



General specifications	
Frequency range	UHF: 350~400 MHz/400~470 MHz/450~520 MHz VHF: 136~174 MHz
Number of channels	1024
Zone capacity	64 (each zone with maximum 16 channels)
Channel spacing	12.5KHz/20KHz/25KHz
Frequency stability	±1.5ppm
Antenna impedance	50Ω
Receiver specifications	
Analogue sensitivity	0.3μV (12dB SINAD) 0.22μV typically (12dB SINAD) 0.4μV (20dB SINAD)
Digital sensitivity	0.3μV / BER5%
Transmitter specifications	
RF output power	UHF: Low Power: 1W/High Power: 4W (adjustable) VHF: Low Power: 1W/High Power: 5W (adjustable)
Analogue modulation type	FM
Digital modulation type	4FSK
Audio distortion	≤ 3%
Audio response	+1 ~ -3dB
Voice compression	SELP
Digital protocol	ETSI-TS102 361-1,-2,-3
Physical and environmental specifications	
Weight	355gr
Dimension (H×W×D)	128×55×35 mm (with standard battery and without antenna)
LCD dimension	1.8 inch, 4 rows
Operating temperature	-30°C ~ +60°C
Storage temperature	-40°C ~ +85°C
Standards	MIL-STD-810 C/D/E/G/G and IP67