



Tron SART GMDSS

9 GHz RADAR TRANSPONDER



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▶ Tron SART GMDSS 9 GHZ RADAR TRANSPONDER

For use in lifeboats and life rafts. Easy mounting on vessel bulkheads. Tron SART (search and rescue radar transponder) is designed for use in search and rescue operations. Tron SART gives the exact location of the distressed indicated on the radar X-band display of any nearby ship, SAR vessels and aircrafts. Complies with IMO/SOLAS/GMDSS regulations. MED approved.

Mandatory carriage equipment, to all ships of 300 gross tonnage and upwards, acc. to SOLAS III/6.2.2. and IV/7.1.3. Comply to performance standards resolution A.802 (19).

SPECIFICATIONS

Dimensions:	Max diameter: 85 mm Length: 370 mm Weight: 1050 g
Materials transponder housing:	Polycarbonate with 10 % glass
Frequency:	X-band (3 cm) (9.2 - 9.5 GHz)
Temperature range:	Operating: -20 to + 55 °C Storage: -30 to + 65 °C
Radiated power:	> 400 mW e.i.r.p (+26 dBm)
Sweep type:	12 sweep sawtooth type Forward 7.5 μ S \pm 1 μ S Return 0.4 μ S \pm 0 μ S starts with return sweep
Receive sensitivity:	Better than -50 dBm e.r.s
Response delay:	Max 0.5 μ S
Antenna pattern:	Horizontal polarisation Omnidirectional radiation in the horizontal plane Greater than \pm 12.5 degrees elevation angle in vertical plane
Battery capacity:	96 hours standby + 8 hours continuous operating when activated by a radar with 1 kHz prf at -20 °C. 4 years storage



Standard bulkhead bracket



Lifeboat bracket



Outside mounted lifeboat bracket



Liferafting mounting pole

Agent/Distributor:

Jotron AS reserves the right to change the design and/or specifications at any time without prior notice. Reservations are also taken towards any general errors that may occur.

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CONTACT INFORMATION

Jotron AS
P.O.Box 54
3280 Tjodalving
Norway
Tel: +47 33 13 97 00
Fax: +47 33 12 67 80
sales@jotron.com

Jotron UK Ltd.
Crosland Park, Off Crowhall
Road Cramlington
Northumberland NE23 1LA,
United Kingdom
Tel: +44 (0) 1670 712000
Fax: +44 (0) 1670 590265
sales@jotron.co.uk

Jotron Asia Pte. Ltd.
19 Loyang Way,
Changi Logistics Centre
Rear Office Block 04-26
Singapore 508724
Tel: +65 65426350
Fax: +65 65429415
sales-asia@jotron-asia.com

Jotron USA, Inc.
10645 Richmond Avenue, Suite 140
Houston, TX 77042
USA
Tel: +1 713 268 1061
Fax: +1 713 268 1062
contact.us@jotron-usa.com