

## General

Frequency Range	VHF: 136~174MHz UHF: 350-390MHz; 400-470MHz; 470-520MHz
Channel Capacity	16
Channel Spacing	25.0kHz /20kHz /12.5kHz
Frequency Stability	±2.5PPM
Operating Temperature	-25~+55°C
Antenna Impedance	50Ω
Operating Voltage	7.4V
Dimension (H×W×D)	120×55×34mm
Weight (with antenna & battery)	300g
Battery	2100mAh (Li-Poly Battery)

## Transmitter

RF Power (H/L)	UHF: 4W/1W VHF: 5W/1W
Modulation Type	16kΦF3E/ 8kΦF3E
Modulation Limiting	±5kHz /±4kHz / ±2.5kHz
FM Distortion	≤5%
Residual FM	-45dB / -40dB
Adjacent Channel Power	-70dB / -60dB
Spurious and Harmonics	≤-36dBm

## Receiver

Sensitivity	0.22μV / 0.25μV
Adjacent Channel Selectivity	70dB / 60dB
Intermodulation Reject Ratio	65dB
Spurious Response Reject Ratio	70dB
S/N	45dB / 40dB
Rated Audio Power Output	1.5W
Rated Audio Distortion	≤5%

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# TH-8000

Professional Two-way Radio

Advanced Technology  
Super Performance



## Main Features

- Meet MIL-STD-810, IP66
- Wide Frequency Range
- 2100mAh Li-ion Battery
- Superior Audio with 45 mm-diameter Speaker
- Battery Lock with National Patent
- Software Upgradeable (Optional)
- HTQ QDC1200, QDC2400
- Lone Worker Panic Button
- Man Down Alert Module (Option)