



# Handheld VHF Marine Radio Model RTP-1001

## -Specifications-

### General

Frequency Range	: TX : 156.025-157.425MHz RX : 156.050-163.425MHz
Type of Emission	: FM (16K0G3E)
Channels	: 70 programmable channels
Weather Channels	: 10 channels
Controls	: Power key, PTT key, Ch16/Call Channel key, Volume key, Scan/Watch key, High Low power/lock key, Up down key, Squelch/Monitor key, Favorite/tag channel key, Channel group key.
Channel Display	: Backlit LCD (Automatic)
Status Indicators	: TX, BUSY, TAG, CALL, LOCK, Battery, LOW (Power), WX (Weather channel), ATIS, U (USA channel), I (International channel), C (Canadian channel), SCAN, DUAL, TRI, SQL, VOL
Functions	: Float Function / Weather alert / Auto scan / Quick select function
Antenna Impedance	: 50Ω
Connector	: Earphone (Supplied earphone wire)
Water resistance	: IPX7
Frequency Stability	: ±10 PPM
Battery Pack	: 1200mAh Li-ion (DC 7.4V)
Operating Temperature Range	: -20°C~ +55°C
Size (H×W×D)	: 146mm×63mm×42mm
Weight	: 288g (With battery, antenna, belt clip)
International Standard	: IEC 60950-1 (Safety of Information)

### Transmitter

Power Output	: 1Watt or 5Watt (Selectable)
Modulation	: ±5kHz Deviation
Spurious Emissions	: ≤0.25uW
Adjacent Channel Power	: ≥70dB
Audio Harmonic Distortion	: ≤10%
Current Consumption	: ≤1.5A (High power), ≤0.7A (Low power), ≤0.2A (Max audio output)

### Receiver

Receive Sensitivity	: ≤0.22uV
Squelch Sensitivity	: ≤0.22uV
Signal-to-Noise	: ≥40dB
Spurious Response Rejection	: ≥70dB
Intermodulation Rejection	: ≥68dB
Audio Output Power	: ≥0.5W (10% distortion)

Note: Specifications are subject to change without notice or obligation.

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