

CO₂BUDDY

Personal CO₂ Safety Alarm

The CO₂ BUDDY personal alarm is designed to detect carbon dioxide (CO₂) and warn of any dangerous levels in confined spaces, providing continuous protection for those working in an environment where CO₂ is present. This extremely lightweight personal alarm can be easily clipped to a pocket or belt, or can be attached to a lanyard.

The CO₂BUDDY is suitable for a wide variety of applications where CO₂ is used including pub and bar cellars, walk in coolers, fast food outlets, agricultural grow houses, medical laboratories and food packaging plants. CO₂ BUDDY ensures personal protection for delivery drivers, servicing engineers and maintenance personnel who work in multiple locations where CO₂ is used but is not guaranteed to be monitored by a fixed system.

Charged via a Micro USB cable, the CO₂BUDDY is easy and convenient to keep fully powered. The CO₂BUDDY is a robust, but lightweight safety alarm from Analox, one of the world's leading gas monitor companies with facilities in the UK and US.

Standards including EH40 in Europe and OSHA throughout the US mandate

that employees should not be exposed to potentially dangerous levels of CO₂ as it can prove to be highly toxic in very small concentrations.

CO₂BUDDY has two alarm levels (low and high) which are uniquely identified to the user through different audible and visual sequences. CO₂BUDDY also monitors a time weighted average (TWA) of exposure to CO₂ over an eight hour period and will go into alarm if the TWA of CO₂ is above 0.5%.

The low and high alarm levels can easily be altered from the factory defaults by selecting from a choice of alarm configurations during commissioning of a unit.

Alarm configurations supported include 0.5% and 1.5%, 1.5% and 3.0%, 0.5% and 1.0%, 1.0% and 2.0%.



KEY FEATURES

- Lightweight - Max weight 70g
- Rechargeable battery
- Minimum 48 hours battery life
- Single button operation
- Fresh air calibration
- Low maintenance
- Choice of low and high alarm point configurations available
- TWA Alarm

ANALOX
Sensor Technology



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SPECIFICATIONS

Specifications subject to change without notice

Display	LCD
Power	Minimum 48 hours operation with low battery warning
Charging	2 hours at 5V, 300mA via Micro USB
Dimensions	75 x 63 x 34 mm
Weight	70 g
IP rating	IP54
Mounting	Pocket, belt or lanyard
Sensor technology	Non-Dispersive Infrared (NDIR)
Calibration	Fresh air calibration, no calibration gas required
Alarm indicators	Audible, red strobe LED, vibration
TWA monitoring	8-hour Time-Weighted Average
Operating temperature	0°C to 40°C
Warranty	2 years
Approvals	CE, FCC



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