

# W422 MOB AMRD - Group B

## Art. 41053

The new W422 "RESCUE-ME" is a compact personal safety device designed to ensure the safety of every crew member on board a vessel. It can be easily attached to a lifejacket using the dedicated bracket or with hook-and-loop fabric. In the event of a man overboard situation, the W422 automatically activates thanks to sensors located on the back of the device, and it transmits a radio signal to assist in locating the person in the water.

To use this device, it is necessary to have the dedicated W406 receiver, to be installed on board.

The W422 "RESCUE-ME" is equipped with a manual ON/OFF knob with a safety lock to prevent accidental activation, a high-efficiency LED light to aid in locating the user in low visibility conditions, and a large button for TEST mode or manual activation. When the knob is in the OFF position, pressing the button starts a TEST procedure to check device functionality and battery status. When the knob is in the ARMED position, pressing the same button triggers the immediate transmission of an alarm signal.

The W422 emits a radio signal on international maritime frequencies AMR - Group B, which can be received using our W406 receiver installed on board.

An integrated GPS receiver provides the location of the person overboard to aid in their recovery.

- TECHNOLOGICAL AND RELIABLE.
- LIGHTWEIGHT, COMPACT AND EASY TO WEAR.
- SIMPLE TO USE.
- HIGH EFFICIENCY LIGHT INDICATOR FOR BETTER LOCALIZATION IN POOR VISIBILITY CONDITIONS.
- AUTOMATIC AND MANUAL ACTIVATION.
- OPERATING IN AMRD GROUP 8 MODE, WITH BUILT-IN GPS.
- PREPROGRAMMED IDENTIFIER.



Technical features  
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Channel VHF Of transmission :	150.9 MHz
Output Power:	+20 dBm typical (100 mW) EIRP
Modulation:	GMSK
Message:	type 1 ( GPS,UTC ,SOG,COG,UIO) and type 14 (SART ACTIVE or SART TEST)
Location update:	every minute
Antenna:	flexible stylus type, protected in silicone range
Light signal:	1 high efficiency white LED diode, flash 25mS repeated 20 times/minute
Light level:	> OB candles on the perpendicular axis
Operating temperature:	from -20 '[ to +55'[
Storage temperature:	from -30 '[ to +?O'C
Activation:	two-action manual / semi-automatic
Diet:	3 Primary batteries LiMnO <sub>2</sub> 2/3AA (CR123)
Battery life:	replacement every 5 years*
Operations and controls:	arming, manual activation, semi-automatic, TEST function.
Operating life (when activated):	minimum 24 hours.
Dimensions:	125 x 55 x 25 mm (L x W x H) [excluding antenna]
Weight:	140g
Fixing:	flange passes through the strap and safety strap
European Regulations:	RED Directive
Available in ATEX II 3G IIC T5 version	
*in weather conditions standard [20th ± 5th, ≤ 60 % ur ), including the cycles Of trial	

