

9D



7 BANDS

Dual Bands Transmission
Seven Bands Reception

Multi-Band, Multi-Reception, Multi-Display, Multi-Modulation, Multi-Functional Two-way Radio

76-108MHz(FM Radio) 108-136MHz(AM RX) 136-174MHz(FM RX/TX)
230-250MHz(FM RX) 350-400MHz(FM RX) 400-512MHz(FM RX/TX) 700-985MHz(FM RX)

- Work Mode: U-U,U-V,V-U,VV ▪ U-V,V-U Duplex Work Mode
- Large-capacity Standard Battery pack (2000mAh)
- English Screen Display ▪ QT/DQT Encoding/Decoding, QT/DQT Scan
- Simultaneously Scanning on Twin Band, Scanning on Limiting Frequency (Frequency Mode, Self-definition Scanned Frequency Range), Channel Groups Scanning



(100% Material Object Photography)

Dual Bands Transmission Seven Bands Reception Classic Circuit, Excellent Performance



Professional Two-way Radio Manufacturer



CE0678① FC RoHS REACH ISO9001:2008 ISO14001:2004

TYPE APPROVAL: CMIIT ID:2010FP6597

Description of Functions

- TX: 136-174MHz(FM)
400-512MHz(FM)
- RX: 76-108MHz(FM Radio)
108-136MHz(AM RX)
136-180MHz(FM)
230-250MHz(FM)
350-400MHz(FM)
400-512MHz(FM)
700-985MHz(FM)
- Duplex Work Mode
- Duplex Work on A&B Areas (TX on one area while RX on the other area simultaneously)
- Dual Reception
- RX on the same/different bands of A&B areas simultaneously
- Large Colorful Screen
- Simultaneously Scanning on Twin Band, Channel Groups Scanning
- 999 Memory Channels
- Output Power VHF H:5W,M:2W,L:1W
UHF H:4W,M:2W,L:1W
- QT/DQT Encoding/Decoding,QT/DQT Scan
- Non-Standard CTCSS can be set freely
- VOX
- Multi Definition for Sidekeys
- Sub-Frequency Transmission Setting
- Personal Message Display, Caller ID Display
- DTMF Encoding&Decoding
- Channel Groups Scanning
- All Calls,Group Calls and Selective Calls
- SOS Function
- Priority Scan Function
- Remote Alarm
- Wide/Narrow Bandwidth Selection (25KHZ/12.5KHZ)
- Voice Guide:English
- English Channel Name Edit
- Bright Flashlight Illumination
- Single-Tone Pulse Frequency:2100Hz/1750Hz/1000Hz/1450Hz(signalling for activating repeater)
- Reverse Frequency
- Stopwatch

Technical Specification

| Intergration | | Receiver | Wide | Narrow | Transmitter | Wide | Narrow |
|-----------------------|--|------------------------------|-----------------------|-----------------------|-------------------------|--|--------------------------|
| Frequency Range | Suitable for Different Countries or Areas TX: 136-174MHz(FM) 400-512MHz(FM) RX: 76-108MHz(FM Radio) 136-180MHz(FM) 230-250MHz(FM) 350-400MHz(FM) 400-512MHz(FM) 700-985MHz(FM) 108-136MHz(AM RX) | Adjacent Channel Selectivity | ≤70dB | ≤60dB | Type of Modulation | 16K F3E | 11K F3E |
| | | Inter Modulation | ≤65dB | ≤60dB | Adjacent Channel Power | ≥70dB | ≥60dB |
| | | Spurious Response | ≤70dB | ≤70dB | Spurious | ≥60dB | 60dB |
| Step | 2.5KHZ/5KHZ/6.25KHZ/10KHZ/ 12.5KHZ/25KHZ/30KHZ/50KHZ/100KHZ | Audio Response | +1~-3dB (0.3~3KHz) | +1~-3dB (0.3~3KHz) | Audio Response | +1~-3dB (0.3~3KHz) | +1~-3dB (0.3~2.55KHz) |
| Memory Channel | 999 | Squelch Ratio | ≥45dB | ≥40dB | Max Frequency Deviation | ± 5KHz | ± 2.5KHz |
| Work Mode | F2D/F3E | Audio Distortion | ≤5% | | Frequency Stability | ± 2.5ppm | |
| Operating Temperature | -20℃~-+40℃ | Audio Power | ≤500mW | | Audio Distortion | ≤5% | |
| Impedance | 50Ω | Sensitivity | 108-136MHz(AM) | -106.0dbm SINAD 13dB | Output Power | VHF H :5W,M :2W,L:1W UHF H :4W,M :2W,L:1W | |
| Voltage | 7.4VDC | | 136-180MHz | -119.0dbm SINAD 13dB | | | |
| Weight | 490g | | 230-250MHz | -116.0dbm SINAD 13dB | | | |
| Size | 124.5x 61.49 x 33.88 (mm) | | 350-400MHz | -119.0dbm SINAD 13dB | | | |
| | | | 400-512MHz | -119.0dbm SINAD 13dB | | | |
| | | 700-986MHz | -96.0dbm SINAD 12dB | | | | |

Specifications are subject to change without notice.

Standard Accessories



Optional Accessories



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