

rescueME®

# MOB1

## Your Local Link to Rapid Rescue



## Your Local Link to Rescue



### rescueME MOB1

The worlds smallest **AIS**  
**Man OverBoard** system  
with integrated DSC.



**AIS**

(Automatic Identification System)



**Integrated DSC transmitter**  
(digital selective calling)\*



**30%** <sup>(typ)</sup> smaller



**Automatic activation**



**Simple lifejacket integration**



**7 year battery life**



**24+ hours operational life**



**5 year warranty**<sup>†</sup>

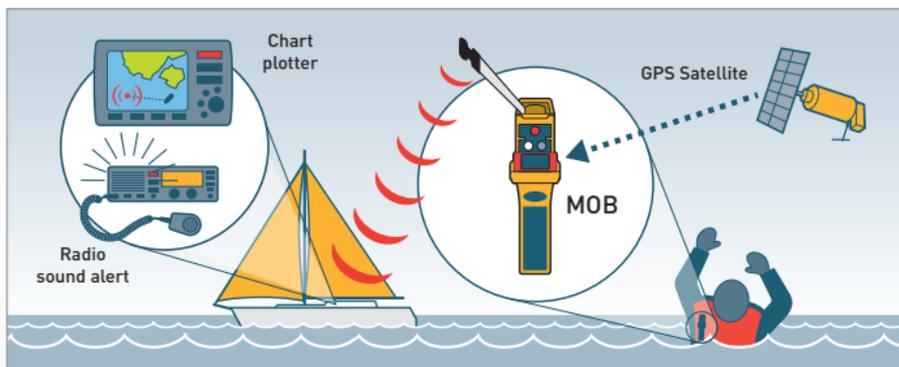


**Fast accurate positioning**

\* DSC functionality is subject to regulations of country.  
† subject to warranty statement.

Actual size

# Communication and safety at sea



In an emergency **rescueME MOB1** provides 2 methods of rapidly communicating your location back to the vessel, plus providing visual indication.



**AIS** – Provides accurate position information on the vessels chart plotter. Plotter can then show distance and bearing to man overboard



**DSC** – Activates alarm on DSC VHF radio



High intensity strobe

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 of seas it is alarming how quickly a visual sighting of a man overboard can be lost.

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 MOB transmissions. It is however, especially if you are using older equipment, recommended that you check compatibility with the equipment manufacturer.

## Features

Introducing the world's smallest AIS MOB device with integrated DSC – the **rescueME MOB1** from Ocean Signal. The MOB1 is compatible with even the most compact inflatable life-jackets.

The MOB1 is intended to be installed within the life-jacket and will activate automatically on inflation, sending the first alert within 15 seconds.



Pull down to arm



Activation tape



Life jacket mount

# Features and specifications

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



Integrated strobe light

The MOB1 communicates with the vessel you have been separated from and other vessels in the vicinity (up to 5 miles range dependent on conditions). To alert rescue authorities, an alternative product the rescueME PLB1 communicates directly via a dedicated search and rescue satellite network. For more information visit [www.oceansignal.com](http://www.oceansignal.com)



The rescueME PLB1

## Specifications

AIS transmission Transmit Power (EIRP): 1Watt

Frequency: 161.975/162.025MHz

DSC Transmission Transmit Power (EIRP): 1Watt

Frequency: 156.525MHz

Messages\*: Individual Distress Relay  
Distress Alert (by single call made on press of the activation button)

### Environmental:

Temperature range (operational): -20°C - +55°C

Temperature range (storage): -30°C - +70°C

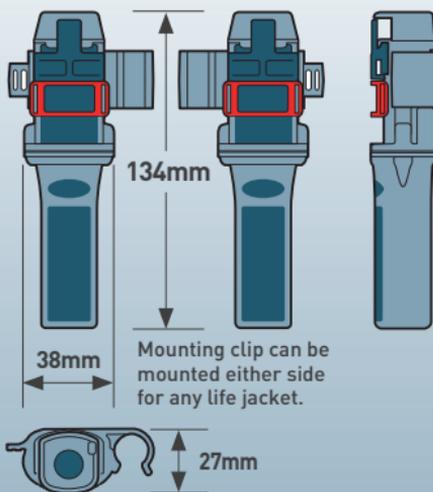
Waterproof: 10m depth

Weight: 92 grams

Standards: RTCM SC11901, EN303 098-1

\*DSC messages sent depend upon National Regulations

## MOB1 dimensions



info@oceansignal.com  
www.oceansignal.com  
+44 1843 282930

Dealer stamp

Whilst every effort has been made to ensure the information in this brochure is accurate, products and specifications may be changed without notice.

