



Unique features

- ▶ Floating GMDSS handheld VHF radio
- ▶ Full duplex channels accessed with rechargeable battery
- ▶ Preset emergency mode when connected to non-hazardous primary battery
- ▶ Waterproof accessories

Tron TR30 GMDSS





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Jotron's TR30 GMDSS radio is an innovated "two-in-one" radio, which gives the user the opportunity to access both standard GMDSS simplex channels or full maritime duplex channels. In addition, the floating TR30 GMDSS 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 has the ultimate functional design. Every detail has been developed based on user functionality, both in an emergency situation (primary battery) and in general on board communications (secondary battery). When connecting the primary battery, the radio is automatically in preset emergency mode. Only emergency required features are accessible, thus reducing critical radio adjustment time for the user.

TECHNICAL	Emergency mode - Primary battery	Secondary battery
Frequency range:	154 – 163 MHz	154 – 163 MHz
Channel spacing:	25 KHz	25 KHz
Operating temperature range:	-20 to +55	-20 to +55
Battery operating time:	Measurement not available (T > 8h)	Measurement not available
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
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/TW	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	ETS301178

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

Primary battery

Chemical system:	Lithium/Iron Disulfide (Li/FeS2)
Voltage:	2x3V
Capacity:	3000 mAh
Secondary battery	
Chemical system:	Lithium Polymer Battery
Voltage:	7.4V Nom
Capacity:	1550 mAh