

CO Alert

New Product Introduction

UK Dealer Information
November 2023



Digital Yacht CO Alert

Carbon monoxide alarm with NMEA 2000 interface

Digital Yacht CO Alert

Part Number: ZDIGCOALERT

UPC: 703791696581

SRP ex vat: £250 ex vat

Availability: January 2024

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www.digitalyacht.co.uk

Carbon Monoxide - Introduction

Carbon monoxide (CO) is a colourless, odourless, tasteless, poisonous gas produced by incomplete burning of carbon-based fuels - including gas, diesel, petrol, wood and coal. Carbon-based fuels are generally safe to use. It's only when the fuel doesn't burn properly that excess CO is produced which is poisonous. This could happen from an incorrectly installed heater, fumes from an outboard or inboard exhaust, wood burner or cooker.

When CO enters the body, it prevents the blood from bringing oxygen to cells, tissues, and organs. Sources of CO on a boat could be a cabin heater, cooker, engine or outboard motor

Because you can't see it, taste it or smell it, CO can kill quickly without warning. Small concentrations over a long period or high concentrations over a short period can kill.

Early symptoms of carbon monoxide (CO) poisoning can mimic many common ailments and may easily be confused with food poisoning, viral infections, flu or simple tiredness. Symptoms to look out for include: headaches or dizziness, breathlessness, nausea, loss of consciousness, tiredness, pains in the chest or stomach, erratic behaviour and visual problems

CO poisoning kills many boaters every year- get safe!

“Over the past 10 years, the MAIB has investigated five accidents that involved CO poisoning”

“The US. Coast Guard revealed that more than 800 people have been poisoned by boating-related carbon monoxide in the last 15 years, with over 140 of these poisonings resulting in fatalities.”

“Carbon monoxide (CO) is one of the most dangerous poisons because often boaters don't realize it's present until it's too late. It's important to educate yourself about the dangers of carbon monoxide poisoning so that you can protect yourself and your fellow boaters.”



CO Alert – Features

The lethal nature of CO means every boat should be protected with a local alarm. Of course, a typical household alarm could be installed but these have limitations for on board use. They utilise an internal battery which will often expire when left for long periods of time – it's all too easy to forget to replace with seasonal use on a boat. What's more, just a local alarm in a cabin with a crew member sleeping and the vessel underway with the noise of an engine is unlikely to be effective. CO Alert from Digital Yacht is built for demanding, maritime environments plus has NMEA 2000 integration so alerts will pop up on the boat's compatible MFD.

- DC powered and UL listed detector
- Connects to NMEA 2000 bus
- Ultra-low power consumption (<25mA)
- Local loud alarm
- Test function & continuous checking for system fault
- NMEA 2000 alerts for activation and fault
- Multi cabin compatible with multiple detectors (NMEA 2000 instance field programmable)

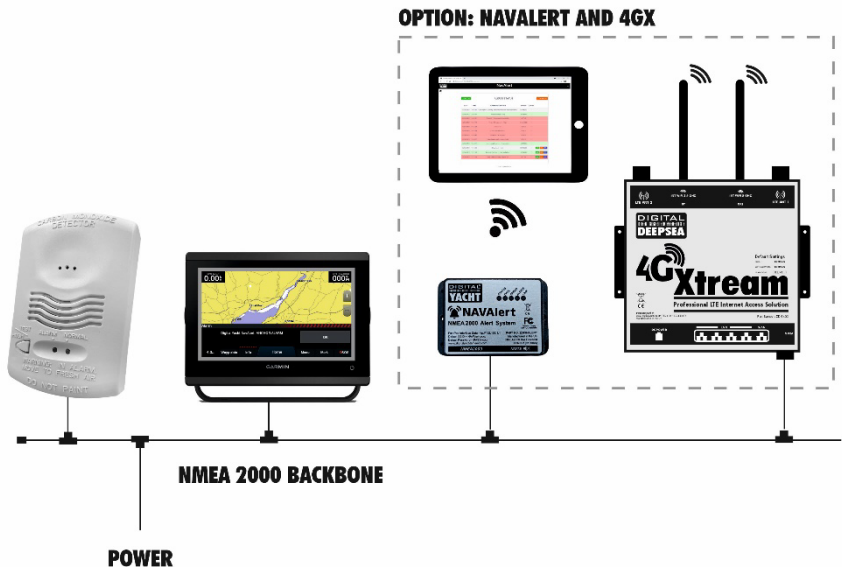
**Pop up alerts on a
Garmin MFD**



**“CO Alert is a
sophisticated CO
detector and alarm with
audible and visual alerts
as well as NMEA 2000
MFD integration”**

**Cabin audio and visual alerts and
test function**

CO Alert – Additional Functionality



CO Alert creates a standard NMEA 2000 alert PGN which allows pop up alarms on compatible MFDs. (At present, this functionality is best implemented by Garmin)

The system can also be expanded further with our NavAlert general purpose alert and monitoring device and our 4GX/5GX internet access systems. With this combination, SMS messages can be generated for a CO Alert and sent to a remote phone

Ordering Information

CO Alert Carbon Monoxide Alarm with NMEA 2000	Description
Manufacturer Description Part Number	DIGITAL YACHT CO ALERT CARBON MONOXIDE ALARM SYSTEM WITH NMEA 2000 ZDIGCOALERT
UPC	703791696581
Price Standard dealer discounts apply	£250.00 excluding vat
Key features	<ul style="list-style-type: none"> • Carbon monoxide detector and alarm with NMEA 2000 connectivity <ul style="list-style-type: none"> • Low current consumption (<25mA) • Local, loud audio and visual alarms on activation (or fault) <ul style="list-style-type: none"> • NMEA 2000 pop up alerts on compatible MFDs • Multi cabin/detector options • Sophisticated internal algorithm detects high concentration as well as low concentration for long periods for maximum protection
Shipping weight Commodity code Country of origin More information	0.25kg 90148000 UK www.digitalyacht.co.uk