maxonclc **EUROPE**

PM200/PM250
User Manual

maxon

Table of Contents

maxon EUROPE

Specification

About Your PM200 Radio
Maxon's PM200 Series radio features 208 channels. Operation and functions of these radios are outlined in this manual.

We urge you to thoroughly read this manual before operating the radio

The application of some of the functions described in this manual is determined by the system you use. Your Maxon Dealer will program your radio so that you have the greatest number of functions possible relative to your needs.

Performance Specifications	R&TTE Directive 1999/5/EC ETSI EN 300 086-1/-2 EMC Directive 89/336/EEC ETSI EN 301 489-1/-5 LV Directive 73/23/EEC EN 60950-1 72/245 EC as assembled by 2004/104/EC
Frequency coverage	(UHF) 440.000 – 480.000MHz (VHF) 148.000 – 174.000MHz
Channel Spacing	12.5 kHz, / 25 kHz (12.5 / 25 kHz switchable by CPU control)
RF Output Power PM200 **RF Output Power PM250**	2W - 25W nominal (+/-20%) 5W - 45W nominal (+/-20%)
Modulation Type	F3E/G3E
Audio Power	4W (Internal 16 Ω speaker)
Intermediate Frequencies	45.1MHz First I.F. 455 kHz Second I.F.
Number of Channels	208 Channels
Frequency Source	PLL Synthesiser
Frequency Stability	+/- 2.5ppm
Power Supply	13.8Vdc nominal 10.8Vdc minimum (extreme) 15.6Vdc maximum (extreme)
Current Consumption	OFF <10µA Standby (muted) <140mA Unmuted with 25% AF power <350mA Unmuted with 50% AF power <450mA Unmuted with 100% AF power <1000mA Transmit @ 2W RF output <2.0A Transmit @ 25W RF output <7.0A

maxon EUROPE

English

Safety Information

1. WARNING! NEVER connect the transceiver to an AC outlet. This may pose a fire hazard or result in an electric shock.

2. NEVER operate the radio transmitter without a suitable artificial load or antenna connected.

3. NEVER connect the transceiver to a power source of more than 16V DC such as a 24V battery.

4. NEVER cut the DC power cable between the DC Plug and fuse holder. If an incorrect connection is made after cutting, the transceiver may be damaged.

5. NEVER place the transceiver where normal operation of the vehicle may be hindered or where it could cause bodily injury.

6. NEVER expose the transceiver to rain, snow or any liquids.

7. NEVER modify a radio or accessory except as instructed in the service manual, engineering bulletins or formal communication as this may invalidate any warranty, guarantee or type approval.

8. USE the supplied microphone only. Other microphones have different pin assignments and may damage the transceiver.   (ACC-700, optional DTMF MIC. ACC-703)

9. DO NOT use or place the transceiver in areas with temperatures below -30°C or above +60°C in areas subject to direct sunlight, such as the dashboard.

10. AVOID operating the transceiver without running the vehicle's engine. The vehicle's battery will quickly run out if the transceiver transmits while the vehicle's engine is OFF.

11. AVOID placing the transceiver in excessively dusty environments.

12. AVOID the use of chemical agents such as benzene or alcohol when cleaning, as they damage the transceiver surfaces.

13. BE CAREFUL! The transceiver will become hot when operating continuously for long periods.

14. DO NOT operate this equipment in environments containing explosive materials or vapors.

maxon EUROPE

Warnings

Unpacking Information

Remove and carefully inspect the contents of your package(s) for the following items:

1. PM200 Transceiver
2. Microphone
3. Installation kit
4. User Manual

* If any items are missing, please contact your Dealer

PM200 + Microphone
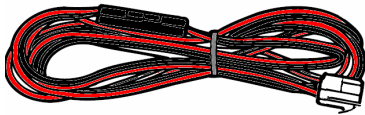
Power lead with 10 amp fuse

