



RT80_{DMR DIGITAL TRANSCEIVER}

DIGITAL/ANALOG RADIO

TOT/VOX function/BCL function/Scan function

- / DMR tier I & II
- / Analog and digital mobile radio
- / 16 group
- / 999 channels and 1000 contacts
- / Straight double time slot (DCDM)

- / Private call, group call, all call
- / Adjust squelch level
- / Battery save
- / Monitor
- / 16 color Codes/54CTCSS/214DCS

RETEVIS

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TECHNICAL SPECIFICATIONS

General specifications			
Frequency Range	400-480MHz	Channel capacity	999
Channel spacing	12.5/25KHz	Working voltage	7.4V
Standard battery	1500mAh	Battery average working ho (5-5-90 working cycle)	11/12 (h)
Frequency stability	±2.5 PPM	Working temperature range	-10~55℃
Antenna impedance	50Ω	Dimensions (H x W x D) (Without antenna)	105x53x29.5mm
Weight (with antenna)	217g		
Transmitter		Receiver	
Output Power	≤ 5W	Sensitivity (analog)	≤0.3/0.22 μV (12dB SINAD)
Modulation(analog)	11KΦF3E@12.5KHz	Sensitivity (digital)	≤0.3 μV/BER 5%
Modulation (digital)	12.5KHz (data +voice):7K60FXW 12.5KHz(data only)7K60FXD	ACS	≥65dB
Spurious emission	-36dBm<1GHz -30dBm>1GHz	Intermodulation	≥65dB
Audio response (300-3000HZ)	±3dB	Spurious response rejection	≥60dB
Audio distortion	≤5%	Conducted spurious emission	≤-57dBm
Digital vocoder type	AMBE++	Audio output power	≥750mW
Modulation limit	±2.5@12.5KHz ±5.0@25KHz	Audio distortion	≤5%
Digital protocol	ETSI-TS102 361-1,-2	Audio frequency response	±3dB
SNR	40db@12.5KHz 45db@25KHZ	S/R	40dB@12.5KHz 45db@25KHZ

PACKAGE INCLUDES

						
Antenna	Sling	Belt clip	Adapter	Battery	Charger	User manual

RETEVIS
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