Professional Dual-Band Handheld Radio

RL-505

Main features:

- 66~88MHz & 136~174MHz Dual-Band
- VOX Built-in
- CTCSS/DCS
- Dual watch standby channel selection
- Whisper On/Off
- Squelch level
- Scan function
- 2400mAh battery capacity
- Bluetooth optional
- IP-54

NOW TESTED WITH MIL-STD 810 MILITARY STANDARD

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Specifications

General

Frequency Bands	66~88MHz, 136-174MHz,
Modulation Type	F3E
Frequency Control	PLL Synthesizer
Channel Spacing	12.5KHz/25KHz Programmable
Number Of Channel	200
Temperture Range	Operation : -20°C~+60°C
Frequency Stability	±2ppm
Power Supply	Rechargeable Battery 7.4V 2400mA
Humidity	Operative 90%
Dimension	63*144*44.5 mm
Weight	260g

Transmitter

RF Output Power	5W/1W
Modulation Limiting	±5.0KHz@12.5KHz,±2.5KHz@12.5KHz
Modulation	16K0F3E ; 11K0F3E
Spurious Emission	-36dBm
Audio Distortion	5%
FM Noise	42dB @12.5KHz 45dB@25KHz

Receiver

Sensitivity	0.25uV@12dB SINAD
Adjacent Channelselectivity	70dB @25KHz ; 65dB@12.5KHz
Spurious Response Rejection	70dB
Intermodulation Response Rejection	65dB
Conducted Spurious Emission	-57dBm
Blocking	84dB
Audio Output Power	500mW @10% Distortion

Remarks: All Specifications are subject to change without notice due to continuous development.