Installation kit

1. 1 x Fixing bracket
2. 1 x Microphone bracket
3. 2 x Thumb wheel screws
4. 2 x M3 x 6mm Mic bracket Screw
5. 2 x M5 x 11mm fixing screws
6. 2 x M3 Washers
7. 2 x M5 Washers
8. 2 x M3 Spring Washers
9. 2 x M5 Spring Washers
10. 4 x Rubber feet

maxon cic EUROPE

English

PM200 Features & Description

- 2W or 25W Programmable output power
- 208 Programmable Channels
- D-SUB 15Pin Data Connector
- Programmable 12.5 /25 KHz Channel Spacing
- Channel Scan
- Priority Channel Scan
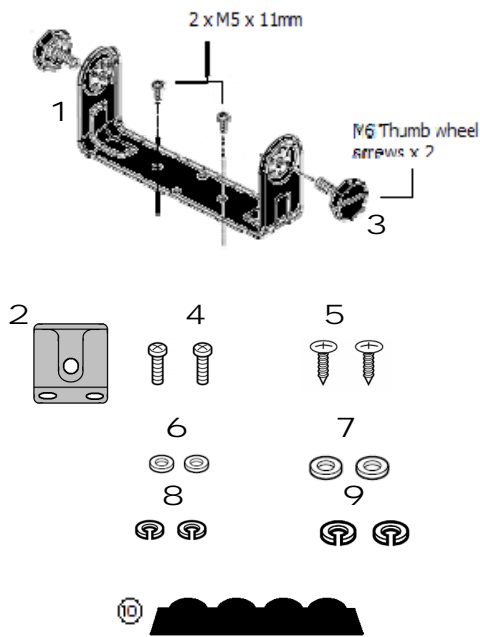- Look Back Channel
- Scan List Edit
- Priority Channel Edit
- CTCSS/DCS/DTMF tone signalling
- Busy Channel Lock-out
- Mark Idle
- Time out timer
- Public Address
- SELCALL
- Stun and Revive
- Covert Mode
- ANI
- SELCALL Messaging
- Acknowledge
- Key Lock
- Start up Definable Logo
- Auto Mute
- Back Light Display
- SMS
- DTMF
- HOOK Switch

Product Description

The PM200/250 is a fully featured mobile radio that has been developed for the European market. The PM200/250 is a DTMF, Selcall and SMS mobile radio with a 208-channel capability. The radio is programmable for output power, channel spacing, and a range of other features.

The PM200 mobile radios are packed full of sophisticated user and system features which allow the radios to be tailored to meet the requirements of most radio networks today.
All the features described are made available thanks to the latest reliable, but functionally rich, software that controls each PM200 mobile. This means that all features described are available without the need to fit expensive and time consuming option boards.
Most of the features or options described are activated in the radio as programmable parameters; please contact your dealer for full details on these options.
The PM200 is a DTMF, SECALL and SMS mobile radio with 208-channel capability. The radio is programmable for output power, channel spacing, and a range of features. The three buttons located on the bottom left-hand side of the radio under the LCD, are described as programmable. These three buttons (P1, P2, and P3) have a short and long press and can be used for various pre- programmed features, Monitor, Power H/L, Scan, DTMF, Key lock, Selcall, Scan, Public Address, Open Close, 1200/2400, SMS and Light. The range does conform to R+TTE Directive. The unit meets the R+TTE Directive ETS 300.086 2001.

