BRK®

WIRED

# SC2-W01




- **LED INDICATORS SIMPLIFY MAINTENANCE & REPLACEMENT**
- **AA BATTERY BACKUP**
- **SIDE-LOAD BATTERY DRAWER**

**CAT. SC2-W01-TB, SC6W01-CP**

# COMBINATION ALARM

## HARDWIRED SMOKE + CARBON MONOXIDE ALARM WITH REPLACEABLE BATTERY BACKUP

**LED ALARM INDICATORS**
Low battery and end-of-life warnings with light signals to provide advanced warning and efficient diagnostics

**SOFTCUE™ REPLACEMENT REMINDERS**
Reduce disruptive alarm chirps

**TRIM RING**
Simplifies replacement installs (optional)

**INTERCONNECT**
When one sounds, all compatible alarms sound. Works with most hardwired First Alert® and BRK alarms.*

PRECISION DETECTION™ Advanced Sensing Technology

LIMITED 10 YEAR WARRANTY

Conforms to UL STD 217 & UL STD 2034. Helps reduce nuisance cooking alarms.

PHOTOELECTRIC

Intertek 3055574 MODEL SC6W01

## ARCHITECTURAL AND ENGINEERING SPECS

The combination smoke and carbon monoxide alarm is a BRK Model SC2-W01 and provides at minimum the following features and functions:

1. Photoelectric smoke-sensing and electrochemical CO sensor with a 10-year service life
2. Replaceable AA batteries. Replace with Kendal LR6, Energizer E91, or Duracell MN1500.
3. A solid-state piezo horn rated at 85 dB at 10 feet
4. Visual Power LED indicator to confirm the unit is receiving power
5. Alarm LED to indicate smoke or carbon monoxide alarm
6. The unit shall have an “end of life” signal (five chirps) and be capable of temporary silencing for up to two days, after which the signal will resume. After about two weeks, the signal cannot be silenced.
7. Latching feature easily identifies the initiating alarm after condition has been addressed
8. Silence feature—temporarily silence unwanted nuisance alarms
9. The unit shall perform self-diagnostic tests and issue a malfunction warning (three chirps) if the unit malfunctions
10. Two locking features—tamper resistant locking pins that lock the battery drawer and/or alarm to the mounting bracket
11. The unit shall be capable of operating between 40°F (4.4°C) and 100°F (38°C) and relative humidity between 10% and 95%
12. 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. CO sensor alarm levels and times: 400 PPM between 4 and 15 minutes, 150 PPM between 10 and 50 minutes and 70 PPM between 60 and 240 minutes.
13. The test button should check all alarm functions by stimulating the chamber to simulate a smoke condition, causing the unit to alarm.
14. A fully screened sensing chamber resists entry of dust and small insects thereby helping reduce the probability of unwanted alarms
15. The unit meets the applicable requirements of UL217, UL2034, CSFM, NFPA 72, and the ICC

## INSTALLATION OF ALARM

Installation of this combination smoke and carbon monoxide 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:** | **5.2" Dia. x 1.76" H** |
| **Weight:** | **0.56 lb** |
| **Battery:** | **AA** |
| **Operating Voltage:** | **120V AC @ 60Hz, 0.7A** |
| **Temperature Range:** | **40° – 100°F (4.4° – 38°C)** |
| **Humidity Range:** | **20% – 95% RH (Agency Compliance – 93% max.) non-condensing** |
| **Audio Alarm:** | **Meets or exceeds current UL standards of 85 dB at 10 feet (3 meters)** |
| **Test/Silence:** | **Push and release center button to test and silence alarm** |
| **Interconnections:** | **Yes** |
| **Indicator Lights/Sounds:** | |
| **Smoke & CO Alarm LED:** | **2 seconds on, 2 seconds off—smoke latch<br>3 beeps with red flashes—smoke alarm<br>4 beeps with red flashes—CO alarm<br>4 seconds on, 4 seconds off—CO latch** |
| **Power LED:** | **Constant green—AC power** |
| **Battery LED:** | **1 beep with yellow flash—low battery<br>6 soft beeps with yellow flash—pre-warning** |
| **Replace Device LED:** | **2 yellow flashes per minute—clean device<br>3 beeps with yellow flashes—malfunction<br>5 beeps with yellow flashes—end of life<br>6 soft beeps with yellow flash—pre-warning** |

* Up to 12 smoke alarms and 6 other alarms. Refer to product manual for compatible alarms.

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BRK | FIRST ALERT

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