

RL-318CQ

VHF/UHF Transceiver

- Channel Mode / VFO Mode
- 128 Channls / With Name Tag
- 12.5KHz / 25KHz Channel Spacing
- High / Low TX Power
- 50 CTCSS / 1024 DCS / DTMF
- VOX Function
- FM Radio / Scrambler
- Whisper / Voice Compander
- Emergency Call (Alert Key)
- Three Colored LCD Display



Technical Specifications

GENERAL	
Frequency range (MHz)	144-148MHz / 136-174MHz
Number of Channels	Up to 128 channels
Channel Spacing	12.5kHz / 25kHz
Mode of Operation	Simplex or Semi-duplex
Modulation Mode	F3E (FM)
Supply Voltage	7.2V DC Nominal
Current Consumption	Transmit: ≤ 1.5 Amps
Temperature Range	-25°C to +50°C
Frequency Stability	± 2.5ppm
Dimensions (mm)	57×105×35 (without antenna)
Weight(Includes battery)	250 grams
Approval Specifications	EN 301783 , EN 60950 , EN 301489
Battery	1500mAh Li-ion battery as stardard; 1800mAh as optional

TRANSMITTER	
RF Power Output	VHF: 5W/1W
Maximum Frequency Deviation	≤ 5KHz
Adjacent Channel Power	≤ - 60dB
Audio Distortion	≤ 5%
FM Hum/Noise	≥ 35dB @12.5KHz /40dB @ 25kHz
Spurious Radiation	≤ - 60dB

RECEIVER	
Sensitivity	≤ 0.25uV @12dB SINAD
Adjacent Channel Selectivity	≥ 65dB
Spurious Response Rejection	≥ 60dB
Audio output power	0.5W
Audio Distortion	≤ 5%
Audio Response	0.3~3KHz

