

**RETCVIS**



## RT50 10W DMR Digital Dual Time UHF Radio

IP67 waterproof and dust-proof

Digital tube character TDMA technology

AMBE++ vocoder compatible with mototrbo

# RETEVIS RT50

## DMR Digital Two Way Radio

### Main Feature

- Digital tube character function
- IP67 waterproof
- Digital and analogue mode
- 2 zone, 198 channels, 200 contacts
- Single/group/all call
- 2 time slot direct mode (DCDM)
- 2Tone/5Tone signaling operation
- Remote stun/active(only analogue mode)
- High/Low power selectable
- Man down
- Compander
- Scambler
- VOX function
- Scan function

General		Receive		Transmitter	
Frequency range	400-470MHz	Analog sensibility	0.35uV/-116dbm(20db SINDA) 0.22uV/-120dbm(type)	Frequency stability	± 1.5ppm
Channel	198	Digital sensibility	0.3uV/-117.4dbm (BER5%)	Output power	10W
Operating Voltage	7.4V		0.22Uv/-110dbm (BER1%)	Hum and noise	-40db@12.5KHz
Standard battery	2200mAh	Channel spacing	12.5KHz	Receive spurious radiation	<-36dbm@1GHZ
Operating Temperature	-30°C - +60°C	Frequency stability	± 1.0ppm		>-30dbm@1GHZ
Antenna Impedence	50Ω	Block	84db	Adjacent channel power	-60dbm@1GHZ
Store temperdence	-40°C - +65°C	Audio power	1W	FM modulation mode	12.5KHz:11F0F3E
Dimensions (H x W x D)	141x60x39mm	Audio response	+1db- -3db	4FSK digital mode	12.5KHz(date only):7K60FXD
		Rated audio distortion	<3%		12.5KHz(date +voice):7K60FXE
Weight(with battery and antenna)	290g			Audio response	+1db- -3db
				Modulation BER	<3%

### Standard Accessories



**RETEVIS**

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