

Man Over Board MOB1 personal locator device

The worlds smallest personal locating AIS Man Over Board device with integrated DCS. The MOB1 is intended to be installed within the life jacket and will activate automatically on inflation, sending the first alert within 15 seconds. In an emergency MOB1 provides two methods of rapidly communicating your location back to the vessel, plus providing visual indication.



Rapid rescue

The best chance of rapid rescue if you fall overboard comes from your own vessel. Your crew needs to be immediately aware of the incident and keep track of your position whilst recovery is carried out. Even in the most moderate seas it is alarming how quickly a visual sighting of a man overboard can be lost.

Precise location

Once activated your MOB1 will transmit an alert to all AIS receivers and AIS enabled plotters in the vicinity. The integrated GPS ensures precise location is sent to your vessel and any others that may be assisting. An additional feature of the MOB1, is its ability to activate the DSC alarm on your vessels VHF, alerting your crew to the situation.

Compatibility

Most modern AIS plotters and DSC VHF comply with the standards required to receive the MOB transmissions. It is recommended that you check compatibility with the equipment manufacturer, particularly if you are using older equipment.

Strobe light

The integrated strobe light ensures maximum visibility in low light conditions.

TECHNICAL SPECIFICATIONS

Communication method	AIS (Automatic Identification System) DSC (Digital Selective Calling)
Dimensions	Height 134 mm Diameter 38 mm
AIS transmission	Transmit 1Watt
Power	
Frequency	161.975/162.025MHz
DSC Transmission	0.5Watt
Transmit Power	
Frequency	156.525MHz
Messages	Individual Distress Relay Distress Alert (by single call made on press of the activation button)
Temperature range	-20°C - +55°C (operational)
Temperature range	-30°C - +55°C (storage)
Waterproof	10 meter depth
Weight	92 grams
Battery lifetime	7 years
Approvals	RTCM SC11901, EN303 098-1



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