









FEATURES	F9011B/F9021B	F9011S/F9021S	F9011T/F9021T	F9511S/F9521S	F9511T/F9521T	F9511HT Mobile
						
Applications	Analog, digital conventional, and digital trunked systems. Add-on to current analog or digital systems, build new conventional or trunked digital systems, operate analog and digital conventional with a gradual migration to multi-site digital trunking & network.					
Modes	Analog Conventional, P25 Conventional, P25 Trunking Option and Mixed Mode Operation					
Channels	512 with 128 Zones			512 with 128 Zones		
Power Output (VHF, UHF)	6W (VHF) 5W (UHF)			50W		110W
Versions (MHz)	136-174 380-470 450-520			136-174 400-470 450-520		
Display/Keypad	No	Dot Matrix, 2 lines / 12 characters per line, 4-way navigation cross keypad	Dot Matrix, 2 lines / 12 characters per line, full DTMF keypad plus 4-way navigation cross keypad	Dot Matrix, 2 lines / 12 characters per line, 4 keys	Dot Matrix, 2 lines 12 characters per line, full DTMF keypad	
Waterproof / Mil Spec	IP 57 dust tight & waterproof, MIL-STD 810 C,D,E & F			IP54 controller only, MIL-STD 810 C,D,E & F		
Encryption	UT-125 FIPS – FIPS 140-2 encryption board UT-125–AES/DES encryption board UT-128–DES encryption board					
TX Specs	Spurious emissions: 75 dB (70 dB T Version) Adjacent channel: 70 dB Audio distortion: 2% Frequency error: +/- 1.0 ppm			Spurious emissions: 70 dB Adjacent channel: 70 dB Audio distortion: 3% Frequency error: +/- 1.0 ppm		
RX Specs	Spurious response: 80 dB Adjacent channel: 78 dB Hum & noise: 50 dB Audio output: 1W, BTL amplification			Spurious response: 85 dB Adjacent channel: 81 dB Hum & noise: 55 dB Audio output: 4W (22W BTL external amp) 15W HT version		
Connector	14 pin connector			D-SUB 25-pin ACC connector		
Other Features	Vote Scan, P25 CAP complaint, OTAR, AMBE+2™ vocoder, Tactical group function					