock battery drawer and/or alarm to mounting bracket.
11. The unit shall be capable of operating between 40°F (4°C) and 100°F (38°C) and relative humidity between 10% and 95%.
12. The unit shall contain mounting hardware and shall be listed for wall or ceiling mounting.
13. The unit meets the applicable requirements of UL217, UL2034, CSFM, NFPA 72, NFPA 101, ICC.

### INSTALLATION OF ALARM

Installation of this smoke alarm must conform to NFPA 72. Always check your local building codes. Follow all instructions for placement as outlined in the user's manual in sections titled "Recommended Locations for Smoke Alarms" and "Locations to Avoid for Smoke Alarms."

### TECHNICAL SPECS

Alarm Dimensions:	5.02" Dia. x 2.11" H
Weight:	0.53 lb
Battery:	3V (2 AA)
Temperature Range:	40°F (4.4°C) to 100°F (37.8°C)
Humidity Range:	10% to 95% relative humidity (RH)
Audio Alarm:	85dB at 10 feet
Test/Silence:	Electronically simulates smoke condition, causing the unit to alarm. Press and hold test/silence button.
Alarm Reset:	Automatic when smoke clears
Smoke Sensor:	Photoelectric
Indicator Lights/Sounds:	
DC Power:	Flashes Green every minute
Smoke Alarm:	3 Beeps, Flashes Red
CO Alarm:	4 Beeps, Flashes Red
Low Battery:	1 "Chirp" every Minute – Replace Battery
Malfunction:	3 "Chirps" every Minute – Replace Alarm
End of Life:	5 "Chirps" every Minute – Replace Alarm
Listing:	Certified to UL217 & UL2034

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THE PROFESSIONAL STANDARD

**FIRST ALERT**

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