

Sea Marshall AU9X PLB

Within 2 - 5 seconds of immersion in water, the Sea Marshall AU9X sends a distress signal on 121.5MHz which is then tracked using a sMRT SARfinder base unit. The Sea Marshall AU9X is intrinsically safe and has ATEX approval for Zone 2 areas.



Function

The Sea Marshall AU9X works in seconds, sending an emergency alert and tracking on 121.5 MHz, after automatic or manual activation. All nearby vessels will receive the alert and be able to track, using their SARFinder 121.MHz homing signal, to quickly locate and track the man overboard (MOB) casualty.

Features

- worldwide ATEX Zone 2 approval
- lightweight and easily integrates in to a life jacket
- 2 second auto-activation via immersion in water or manual operation
- minimum of 12 hours emergency transmission on 121.5 MHz - International Search and Rescue frequency
- LED light on antenna for visual tracking
- automatic low battery indicator
- test function to check signal transmission and battery power

TECHNICAL SPECIFICATIONS

Tx frequency	121.5 MHz (Test Units: 121.65 MHz)
Bandwith	25KHz (in alignment with ETSI)
Modulation	Continuous swept tone A3X
Alerting radius	Surface-to-surface: 2 to 3 nautical miles (100mW) depending on sea state, atmospheric conditions and altitude/height of receiving antenna
121.5 MHz Tx Power	100mW
Output	
Time to Auto-Activation from READY	2 seconds
Time to Water-Activation Override from OFF	40 seconds
Battery type	2 x CR-AA 3V battery pack
Operating time	minimum 12 hours
Battery service life	1 year (at 20°C)
Operating temperature	-20°C - +55°C
Storage temperature	-55°C - +70°C
Dimensions	90 x 80 x 35 mm, antenna length: 105 mm
Antenna lenght	105 mm
Weight	250 gr including antenna
Internal loudspeaker	80dB
Environmental resistance	IP68, Eurocae ED-14F
Approvals	CE, FCC, ATEX Zone 2 II 3G (AU9-X)