

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 (25 Watt) and PM250 (45 Watt) are new additions 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 it's data capability is ideal for the transfer of SMS messages and other forms of data, for all of your mobile communication requirements.

Full 5 tone and DTMF signalling 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 the unit be stolen.

Please note that the PM250 model is not approved for use within the E.U.

Maxon PM200/250 mobile Technical specifications



GENERAL

Performance Specifications	PM200 R&TTE Directive 1999/5/EC ETSI EN 300 086- 1/ -2; ETSI EN 300 219-2
PM200 & PM250 Frequency Coverage	UHF 440.000 – 480.000MHz VHF 148.000 – 174.000MHz
Number of Channels	208 Channels
Channel Spacing	12.5kHz / 25kHz (programmable)
Operation	Simplex, Half Duplex
Antenna Impedance	50 Ohm
Signalling	CTCSS/DCS/DTMF (encode/decode)
Power Supply	13.8V (dc nominal)
Current Consumption	<10 μ A <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 then -117dB VHF: Better than -118dB
Audio Power	4W (internal 160hm speaker)

ENVIRONMENTAL

Operating Temperature	-15°C to +35°C (nominal)
Range	-30°C to +60°C (extreme)
Humidity	EIA/TIA 603 (95%)
Robustness	Designed to Mil-Std 810
EMC	EMC Directive 89/336/EEC ETSI EN 301 489 -1/ -2
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

Figures above are typical and measured under nominal 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 prior notice.

ACCESSORIES

A range of accessories are available for the PM200/250 including:

Audio:

- MA-200-01 Heavy Duty Microphone
- MA-200-03 Standrad Microphone
- MB-200-01 Desk Top Microphone
- HFK200-01 Hands Free Kit
- FSXX-01 Foot Switch

Power Supply:

- MS2600 12v/24v Power Supply

Please contact us for details of the full list of available accessories.

Standard Package Includes:

- PM200 (or PM250) Mobile Radio
- MA-200-01 Microphone
- Fitting Kit (inc. mounting bracket, power lead and screws)
- Multi Language User Manual

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