

Maritime Safety Equipment

SKU - 40020809

Tron SART20 Radar Transponder with Bulkhead



DESCRIPTION

Compliant with IMO/SOLAS/GMDSS regulations, the Tron SART20 GMDSS 9GHz search and rescue radar transponder holds MED and FCC approvals According to IMO SOLAS Amendment in Resolution MSC.256(84), both Tron SART20 and Tron AIS-SART qualify as "search and rescue locating devices," providing ship owners with flexibility to choose as per SOLAS Chapter III, Regulation 2.2.

KEY FEATURES

- **Designed for Search and Rescue Operations:** Tailored specifically for use in search and rescue missions, ensuring reliability and effectiveness during critical situations.
- **Robust and Compact Design:** Built to withstand harsh maritime conditions while maintaining a compact form factor, ensuring reliability and ease of installation on lifeboats and liferafts.
- **Provides Exact Distress Location:** Offers precise location information of distressed individuals or vessels on radar X-band displays, aiding swift and accurate rescue responses.
- **5-Year Warranty:** Enjoy peace of mind with a generous 5-year warranty, guaranteeing quality and durability.
- **Non-Hazardous Battery:** Utilises a non-hazardous battery, prioritizing safety without compromising performance.
- **Universal Compatibility:** Compatible with accessories used for the Tron SART-AIS, including bulkhead brackets, poles, lifeboat brackets, and neoprene protection bags, ensuring seamless integration and versatility.
- **Compliance with Regulations:** Meets IMO/SOLAS/GMDSS regulations, as well as MED and FCC approvals, ensuring adherence to international maritime safety standards.
- **Proved Performance:** MED and other approvals available. Mandatory carriage equipment for all ships of 300 gross tonnage and upwards, according to SOLAS III/6.2.2, III/26.2.5 and IV/7.1.3
- **Freedom of Choice:** Tron SART20 and [Tron AIS-SART](#) both serve as "search and rescue locating devices," providing flexibility for ship owners to choose the product that best suits their needs, as mandated by SOLAS regulations.
- **Universal Accessory Compatibility:** Both Tron SART20 and Tron AIS-SART are compatible with the same range of accessories, including bulkhead brackets, [lifeboat brackets](#), and [liferaft mounting poles](#).

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SPECIFICATION

- Designed for Search and Rescue: Tailored for reliability in critical situations.
- Robust and Compact: Withstands harsh conditions, ideal for lifeboats and liferafts.
- Provides Precise Distress Location: Ensures accurate rescue responses.
- 5-Year Warranty: Guarantees quality and durability for peace of mind.
- Non-Hazardous Battery: Prioritizes safety without sacrificing performance.
- Universal Compatibility: Seamlessly integrates with Tron SART-AIS accessories.
- Meets Regulatory Standards: Compliant with IMO/SOLAS/GMDSS regulations.
- Freedom of Choice: Offers flexibility for ship owners to choose as per SOLAS regulations

TECHNICAL INFORMATION

- Weight: 480 g
- Dimensions: H: 250 mm, W: 89 mm
- Material Housing: Glass reinforced polycarbonate
- Frequency: X-band (3 cm) (9.2-9.5 GHz)
- Radiated Power: > 400 mW (+26 dBm)
- Antenna Height: Place at least 1 meter above sea/ground level
- Indication: Visual and audible alarm
- Temperature Range: Operating: -20°C to +55°C, storage: -30°C to +65°C
- Battery: 7.2 V Primary lithium battery. 5-year service life
- Operating Life: 96 hours standby + 8 hours continuous operation
- Standards: IEC 61097-1, IEC60945, IMO A.802 (19), IMO A.694 (17), MSC.247 (83)

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