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DMR Two Way Radio DMR

Dual Band DMR Digital DCDM TDMA RT3S

- |
- TOT
- VOX
- Record
- GPS(Optional)
- (TDMA)digital function
- Dual time slot for repeater
- Dual time slot for point to point
- Firmware upgradeable
- Lone worker
- Encryption function
- Compatible with Mototrbo Tier I &
- Single call,group call and all call
- Analog and digital combind
- Remote kill /stun and activate
- Up to 3000 channels
- Transmit interruption
- Emergency Alarm
- Group call match(promiscuous)
- Private call match(promiscuous)
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RETEVIS



Dual Band DMR Digital DCDM TDMA

RT3S dual band digital radio uses Digital Mobile Radio (DMR) Tier 2 Standard protocol. It is compatible with the popular MOTO TRBO series Tier I and II using standard encryption, as well as other makes and models of DMR supported radios. It is also compatible with any existing analog two-way radio operating on the supported UHF and VHF frequencies for easy migration to digital technology.

General specifications

Frequency	136-174&400-480MHz
Channels	3000
Frequency Stability	±1ppm
Operating Temperature	-30℃~+60℃
Operating Voltage	7.4V DC
Dimension	131 x 61 x 36mm
Weight	258g (with battery)
Battery Capacity	2000mAh(Li-ion)
Antenna Impedance	50Ω
Vocoder	AMBE++

Transmitter

Power	High≤5W, Low≤1W
Frequency Stability	±1.0ppm
Adjacent Channel Power	≤-60dB
Free Time Slot Power	TDMA:≤57dBm
Hum and noise	-40dB@12.5KHz
Modulation maximum deviation	2.5KHz@12.5KHz
Nonactive slot power	-57dBm
Modulation BER(bit error rate)	≤5%

Receiver

Analog Sensibility	0.2μV@12dB SINAD
Digital Sensibility	0.25μV(BER:5%)
Adjacent Channel Selectivity	≤-60dB@12.5KHz
Intermodulation	≤60dB
Spurious Response	≥70dB
Audio Response	+1~-3dB
Rated Audio Distortion	<5%
Rated Audio Power	1W

Standard Accessories



Charger



Adapter



Belt clip



Antenna



Battery

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