Feature List

maxon cic EUROPE

Front and Rear panels

Front panel layout
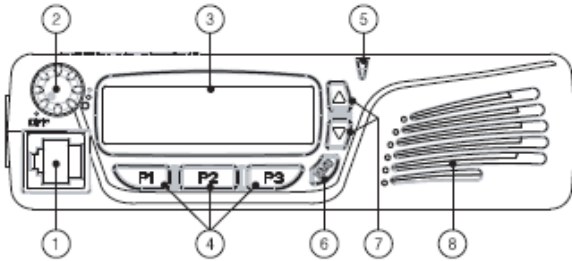
1.) RJ45 Microphone Socket

2.) On/Off Volume Control

3.) Alpha Numeric LCD

4.) **(P1-P3)** Programmable Keys

5.) Status LED

6.) Emergency Key (Orange)

7.) Up/Down Channel/Menu Keys

8.) Internal Speaker

Rear panel layout
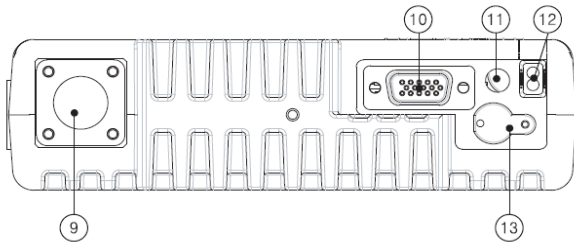
9.) BNC Antenna Connector

10.) 15 way D-type (programming/cloning)

11.) GPS antenna port (Optional)

12.) DC power lead

13.) Accessory Socket

maxon clc EUROPE

Front and Rear descriptions

1. Microphone socket
Connect the supplied microphone or optional DTMF/Heavy Duty microphone.
NEVER connect non-specified microphones the pin assignments may be different and
the transceiver may be damaged.

2. Volume control switch
To turn the radio ON and OFF, rotate the knob clockwise ON and anticlockwise to turn OFF.
Rotate the knob to adjust the audio output level up and down.

3. LCD Display
Displays a variety of information such as an operating channel number, SELCALL Number,
DTMF number and Volume level, etc. NOTE: The above functions depend on programming.
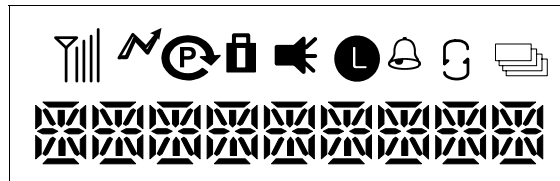
4. Dealer programmable keys (P1) to (P3)
 Desired functions can be programmed independently by your dealer.

5. LED Indicator
Indicates radio condition from LED colour (see status and indicator and alert tones in
section 6.)

6. Emergency key
Transmits emergency call

7. Up/Down keys
Push to select the operating channel.

8. Internal Speaker
Note: Internal and external speakers can be switched by holding in the P1 and P3 buttons
during radio switch on. The display will indicate which state the radio is in.

Rear View description
9. BNC Antenna connector
Connects to an antenna. Contact your dealer about antenna selection and placement.

10. D-SUB 15Pin Connector
Connect DB-9 and DB-15 connector of PK-PM200/250-01 to the PC and radio for
programming.

11. External Speaker Jack
Connect an 8 - 16Ω external speaker, if desired

12. GPS Antenna Tube
Space for a GPS antenna and internal connectors have been included for customer
applications.

13. DC Power Receptacle
Connects to a 12V Dc battery 13.8Vdc nominal 10.8Vdc minimum (extreme) 15.6Vdc
maximum (extreme).

LCD Display
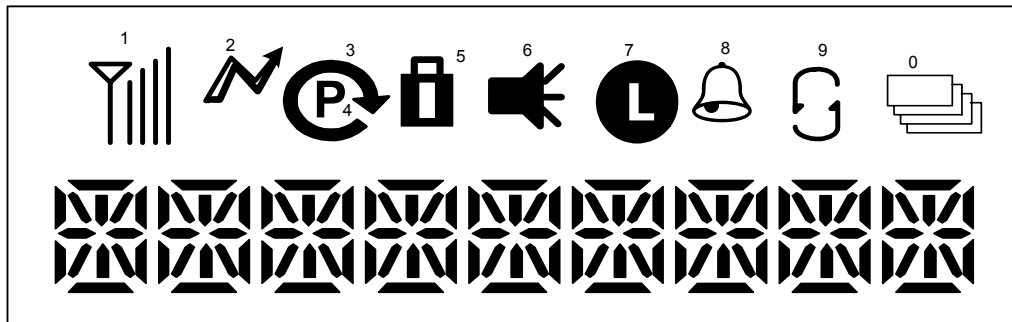
1.) Signal strength indicator: Indicates relative signal strength level.

