

Capabilities

Interoperability	• Digital P25 Conventional • Digital P25 Trunking • Analog FM
Channel Scanning	• Continuous scanning of all bands • Analog, digital, dual-mode • Priority scanning • Channel voting
Call Modes	• Conventional • Talk-around • Unit-to-Unit • Emergency
Positional Data	Built-in GPS receiver
Wireless	Built-in secure Bluetooth® technology

Specifications

Frequency Range	136-174 (VHF), 380-520 (UHF), 762-870 MHz (700/800)
Channels/Talkgroups	12,500 (1,250 per mission file)
Mission Files	1 active, 10 stored
Channel Zones	64
Channel Spacing	Digital P25: • 12.5 kHz (FDMA), • 6.25 kHz (TDMA) Analog FM: • 12.5, 25 kHz
Transmit Power	VHF: 1-6 watts UHF: 1-5 watts 700/800: 1-3 watts
Digital Squelch	Monitor, normal, selective
FM Squelch	Noise, Tone, CTCSS, CDCSS
Battery Life	12 hours (90% idle, 5% Rx, 5% Tx)
Dimensions	2.5 W x 6.5 H x 1.8 D in. (w/o antenna)
Weight	24 oz. (w/ battery and antenna)

Interfaces

Audio	• Dual-microphone • Remote speaker microphone • Bluetooth® wireless technology
Radio Programming	• Front-panel • PC-based application • Radio-to-Radio wireless cloning
Front Display	Transflective Color LCD
Top Display	Blue Monochrome OLED

Keypad	12-button DTMF, 2 soft keys, 5-way navigator
Channel Selection	Front panel, 16-channel selector knob
Zone / Chan. Bank Selection	Front panel, 3-position top switch
User Controls	Push-to-Talk, dedicated emergency button, 3 programmable side buttons, 2-position top switch
Remote Control/Data	• USB • RS-232 • Bluetooth® wireless technology
Antenna Port	SMA, 50 Ohms

Encryption

Algorithms	AES, DES-OFB
Key Storage	100 keys, any combination
Key Loading	Key loader, OTAR

Environmental

Rugged	MIL-STD-810F
Submersible	MIL-STD-810F, 2 meters
Intrinsically Safe	Yes

Included Accessories

Antenna	136-870 MHz Whip
Battery	Li-Polymer
Belt Clip	Detachable, Spring-Loaded

Optional Accessories

Cables	• USB Programming Cable • Key Loader Cable
Batteries	• Intrinsically Safe Li-Polymer • AA Battery Adapter
Battery Chargers	• Single-Bay charger • Six-Bay charger • DC Adapter/Charger
Holsters and Carry Cases	Several types available
Audio Accessories	• Remote Speaker Microphone • Several headsets available



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