

RETCV IS



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℃- +60℃	Frequency stability	± 1.0ppm		>-30dbm@1GHZ
Antenna Impedence	50Ω	Block	84db	Adjacent channel power	-60dbm@1GHZ
Store temperdence	-40℃- +65℃	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
(Without antenna)		Rated audio distortion	≤3%		12.5KHz(date +voice):7K60FXE
Weight(with battery and antenna)	290g			Audio response	+1db- -3db
				Modulation BER	≤3%

Standard Accessories