2.) TX Indicator: Appears while transmitting.

3.) Scan Indicator: Appears at the scan Channel.

4.) P Scan Indicator: Appears at the Priority scan Channel.

5.) Key Lock Indicator: Appears when the key lock function is on.

6.) Speaker Indicator: Appears when in the monitor mode.

7.) Low Power Indicator: Appears when low output power is selected.

8.) Selcall Detect Indicator: Appears when the selcall code is received.

9.) Currently not used.

10.) Currently not used.

The LCD can display Alpha numeric characters and can be scrolled using the programmerable (P1) – (P3) keys. Short message service Text can be sent and displayed by the PM200. Selcall numeric codes stun and revive and error messages can also be displayed.

Basic Radio 0peration

Before beginning operation of the product please insure installation has been carried out by a qualified engineer. Make sure connections power, antenna and microphone have been fitted correctly

On/Off Volume Control
Turn the radio on by rotating the off/on/volume control clockwise. You will hear a click and (if

enabled via dealer programming), the radio's self-test alert tones. Increase the radio volume by

continuing the clockwise rotation.

To turn the radio off, rotate the control anti-clockwise until a click is heard.

Channels
The PM200/250 Series radio can store up to 208 channels within the same frequency band. These

channels can be selected by using the ▼▲ (up/down) keys. The channels can all be programmed

using the PM200/250 programmer.

Output Power
Each channel can be programmed via the PC programmer to a high-power output of 25 Watts,

and a low-power output of 2 Watts. The power can be switched by the user High / Low by

pressing pre-programmed power key (P1-P3).

Beep On/Off Mode
All Beep tones can be globally enabled or disabled via the PC programmer.

Public Address
When selected and external speaker is attached, the radio will output voice audio over the

external speaker. The radio does not TX a carrier in this mode. P/A will be shown in display when

selected. When active allows operator to enable an external speaker and transmit microphone

audio only.

Internal Speaker and External Audio Switch
The internal speaker and external accessory socket can be manually switched by the user. This

can be changed by the PC programmer. With the radio switched off hold in programmable keys

P1 and P3, Switch radio on. Display will read either External or Internal.

Microphone Hook
This is a PC programmable function. Turned OFF, the user is not required to ground microphone

button on to the Mic hanger. All decode and scan functions remain the same. Turned ON, the

user is required to ground the microphone hook. When microphone is removed from ground all

tone decode functions are disabled, scan functions are programmable as on or off with

microphone removed from hook. Default is off with scan disabled.

Squelch Options
The radio supports 3 kinds of Squelch options. A different Squelch option can be applied to each channel. Sub Audible Tone (SAT) codes are made up from frequencies which are below 300Hz. These frequencies are lower than the voice audio band. The two most common forms of SAT codes are CTCSS, Continuous Tone Coded Squelch System, and DCS, Digitally Coded Squelch.

CTCSS / DCS information may be added to speech during transmission. A receiving radio can then be programmed to behave according to which tones or codes are being sent by a transmitting radio.

The PM200/250 radios are capable of generating all 38 standard CTCSS tones and can also generate the 83 standard DCS codes and 83 inverted DCS codes.

CTCSS

38 kinds of TIA/EIA Standard CTCSS tones can be set up. All tones can be set up using the PC Programmer.

TX Operation: If PTT key is pressed, the radio transmits a programmed CTCSS tone.

RX Operation: If CTCSS tone is detected, the radio status is changed from Busy to Correct Call. If the CTCSS Tone is not detected, the radio would stay in busy mode or change from Correct Call to Busy mode.

