Dräger

Man Over Board MOB2 personal locator beacon

Introducing the world's smallest AIS Man Overboard (MOB) device with integrated VHF DSC. This vital component of any maritime safety kit is designed for rapid response in man-overboard emergencies. Compact and lightweight, the MOB2 integrates seamlessly with even the most compact inflatable lifejackets, ensuring automatic activation upon inflation.

Broadcasting your precise location
The MOB2 sends the first alert within 15 seconds, broadcasting your precise location using AIS technology to nearby vessels and onboard navigation systems. It communicates with the vessel you've been separated from and other vessels up to 5 miles away, depending on conditions. Additionally, nearby vessels are instantly notified of the man-overboard situation through DSC technology.

Rapid rescue
In an emergency, the rescueME MOB2 provides two methods of rapidly communicating your position, accurate to a few meters, and offers visual indication via its built-in strobe lights. Its integrated dual Infrared (IR) and White strobe lights ensure maximum visibility in low light conditions, providing peace of mind for sailors and boaters by enhancing safety on the water and potentially saving lives in critical situations. Waterproof to 10 meters, the MOB2 features a robust construction and a long-lasting battery.

Smartphone Connectivity utilizing Near Field Communication (NFC)
The integration of NFC technology provides users with the ability to conveniently program the MOB2 MMSI and access beacon data from their mobile phone. The simple act of placing a phone near the beacon automatically opens the Ocean Signal Product App and provides access to a variety of usage data including current battery life, number of self-tests completed, number of GNSS tests completed, and if applicable, the amount of time the beacon has been activated.

Class M Approved AIS Man Overboard Beacon with VHF DSC
Engineered to exceed Class M requirements, the MOB2 is Compliant with regulation ECC/DEC/(22)02 regarding the use of MOB devices.

Life jacket Integration
The MOB2 can be activated manually or automatically when installed within an inflatable life jacket (automatic). Installation is made simple using the included oral inflation tube clip to attach the MOB2 to the life jacket with a ribbon connected around the bladder of the life jacket. Once correctly installed, the action of the life jacket inflating triggers the deployment of the antenna and activation of the beacon.

Compatibility
Most modern AIS plotters and DSC VHF comply with the standards required to receive MOB transmissions. It is however, especially if you are using older equipment, recommended that you check compatibility with the equipment manufacturer.
- The MOB2 may be configured by the user to enter the vessels DSC MMSI number* by downloading the software at the link below. The vessel's DSC number may be programmed multiple times.
- * DSC functionality is subject to regulations of country.
- ** Always refer to the lifejacket manufacturer for specific instructions before installing this product directly to your lifejacket.
- *** Subject to warranty statement. (Note: When used in commercial applications the warranty period is restricted to two years.)

More features
- 12+ hours operational life
- Integrated Near Files Communication (NFC)
- Smartphone connectivity via NFC
- Ocean Signal Mobile App (IOS and Android)

TECHNICAL SPECIFICATIONS

Communication method	AIS (Automatic Identification System)
	DSC (Digital Selective Calling)
Dimensions	Height 134 mm, excl. antenna
	Height 178 mm, incl. antenna
	Diameter 38 mm
	Dept 27 mm
AIS transmission Transmit Power	1 Watt
Frequency	161.975/162.025MHz
DSC Transmission Transmit Power	0.5Watt
Frequency	156.525MHz
DSC messages	Individual Distress Relay Distress Alert (by single call made on press of the activation button)
Temperature range (operational)	-20ºC - +55ºC
Temperature range (storage)	-30ºC - +70ºC
Waterproof	20 meter depth
Weight	92 grams
Battery lifetime	5 years***
Approvals	RTCM SC11901, EN303 098-1
	Class M Compliant (Regulation: ECC/DEC/(22)02)

MOB2 Man Over Board
Personal locator device