

WAVEFINDER



For more safety on board



Crew: One antenna and one display cover all members of the crew wearing transmitters.



Compact: The transmitter (12cm, 130gr) fits easily safety equipment of crew members.



Long life battery: Totally reliable for several years with 6-year battery-life.



Activation: Automatic when incorporated into an automatic life-jacket or when removed from its pouch.



Installation: Easy to install even for a non professional.



Accuracy: The multi-LED display provides an accurate bearing of the person over-board, even in rough conditions.



Waterproof: Transmitter, antenna and display are waterproof.



User friendly: Extremely easy to use even under stress, the system does not require prior training.

MOB search system

The WAVEFINDER is an autonomous system that automatically alerts the crew when someone falls overboard. It gives an immediate, exact location of the person in the water.

As soon as a transmitter is activated, the WAVEFINDER continuously displays the direction to head for in order to find the man overboard as well as the approximate area. The guidance provided to pinpoint the person is excellent, whatever the weather conditions.

This product is intended for all sailors, professionals or otherwise, who are concerned about the safety of their crew members, their guests or their family.

Transmitter



Antenna

Horn

Display

This system is used to alert and guide the boat's crew in a man overboard situation. It provides precise and clear guidance to facilitate the search for the person in the water in the shortest time possible, whatever the sea and wind conditions, and the currents. It is an active, intelligent safety system that operates alongside the existing safety accessories.

The transmitter

The transmitter is carried by the individual on a belt or directly integrated into a lifejacket. Its small size and lightweight (12 cm and 130 grams) makes it easy and unobtrusive to carry.



Once activated, the sophisticated electronics of the transmitter provide in excess of 6 hours a continuous signal. The lifetime of the battery is six years. An algorithm integrated in the antenna avoids any false alarm.



The display

The display consists of a waterproof LED display and an alarm that alerts the crew when an incident occurs. The display provides an easy to use visual indication of the direction and relative distance of the MOB. This information is continuously updated so that the vessel is always tracking in the right direction to achieve the recovery as fast as possible.



The antenna

The solid-state directional antenna is a lightweight device which only requires one electrical connection to the display. It is designed for installation in a variety of locations aboard yachts, motor cruisers and professional vessels.



References

- "Best on Test" PBO Practical Boat Owner
- Voile Magazine Selection
- GROUPAMA
- The Gitana Team
- Transquadra
- Jacques Vabre

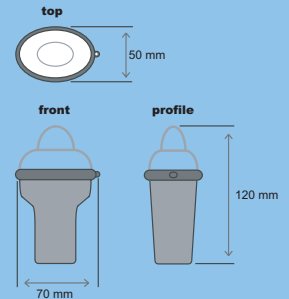


TECHNICAL SPECIFICATIONS

TRANSMITTER

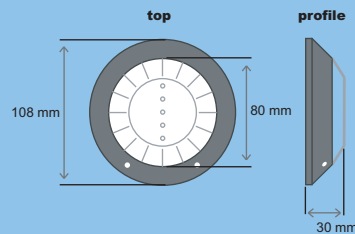
Water proof
 Weight 130 g
 Operating temperature -5 to 60°C
 System range up to 10 NM *
 (depending on receiver position, sea conditions and electromagnetic smog; the rougher the sea, the greater the system range)
 Frequency 869.5 MHz
 Battery life 6 years storage
 6 hours operation minimum

* 1 NM = 1.853 km



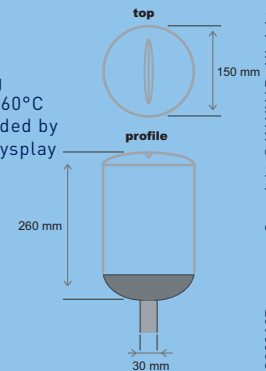
DISPLAY

Water resistant
 Internal buzzer
 Connection for external buzzer
 Weight 160 g
 Operating temperature -5 to 60°C
 Supply voltage 9 to 30 Vdc
 Current supply (stand by) 100mA@12V; 60mA@24V
 Current supply (active mode) .. 140mA@12V; 80mA@24V
 Accuracy +/- 2°
 Resolution 22.5°
 Current max for ext alarm 200 mA
 Supply voltage for ext alarm ... 12 V (when Valim > 13V)



ANTENNA

Water resistant
 Weight 660 g
 Operating temperature -5 to 60°C
 Power supply provided by the display



APPROVALS

DHAMAS
 BV0062
 IEC 60945(2002)
 French MMF Regulations Division 332 and Division 310

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