

# Maxon SL100K

The SL100K is packed with features which give immediate benefits to any organisation using portable radio to maximise operational efficiency. Fitting comfortably into the palm of the hand, the compact yet rugged SL100K is a must for those wanting a truly portable radio. The rounded battery pack and the general 'curvaceousness' of the radio give it a lightweight, comfortable yet secure feeling.

The SL100K is controlled by a sophisticated microprocessor which makes the radio remarkably simple to use. However, simplicity does not mean featureless the SL100K retains all the features expected of a high quality professional radio such as Selcall, DTMF, Scrambler, Scanning, CTCSS/DCS, synthesised channels, programmable output power and battery save modes.

The SL100 offers a level of flexibility, robustness, and cost effectiveness essential for today's markets.



## Features & Benefits

- 199 channels.
- All features PC programmable - Simple radio customisation, even in the field.
- High capacity 1550mAh Battery - Ni-MH for greater capacity.
- Dual feature Keypad - Full Selcall and DTMF functions.
- EEA, ZVEi 1, ZVEi 2, ZVEi 3, DZVEi, PZVEi, CCIR, CCIT, and user defined SELCALL tonesets
- Moulded Polycarbonate Case - Retains aesthetic appearance even after heavy use.
- Compact and Modular - Less than 360grams including battery and antenna.
- Top Mounted, Backlit 3-digit LCD Display - Quick view of channel position and status indicators/alerts

## Technical Specification

Operation	Single and Two Frequency Simplex	
Channels	199	
Bands	VHF: 146-174MHz (V2) UHF: 440-470mhz (U2)	
Channel spacing	12.5kHz, 20kHz, or 25kHz (Programmable)	
Switching bandwidth	Full Band	
Rf output	1-5W (Hi / Lo Programmable)	
Tone sets	CTCSS/DCS/inverted DCS CTCSS non standard	
Selcall tone sets	EEA, ZVEi 1, ZVEi 2, ZVEi 3, DZVEi, PZVEi, CCIR, CCIT and user defined.	
Adjacent channel selectivity	Nominal	Extreme
	12.5kHz better than 60dB	better than 55dB
	20kHz better than 70dB	better than 65dB
Audio output	25kHz better than 70dB	better than 65dB
	1W into 4 Ohm internal speaker	
	500mW into external 8 Ohm speaker.	
Dimensions	112mm high x 61mm wide x 40mm deep (excluding antenna)	
Weight	360g with standard 1550mAh battery	
Type approvals	R&TTE, ETS 300.086, ETS 300.219, ETS 300.279 TIA/EIA-603	
Robustness	Designed to meet Military Standard MIL-STD 810C, D, E procedures I, II & V for resistance to extremes of heat, pressure, water ingress, and vibration.	