



Marine Transceiver VHF DSC - 100

Marine transceiver VHF DSC - 100 is developed according to GMDSS requirement. It is used on commercial ships, has the ability to send distress, distress relay, all ships urgency, all ships safety, individual, group, geographic area and telephone alerts. VHF DSC is used for short distance calling in the coastal area or river, lakes etc.

Features:

- Conforms to GMDSS, IMO A. 806(19), IEC61097-9
 - Easy operation, clear voice
 - GPS precise positioning
 - General call and DSC System (DSC 70 Channel Watch)
 - Collision Avoidance alarm display
 - 64 way points stored
 - Automatically record incoming messages
- Distress messages: 32; Other messages: 32; Collision Avoidance alarm messages: 72



Specifications

Frequency Range: Tx: 156.025-157.425MHz
 Rx: 156.025-163.275MHz
 Frequency tolerance: $\pm 10\text{ppm}$ (-20°C + 60°C)
 Power Supply voltage: DC12-16V
 Antenna impedance: 50Ω
 Dimensions: W (220) ×H (110) ×D (109) Weight: 1.35Kg

Transmitter Specifications	Receiver Specifications
Output power: 25W / 1W	Reference sensitivity: $\leq 0.25\mu\text{V}$ (12dB SINAD)
Modulation limit: $\leq \pm 5\text{KHz}$	Modulation receiver bandwidth: $\geq 2 \times 5\text{KHz}$
Audio distortion: $\leq 7\%$	Deep squelch blocking threshold: $\geq 5\text{KHz}$
Adjacent Channel Selectivity: $\geq 70\text{dB}$	Adjacent channel selectivity: $\geq 65\text{dB}$
Spurious emissions: $\leq -53\text{dB}$	Inter modulation rejection ratio: $\geq 58\text{dB}$
Residual modulation: $\geq 40\text{dB}$	spurious response: $\geq 65\text{dB}$
Tx Current consumption: $\leq 6.0\text{A}$	GPS format: NMEA0183 (2.0 or 3.01)

☆ Specifications can be changed without notice in advance