

Safety Information

Please read the following information in order to use this two-way radio safely and efficiently.

- 1. The maintenance work of the two-way radio can only be carried out by professional technical personnel; assembly/dis assembly without permission is prohibited;
- 2.To avoid problems caused by electromagnetic interference and/or electromagnetic compatibility, please turn off the two-way radio in places with the sign "Please turn off two-way radio", such as hospitals and other health care facilities.
- 3. When taking airplane, please turn off the two-way radio when the crew request.
- 4.In automobile with airbags, do not place the two-way radio in the inflation area of the airbags.
- 5. Turn off the two-way radio before entering the flammable and explosive environment;
- 6.Do not replace or charge the battery in flammable and explosive environments;
- 7. Turn off the two-way radio before approaching the blasting area and detonator area;
- 8.Do not use the two-way radio if the antenna is damaged, or else it may cause minor skin burns;
- 9.Do not expose the two-way radio to direct sunlight or near the heating device.
- 10. While the portable two-way radio is transmitting, keep the radio in a vertical position and keep the microphone about 5cm from the mouth.
- 11. Keep the two-way radio at least 2.5cm from the head or body during transmitting.
- 12.If you are wearing the portable two-way radio on your body, make sure that the antenna is at least
- 2.5cm away from the body when the two-way radio is transmitting.
- 13.If the two-way radio has any odor or smoke, turn off the power immediately and contact your dealer.

QT/DQT

The radio's QT/DQT for each channel can be programmed by software. When the channel set the QT/DQT, the radio squelch open only if it receives a signal that uses the same QT or DQT. The radio squelch does not turn on if the same channel uses different QT / DQT calls, only lights in green, sub-CTCSS 50 groups, and digital sub-audio DCS 105 groups.

A. QT: (50 Group)

67.0	88.5	114.8	151.4	177.3	203.5	250.3
69.3	91.5	118.8	156.7	179.9	206.5	254.1
71.9	94.8	123.0	159.8	183.5	210.7	Carlo Cac
74.4	97.4	127.3	162.2	186.2	218.1	
77.0	100.0	131.8	165.5	189.9	225.7	
79.7	103.5	136.5	167.9	192.8	229.1	1000
82.5	107.2	141.3	171.3	196.6	233.6	
85.4	110.9	146.2	173.8	199.5	241.8	

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Technical Specification

General		Transmitter			
Frequency range	UHF400-470MHz	RF Power	<5W	Partie manager	
Memory channels	16 Groups	Maximum deviation(W/N)	≤5KHz/≤2.5KHz		
Operation voltage	DC3.7V	Spurious emission	≤7.5uW		
Frequency stability	±2.5ppm	Adjacent channel power	≤-65dB/≤-60dB		
Operation temperature	-20°C—+50°C	SNR(W/N)	≥-45dB/≥-40dB		
Mode of operation	Simplex	QT/DQT (W/N)	0.7±0.1KHz/0.4±0.1KHz		
Antenna impedance	50Ω	Modulation sensitivity	8—12mV		
(Beekle	AMERICAN SERVICE PROPERTY	Transmission current	≤1.2A		
Receiver					
Sensitivity	-122dBm (12dB SINAD)	Adjacent channel selectivity	(W/N)	≥65dB/≥60dB	
Audio power	1W	Clutter suppression		≥65dB	
Audio distortion	≤10%	Receiver current		≤380mA	
Intermediation(W/N)	≥65dB/≥60dB	emploses yes over otoers	q aller	ngawaic usylis	

Note: The above specifications/technical instructions are for reference only because of the continuous improvement of the technology. Please refer to the physical object.