

# Radio Communication specialists

## Maxon SL1000 Series Professional Radio

- Rugged construction
- 16 channels with scanning
- Powerful 1500 mAh Li-Ion Battery
- Enhanced Clear Audio
- Robust, Compact, Lightweight
- Emergency Signalling
- Fully Programmable
- Password Protect
- Wide Accessory Range
- Two Years Warranty

*With the Maxon guarantee of quality, performance and reliability.*

Building on the success of the established Maxon range of professional two way radio's, Maxon CIC Europe Ltd are proud to introduce their new SL1000 series of programmable PMR hand held radio's.

The SL1000 series follows on from the successful release of the licence free version, the PMR446 S5, and is the professional solution to your communication needs.

The SL1000 series is easy to operate, and has been designed to withstand the rigours of everyday use. The design incorporates both dust and water spray protection, which helps to make the SL1000 series both robust and reliable.

It is the perfect, low cost voice communication tool for many industries including police, fire, ambulance, railways, security & construction firms and retail outlets. It is also an excellent choice for radio hire applications.

The high capacity 1500mAh Li-Ion battery pack provides many hours of continuous operation without the need to recharge, which will benefit employees who work long shifts. Li-Ion batteries provide lightweight performance without the 'memory effect' exhibited by traditional Ni-Cd & Ni-Mh chemistries.

The radio is supplied with a rapid charger as standard and there is a wide range of accessories available to meet your specific needs.



[www.maxoncic.co.uk](http://www.maxoncic.co.uk)

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*Maxon SL1000 series hand portable*

# Maxon SL1000 Series

## Technical specifications



### GENERAL

Performance Specifications	R&TTE Directive 1999/5/EC ETSI EN 300 086-02
Band	VHF (V2): 148 – 174MHz UHF (U2): 440 – 470MHz
Number of channels	16 (Fully Programmable)
Channel Spacing	12.5 KHZ, 25 KHz (Programmable)
Operation	Half Duplex
Antenna Impedance	50 Ohm
Tone Sets	CTCSS/DCS
Power supply	7.5V dc Nominal
Current Consumption	
TX:	< 2 Amps @ 5 watts
RX:	<80 mA Standby (muted) with battery save on <300mA Unmuted with 100% AF power
Battery Life	>15 Hrs 5W with 1500 mAh battery pack 90:5:5 duty cycle
Weight	270g with battery and antenna
Physical Dimensions	42 x 59 x 129 (D x W x H) with battery, Without antenna and belt clip
RF Output Power	5 Watt high / 1 Watt low
Receiver Sensitivity	UHF: Better than -117dbm VHF: Better than -118 dBm
Audio Power Output	External 4Ω 600mW Internal 4Ω 600mW

### ENVIRONMENTAL

Operating Temperature	-15°C to +35°C Nominal
Range	-30°C to +60°C Extreme
Robustness	Designed to IP54 Protection from ingress
EMC	EMC Directive 89/336/EEC; ETSI EN 301 489-1/-5
Safety	LV Directive 73/23/EEC; ETSI EN60950-1
Humidity	EIA/TIA 603 (95%)

### ACCESSORIES:

Additional accessories are also available; please contact us for details of full range.

#### Batteries

- BTL 1501L 1500mAh Li-Ion Battery

#### Chargers

- CHL 100L-03 Six Way, Rapid Charger
- CHL 100L Single Way, Rapid Charger

#### Audio

- MA100-01 Small Lapel Speaker Mic
- MA100-02 Standard Lapel Speaker Mic
- HS100-01 Ear Hanger with In-Line Mic and PTT

#### Antennas

- SL1102 ANT: 931-130016AA
- SL1402 ANT: 931-130012AA

#### Carrying

- LC-SL1000-01 Soft Leather Case
- LC-SL1000-02 Hard Leather Case
- CA1470 Waterproof Bag

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Figures above are typical and measured under normal operating conditions. As such they will not form part of contract. Our policy is one of continuous improvement and we reserve the right to change product specifications without notice.

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