



UNITED SAFETY
& SURVIVABILITY CORPORATION™

CMD6 CO ALARM
PREVENT CARBON MONOXIDE POISONING
MARINE APPLICATIONS

***FIREBOY*® - XINTEX®**



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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)
- **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-metal batteries
- **Internal relay module available for generator shutdown or external signal**
- **Interconnect multiple CMD6 CO alarms**
All connected CMD6-MxR Alarms sound together
- **Battery backup on 12/24V DC unit**
- **RCM5 relay control module also available for use with CMD6**
- **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



CARBON MONOXIDE ALARM WITH NEW SENSOR TECHNOLOGY

| | BATTERY POWER | BATTERY POWER RELAY/INTERCONNECT | 12/24V DC POWER | 12/24V DC POWER RELAY/INTERCONNECT |
|--|--|----------------------------------|-----------------------|------------------------------------|
| MARINE CO ALARM, WHITE | CMD6-MB | CMD6-MBR | CMD6-MD | CMD6-MDR |
| MARINE CO ALARM, BLACK | CMD6-MB-B | CMD6-MBR-B | CMD6-MD-B | CMD6-MDR-B |
| MARINE APPLICATIONS | Yes | | | |
| END-OF-LIFE (EOL) | Approximately 7 years | | | |
| POWER USAGE @ 12V DC | None | None | <4 mA | <4 mA |
| ALARM POINT | 10% COHb | | | |
| MULTIPLE ALARM CONNECTIONS | No | Yes | No | Yes |
| ALARM HORN | 85 dBA | | | |
| CMD6 DIMENSIONS (L x W x H) | 3.5 in x 3.5 in x 1.21 in 89 mm x 89 mm x 31 mm | | | |
| BATTERIES | Lithium-Metal | | Lithium-Metal Back-Up | |
| OPTIONAL INTERNAL RELAY CONTROL MODULE FOR GENERATOR SHUTDOWN OR EXTERNAL SIGNAL | N/A | -“xBR” | N/A | -“xDR” |
| WARRANTY | One (1) year limited warranty material and workmanship | | | |

The CMD6 CO Alarm is tested to UL2034 Marine but not OSHA rated.



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.





How the Xintex CMD6 CO Alarm works:

The **Xintex CMD6 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 CMD6-M alarm calculates this COHb as a function of time and determines the appropriate alarm response.

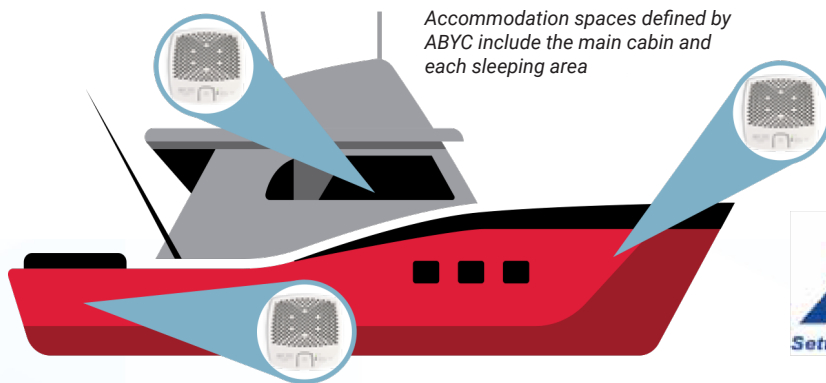
Recommended Carbon Monoxide Detector Installation:

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.

ABYC A-24 SECTION 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



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



**ON BOARD,
ON GUARD®**