DCS

The radio supports 83 kinds of TIA/EIA Normal/Inverted DCS codes.

TX Operation: If PTT key is pressed, the radio transmits a pre-programmed DCS Bit pattern.

RX Operation: If DCS Data Stream is detected, the radio status will change from busy mode to Correct Call. If DCS Data Stream is not detected, the radio will stay in busy mode or be changed from Correct Call back to busy mode.

Squelch Defeat (Monitor) operation
Pressing the monitor key will open the squelch and switch on the loudspeaker. Everything on the channel, including FM noise, will be heard.

It is possible to disable the monitor key via the programmer, to prevent a user openly monitoring a channel in a closed user group system.

When using CTCSS or DCS controlled squelch, several user groups may use the same RF channel without overhearing the other groups. It is common practice to allow users to listen to a channel before placing a call. This allows the user to check they are not going to transmit over a conversation from another user group.

This allows more efficient use of the RF channels available.

Page 11

Muting Options
The radio is programmable with different muting options: These options are associated with various Selcall functions. Please check with your dealer for full programmable options.

Power up: OPEN - the radio is powered up in Monitor Open mode, (Speaker On).

CLOSE - the radio is powered up in Monitor Closed mode. (Speaker Quiet).

Auto Mute: Enabled, the radio automatically returns to its quiet state after a period of inactivity (see timer below). Disabled the radio remains in its open mode until it is manually put into its quiet state (depending on programming).

Timer: This is the length of time of inactivity after which the radio returns to its quiet state.

PTT Timer
The PTT Timer can be set from 0 – 990 seconds with 10 second increments, which is the allowed time for a sustained transmission.

TX Inhibit
TX inhibit does not allow a transmission for a set programmed time after the PTT timer has expired, to allow a cool off period for the transmitter. The settings are from 0 – 75 seconds in 5 sec. increments.

TX Delay
TX delay eliminates squelch tails associated with CTCSS tone transmissions, by removing the CTCSS tone from the end of a transmission for an approximate 200ms before the carrier is dropped.

Busy Channel Lockout
The radio has several inhibit functions which restrict transmission under the following conditions:

Busy Channel Lockout – ON: upon PTT being pressed, if carrier is present, the radio will not transmit and an audible alert tone will be heard.

Busy Channel Lockout – OFF: upon PTT being pressed, the radio transmits regardless of the presence of carrier.

Marked Idle
Marked Idle enabled: can only be enabled if Busy Channel Lockout is ON. If the Busy Channel Lockout is on and carrier is detected, the radio shall be permitted to transmit if the RX squelch option is valid.

Marked Idle disabled: eliminates Marked Idle and defaults back to 'Busy Channel Lockout'.

PTT Lockout
The radio can control the PTT action in three ways according to radio busy status.

Off: Allows PTT to operate regardless, whether the radio is in an open state (monitor open) or not, and does not change the state of the radio.

Auto Open: 'Auto Open' opens the monitor of the radio after pressing PTT.

Basic Radio Operation

Lock PTT: 'Lock PTT' prevents the keying of PTT unless the radio is open

Display Logo
On start-up the display gives a welcome message, this can be programmed up to 9 characters long.

Power up Alert
Power up Alert can be globally disabled / enabled via the PC programmer.

Scanning
This feature will support three different scanning types. Dealer programming enables the required scan type.

Normal Scan

Priority Scan

Priority Look-back

The user activates scanning by a short press on the Pre-programmed Scan button, once the radio has enabled scan, it will traverse through the pre-programmed scan list. The time spent on receiving a channel in the scan list is referred to as the Scan Speed Time (programmable from 0.05sec to 2.0sec in 0.01sec increments). When an incoming call is detected and decoded, scanning stops and the radio will un-mute. After the call has ended, the radio enters Scan Delay / Wait Time Mode for a pre-programmed period of time (0 to 15 seconds in 1-second increments). If the radio receives a call from the same caller before the Scan Delay expires, the radio will re-enter the Scan Delay Mode and that period of time will reset. If the user is permitted to respond to the caller, the Scan Delay will be reset. When the Scan delay expires, the radio resumes scanning.

