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 **CO₂**BUDDY 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 **CO₂**BUDDY is easy and convenient to keep fully powered. The **CO₂**BUDDY 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. **CO₂**BUDDY 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

Every day, we save lives.

ANALOX
Sensor Technology

SYSTEM SPECIFICATIONS

Display: LCD

Power: Minimum of 48 hours of operation with low battery warning

Charging: 2 hours at 5V, 300mA

Max Dimensions: 75mm x 63mm x 34mm
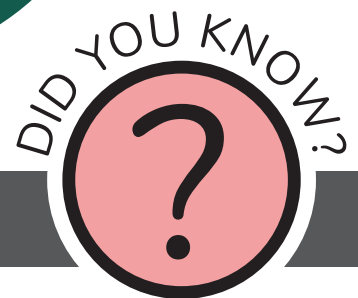
Mounting: Pocket, Belt or Lanyard

Approvals: CE, FCC

Alarm indicators: Audible, Red Strobe, Vibration

Environmental: IP rating - IP54

                Maximum relative humidity - 95% RH (Non-condensing)

                Temperature - 0 to 40°C (32 to 104°F)

DID YOU KNOW?

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An increase as small as 0.5% of CO_2 can be harmful to human health. Everyday, we **save lives.**

Analox has a policy of continuous improvement and we reserve the right to upgrade or change specifications without prior notice.
If you require a datasheet in another language please contact us.

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