

# RL-328CQ

## TURBO 6.5 WATTs

- 144 to 146 MHz (PLL; 136 to 174 MHz)
- 430 to 440 MHz (PLL: 400 to 470 MHz)
- VHF 5W/ UHF 4W Output Power
- 128 Channels, 50 CTCSS, 104 DCS
- 12.5KHz / 25KHz Channel Spacing
- Channel Step 5K, 6.25K
- Squelch Level Setting(0-9)
- Hi / Low Power Switchable
- Channel / VFO Switching
- Input Frequency By Keypad
- PC Software Programmable
- 3 Color LCD Backlight Display
- Keypad Backlight
- BCLO(Busy Channel Lock Out)
- Reverse Frequency Function
- Priority Scan Function
- Voice Announcement
- Keypad Lock
- VOX Built-in
- Clone



*Rugged  
Flexible  
Dependable*



**REXON**<sup>®</sup>  
*What An Excellent Radio!*

# Technical Specifications

GENERAL	
Frequency range (MHz)	136-174MHZ
	400-470MHz
Number of Channels	128
Channel Spacing	12.5kHz /25kHz
Mode of Operation	Simplex or Semi-duplex
Modulation Mode	F3E (FM)
Supply Voltage	7.2V DC Nominal
Current Consumption	Receiver Standby 15mA
	Transmit: ≤ 1.4 Amps
Temperature Range	-20°C to +50°C
Frequency Stability	± 2.5ppm
Dimensions (mm)	W 124.5 x L 55 X H 30 / 145 (Knob) x 59 (PTT) x 42 (SPK)
Weight	350 grams (+ Antenna & Belt clip 400g)
Approval Specifications	EN 301 783 : 1997
	IEC 60950, MIL STD 810/C/D/E/F , IP54
TRANSMITTER	
RF Power Output	≤ 5W Watts Software Adjustable
Maximum Frequency Deviation	≤ 5KHz
Adjacent Channel Power	≥ 65dB
Audio Distortion	≤ 3%
FM Hum/Noise	≥ 35dB @12.5KHz /40dB @ 25kHz
Spurious Radiation	≤ 7.5uW
Occupied Bandwidth	≤16KHz
Modulation Character	+3dB ~ -3dB
RECEIVER	
Sensitivity	≤ 0.20uV @12dB SINAD
Adjacent Channel Selectivity	≥ 60dB
Spurious Response Rejection	≥ 60dB
Inter-modulation Response Rejection	≥ 60dB
Blocking	≥ 85dB
Audio Distortion	≤ 3%
Audio Response	+2dB ~ -10dB