



RT3

- DMR digital two way radio, (TDMA) Digital technology
- 1000 Channels, Have more options
- Analog and digital mode combined
- Emergency alarm function
- Text message in digital mode
- Remote kill/stun/activate



Main Feature

1000 channels	Remote kill/stun/activate	Complying with digital protocol ETSI TS 102 361-1,-2,-3
Voice prompt	Power-on protection	Updated software available for new features
Color LCD display	Text messages in digital mode	Allows easily migrate from analog to digital
Encryption function	Compatible with Mototrbo Tier I & II	Provide clearer voice communications
Priority scan	DTMF decoding and encoding	In digital mode, throughout the coverage area
Built-in CTCSS/DCS	Operate in both Digital & Analogue mode	Private call, group call, all in digital mode

General

Frequency Range	136-174 or 400-480MHz	Battery capacity	2000mAh standard Li-ion battery
Channel	1000 Channel	Channel Spacing	12.5kHz
Operating Voltage	7.4V	Antenna Impedance	50Ω
Operating Temperature	-30°C+60°C	Store Temperature	-40°C+85°C
Audio Output Power	≤1000mW@16Ω	Dimension (H*W*D)	131x61x36mm
Weight	258g		

Transmitter

Output power	High: ≤ 5W(H) Low: ≤ 1W(Low)
Frequency stability	± 1.0PPM
Adjacent channel power	TDMA: ≤ 57dBm
Hun and noise	-40dB@12.5kHz
Spurious Radiation	Antenna:9kHz-1GHz ≤ -36dBm 1GHz-12.75GHz ≤ -30dBm
FM Modulation Mode	12.5kHz: 11k0F3E
4FSK Digital Mode	12.5kHz (date only):7K60FFXD 12.5kGz (data + voice):7K60FXE
Modulation Maximum Deviation	2.5kHz@12.5kHz
Nonactive Slot Power	-57dBm
Digital Protocol	ETSI TS 102 361,-1,-2,-3
Vocoder Type	AMBE+2TM
Audio Response	+1dB~-3dB
Modulation BER(Bit Error Rate)	<=5%

Receiver

Analog sensitivity	0.33μV/-116dBm (20dB SINDA) 0.22μV/-120dBm (Type)
Digital sensibility	0.3μV/-117.4dBm (BER 5%) 0.223μV/-110dBm (BER 1%)
Co-channel rejection	≥-12dB
Adjacent channel selectivity	T1A603C:65dB ETSI: 60dB
Spurious response	T1A603C:75dB ETSI: 70dB
Rated audio power	1W
Audio response	=1dB~-3dB
Rated audio distortion	3%(Type)
Spurious Radiation	Antenna:9kHz-1GHz ≤-57dBm 1GHz-12.75GHz ≤-47dBm

Standard Accessories



Charger



Li-ion battery



Antenna



Belt clip



Earpiece



User's manual

Optional Accessories

More optional caessories please refer to our website : www.retevis.com



Car Charger battery



Six-way charger



Programming cable



Speaker microphone



Acoustic Tube headset

