



ALERT2 Man-Overboard Alarm System™

Frequently Asked Questions

Most marine fatalities occur because someone fell overboard without a personal flotation device AND the vessel was unaware they fell overboard. Instantaneous notice, in addition to training of the crew in marine survival rescue, greatly improves the chances that a man overboard will not result in a fatality.

The ALERT2 Man-Overboard Alarm System™ is made up of:

- ALERT2 Man-Overboard Transmitter™ (worn by crew member)
- ALERT2 Man-Overboard Receiver™ (installed on boat or location where rescue operation can begin)
- ALERT2 Man-Overboard Portable Direction Finder™ (crew member holds device to direct location of man-overboard)

All these products have been created to identify to the crew that a man-overboard situation exists and finding that person is greatly improved because of the quick response of the ALERT2 Man-Overboard Alarm system.

What is the ALERT2 Man-Overboard Alarm System?

The ALERT2 Man-Overboard Alarm System™ or ALERT2™, is a marine safety system designed to notify the vessel if someone falls overboard, and locate the Crew Member Overboard (MOB). Everyone knows how hard it is to find a person in the water who has been overboard for only a minute. The ALERT2 solves that problem by sounding an alarm on the boat within seconds of someone falling overboard, and locating them visually or with the ALERT2 Portable Direction Finder.

How does it know when someone falls overboard?

The ALERT2 Man-Overboard Alarm System has a water activated transmitter that is easily and comfortably worn by the deck crew. Because of the transmitters long battery life, and low voltage requirements, the ALERT2 Transmitter is automatically sensing any large amount of water. If the transmitter becomes submerged for a few seconds, it begins transmitting a radio signal to the ALERT2 Receiver on the boat. When the receiver picks up the signal it sounds a loud alarm, alerting the deck crew, allowing for a locally managed rescue operation. It works in fresh or salt water.

How does the ALERT2 Man-Overboard Alarm System locate the person overboard?

With the optional ALERT2 Portable Direction Finder, the victim can be located when the hand held antenna is swept around the horizon and pointed in the direction of the MOB. Maximum range is 1 nautical mile.

How does the ALERT2 Man-Overboard Alarm System help the single handler?

The shipboard mounted receiver has relay contacts that can be wired into various devices such as an engine shut down or autopilot disconnect. This gives the victim a chance to swim back to the boat.

How many ALERT2 Man-Overboard Transmitters can be used?

There is no limit to the number of transmitters. Every crew member should wear one on their Personal Flotation Device (PFD).

Will the ALERT2 Man-Overboard Transmitter switch on if I get splashed on deck?

When mounted in its pouch (included), rain and waves splashing against it will not activate the water sensor. However, in conditions where excessive water is around the crew member, for example commercial fishing vessels where pulling lines over shoulder will drip water over the ALERT2 Transmitter, a Spray-tight pouch is available to protect the ALERT2 from sending unwanted transmissions.

What is the difference between the ALERT2 Man-Overboard Alarm and an EPIRB?

An EPIRB is designed to transmit to a satellite which will retransmit a position to the authorities. It may take many hours before a search effort is conducted. The ALERT2 Man-Overboard Alarm is an automatic, local beacon for the boat and provides quick notification for the fastest rescue.

Will the ALERT2 interface with my Chartplotter software?

ALERT2 Receiver will work with chartplotting software that is able to accept a simple contact closure that equivocates to a click of the mouse on the MOB icon on the software. For a specific list of software products that work with ALERT2, contact us at 800-426-4201.

Will the ALERT2 Man-Overboard Alarm work underwater?

No. The ALERT2 Transmitter is on a UHF frequency and will not transmit underwater. This is why a PFD should be worn and the transmitter mounted high on the PFD.

What do I have to do to maintain the ALERT2 Man-Overboard Alarm System?

The ALERT2 Man-Overboard Transmitter uses two (2) 3.6 volt replaceable lithium batteries (included) with a 10-year shelf life. You can arm the Transmitter and leave it in that state for up to 10 years. Though we highly recommend testing your ALERT2 products periodically. Replace the batteries after emergency use. Never use standard Alkaline batteries.

Do I need a radio license?

The ALERT2 Man-Overboard Alarm System is approved by the U.S. FCC and by Industry Canada. No license is required.

Who is using the ALERT2 Man-Overboard Alarm System?

The ALERT2 is currently in use by the U.S. Coast Guard, Pilot Vessels, Tug Boats, Fishing Vessels, Powerboats, and Offshore Sailboats.

What type of warranty comes with the products?

All ALERT2 products come with a 3-year parts and labor warranty.

Where can I buy any of the ALERT2 Man-Overboard Alarm products?

You can purchase directly from us or through your favorite Marine Safety Products Dealer. Call us at 800-426-4201 to direct you to the best resource.



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