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marine products



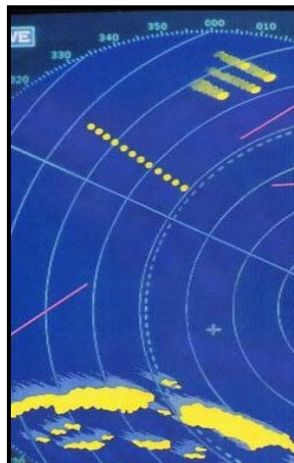
SevenStar Electronics

S.701 SART Search & Rescue Transponder



- The **S.701 SART** from **SevenStar Electronics Ltd** is the result of many years experience in the specification, design, manufacture and use of SARTs and related marine safety equipment. It brings together the ultimate in state of the art high-reliability design and modern manufacturing techniques
- It produces an instantly recognisable “12 dot” radar return to alert & direct passing vessels and aircraft
- It is **EU MED ‘Wheelmark’** and **FCC/USCG approved**, and has been specifically designed with **liferafts** and **yacht ‘grab-bags’** in mind, as well as conventional **SOLAS ‘carry-off’** use. It is capable of **auto activation** in liferaft installations, and is the **slimmest SART** available today (<40mm) (also approved in India, Greece, Korea *check web site for other Approvals*)
- Its **exceptionally low power consumption** made it **the first SART** that could at the time be shipped globally as non-hazardous goods — safer, cheaper and much easier to ship, deploy and stock
- Its **unique digital design** brings new levels of sophistication, with guaranteed lifetime performance, reduced component count and increased reliability

GMDSS rules state that all vessels above 300 gross tonnes must carry **at least one SART**, and those above 500 gross tonnes **at least two SARTs**. **SARTs** have proven invaluable in rapidly locating survivors — so much so that **SOLAS** requirements now specify SARTs to also be fitted to life rafts in Ro-Ro ferries.

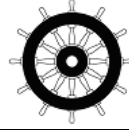


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S.701 SART



SPECIFICATIONS

- **EU MED 'Wheelmark' and FCC/USCG approved**
- Approved to: IEC 61097-1 (2007), IEC 90645 (2002 + Corrigendum1 2008), ITU-R M.628-5 (2012), IMO A.694(17), A.530(13), A.802(19), 2000 HSC code
- Also approved in Greece, India, Korea,... - check web site for latest Approvals
- Designed for SOLAS 'carry-off' **and** integrated life-raft **and** yacht grab-bag applications
- Ultra-slim (only 40mm thick!), light-weight, automatic or manual activation
- S.701 – C/O model includes mounting bracket, 10 metre buoyant tether and mounting straps
- Specify S.701- L/R model for liferaft/yacht fit
- Telescopic mounting pole option S.701MP
- Frequency range: X-band, 9.2 to 9.5 GHz
- Field-replaceable Battery: type SevenStar S.701B. (Replace every 5 years)
- Tx power: > 400mW (+26 dBm)
- Rx sensitivity: better than -50 dBm
- Operating life: greater than 96 hours in Standby mode, AND greater than 8 hours in Active mode - transmitting (at 1 kHz rate)
- Body in high visibility yellow to BS4800/10E53
- Indication: High-brightness LED on front face
- Temp range: Operating: -20/+55 degC
- Temp range: Storage: -30/+70 degC
- Waterproof to 10 metres
- SART Size: 332 x 80 x 40 mm. (13.1" x 3.2" x 1.6")
- Weight: 390 gm (excl bracket)
- Carton dimensions (incl bracket): 420 x 120 x 100 mm



SevenStar Electronics Ltd.
Unit 8 Bowman Court
Royal Wootton Bassett
Wiltshire SN4 7DB U.K.

www.SevenStarElectronics.com
sales@SevenStarElectronics.com
Phone/Fax: +44 (0) 1793 855036

SevenStar Electronics Ltd. is approved to
BS EN ISO 9001:2008 and EU MED Schedule D,
and is a member of RTCM

Authorised agent:

sales@sevenstarelectronics.com



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