BRK®

THE PROFESSIONAL STANDARD

Smoke + Carbon Monoxide Alarm with LED Strobe

AC POWERED SMOKE + CARBON MONOXIDE ALARM WITH STROBE LIGHT & 10-YEAR SEALED BATTERY BACKUP

SMCO110LED-AC

CAT. 1046789

- **LED 177 CANDELA STROBE LIGHT**
- **INTEGRATED COMBINATION ALARM AND STROBE LIGHT**
- **10-YEAR SEALED BATTERY BACKUP**

LED 177 CANDELA STROBE LIGHT
Powerful LED strobe light provides effective visual warning to hearing impaired residents. When multiple BRK units are interconnected, strobes flash in unison.

INTEGRATED COMBINATION ALARM AND STROBE LIGHT
One device includes both a strobe light and combination smoke & CO alarm.

10-YEAR SEALED BATTERY BACKUP
Sealed lithium battery backup for continuous protection during power outages.

1HZ FLASH RATE
60 flashes per minute rate meets ANSI 117.1, NFPA 72 and UL 1638 requirements for visual signal devices.

PRECISION DETECTION™ Advanced Sensing Technology

LIMITED 10 YEAR WARRANTY

Conforms to UL STD 217 UL STD 2034 & UL STD 1638 Helps reduce nuisance cooking alarms.

P PHOTOELECTRIC

ETL us Intertek 3055574 MODEL SMCO110LED-AC

ARCHITECTURAL AND ENGINEERING SPECS

The smoke alarm shall be a BRK Model SMCO110LED-AC and shall provide at a minimum the following features and functions:

1. A photoelectric smoke sensing chamber and electrochemical carbon monoxide sensor.
2. A 177 candela LED strobe light. The Smart Strobe shall have separate flash patterns to distinguish between smoke/heat and carbon monoxide dangers. When multiple units installed, strobe flash patterns will synchronize.
3. Powered by 120V AC, 60Hz and have a sealed 10 year lithium battery backup for alarm and a solid state piezo horn rated at 85dB at 10 ft and be capable of self-restoring.
4. A visual green LED power-on indicator to confirm unit is receiving power or is in alarm.
5. A test button should check alarm function.
6. Two Latching features: Alarm Latch to easily identify initiating alarm after alarm condition has subsided. Low battery latch: to visually identify which unit is in low battery or end of life condition. Two Silence Features: Alarm Silence to temporarily silence nuisance alarms. End of Life: Silence alarm for 8 hours.
7. The unit shall be capable of operating between 40°F (4°C) and 100°F (38°C) and relative humidity between 10% and 95%.
8. The unit shall have a plug in connector and be capable of interconnection of up to 18 units with smoke, heat, CO alarms and relays, of which 12 can be smoke alarms.
9. The unit meets the applicable requirements of UL217, UL2034, UL1638, ANSI 117.1, CSFM, NFPA 72, NFPA 101 and the ICC.

INSTALLATION OF ALARM

Installation of this smoke alarm should be performed by a qualified electrician in accordance with the National Electrical Code NFPA 70, NFPA 72 and any other applicable codes or standards in a manner acceptable to the authority having jurisdiction. The interconnect wire should be a maximum of 1000 ft. and rated at least 300V.

TECHNICAL SPECS

Alarm Dimensions:	5.28" Dia. x 2.31" H
Weight:	0.68 lb
Operating Voltage:	120V AC 60Hz
Battery:	3V Lithium
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
Interconnections:	Up to 18 units of First Alert or BRK Smoke, CO and Heat Alarms. Maximum of 12 smoke alarms. See user's manual.
Smoke Sensor:	Photoelectric
Indicator Lights/Sounds:	
AC Power:	Constant Green
DC Power:	Flashes Green every minute
Smoke Alarm:	3 Beeps, Flashes Red
CO Alarm:	4 Beeps, Flashes Red
Latching Alarm:	Flashes Red 2 sec. on / 2 sec. off after alarm
Low Battery / End of Life:	5 "Chirps" every Minute – Replace Alarm
Malfunction:	3 "Chirps" every Minute – Replace Alarm
Listing:	Certified to UL217, UL2034 & UL1638

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