

Man-Overboard Alarm/Locator



Shown actual size

- Water-activated Transmitter
- Receiver Interfaceable to GPS or Engine Shutdown
- Direction Finder Option Can Locate MOB
- 1 Mile Range

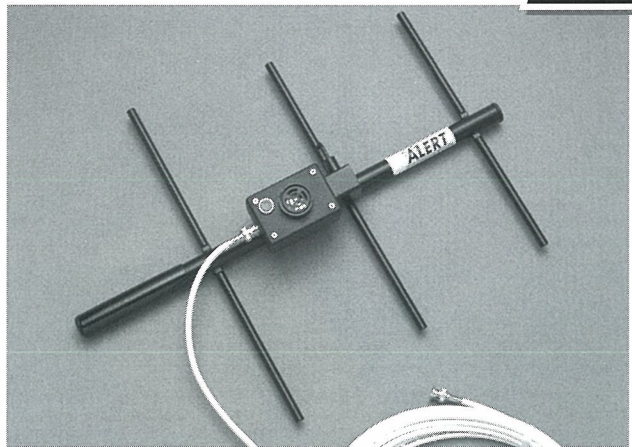
ALERT₂



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When a crewmember falls overboard, the water-activated ALERT2 Transmitter sends a radio signal to the ALERT On-Board Receiver, sounding a 95 dB alarm and marking your position on a compatible GPS or Ioran. The ALERT Receiver can also be wired to shut down an engine, or disable the autopilot, offering a margin of safety for the single-handed operator.

**Used by the US Navy, US Coast Guard,
Pilot Vessels, Tug Boats, Fishing Vessels,
Powerboats and Offshore Sailboats**



The ALERT Direction Finder is a rugged hand-held directional antenna that plugs into the ALERT Receiver, allowing the user to search for the victim's ALERT Transmitter signal by manually sweeping the horizon while monitoring the antenna's 100dB alarm and light.

Specifications

AT100 Transmitter:

Weight:	4oz. with batteries
Dimensions:	5.5"x1.5"x.75"
Watertight integrity:	200 feet water depth, maximum
Power supply:	Two 3.6 volt AA lithium batteries
Controls:	Off/Armed/Manual On
Attachment:	Nylon pouch
FCC Approval:	Part 15 (no license required)
Frequency:	418 MHz
Range:	One mile maximum
Antenna:	Internal
Operating life:	Three hours minimum at -4°F (-20°C)
Battery replacement:	Annual or upon emergency use
Low battery indicator:	Steady red LED
Operating temperature:	-4°F to 130°F (-20°C to 55°C)
Storage temperature:	-40°F to 158°F (-40°C to 70°C)

AR100 Receiver:

Power supply:	12 volt, 100mA, external
Dimensions:	6" x 5" x 1.5"
Weight:	12 oz.
Mounting:	Bracket, vertical or horizontal
Antenna:	18" whip with 25 ft. coax
Internal alarm:	95 dB, front panel mounted
Remote alarm/GPS/Engine shutdown:	Relay contacts: normally open, and normally closed, 1A max
Operating temperature:	-4°F to 130°F (-20°C to 55°C)
Storage temperature:	-40°F to 158°F (-40°C to 70°C)

ADF100 Direction Finder:

Dimensions:	19" x 15" x 3"
Weight:	2 lbs.
Cable:	25 ft. coax, included
Indicators:	100 dB horn w/red LED

Specifications subject to change without notice

***For maximum protection always wear personal flotation
and mount the ALERT2 high on the chest.***

EMP Emerald
Marine
Products

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