

## 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.
- ◆ Alarm memory records alarms that were automatically cleared when CO levels dropped, allowing for later review.
- ◆ Backlit display for clear visibility of CO level and warning alerts.
- ◆ Support desktop placement or wall mounting.
- ◆ Minimalist design and instant CO peak recall by pressing the button.



## Carbon Monoxide Alarm (Type B)

XC0C-MR

## Technical Specifications



<b>Power Supply</b>	3 V (–) CR123A lithium battery × 1 (replaceable)
<b>Battery Life</b>	5 years (test once a week)
<b>Maximum Service Life</b>	10 years
<b>Sensor Type</b>	CO: Electrochemical
<b>Safety Standard</b>	EN 50291-1
<b>CO Alarm Response Time</b>	50 ppm: 60–90 minutes
	100 ppm: 10–40 minutes
	300 ppm: < 3 minutes

<b>Operating Temperature</b>	4.4–37.8°C (40–100°F)
<b>Operating Relative Humidity</b>	10%-85% RH (non-condensing)
<b>Storage and Transport</b>	This apparatus should be stored at -10-50°C (14-122°F), 5%-95% RH (non-condensing)
<b>Alarm Noise Level</b>	≥ 85 dB at 3 m (10 ft) @ 3.2 ± 0.3 kHz pulsing alarm
<b>Silence Duration</b>	≤ 9 minutes
<b>Band</b>	869.25–869.3 MHz
<b>Max. RF Power</b>	10 mW
<b>Maximum Interconnectable Units</b>	24 wireless units (only compatible with X-Sense Link+ Pro and Link+ wireless alarms).
<b>Maximum Number of Allowed Units</b>	One base station can add up to 50 alarms.
<b>Transmission Range</b>	Over 500 m (1,640 ft) in open air
<b>Product Weight</b>	146 g
<b>Product Dimensions</b>	142 × 32 × 75 mm
<b>Package Contents</b>	1 × CO Alarm + 1 × Drill Hole Spacing Indicator Label + 1 × CR123A Battery (Pre-installed) + 2 × Anchor Plugs + 2 × Screws + 1 × Warranty Card + 1 × User Manual

## Working Modes

Mode	LCD Display	LED Indicator	Audible Alarm	Remarks
<b>Powering On</b>	(Backlight on)	Runs through 2 cycles (red/yellow/green/blue) in sequence.	1 quick beep.	Make sure the battery insulating film is removed and the device is turned on.
<b>Standby Mode</b>	(No backlight)	Flashes green once every 60 seconds.	None.	None.

<b>Pairing Mode (Connect to Base Station)</b>	Pairing Period	(Backlight on)	Flashes blue rapidly.	1 quick beep.	Pairing transmission status.
	Successfully Connected	(No backlight)	Stops flashing blue.	1 quick beep.	The device is successfully connected to the base station.
<b>Pairing Mode (Devices Interconnecting)</b>		(Backlight on)	Flashes blue slowly.	1 quick beep.	Pairing status.
		(Backlight on)	Flashes blue rapidly.	1 quick beep.	Pairing transmission status.
<b>Alarm Mode</b>		(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 quick 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 CO 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 required detection period.	None.	Dangerous CO concentration is detected, but has not reached the alarm status. Potential dangerous CO conditions exist. Please locate the CO source immediately.
<b>Test Mode</b>	Test a single unit	(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.
	Test all interconnected units	(Backlight on)	Flashes red once every second.	Continuous short beeps.	Initially triggered alarm. Hold down the Test/Silence Button on one unit in the network.
	(Backlight on)	Flashes alternately red and green once every second.	Other passively triggered alarms in the network.		

<b>Peak Level Check</b>	(Backlight on)	None.	None.	LCD backlight remains lit for 5 seconds; if the Peak Level Button is pressed and held for more than 3 seconds during the 5-second display, the device emits a beep, the LED flashes green once, and the existing recorded data is reset to zero. The peak CO level recorded since the previous reset.	
<b>Silence Mode</b>	(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.	
	(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 at the end of the cycle: After 22 hours, the unit will exit silence mode.	
<b>Low Battery</b>	(No backlight)	Flashes yellow once every 60 seconds.	1 quick beep every 60 seconds.	The battery must be replaced immediately.	
<b>Fault Mode</b>	(No backlight)	Flashes yellow twice 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.	
<b>End-of-Life Mode</b>	(No backlight)	Flashes yellow 3 times every 60 seconds.	3 quick beeps every 60 seconds.	Replace the unit immediately.	
<b>Memory Mode</b>	Within 24 hours	(No backlight)	Flashes red once every 5 seconds.	None.	The device has triggered an alarm within 24 hours.
	After 24 hours	(No backlight)	Stays on red for 2 seconds.	None.	This function can only be activated via a self-test mode if the device detected an alarm event at least 24 hours earlier.

## Ordering Information

Part Number	Pack Quantity	Dimension	Weight	Units/Carton
XC0C-MR - 1 pack	1 x Alarm Unit	148 x 44 x 82 mm	216 g	70 units