

**BRK**<sup>®</sup>**THE PROFESSIONAL STANDARD****BATTERY****Smoke Alarm****BATTERY POWERED SMOKE ALARM  
WITH WIRELESS INTERCONNECT****SM500V**

CAT. 1046774

**WIRELESS  
INTERCONNECT****VOICE WARNING  
WITH LOCATION****REPLACEABLE  
AA BATTERIES INCLUDED****EARLY WARNING WIRELESS INTERCONNECT**

When one alarm sounds, all compatible\* alarms sound without having to rewire the structure.

**VOICE WARNING WITH LOCATION**

Voice tells what the danger is and its location.

**REPLACEABLE AA BATTERIES INCLUDED**

AA batteries included to power alarm.

**TEST/SILENCE BUTTON**

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



Advanced Sensing Technology

**ARCHITECTURAL AND ENGINEERING SPECS**

The smoke alarm shall be a BRK Model SM500V and shall provide at a minimum the following features and functions:

1. A photoelectric smoke sensing chamber.
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 unit shall have a lower and varying horn frequency to make it easier for the elderly with normal age related hearing loss to better hear the horn.
6. A fully screened sensing chamber to resist entry of small insects.
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, 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:	0.51 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
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

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**resideo**  
www.resideo.com**BRK**<sup>®</sup>  
THE PROFESSIONAL STANDARD**FIRST ALERT**

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