

RETEVIS

RT54

DMR Digital Two Way Radio

UHF 400-470MHz 5W Digital Walkie Talkie



Feature :

- Removable dustproof structure
- Detachable speaker
- UHF Full-Frequency Radio
- Digital and analog compatible
- Digital signaling function
- High sound quality
- High/low power switch
- Supports the use of repeater
- Side buttons can be customized without changing the user's operating habits

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Main technological specification :

Frequency range :	UHF:400-470MHz
Channel Capacity :	16CH
Channel Spacing :	12.5KHz
Operating Temperatur :	-25°C~+60°C
Operating Voltage :	DC 7.4V
Antenna Impedance :	50Ω
Microphone Impedance :	2.2KΩ
Battery :	Li-ion DC7.4V 1600mAh
Dimension :	135×53×33mm (no including antenna)
Weight :	316g

Transmission :

Output power :	High : 5W Low : 1W
FM modulation :	25/16K4F3E 12.5K/8K4F3E
4FSK digital modulation :	12.5KHz for data:7K60FXD 12.5KHz for data and voice :7K60FXE
Vocoder type :	AMBE++ or SELP
Digital Protocol :	ETSI-TS102 361-1,-2,
Harmonic :	≥70dB
Signal-to-noise Radio(wide/narrow) :	25K≤-45 dB 12.5≤-40 dB
Rated audio Distortion :	≥5%
Frequency Stability :	±2.5ppm
Max Frequency Stability :	12.5K≤-40dB

Reception :

Sensitivity (12dB SINAD) :	Analog 25K≤-121dB 12.5K≤-119dB Digital 0.3μV/BER5%
Signal-to-noise Radio :	25K≥45 dB 12.5K≥40dB
Adjacent channel selectivity :	25K≥65 dB 12.5K≥60dB
Intermediation (Wide/ narrow) :	25K≥60 dB 12.5K≥55dB
Spurious Response Rejection :	≥65 dB
Audio power :	1W
Audio distortion :	<5%
Frequency Stability :	±2.5ppm
Battery life under 5-5-90duty :	14.8 hours(with 1600mAh Li-ion battery) 20.9 hours(with 1600mAh Li-ion battery)

Package includes :

- 1 x RT54 Two Way Radio
- 1 x Antenna
- 1 x Battery
- 1 x Belt Clip
- 1 x Sling
- 1 x Power Adapter
- 1 x User Manual
- 1 x Charging stand



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