



## Unique features

- ▶ Floating GMDSS and maritime VHF radio
- ▶ Full duplex channels accessed with rechargeable battery
- ▶ Preset emergency mode when connected to primary battery
- ▶ Excellent microphone noise cancelling
- ▶ Waterproof accessories

# Tron TR30 GMDSS and Maritime VHF Radio



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# ▶ Tron TR30 GMDSS and Maritime VHF Radio

Jotron's Tron TR30 GMDSS and Maritime VHF Radio is an innovated "two-in-one" radio, which gives the user the opportunity to access both standard GMDSS simplex channels and full maritime duplex channels. In addition, the floating Tron TR30 GMDSS and Maritime VHF Radio can be connected to an IP-67 speaker microphone or a headset with a PTT-module. The small and compact two-positioning charger is easy to install and allows the user to access vital information on the display while charging. Tron TR30 GMDSS and Maritime VHF Radio has the ultimate functional design. Every detail has been developed based on user functionality, both in an emergency situation (emergency battery) and in general on board communications (rechargeable battery). When connecting the emergency battery, the radio is automatically in preset emergency mode. Only emergency required features are accessible, thus reducing critical radio adjustment time for the user.

Tron TR30 GMDSS and Maritime radio (p/n 87950)



Tron TR30 GMDSS radio (p/n 83446)



## SPECIFICATIONS

TECHNICAL	Emergency battery (non chargeable)	Rechargeable battery
Frequency range:	TX: 154 -RX 161.875MHz	TX: 154 -RX:161.875MHz
Channel spacing:	25 KHz	25 KHz
Operating temperature range:	-20 to +55	-20 to +55
Battery operating time:	12 h (10-10-80)	Typ. 12 h (5-5-90) medium power
Size, WHD:	61 mm x 157 mm x 40 mm (Depth with belt clip 47 mm)	61 mm x 157 mm x 40 mm (Depth with belt clip 47 mm)
Full buoyancy:	Yes	Yes
Weight:	Approx.: 300 g	Approx.: 295 g
<b>Receiver</b>		
Maximum usable sensitivity:	< 1µV for 20dB SINAD	< 1µV for 20dB SINAD
Adjacent channel rejection:	> 70dB	> 70dB
Blocking:	> 90dB	> 90dB
Spurious response:	> 70dB	> 70dB
Harmonic distortion:	< 5%	< 5%
Intermodulation rejection:	> 68dB	> 68dB
Channel monitoring:	DW	DW/TW/Scan
<b>Transmitter</b>		
Transmitter output power (fully charged battery):	Lo: 1W , Hi 2W	Lo: 1W, Med: 2W (default), Hi: 4W
Harmonics and spurious:	< 0.25µW	< 0.25µW
Frequency error:	< +1.5kHz	< +1.5kHz
Adjacent channel power:	< -70dBc	< -70dBc
<b>Approval standards</b>		
EMC / Environmental:	IEC60945 / 301843-2	IEC60945 / 301843-2
VHF:	IEC61097-12 / EN300225	ETS301178

<b>Charger</b>	
Operating power source:	12-24 DC, or 15/ 20 VAC from a 115-240VAC
Mounting:	Wall and table mountable
Size, WHD:	92 mm x 68 mm x 115 mm

<b>Emergency battery</b>	
Chemical system:	Lithium/Iron Disulfide (Li/FeS2)
Voltage:	6V
Capacity:	2900 mAh
<b>Rechargeable battery</b>	
Chemical system:	Lithium Polymer Battery
Voltage:	7.4V Nom
Capacity:	1550 mAh

## SPARES:

- Speaker microphone Tron TR30
- Push-to-talk (PTT) adaptor
- 3M and Peltor standard headset
- Carry case with strap

Approved according to:



Pending approvals:  
RMRS, CCS and ANATEL

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## 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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