



W80

Professional Two way Radio

- Superheterodyne Circuit
- 256 Channels
- Dual Standby
- MR / VFO Mode
- Keyboard Operation
- Open Menu
- Shortcut Operation
- Power Saving
- FM Radio



General

Frequency Range	VHF (136-174MHz)
Channel Capacity	256
Channel Step	25KHz (Wide) 12.5KHz (Narrow)
Frequency Stability	± 2.5ppm
Operating Voltage	7.4V DC ± 20%
Operating Temperature	-20°C ~ +60 °C
Antenna Impedance	50Ω
Dimension	135x60x35mm (with Battery Pack)
Weight	300g (with Battery Pack, Antenna)

Transmitter

Output Power	5W
Modulation Mode	16Kφ F3E
Adjacent Channel Power	≥65dB
Signal Noise Ratio	≤-40dB
Parasitic Harmonic	≤65dB
Spurious Emission	≤-36dBm
Audio Response	300Hz-3KHz
Audio Distortion	≤5%

Receiver

Sensitivity	-120dBm (20db SINAD)
Intermodulation	≥60dB
Adjacent Channel Selectivity	≥60dB
Spurious Rejection	≥60dB
Audio Response	300Hz-3KHz
Signal Noise Ratio	≥45dB
Audio Distortion	≤5%
Audio Output Power	1W

All stated specifications are subject to change without notice or obligation.



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