

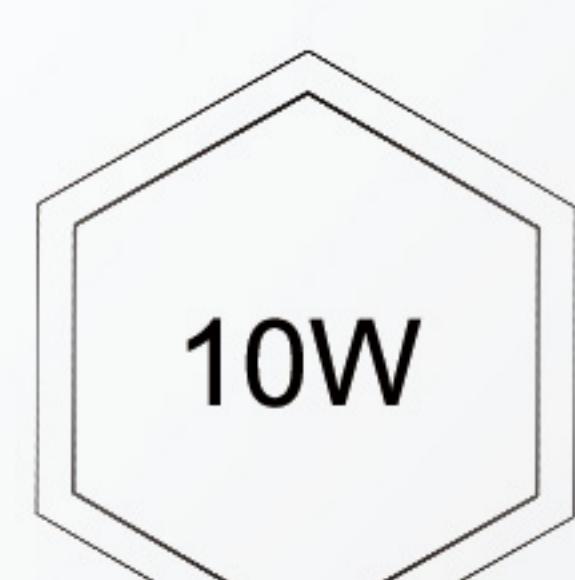


RETEVIS



RT83 Radio

- PTT ID
- CTCSS/DCS
- 2 slot TDMA
- 2 time slot direct mode (DCDM)
- DTMF encode/decode
- Single/group/all call
- High/Low power selectable
- Digital encryption
- PC programmable function
- 1024 channels/64 zone
(max 16 channels Per Zone)
- Man down
- CPS feature
- Call prompt
- Call Detection
- 1750HZ tone
- Remote monitor
- Emergency alarm
- Firmware update
- voice recording fuction
- Contact view and edit
- Message view and edit



RETEVIS RT83

10W IP67 DMR Digital Dual Time UHF Two Way Radio

Main Feature

- GPS optional
- Remote Kill/stun/activate
- Voice prompt
- Power-on protection
- Color LCD display
- Encryption function
- Built-in CTCSS/DCS
- Text messages in digital mode
- Priority scan
- Complying with digital protocol ETSI TS 102 361-1, -2, -3
- Compatible with Mototrbo Tier I & II
- Private call, group call, all call in digital mode
- Operate in both Digital & Analogue mode, allows easily migrate from analog to digital
- Provide clearer voice communications in digital mode, throughout the coverage area
- 10 watt ultra-high output power
- Updated software available for new features

| General | | Receive | Transmitter |
|---------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Frequency range | 400-470MHz | Analog sensibility 0.35uV/-116dbm(20db SINDA) Digital sensibility 0.3uV/-117.4dbm (BER5%) Common channel Rejection >-12dB Adjacent channel selectivity TIA603C:65dB ETSI:60dB Spurious response TIA603C:75dB ETSI:70dB Audio power 1W Audio response 1db.-3db Rated audio distortion <3% | Output power 10W/4W |
| Channel capacity | 1024 channels | | Frequency stability ±1.0ppm |
| Channel spacing | 12.5KHz | | Adjacent channel power ≤-60dbm |
| Working voltage | 7.4V | | Free time slot power TDMA:<-57dBm |
| Battery capacity | 2800mAh(Li-ion) | | FM modulation mode 12.5KHz:11K0F3E |
| Working temperature | -40°C- +85°C | | Modulation deviation 2.5KHz:@12.5KHz |
| Antenna impedance | 50Ω | | Nonactive slot power -57dBm |
| Audio output power | <1000mw@16 | | 12.5KHz(date only):7K60FXD |
| Dimension | 148*56*39mm | | 4FSK digital mode 12.5KHz(date +voice):7K60FXE |
| | | | Modulation BER <5% |
| | | | Vocoder type AMBE++ |

Standard Accessories



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