



**WamBlee**

Committed to Excellence

# W470

rescue device

## **MULTI FREQUENCIES MOB AIS+VHF 121.5MHz ALL IN ONE**

- MULTIFREQUENCY MOB DEVICE DESIGNED SPECIFICALLY FOR THE PROFESSIONAL USERS.
- WORKS SIMULTANEOUSLY IN AIS MODE, AND 121.5 MHZ HOMING.
- HIGHLY-EFFICIENT LIGHTING SIGNAL DESIGNED TO ENSURE IMPROVED LOCALIZATION IN CONDITIONS OF POOR VISIBILITY.
- AUTOMATIC AND MANUAL ACTIVATION
- LOW POWER 66 CHANNELS GPS MODULE FOR FAST AND SAFE LOCATION.



The new W470 device is a compact personal safety device, designed to guarantee the safety of each member of a vessel's crew or of any other professional crew working at sea. It can be fixed to self-inflatable jackets via the tear-to-open tape retainer or via the handy clip provided for fixing to the inflating mouthpiece.

Should the wearer fall overboard, the W470 starts working automatically thanks to the sea-sensors situated on the rear of the device and transmits a radio signal that can be used to locate the crew member.

The W470 is fitted with an activation/deactivation knob and a safety lock to avoid the device being accidentally activated. The device is also equipped with a high-performance light signal (LED) to aid the localization of the crew member during conditions of poor visibility, as well as a large Test or Manual Activation pushbutton.

To ensure the device is working properly and to check the battery level, the user needs to ensure that the activation knob is in the OFF position before pressing the Test button. Out at sea and with the activation knob in the ARMED position, the user can

press the push button to send out the alarm signal in the moment he falls overboard.

W470 **simultaneously** emits a number of SAR signals including a **AIS message** (AIS MOB on channels AIS 1 & 2) and a **homing signal** at 121.5 Mhz in compliance with the ETSI 302961 standard. The emission of several signals increases the chances for people in distress to be located by the SAR rescue units who receive the signals.

A sophisticated integrated GPS receiver provides the location of the crew member.

The batteries supplied with the device (three LiMnO<sub>2</sub> 3-volt batteries) have a guaranteed life of 5 years (in normal weather conditions) and can be replaced directly by the user.

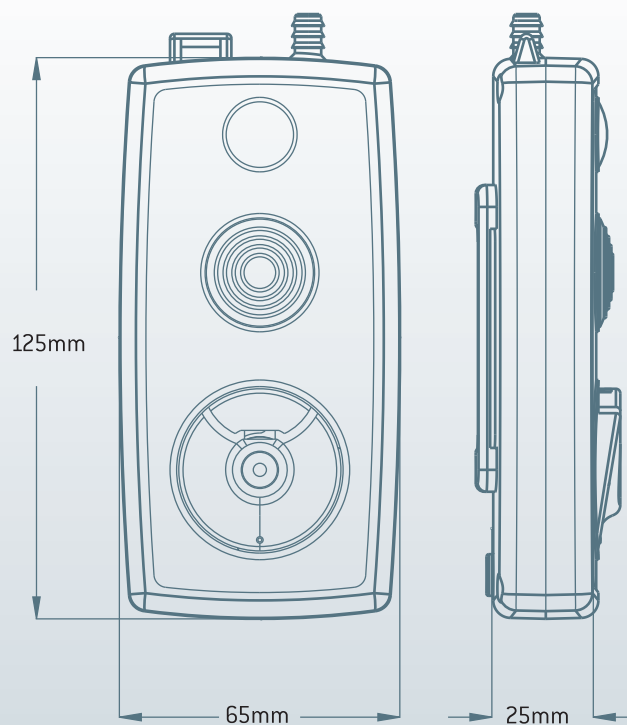
The W470 is an extremely easy to use device and thanks to the ergonomic design and the shape of its controls, can be easily activated, even if the user is wearing gloves and/or protective gear, such as on the offshore platform.

The W470 is also available in ATEX version (W470EX).

## TECHNICAL SPECIFICATIONS

- Channels or frequency: AIS Ch. AIS 1 & 2, homing 121.5 Mhz.
- RF power: AIS +33 dBm EIRP typ., minimum +30 dBm EIRP, homing +20 dBm.
- Message: AIS MOB (message 1 and 14), downstair homing tone.
- Position update every minute (AIS).
- Antenna: flexible type stylus, protected with pvc pipe.
- Light signalling: 1 diode LED high-performance white light, 25 mS flash repeated 15 times/minute.
- Light level: > 0.8 CD perpendicularly.
- Working temperature: from -20°C to + 55°C.
- Storage temperature: from -30°C to + 70°C.
- Activation: manual two stages / partially automatic.
- Power supply: 3 primary LiMnO<sub>2</sub> 2/3AA (CR123), non hazardous.
- Battery replacement (if not used): 5 years from manufacturer date\*.
- Operation and controls: armed, manual activation, partially automatic, TEST function.
- Operation life: minimum 12 hours at -20° C.
- Size: 125 x 65 x 25 mm (L x W x H) (antenna escluded).
- Weight: 140 gr.
- Fixing with back flange stringer or clip mounting mouthpiece oral inflation tube of the vest.
- European Standards: Directive 2014 / 53 / EU (RED), IC.
- 2 years warranty.
- Also available in ATEX version (W470EX), ATEX II 3G IIC T6.

Order Code	Description	Packing quantity
P20042	W470 MOB AIS-HOMING ALL IN ONE	1



\* Under standard climatic conditions (20° ± 5° C, <= 60 % RH), including test cycles defined in the manual but without any activation.



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