

RETEVIS
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RT40

PMR LICENCE-FREE ANALOG DIGITAL RADIO

TOT/VOX function/BCL function/Scan function

- / License-free DMR radio
- / Analog and digital mobile radio
- / 3 group(A B C group)
- / 48 channels and 48 contacts
- / Straight double time slot (DCDM)

- / Private call, group call, all call
- / Adjust squelch level
- / Battery save
- / Monitor
- / 51CTCSS 214DCS



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TECHNICAL SPECIFICATIONS

General specifications			
Frequency Range	PMR	Channel capacity	48
Channel spacing	12.5K	Working voltage	3.7V
Standard battery	1700mAh	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)	104x55x24mm
Weight (with antenna)	135g		
Transmitter		Receiver	
Output Power	2.0W	Sensitivity (analog)	≤0.2 μV (12dB SINAD)
Modulation(analog)	11KΦF3E@12.5KHz	Sensitivity (digital)	≤0.3 μV/BER 5%
Modulation (digital)	12.5KHz (data +voice) 7K60FXW.(data only)7K60FXD	ACS	≥60dB
Spurious emission	-36dBm<1GHz -30dBm>1GHz	Intermodulation	≥60dB
SNR	40dB	Spurious response rejection	≥60dB
Audio distortion	≤5%	S/R	40dB
Modulation limit	±2.5@12.5KHz	Audio output power	≥500mW
Audio response (300-3000HZ)	±3dB	Audio distortion	≤5%
Digital vocoder type	AMBE++	Audio frequency response	±3dB
Digital protocol	ETSI-TS102 361-1,-2	Conducted spurious emission	≤-57dBm

PACKAGE INCLUDES

