

Description of Functions

- **Twin Band Transmit / Receive**
 (RX / TX) 136-174MHz & 400-470MHz
 136-174MHz & 400-480MHz
 136-174MHz & 216-280MHz
 136-174MHz & 420-520MHz
 144-146MHz & 430-440MHz
 144-148MHz & 222-225MHz
 144-148MHz & 420-450MHz
 (RX) FM: 65MHz-108MHz (100K Frequency Spacing)
- **Band can be Set Freely**
 VHF TX-UHF RX or UHF TX-VHF RX
- **Dual Reception**
 Twin Band Simultaneous Reception
- **Over 999 Memory Channels**
 Area Scanning Management
- **Dual Display**
 Large LCD Dual Frequency Display,
 Two Completely Independent Operating Systems
- **Remote-head Mounting Capacity**
 Multiple Installation Types, Convenient Usage
- **Cross-Band Repeat**
 UHF / VHF Cross-band Repeat or VHF / UHF
 Cross-band Repeat Functions
- **Both Stations can Form Combined Same Band or Different Band Repeat**
- **Strong and Stable Output Power (VHF:50W / UHF:40W)**
- **QT / DQT Encoding & Decoding, QT / DQT Scanning**
- **Multiple Speaker Channel Settings**
- **Individual Hand Microphone with TX / RX Indicator**
- **DTMF Encoding and Decoding**
- **Incoming Message Display**
 Caller ID display
- **Group Calls, All Calls and Selective Calls**
- **8 Groups Scrambler (Optional)**
- **Priority Channel Scanning**
- **APO Power Management**
- **English Voice Guide**
- **Automatic Temperature Testing**
- **Minimum Operating Voltage Settings**
- **Stun and Kill Function**
- **Single Tone Pulse Frequency**
 2100Hz / 1750Hz / 1450Hz / 1000Hz
 (Used when activating repeater signal)
- **Three Colors Backlight Selectable**

Technical Specification

General		Receiver	Wide Bandwidth	Narrow Bandwidth	Transmitter	Wide Bandwidth	Narrow Bandwidth
Frequency Range	Frequency Range	Adjacent Channel Selectivity	≥ 70dB	≥ 60dB	Output Power	50W/25W/10W(VHF)	40W/25W/10W(UHF)
	Suitable for any Region of any Country	Intermodulation	≥ 65dB	≥ 60dB	Type of Modulation	16K F3E	11K F3E
		Spurious Response	≥ 70dB	≥ 70dB	Adjacent Channel Power	≥ 70dB	≥ 60dB
Step Frequency	5KHz / 6.25KHz / 10KHz / 12.5KHz / 20KHz / 25KHz / 30KHz / 50KHz / 100KHz	Audio Response	+1~3dB(0.3~2.5KHz)		Signal to Noise Ratio	≥ 40dB	≥ 36dB
		Signal to Noise	≥ 40dB		Spurious	≥ 60dB	≥ 60dB
Memory Channels	999	Audio Distortion			Audio Response	+1~3dB(0.3~3KHz)	+1~3dB(0.3~2.5KHz)
Work Mode	F2D/F3E	Audio Power	Transceiver Hand Microphone		Max. Frequency Deviation	± 5KHz	± 2.5KHz
Operating Temperature	-20°C~+60°C	Sensitivity	UHF/VHF: 0.25μV		Frequency Stability	± 2.5ppm	
Antenna Impedance	50Ω				Audio Distortion	≤ 5%	
Power Requirement	13.8VDC ± 15% (Negative Grounded)						
Weight	1437.8g (Including Microphone)						
Dimensions	140x44x207(mm)						

Specifications are subject to change without notice.

Standard Accessories



Optional Accessories



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