

# Radio communication specialists

## Maxon PM200/250 mobile

- 208 Channels with scanning
- RSSI (Receive Signal Strength Indicator)
- 5 Tone Selcall/DTMF/Enc/Dec/ANI
- SMS (Short Messaging Service)
- Emergency call (with mic live)
- Programmable function keys
- Radio to radio cloning
- Caller ID memory



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

The **Maxon PM200** (25Watt) and **PM250** (45Watt) are new editions to the range of Maxon professional two-way mobile radio's.

Continuing on from the successful PM100 range, these versatile radios provide users with reliable communications, adaptable for many applications and budgets.

The large 208 channel capacity allows for complex programming requirements whilst its data capability is ideal for the transfer of SMS messages, and other forms of data, for mobile communications.

**Full 5 tone and DTMF signaling allows the operator to selectively call individual users. The emergency calling feature is especially suitable for lone workers with the stun/revive feature adding a security option for radio system controllers, should a unit be stolen.**

**The PM250 (45watt) is available for use outside of the U.K. only.**

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

**maxoncic** EUROPE

*Maxon PM200/250 mobile*

# Maxon PM200/250 mobile

## Technical specifications



### GENERAL

Performance Specifications

CE 0678 ⓘ

#### PM200

R&TTE Directive 1999/5/EC  
ETSI EN 300 086-1/-2;  
In process ETSI EN 300 219-2  
In process ETSI EN 300 113-2

#### PM200 PM250

Frequency coverage

UHF 440.000 – 480.000 MHz  
VHF 148.000 – 174.000 MHz

Number of Channels

208 Channels

Channel Spacing

12.5kHz, / 25kHz (programmable per channel)

Operation

Simplex, Half Duplex

Antenna Impedance

50 Ohm

Signaling

CCTSS/DCS/DTMF (encode/decode)

Power Supply

13.8V dc nominal

Current Consumption OFF

<10µA  
<140mA Standby (muted) with battery save ON  
<350mA Un-muted with 25% AF power  
<450mA Un-muted with 50% AF power  
<1000mA Un-muted with 100% AF power  
<2.0A Transmit @ 2W RF output  
<7.0A Transmit @ 25W RF output

Weight

1.44kgs

Physical Dimensions

175(W)mm x 158(D)mm x 48(H)mm

RF Output Power

**PM200** 2-25W nominal (+/-10%)  
**PM250** 5-45W nominal (+/-10%)

Receiver Sensitivity

12dB SINAD nominal  
UHF: Better than -117dBm  
VHF: Better than -118dBm

Audio Power

4W (Internal 16Ω speaker)

### ENVIRONMENTAL

Operating Temperature Range:

-15°C to +35°C (nominal)  
-20°C to +55°C (extreme)

Humidity

EIA/TIA 603 (95%)

Robustness

Designed to Mil-Std-810

EMC

EMC Directive 89/336/EEC;  
ETSI EN 301 489-1/-5

Safety

LV Directive 73/23/EEC;  
EN 60950-01

Automotive Approval

72/245/EEC as last amended by  
2004/104/EC;  
e11\*72/245\*2004/104\*3699\*00

### Accessories:

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

#### Power:



MS2600-3/2

#### Audio:



DM200-01



MA200-01



MA200-02



HFK100-01



FSXX-01

