

PRODUCT SPECIFICATIONS

DOC. NO. 250311XC0CSREN



Key Features:

- ◆ High-performance electrochemical CO sensor for high sensitivity, accuracy, and reliability.
- ◆ Extra loud buzzer with over 85 dB volume for clearly audible alarming.
- ◆ Manufactured in accordance with the EN 50291-1:2018 Standard.
- ◆ Real-time, accurate CO concentration levels are displayed on the LCD.
- ◆ Support desktop placement or wall mounting.
- ◆ Replaceable battery with 3-year battery lifetime.
- ◆ Backlit display for clear visibility of CO level and fault alerts.

Carbon Monoxide Alarm (Type B)

XC0C-SR



Technical Specifications

Power Supply	2 × 1.5 V AA batteries (replaceable)
Battery Life	3 years
Product Lifespan	10 years
Sensor Type	Electrochemical
Safety Standards	EN 50291-1:2018
CO Alarm Response Time	50 ppm: 60–90 minutes
	100 ppm: 10–40 minutes
	300 ppm: 0–3 minutes
Operating Temperature	4.4–37.8°C (40–100°F)
Operating Relative Humidity	10%–85% RH (non-condensing)

Alarm Loudness	≥ 85 dB at 3 m (10 ft) @ 3.2 ± 0.3 kHz pulsing alarm
Storage and Transport Conditions	-20–60°C (-4–140°F), 5%–95% RH (non-condensing)
Silence Duration	≤ 9 minutes
Product Weight	180.5 g
Product Dimensions	142 × 75 × 32 mm
Package Contents	1 × Alarm Unit + 2 × Screws + 2 × Anchor Plugs + 1 × User Manual + 1 × Drill Hole Spacing Indicator Label + 1 × Warranty Card

Working Modes

Mode	LCD Display	LED Indicator	Audible Alarm	Remarks
Power-on	Backlight on	Runs through 8 cycles (yellow/green/red) in sequence.	1 quick beep.	Make sure battery insulating film is removed and the device is turned on.
Standby Mode	No backlight	Flashes green once every 60 seconds.	None.	None.
Alarm Mode	(Backlight on) displays actual values	A CO concentration ranging from 50 to 999 ppm has been present for a certain time period. and the LED indicator flashes red 4 times every 5.8 seconds.	4 beeps repeating every 5.8 seconds.	Dangerous CO concentration is detected, and has reached the alarm status. Please refer to "What to Do When the Alarm Sounds".
	(No backlight) displays actual values	A CO concentration level ranging from 50 to 999 ppm has been detected, but for less than the allotted detection period.	None.	Dangerous CO concentration is detected, but has not reached the alarm status. Potential dangerous CO conditions exist. Please search for the CO source first. Open nearby windows and doors, and immediately move to fresh air.
	Alarm off	Flashes green once every second for 5 seconds.	None.	Alarm cancellation: when the CO concentration level drops below the alarm threshold, the alarm signal will stop.

Test Mode	Backlight on	Flashes red once first, then 2 sets of 4 red flashes.	The buzzer beeps once first, then 2 sets of 4 quick beeps.	The LED flashes red and the buzzer beeps simultaneously.
Peak Level Check	Backlight on	None.	None.	LCD backlight is lit for 5 seconds if the peak level button is pressed and held for more than 3 seconds within the 5 seconds of display, the device emits a beep, the LED flashes green once, and the existing recorded data is reset to zero. Peak CO level recorded since the previous reset.
Silence Mode	(Backlight on) displays actual values	Flashes red 4 times every 5.8 seconds.	None.	CO silence mode: After 9 minutes, the unit will exit silence mode.
		Flashes green 3 times.	None.	When exiting the silence mode while in alarm state.
	No backlight	Flashes yellow once every 60 seconds.	None.	Silence mode during low battery after 10 hours, the unit will exit silence mode.
	No backlight	Flashes yellow 3 times every 60 seconds.	None.	Silence mode during the end of cycle: after 22 hours, the unit will exit silence mode.
Low Battery	No backlight	The LED indicator flashes yellow once every 60 seconds.	1 quick beep every 60 seconds.	The battery must be replaced immediately.
Fault	No backlight	Flashes yellow 2 times every 60 seconds.	2 beeps every 60 seconds.	If the "E03/E04" message is still displayed, the unit has malfunctioned and must be replaced immediately.
End of Life	No backlight	Flashes yellow 3 times every 60 seconds.	3 quick beeps every 60 seconds.	Replace the unit immediately.

Ordering Information

Part Number	Pack Quantity	Dimension	Weight	Units/Carton
XC0C-SR - 1 pack	1 x Alarm Unit	148 x 44 x 82 mm	268 g	70 units