

Latest news: AIS B Transponder  
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# 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 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 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 ..... [check web site for other Approvals](#))
- Its **exceptionally low power consumption** makes it **the first SART that can 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 been proved to be 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.

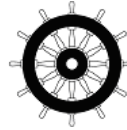


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## S.701 SART



### SPECIFICATIONS

- EU MED 'Wheelmark' and FCC approved
- Also approved in Greece, India, Ukraine ... - 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
- Spec: IEC 1097-1 1992, IEC 90645, IMO 694(17)
- Complies with Marine Equipment Directive and USCG/FCC requirements.
- Non-Hazardous 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.

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SevenStar Electronics Ltd. is approved to  
BS EN ISO 9001:2000 and EU MED Schedule D

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