

# easy2-MOB

Made in Germany by Weatherdock AG



AIS & DSC -

Only those who are found quickly  
can be rescued reliable and in time



# easy2-MOB



AIS + DSC MOB Alerting for your  
personal safety aboard

## The new easy2-MOB is a combined AIS/DSC emergency beacon and puts AIS MOB to the next level.

The new AIS rescue transmitter now has an integrated DSC receiver and is able to send DSC „open loop distress calls“ and to receive their confirmation again. In the event of a „man overboard“ situation, the device enables all ships in the immediate vicinity of the casualty to be alerted immediately.

This ensures that rescue attempts can be made as quickly as possible.

Alerting is carried out in parallel via AIS to all AIS receiving systems within transmission range of the easy2-MOB as well as via DSC „distress call“ to DSC radios. First and foremost, of course, with both alerts to your own ship.

By using powerful red LEDs, the easy2-MOB can also be used as an electronic torch. This increases the visibility especially in the dark.

Due to its small size, the AIS MOB easy2-MOB is suitable for use with numerous automatic life jackets.

### Function

#### Attachment in the vest

The AIS MOB easy2-MOB is simply pushed upside down between the folded bladder of the life jacket. To do this, the vest only needs to be opened a little. The safety line is attached inside e.g. to an existing ring with a knot.

To activate the automatic activation, the yellow slider has to be moved from „disarmed“ into the „armed“ position at the left side.



Finally, the vest is closed again.

- no blocking of the bladder
- no blocking of the tube

#### In case of an emergency

##### Automatic activation

In a „man overboard“ situation, the vest inflates automatically as soon as it is submerged in the water. The inflating balloon presses out the easy2-MOB, which then automatically activates itself when it comes into contact with the water and immediately begins to send the emergency signals

##### Transmission DSC „closed loop distress call“

With the AIS MOB easy2-MOB it is possible to send the emergency signal to a group of up to 8 ships, including the mother ship, in a „closed loop“. These MMSI numbers can be programmed via a Bluetooth connection from a smartphone with the free Weatherdock app. A first transmission to these ships takes place just seconds after activation. Since the position has not yet been determined, the unit ID of the AIS MOB is sent first.

This immediate alarm is intended to sensitize the „closed loop vessels“ to the impending dangerous situation. As soon as a position determination is available, it is sent again to these ships.

##### Transmission DSC „open loop distress call“

If the group does not confirm the „closed loop distress call“ within 10 minutes, the AIS MOB

easy2-MOB automatically switches to the „open loop distress call“ and sends an emergency signal to all ships. This signal can, for example, also be picked up and forwarded by commercial shipping. In this way, the emergency call can reach a coast station and trigger a rescue scenario there.

##### Transmission of AIS emergency messages

In parallel to the DSC transmission, an AIS emergency message is sent after the position has been successfully determined. This can be received by any ship with AIS on board within a radius of up to 7 nautical miles around the casualty. The transmitted position data is updated every minute and retransmitted together with information on course and speed over the ground.

### Highlights

- Can be used with many automatic life jackets without any special preparation
- AIS emergency report to every AIS receiving system within the transmission range
- Repeating AIS emergency report with updated GPS position data
- DSC distress call to up to 8 different ships in the „closed loop“ process
- DSC distress call in the „open loop“ procedure automatically after 10 minutes
- 60+ hours of battery life
- Powerful red LED torch
- 1 watt radiated transmission power in AIS mode
- 0.5 watt radiated transmission power in DSC mode
- Fully automatic activation on contact with water
- Fully buoyant without a buoyancy aid
- No annual fees
- No licenses required
- In accordance with all standards and regulations

### Technical Data

- Approvals: CE
- Battery: 6V, 2 lithium units, CR2
- Operating temperature: -20 ° C to + 55 ° C
- Storage temperature: -40 ° C to + 70 ° C
- 2 buttons („TEST“ and „ON“)
- Display: 9 LEDs (1 x „program LED“, 2 x „status LED“ and 6 x „flash light LED“)
- Red LED torch
- Frequencies: AIS: 161,975 und 162,025 MHz  
DSC: 156,525 MHz
- Dimensions (L/W/H): 195 x 50 x 32 mm
- Weight: 120 g
- Product no. : # A22800



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