

*The radio  
all security  
personnel  
have been  
waiting  
for...*



66~88MHz  
135~174MHz  
300~360MHz  
335~400MHz  
400~470MHz  
450~527MHz

More bands available under request



FC CE0678①



# RL-328S

## Professional Land Mobile Radio



### ■ World Beating Features



**BLUE TOOTH - built in.\*** A world first for any PBR radio. No need for wires to headsets or ear - pieces. Massively increases health and safety near moving machinery. **A MUST HAVE FOR ALL SECURITY PERSONNEL**

**5 T**

**5 TONE SELCALL as standard.** Fully compliant and interoperable with all known 5 tone languages, massively flexible timing capabilities. 100 alpha numeric tags supporting lone worker, emergency call, man down\*, possum\* and many other advanced safety and security features

**LW**

**FAIL SAFE LONE WORKER**, designed in the UK and totally fail safe, immensely flexible to meet every H & S lone worker requirement.



**AUTO ON/OFF SIGNAL**, The RL-328S will automatically log on and log off when switched on or off



**POSSUM**, An advanced safety system designed for high risk users.



**GPS READY,\*** Fully compliant with the unique, world patented, REXON GPS stand alone GPS Speaker Microphone, not only is the RL328 EOS probably the worlds safest radio, it can now be linked to the global positioning system for near pin point location at any time in any event.

**(2000)**

**A MASSIVE 2000 mAh,\*** split load Lithium Ion battery is supplied as optional giving a massive 16 hours operation on a normal 5/5/90 duty cycle.



**SHUNTING** confidence tone as standard



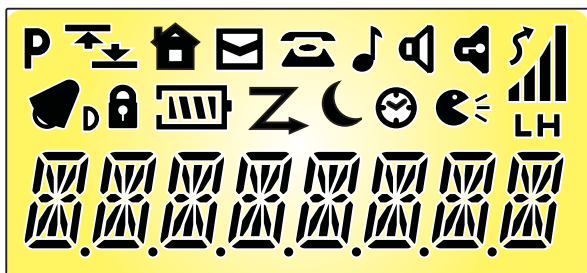
**FLASH MICROPROCESSOR** Max. 256 channels, 12.5/20/25 KHz channel spacing, 1450/1750/2135 Hz Burst tone, scan ,priority scan, dual watch, priority channel, CTCSS, DCS , DTMF ANI ,5 tone ANI (CCIR,ZVEI,User define..etc),both withhold off,man down\* and scrambler\* ready. 8 digit LCD, multi information icons, Dynamic processor with RAM - for future applications, IP54/55, MIL SPEC 810 C,D,E&F stun and unstun, back lit LCD....

\* Optional features or accessories

# RL-328S

## Professional Portable Radio

### DISPLAY SYMBOLS



### Accessories

#### RECHARGEABLE BATTERY PACK



	Weight	Thickness
BP-16 1600mA-Ni-MH	194g	1.8cm
BP-18L 1800mA li-ion	108g	1.4cm
BP-21L 2100mA li-polymer	109g	1.8cm

RC-28L



Fuzzy desktop  
charger for Li-ion

RC-28



Fuzzy desktop  
charger for Ni-MH

MRC-28L



6- Way Rapid  
Charger



Leather case



Tunable Antenna



Stubby Antenna



Dual throat-activated  
mic



Flexible hanging  
speaker mic



Transparent tube  
earphone mic



GPS microphone



Compact Fist  
speaker mic



Programming kit

### TECHNICAL SPECIFICATIONS

GENERAL	
Power Supply	Rechargeable Battery 7. 5V
Frequency range (MHz)	66~88MHz/135~174MHz
	300~360MHz/330~400MHz/400~470MHz/450~527MHz
Modulation Type	F3E
Frequency Control	PLL Synthesizer
Channel Spacing	12. 5KHz/20KHz /25KHz
Number Of Channel	Up to 256
Temperature Range	O. P -30°C~60°C /Storage -30°C~+80°C
Frequency Stability	±2. 5ppm
Humidity	Operative 90%
Battery Life	≥8 hours
Dimensions	125x64x44 mm
Weight with battery	380 gram
Shock & Vibration	Meet MIL 810 C/D/E/F
Humidity, Rain, Salt fog, Dust	Meet IEC529, IP54
TRANSMITTER	
RF Output Power	5W/1W (VHF); 4W/1W (UHF)
Maximum Frequency Deviation	≤ 5KHz@25KHz ; ≤4. 0KHz@20KHz ; ≤2. 5KHz@12. 5KHz
Adjacent Channel Power	≤-60dBc@12. 5KHz ; ≤-70dBc@20KHz ≤-70dBc@25KHz
Audio Distortion	≤ 3%
FM Hum/Noise	>40dB @12. 5KHz ; >43dB @ 20kHz ; > 43dB@25KHz
RECEIVER	
Circuit Type	Double Conversion Superheterodyne
Intermediate Frequency	1st 45MHz; 2nd 455KHz
Sensitivity	≤ 0. 25uV @12dB SINAD
Adjacent Channel Selectivity	≥ 60dB@12. 5KHz ; 70dB@20KHz ; 70dB@25KHz
Spurious Response Rejection	≥ 70dB
Intermodulation Response Rejection	≥ 65dB
Blocking	≥ 85dB
Audio Distortion	≤ 3%
Audio Output Power	≥ 500mW @10% Distortion
Stand. by Current Drain	≤ 70mA
Stand. by Current with save	≤ 25mA
Rated Audio Current Drain	≤ 250mA
FM Noise	45dB@25KHz ; 45dB@20KHz ; 40dB@12. 5KHz