

RETEVIS

High-Quality Precision Circuit Design
Listen as Face-to-Face



CTCSS&DCS

Scrambler Function

TOT(Time-out Timer)

Busy Channel Lock

Squelch/ Scanning

VOX Function

High/ Low Power Selectable

Emergency Alarm

Wide/Narrow Bandwidth Selection

VOX
function

CTCSS
DCS

16
channel

CE FC
RoHS

RT21

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SHENZHEN RETEVIS TECHNOLOGY.,LTD



RT21

Feature:

Emergency Alarm	Squelch	Scrambler Function
Scanning	VOX Function	English/Chinese Voice Prompt
Busy Channel Lock	High/ Low Power Selectable	Low Battery Prompt
Wide/Narrow Bandwidth Selection	CTCSS&DCS Encode/Decode	Power Protection Function
TOT(Time-out Timer)	Battery Save Function	PC programming

General Specification:

Model Number	RT21	Channel Spacing	25 /12.5KHz
Frequency Range	UHF:400-480MHz	Working Voltage	DC 3.7V
Power	2.5W	Working Temperature	-10°C~50°C
Colour	Black	Antenna Impedence	50Ω
Channel Capacity	16	Weight (Include battery and antenna)	203g
Battery capacity	Li-ion 1300mAh	Size (Not include antenna)	12.1x6.2x3.1cm

Transmitter:

Output Power	2.5W
Modulation Mode	16KFΦ3E
Spurious Radiation	≤7.5μW
Modulation Noise	<-40dB
Modulation Distortion	≤5%
Frequency Stability	5ppm
Maximum Deviation	≤±5KHz
Current	≤2300mA
Audio Response(300-3000Hz)	+6.5~-14dB
Adjacent Ch.power	≥65dB
Intermediation Sensitivity	8~12mV

Receiver:

Sensitivity	≤0.2μV
Occupied Bandwidth	≤16KHz
Selectivity	≥65dB
Intermediation	≥55dB
Audio Power	1W
Audio Distortion	≤5%
Frequency Stability	5ppm
Current	80mA(when standby) 220mA(when working)
Audio Response	+7~-12.5dB

Standard Accessories:



Charger



Belt clip



Sling



Antenna



User manual



Li-ion battery

Optional Accessories:



Speaker microphone



Acoustic Tube headset



6 in 1 programming cable kit



Programming cable

