



# CMD5-M Marine CO Alarm

CMD5-M



Only Battery-Powered Marine CO Alarm in the Industry!



**CO**  
CARBON MONOXIDE  
*The Silent Killer*

## CARBON MONOXIDE ALARM WITH NEW SENSOR TECHNOLOGY:

- ▶ **New sensor technology**  
Electrochemical sensor – immediate and stable sensing reduces false alarms  
Ultra-low current draw – 4 mA  
Long sensor life – Approx. 7 year End of Life (EOL)
- ▶ **Multiple location warning**  
All connected CMD5-MI Alarms sound together
- ▶ **Compact design for inconspicuous protection**  
Modern design blends in with interior decor
- ▶ **Battery operated version requires no power wiring**  
Reduced labor and material costs to install  
Maintenance free lithium-ion batteries
- ▶ **Relay module available for generator shutdown**  
One relay module for multiple CO alarms
- ▶ **Xintex quality and reliability on board**
  - Microprocessor controlled
  - Conformal coated circuit board for added protection
  - Time-weighted average CO measurement process constantly monitors all CO levels
  - Highly resistant to most chemicals, solvents and cleaners
  - Internal batteries or 12/24 VDC models available



MADE IN THE USA

**Fireboy-Xintex**, a global supplier of safety products, provides a variety of reliable fire detection and fire suppression products in addition to gas detection and control systems.

*Pre-engineered and custom engineered fire suppression systems are available.*

*Due to our ongoing process of continuing improvement, specifications and features may change without notice.*

**FIREBOY® - XINTEX®**



fireboy-xintex.com  
Grand Rapids, Michigan | Poole, England

## How The Xintex CMD5-M CO Alarm Works:

The Xintex CMD5-M CO alarm uses a sensor operating with a microprocessor to measure Carbon Monoxide (CO) levels. Using a "Time-Weighted Average" (TWA) process, it monitors CO concentration, temperature and time to calculate levels of Carboxyhemoglobin (COHb). COHb is the degree to which the oxygen carrying capacity of the blood is impeded by the union of carbon monoxide to the hemoglobin and is expressed as a percentage. The human body absorbs CO easier than oxygen and COHb is the ratio of absorbed carbon monoxide to oxygen in the bloodstream. The CMD5-M alarm calculates this COHb as a function of time and determines the appropriate alarm response.



**ON BOARD,  
ON GUARD!**



### PACKAGE INCLUDES:

**CMD5 Marine CO Alarm**

**Wall Mount Bracket 13310**

**Manual 18149**

	BATTERY POWER	BATTERY POWER INTERCONNECT	12/24 VDC POWER	12/24 VDC POWER INTERCONNECT
CO ALARM	CMD5-MB	CMD5-MBI	CMD5-MD	CMD5-MDI
MARINE APPLICATIONS	Yes			
OPTIONAL RELAY CONTROL MODULE FOR GENERATOR SHUTDOWN	N/A	RCM-5	N/A	RCM-5
END-OF-LIFE (EOL)	Approximately 7 years			
POWER USAGE @ 12 VDC	None	None	4 mA	4 mA
ALARM POINT	10% COHb			
MULTIPLE ALARM CONNECTIONS	No	Yes	No	Yes
ALARM HORN	85 dBA			
DIMENSIONS (L X W X H)	3.5 in x 3.5 in x 1.1 in 89 mm x 89 mm x 28 mm			
BATTERY	Lithium-ion		N/A	
WARRANTY	One (1) year limited warranty material and workmanship			

## Recommended Carbon Monoxide Detector Installation:

A carbon monoxide detector should be installed in each accommodation space. Small crafts with an open design may require only one detector for adequate protection. If two or more sleeping areas or spaces are partitioned then one detector should be installed in each of the spaces.



Accommodation spaces defined by ABYC include the main cabin and each sleeping area.



### ABYC A-24 24.4.5

Enclosed accommodation compartment - one contiguous space, surrounded by permanent structure that contains all the following:

- Designated sleeping accommodations
- Galley area with sink
- Head compartment

**FIREBOY - XINTEX®**

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