

AIS SART

Safety Tech can be Simple But Smart

PLOMO-500

The Latest SART Technology -

AMEC AIS SART (Search And Rescue Transmitter) PLOMO-500 complies with IEC 61097-14 specification. It is designed to be an alternative of Radar SART. PLOMO-500 can transmit GPS positions, Unique ID, COG and SOG in every minute once activated. It allows the rescue team to locate the survivors rapidly through the broadcasted AIS information and, ultimately, gives the lives a better chance to survive.

User-Friendly Operation -

AMEC PLOMO-500 is not just only the AIS SART itself but also a complete survival/distress solution of all other essential accessories of AIS SART. The solution comes in a survival bag and during emergency times, it is all what user needs to carry on his/her back. The setting operation is easy; it only requires 4 simple steps.

Backlit Panel and LED Indicator Integration -

AMEC PLOMO-500 has a backlit operational panel which allows users to see the buttons in dusky environment. Moreover, main unit has an over usage design to indicate if the battery life has been compromised due to excessive testing or it had been activated previously. Also, to increase the chance of survival, unit's LED indicator signals "SOS" distress message during activation for the survivors to be easily spotted by the rescue team.

- Innovative AIS Technology
- Rugged and compact design
- Buoyant / floatable and waterproof to 10m
- Florescent backlight panel

- SOS LED light
- Easy to assemble and carry
- Minimum operating life 96 hours

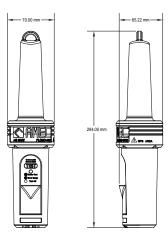
KEY FEATURES

APPLICATIONS

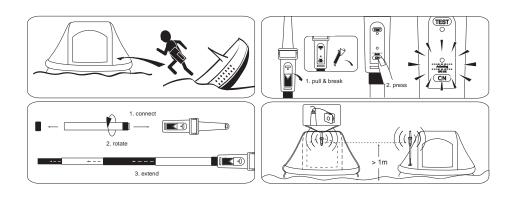
SOLAS Vessel

- ► Commercial Boat
- ► Professional Boat
- Fishing Boat

DIMENSIONS



INSTRUCTION DIAGRAM



SPECIFICATIONS

APPLICABLE STANDARDS

IEC 61097-14 Ed.1 (2010)
IEC 60945 Ed. 4 (2002) incl. Corrigendum 1 (2008)
IMO Resolution MSC.246 (83)
ITU-R M.1371-5 (2014)

VHF TRANSMITTER

Operating Frequency AIS 1, 161.975MHz

AIS 2, 162.025MHz

Data Rate 9,600bps
Bandwidth 25 KHz
Output Power 1W EIRP

AIS Message Type Message 1, Message 14

Modulation GMSK

Antenna Integrated by PCB

GPS RECEIVER

Receiving Channels 48 channels
Acquisition Sensitivity (-)159 dBm
Tracking Sensitivity (-)159 dBm

Position Accuracy < 2.5 m Autonomous & SBAS

BATTERY

Type Primary Lithium (not rechargeable)

Operating Life 96 hours minimum (activating)

Battery Life 6 years (storage)

Battery Life 6 years (storage Service Replaceable

▶ CARRY & MOUNTING

Carry Bag Wall Mount

► ENVIRONMENTAL

Operating Temperature -20°C~55°C
Storage Temperature -30°C~70°C
Waterproof Immersion to 10m

Buoyancy Floats

Exterior Finish Highly Visible Yellow

Compass Safe Distance Standard Magnetic - 0.6 m

Steering Magnetic - 0.4 m

▶ PHYSICAL

Max Diameter (Main Body)70 mm (2.76 inch)Length (Main Body)300 mm (11.81 inch)Weight (Main Body)283 g (Battery included)

Length (Pole) 1050 mm (41.34 inch) (Extended)

Weight (Pole) 300 g Weight (Storage Package) 1.08 kg

Note: Specifications are subject to change without prior notice.



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The AIS Specialists

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