

# RETEVIS

DTMF



VOX



## RT23

FM



CTCSS/DCS

SQL

Can be a single  
segment VHF  
and UHF calls



TOT



- ◆ Dual Band Dual Display Dual Standby
- ◆ Cross Band Repeater Function
- ◆ Dual Receive Simultaneously
- ◆ Dual PTT
- ◆ VFO/MR/CH Mode
- ◆ 128 Channels





# RT23

## RETEVIS

Dual PTT, Dual Receive,  
Cross Band Repeater Function Radio.

### Main Features

- 128 Memory Channels
- 360 Degree Channel Knob
- Dual PTT
- Dual Receiving
- VFO/MR/CH Mode
- 1600mAh
- Battery Save
- 5W/4W
- Scan
- PTT ID
- Multi Definition for Sidekeys
- All/Group/Selective Call
- Remote Alarm
- Wide/Narrow Bandwidth  
2100Hz/1750Hz/1450Hz/1000Hz
- Cross-Band Repeater Function  
(VHF to UHF or UHF to VHF)
- Frequency offset and direction  
programmable in repeater mode
- Dual Band Dual Display Dual Standby

### General Specifications

Frequency Sensitivity	+/-2.5ppm
Rated Voltage	7.4V DC +/-20%
Memory Channel	128 Channels
Antenna Allocation	Pupinization Antenna
Antenna Impedance	50
Dimension	100*60*36mm / 3.94*2.36*1.42in
Frequency range	VHF:136-174Mhz UHF:400-480Mhz
Frequency Step	2.50K/5.00K/6.25K/10.00K/ 12.50K/20.00K/25.00K/50.00K

### Transmitter

Modulation Mode	16K0F3E/11K0F3E
Maximum Frequency Deviation	<=5kHz / <=2.5kHz
Spurious Power	<=7.5uW
Current	<=1.6A
Wide/Narrow	0.75kHz +/- 0.1kHz, 0.4kHz +/- 0.1kHz
Modulation Sensitivity	8-12mV
Audio Distortion	<=5%
Preemphasis Character	6dB/Every times the frequency will increase

### Receiver

Sensitivity	<=-0.2uV <=-0.25uV
Audio Output Power	>=500mW/10%
Audio Distortion	<=5%
Obstruct	>=85dB
Intermodulation	>=65dB >=60dB
Spurious Rejection	>=65dB
Adjacent Channel Selection	>=70dB >=60dB

### Standard Accessories

 Belt Clip	 Antenna	 Sling
 Adapter	 Battery	 Manual