Normal Scan
Any number of channels can be entered into the scan list. This will be equal to or less than the number of programmed channels. The flashing green LED will stop when 'CARRIER' or 'CARRIER AND CORRECT TONE' is detected. During scan delay, the LED shall remain clear. When Scan Delay expires and Scan Speed resumes, the LED shall also resume flashing green.

Priority Scan
A priority channel can be allocated using the PM200/250 programmer. The priority channel will be part of the list of channels that make up the scan list. The priority channel when used with other scanned channels will operate as follows: **P1→S1→P1→S2→P1→S3→P1→S4→P1**, etc.

Priority Look Back Scan
One channel can be programmed by the dealer to be the Priority channel, which will enable 'Look-Back'. Pressing the Scan button shall activate Priority Look-Back. The Priority Look-Back causes the radio to periodically 'Look-Back' to the priority channel for the presence of a carrier regardless of the channel that the user may be on. The frequency that the radio will 'Look-Back'

to the priority channel can be programmed between 1 to 7 seconds in 1-second increments. When carrier, or carrier and tone, are removed, the radio will revert back to the previously selected channel.

Transmitting During Scanning
The radio can be set to behave in a number of ways when the PTT is pressed during Scan.

Priority Scan TX – The radio can be set to transmit on the channel on which activity has been detected -OR- transmit on the priority channel if scanning is still active.

Priority Only TX – If scanning, or listening to an active channel, and the PTT button is pressed, the radio will only transmit on the priority channel. No other transmit conditions will be permitted. If transmission is attempted, a warning tone will be sounded.

RX only, No TX – No transmissions allowed during scanning. If transmission is attempted a warning tone will be sounded.

Normal Scan TX – Radio will only transmit on a stopped channel i.e. to return a call. Attempting to transmit during scanning will cause a warning alert.

Scan Channel Delete
Pressing the "▼" down key (when in scan mode and stopped on the channel) will temporarily delete the channel from the scan list. This shall remove that channel from the scan list until the channel is changed or the radio's power is reset. When power is restored or the scan list channel position is selected again, the originally programmed scan list shall be activated.

Group Scan Edit Mode
You can edit your pre-programmed Group Scan List by adding or deleting Channels from the Group Scan List. To activate scan list editing, press and hold the **P1** button on the front of the radio and turn volume on the radio. Upon entering the scan list edit function, the LCD displays the "Scan Edit" message. To exit the scan list edit function, turn volume off the radio.

1. Select the Scan Group

Each Scan Group would be displayed as **"xx_nnn"** '**xx**' means group, and '**nnn**' means Channel. To activate scan list editing for selected group, press the **P1** button. You can change the Scan Group Number by using the up or down button.

2. Adding or Deleting to Scan List

If each channel is in the 'Scan Editable List', Channel Number would display Scan Icon, to add or delete each channel to Scan Editable List, use **P2** button.

Priority Scan Channel Edit
Priority Channel can be setup by PC programmer. Priority Scan List is also editable by the radio. It is called 'Priority Channel Edit Mode'. Turn on the radio by pressing the **P2** button, the radio enters Priority Channel Edit Mode. In the Priority Edit Mode, the LCD displays the "PscanEdit" message.

maxon EUROPE

1. Select the Priority Group

Each Scan Group displays **"xx_nnn"** '**xx**' means the current Group and '**nnn**' means the channel. To activate P scan list editing for selected Priority group, press the **P1** button. You can change the Priority Group Number by using the up or down button.

2. Adding or Deleting to P Scan List

If each Channel is included in P Scan Editable List, the Channel Number would display "**Pscan**" Icon. To add or delete channel from P Scan Editable List, use **P2** button.

