

Man Over Board sMRT AU11

The sMRT AU11 is a dual operating AIS Personal Locator Beacon (PLB) alerting on the 121.5MHz international Search and Rescue (SAR) frequency, while simultaneously transmitting GPS coordinates on AIS.



Function

Automatic activation will alert you of every MOB incident within 2 – 5 seconds. With GPS position updated every minute via AIS, yours and every nearby vessel becomes an instant SAR asset able to track multiple casualties up to 75 miles away.

Features

- **121.5 MHz:** features a low power homing signal to assist local rescue efforts
- **VHF DSC:** all nearby vessels are automatically alerted of the man overboard situation via DSC
- **AIS:** the live location of the man overboard is regularly updated and displayed via AIS
- **Dual GNSS:** combines both GPS & Galileo GNSS receivers for accelerated detection
- **Class-M:** compliant to European regulation ECC/DEC/(22)02 relevant to the usage of MOB devices
- **Strobe light:** Antenna can be unscrewed and detached for easy storage
- **Arming switch:** Arming switch, locks in and clearly displays if the PLB is ON or OFF
- **Audible Alarm:** highlight activation to both aid location and raise awareness of false activation
- **Test Functionality:** manual and app based device safety, providing a health check on power and functionality
- **Dual Activation Methods:** device can be activated manually or after immersion in water meaning it will still work if user is incapacitated
- **Clipping system:** Secure clipping system allows easy attachment options for life jackets
- **Water Proof:** the device is designed to withstand submersion up to 10 meters, ensuring its protection against water

TECHNICAL SPECIFICATIONS

Dimensions	Height 80mm Width 95 mm Depth 35 mm
Weight	250 grams
Frequency	VHF DSC Channel 70: 156.525 MHz AIS Channel 1: 161.975 MHz AIS Channel 2: 162.025 MHz
AIS transmission power	Nominal 1W EIRP
Temperature range (operational)	-20°C - +55°C
Temperature range (storage)	-45°C - +70°C
Waterproof	IP68
Battery type	6V Li-MnO2
Battery life	Minimum of 12 hours at -20°C
Approvals	European approvals: EN303 132 V2.1.1 EMC: EN 301 489-3, EN 301 489-19 Safety: EN 63268-1: 2018 Radio (121.5 MHz): EN 302 961 V1.2.1 Radio (AIS): EN 303 098 V1.2.1