

Radio communication specialists

Maxon SL100K hand portable

- Compact size
- 199 channels
- PC programmable CTCSS/DCS
- 1550mAh high capacity battery
- Full Selcall features
- User defined tonesets
- Built-in inversion scrambler
- DTMF/Selcall keypad
- ANI-leading/trailing edge
- Remote stun/revive
- Covert call/emergency call

With the Maxon guarantee of quality, performance and reliability.

The SL100k is packed with features to improve your communication efficiency.

A compact, robust radio in a moulded polycarbonate case, the SL100 meets demanding military standards, and the lightweight unit is designed to fit comfortably in the hand. It's extremely robust and easy to operate in any environment: emergency situations, retail, warehouse or open air, with dust and water spray protection.

It offers an extensive 199 channels, and PC programmable features such as flexible PC programming and CTCSS/DCS and Selcall, channel spacing, output power and full scanning. Its high-capacity 1550mAh rechargeable battery pack gives good operational range and extended performance.



The SL100k provides enhanced security as standard. The selective calling, DTMF keypad and built-in inversion scrambler ensures privacy against unauthorised users. The programmable remote stun/revive, emergency and covert call features allow full flexibility for security operation.

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Technical specifications



GENERAL

Performance Specifications Band	R&TTE Directive 1999/5/EC VHF (V2): 146 - 174MHz UHF (U1): 400 - 440MHz UHF (U2): 440 - 470MHz (Full switching bandwidth)
Number of Channels	199 fully programmable
Channel Spacing	12.5kHz, 20kHz or 25kHz (Programmable / per channel)
Operation	Simplex / Half Duplex
Antenna Impedance	50 Ohm, SMA
Tone Sets	CTCSS/DCS encode/decode EEA, ZVEi 1, ZVEi 2, ZVEi 3, DZVEi, PZVEi, CCIR, CCIT and User defined Selective Calling tonesets encode/decode DTMF encode
Power Supply	7.5V dc nominal
Current Consumption	TX: <2.2A @ 5W RF output RX: <40mA Standby (muted) with battery save ON <85mA Standby (muted) with battery save OFF <250mA Unmuted with 100% AF power
Battery Life	>8 hrs @ 5W with 1550mAh battery pack Intermittent 90:5:5 (Standby: RX:TX)
Weight	360g
Physical Dimensions	112 (H) x 61 (W) x 40 (D)
RF Output Power	1W / 5W programmable
Receiver Sensitivity	UHF: Better than -117dBm VHF: Better than -117dBm
Audio Power Output	1W min (4 Ohm internal speaker) 500mW min (8 Ohm external speaker) <10% THD

ENVIRONMENTAL

Operating Temperature Range	-15 to +35 deg C nominal -30 to +60 deg C extreme
Robustness	Designed to Mil Std 810 C procedures I, II & V, D & E
Protection against ingress of dust and water	IEC 529 IP54
EMC	EMC Directive 89/336/EEC May 89
Humidity	EIA/TIA 603 (95%)

CE 0168 Ⓢ

Accessories:

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

Batteries:



BTM100-01

Antennas:



CA2526

Chargers:



QPA-1186-3/2

Audio:



HS100-01



HS100-06



MA100-01

Carrying:



LC100K-01



NC100K-01

Antennas for UHF also available

Maxon CIC Europe Limited
Maxon House, Cleveland Road
Hemel Hempstead, Herts, HP2 7EY, UK
Tel: +44 (0)1442 267 777
Fax: +44 (0)1442 215 515
Email: sales@maxoncic.co.uk
www.maxoncic.co.uk

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