Basic programmable features

Function Keys
There are six push-buttons on the face of the PM200/250; Up / Down (▼▲), P1, P2, P3 and Emergency, below are the default programming settings.

Up/Down Keys (▼▲)
These buttons allow the operator to scroll up/down through the available channels. A short press-and-release of this button will increase/decrease the channel number. A press-and-hold will scroll through the channel numbers.

Select pre-programmed Selcall mode via (P1-P3). Use ▼▲ to select the correct selcall function.

Select pre-programmed DTMF mode via (P1-P3). Use ▼▲ to select the correct DTMF number.

Select pre-programmed SMS mode via (P1-P3). Use ▼▲ to select the correct SMS number.

Programmable Function Keys
The following functions can be assigned to [P1] [P2] [P3] programmable function keys. These are located on the bottom left of the radio. Each button has a short and long press giving a total of six button assignments.

Power key
Press to toggle the transmit Output power between High and Low.

Each channel can be programmed via the PC programmer to be high or low power. The power can also be changed by the user to high-power output of 25 Watts, and a low-power output of 2 Watt.

Light Key
Press to toggle the **Auto mode, Light Off or Light On** mode.

Auto Mode: In this mode the light will automatically come on for 5 seconds after a button press

Off Mode: Light will remain off permanently.

On Mode: Light will remain on permanently.

Monitor Key
By pressing the Monitor button, the user shall defeat the programmed squelch operation and un-mute the speaker on the selected channel.

Lock Key
Select the pre-programmed Function Key (P1-P3). This function can disable all keys except PTT, Emergency Key.

Scan Key
Press the pre-programmed Function Key (P1-P3) to start and cancel the scanning operation. (Please refer to the Scanning section)

Public address Key
User selectable On/Off. When selected and the external speaker is attached, the radio will output voice audio over the external speaker. Please note that the PM200 will not transmit an RF carrier in this mode.

Open/Close Key
Press to toggle the radio status Open or Close mode. When pressed to open, Selcall will be defeated.

Selcall Key
Select the pre-programmed Function Key (P1-P3) to enter the Selcall selection mode.

Set the correct Selcall feature using ▼▲, from the following options – ANI, RECEIVED and CALL 1-3

Select the pre-programmed Selcall Key (P1-P3) to transmit the selcall code or to read received messages.

SMS Key
Select the pre-programmed Function Key (P1-P3) to enter the SMS selection mode.   Set the correct SMS text message using ▼▲

Press the pre-programmed SMS Key (P1-P3) to transmit the SMS text.

1200/2400 bps Key
Press the pre-programmed Function Key (P1-P3) to toggle between the SMS baud rate 1200 bps and 2400 bps,   using the▼▲ keys.

DTMF Key
Select the pre-programmed Function Key (P1-P3) to enter the DTMF selection mode.

Set the correct DTMF using the ▼▲ Keys

Press the pre-programmed DTMF Key (P1-P3) to transmit the DTMF code.

Group Key
Select the pre-programmed Function Key (P1-P3) to enter the group selection mode.

Set the desired group using the ▼▲ keys.

maxon **cic** **EUROPE**

Press the programmed key to select the group number.

Emergency Key
When the orange emergency key is pressed, a pre-programmed sequence or set of sequences is

transmitted. Up to three sequences can be attached to the emergency key. (Please see Selcall

section).

maxon **EUROPE**

Status and Error Messages

Your PM200 radio has a sophisticated microprocessor control, which provides a range of audible alert tones. Upon each power-up, a quick melody indicates that the self-test of the microprocessor functions has been completed. A sequence of audible tones may be sounded with any of the following conditions:
• Attempt to transmit on a channel set for receive only
• Attempt to transmit on a channel that is already in use when busy channel lockout has been programmed into the radio.
• Transmitting time has exceeded time-out timer programmed length.
• Selecting a channel with no programmed frequency.
• TX inhibit is in operation.

