

Radio communication specialists

Maxon SL100 hand portable

- Compact size
- 199 channels
- PC programmable CTCSS/DCS
- 1550mAh high capacity battery
- Key lock
- Top mounted LCD display
- Meets military standards
- Simple operation
- Full scanning
- Rugged construction

With the Maxon guarantee of quality, performance and reliability.

The SL100 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.

The **SL100** offers an extensive **199 channels**, and **PC programmable** features such as flexible PC programming and CTCSS/DCS, channel spacing, output power and full scanning. Its **high-capacity 1550mAh** rechargeable battery pack provides excellent operational range and extended performance.



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Technical specifications



GENERAL

Performance Specifications
Band

Number of Channels
Channel Spacing

Operation
Antenna Impedance
Tone Sets
Power Supply
Current Consumption

Battery Life

Weight
Physical Dimensions
RF Output Power

RECEIVER

Receiver Sensitivity UHF:
VHF:
Audio Power Output

ENVIRONMENTAL

Operating Temperature
Range
Robustness
Protection against ingress
of dust and water
EMC
Humidity

CE 0168 ⓘ

R&TTE Directive 1999/5/EC
VHF (V1): 136 - 162MHz
VHF (V2): 146 - 174MHz
UHF (U2): 440 - 470MHz
(Full switching bandwidth)

199 fully programmable
12.5kHz, 20kHz or 25kHz
(Programmable / per channel)

Simplex / Half Duplex
50 Ohm, SMA
CTCSS/DCS encode/decode
7.5V dc nominal
OFF: <10mA

<40mA Standby (muted) with battery
save ON
<85mA Standby (muted) with battery
save OFF
<250mA Unmuted with 100%
AF power
<2.2A @ 5W RF Output

>11 hrs @ 1W with 1350mAh battery pack
Intermittent 90:5:5 (Standby: RX:TX)

355g
112 (H) x 61 (W) x 40 (D)
1W / 5W programmable

Better than -117dBm
Better than -118dBm
1W min (4 Ohm internal speaker)
500mW min (8 Ohm external speaker)
<10% THD

-15 to +35 deg C nominal
-30 to +60 deg C extreme
Designed to Mil Std 810 C procedures I, II
& V, D & E
IEC 529 IP54
EMC Directive 89/336/EEC May 89
EIA/TIA 603 (95%)

Accessories:

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

Batteries:



BTM100-01

Antennas:



CA2526

Chargers:



QPA-1185-3/2

Audio:



QPA-1186-3/2



HS100-01



HS100-06

Carrying:



MA100-01



NC100-02



LC100-02

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.