

# Radio communication specialists

## Maxon SL55 hand portable

- Voice privacy upgrades
- Meets military standards
- Simple operation
- Full scanning
- Rugged construction
- PC programmable CTCSS/DCS
- Moulded polycarbonate case
- Wide range of accessories

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

The SL55 is the professional solution to your communication needs.

A compact, robust radio in a moulded polycarbonate case, the SL55 meets demanding military standards. It's extremely robust and easy to operate in any environment: emergency situations, retail, warehouse or open air, with dust and water spray protection. Its high-capacity rechargeable battery pack gives good operational range and extended performance.

The SL55 offers 16 channels, flexible PC programming and CTCSS/DCS, channel spacing, output power and full scanning.

The **SL55** offers a security upgrade option, with voice privacy and selective calling features.



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

**maxon**  EUROPE

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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 Sensitivity

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): 136-162 MHz  
VHF (V2): 146-174 MHz  
UHF (U1): 400-430 MHz  
UHF (U2): 440-470 MHz

16  
12.5kHz, 20kHz, 25kHz  
(Programmable per channel)

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

<30mA Standby (muted) with  
battery save ON  
<65mA Standby (muted) with  
battery save OFF  
<500mA Unmuted with 100%  
AF power  
<2.4A Transmit@5W RF Output

>10.5 hrs @ 1W with 1200mAh  
battery pack  
Intermittent 90:5:5 (Standby: RX: TX)

450g with standard battery  
159(H) x 62(W) x 45(D)  
1-5W (Programmable hih/low)

UHF: Better than -117dBm  
VHF: Better than -118dBm  
450mW max (8 Ohm external speaker)  
800mW min <10% THD @1W 2ohm  
internal speaker

-15 to +35 deg C (nominal)  
-20 to +55 deg C (extreme)  
Approved 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:



MPA-1550

#### Antennas:



CA2507

#### Chargers:



CH650-01

#### Audio:



MA25-01



HS25-01



HS25-10

#### Carrying:



LC25-02



QPA-1496

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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.*