



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 (chargeable 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 emergency battery



Tron TR30 chargeable battery



Tron TR30 charger

SPARES:



Speaker microphone Tron TR30



Push-to-talk (PTT) adaptor



3M and Peltor standard headsets



Bone conduction headset including PTT adaptor

SPECIFICATIONS

TECHNICAL	Emergency battery (non chargeable)	Chargeable battery
Frequency range:	156 to 157.425MHz	154.025 to 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. 15 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.: 300 g
Receiver		
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
Transmitter		
Transmitter output power (fully charged battery):	Lo: 1W , Hi 2W	Lo: 1W, Med: 2W (default), Hi: 5W
Harmonics and spurious:	< 0.25µW	< 0.25µW
Frequency error:	< +1.5kHz	< +1.5kHz
Adjacent channel power:	< -70dBc	< -70dBc
Approval standards		
EMC / Environmental:	IEC60945 / 301843-2	IEC60945 / 301843-2
VHF:	IEC61097-12 / EN300225	ETSI301178

Charger

Operating power source:	12 – 24 VDC, 15 – 20 VAC , 115/230VAC with AC adapter
Mounting:	Wall and table mountable
Size, WHD:	92 mm x 68 mm x 115 mm

Emergency battery

Chemical system:	Lithium/Iron Disulfide (Li/FeS2)
Voltage:	6V
Capacity:	2900 mAh

Chargeable battery

Chemical system:	Lithium Polymer Battery
Voltage:	7.4V Nom
Capacity:	1550 mAh

Approved according to:



Pending approvals:
RMRS, CCS and ANATEL

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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