



## 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<br>(Depth with belt clip 47 mm) | 61 mm x 157 mm x 40 mm<br>(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                         |

Approved according to:



Pending approvals:  
RMRS and CCS

VF

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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