



## Description of Functions

- Power On with Voltage Displaying
- High Output Power: VHF 50W
- Remote-head Mounting Capability
- 8 Groups Scrambler plus 2 Groups Customized Scrambler
- CTCSS/DCS Scan
- Caller ID Display
- DTMF Encoding and Decoding, Group Calls / All Calls / Selective Calls
- Remote Control Setting (Power Off, Change CTCSS/DCS Tone, Change Frequency, Inspection, Stun and Kill)
- Over 999 Memory Channels
- Scan Channel Adding
- Priority Channel Scanning
- Wide/Narrow Bandwidth Selectable (25K/12.5K)
- Multiple Scanning Way (SE/CO/TO), Group Scanning Capability
- Offset Frequency Direction Setting
- DTMF Hand Microphone with Speaker, TX/RX Indicator and Volume Controller
- Multiple Frequency Steps: 5/6.25/10/12.5/20/25/30/50/100KHz
- Voice Guide (English)
- Multiple Backlight Color Selectable
- Customized Offset Frequency
- Customized Channel Name Editing

## Technical Specification

General		Receiver	Wide Bandwidth	Narrow Bandwidth	Transmitter	Wide Bandwidth	Narrow Bandwidth
Frequency Range	Frequency Range	Adjacent Channel Selectivity	≥ 70dB	≥ 60dB	Type of Modulation	16K F3E	11K F3E
	Suitable for any Region of any Country	Intermodulation	≥ 65dB	≥ 60dB	Adjacent Channel Power	≥ 70dB	≥ 60dB
		Spurious Response	≥ 70dB	≥ 70dB	Signal to Noise Ratio	≥ 40dB	≥ 36dB
Step Frequency	50KHz / 6.250KHz / 100KHz / 12.5KHz / 20KHz / 25KHz / 30KHz / 50KHz / 100KHz	Audio Response	+1~3dB(0.3~3KHz)	+1~3dB(0.3~2.5KHz)	Spurious	≥ 60dB	≥ 60dB
		Signal to Noise Ratio	≥ 45dB	≥ 40dB	Audio Response	+1~3dB(0.3~3KHz)	+1~3dB(0.3~2.5KHz)
Memory Channels	999	Audio Distortion	≤ 5%		Max. Frequency Deviation	± 5KHz	± 2.5KHz
Work Mode	F2D/F3E	Audio Power	Transceiver ≤ 3W		Frequency Stability	± 2.5ppm	
Operating Temperature	-20°C~+60°C		Hand Microphone ≤ 1W		Audio Distortion	≤ 5%	
Antenna Impedance	50Ω	Sensitivity	UHF/VHF: 0.25μV		Output Power	50W / 20W / 10W / 5W (VHF)	
Power Requirement	13.8VDC ± 15% (Negative Ground)						
Weight	1437.8g (including Microphone)						
Dimensions	140x44x207(mm)						

Specifications are subject to change without notice.

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