Description	Status tones and Messages	
	PM250/200	Audible Tone
Power On	Model and Software version displayed.	Five Beeps
Button		Single Beep
Busy		Yellow
Correct Call		Green
Transmit		Red
In Scan Mode		Green Led Blinking
Scan Delete	"delete"	Single Beep
Scan All Delete	" All del"	Single Beeps
Transmit Inhibit In Scanning	" Inhibit"	Two Beeps
Receive Only-No TX	" RX only"	Two Beeps
Time-Out-Timer	" tot "	Two Beeps
Penalty	" Penalty "	Two Beeps
Penalty End		Single Beep
Busy Channel Lock Out	" bLock out"	Two Beeps
Eprom Error	" Eprom Err "	Two Beeps
Out of Lock Error	" unLock "	Two beeps
Pc Program Read	"Prog- r "	Red blinking
Pc Program Write	"Prog-w "	Green Blinking
Volume level	VOL XX	
Clone Master	"Master"	Red blinking
Clone Slave	"Slave"	Green Blinking
Clone end	"Turn OFF"	

maxon clc EUROPE

English

Service Information

Service
Do not tamper with internal adjustments as this may cause damage to the equipment and will invalidate the warranty.
There are no user serviceable items inside the radio. It is recommended that you return your radio to a qualified Maxon dealer for any service or repairs.

Recycling/Disposal of Batteries
The battery should be recycled at the end of it's useful life. Under various state or local laws, such batteries must be recycled or disposed of properly and cannot be dumped in landfills or incinerators.
For further information on how to safely dispose of your used batteries, contact your Maxon Dealer.

Maintenance
Your PM200 Radio is designed to be maintenance free. To keep your radio in good working condition:
Clean external surfaces with a clean cloth dampened in a solution of dishwasher detergent diluted in water.
Apply the solution sparingly to avoid any moisture leaking into cracks and crevices. Do not submerge the radio.
Use a non-metallic brush to dislodge stubborn particles, if necessary.
Dry the surface thoroughly with a soft, lint free cloth.
DO NOT use solvents or spirits for cleaning – they may permanently damage the housing.
Clean the battery contacts on the back of the radio with a lint free cloth to remove dirt, grease, or other foreign material that may impede good electrical contact.

Limited Warranty
Maxon shall have no obligation to make repairs or to cause replacement required which result from normal wear and tear or necessitated in whole or in part by damage, fault or negligence of the user, improper or unauthorized alterations, repairs to the product, use of the product in a manner for which it was not designed, or by causes external to the Product. This warranty is void if the serial number is altered, defaced or removed.
Maxon's sole obligation hereunder shall be to repair or replace the product covered in the agreed warranty.

Service information

maxon **EUROPE**

PM200 Series

This product is marked with

$C\epsilon$ 0678 $\textcircled{\small !}$

in accordance with the Class II product requirement specified in the R&TTE Directive 1999/5/EC.

This equipment is intended for use in:-

Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

and requires authorisation (individual licence) for use.

We hereby declare that the above named product is in conformity to all the essential requirements of Directive 1999/5/EC.

Con la presente si dichiara che il prodotto sopra menzionato è conforme ai requisiti essenziali della Direttiva 1999/5/CE.

Declaramos que el producto mencionado más arriba cumple todos los requisitos esenciales de la Directiva 1999/5/CE.

Wir möchten hiermit bekanntgeben, daß das oben genannte Produkt in Übereinstimmung mit allen erforderlichen Bedürfnissen der 1999/5/EC Direktive seht

Nous déclarons que le produit référencé ci-dessus satisfait aux exigences
R&TTE 1999/5/EC qui lui sont applicables.

If you wish to see the whole Declaration of Conformity, please contact MaxonCIC
info@maxoncic.co.uk , sales@maxoncic.co.uk or telephone +44 014422267777

maxoncic **EUROPE**

maxon®

maxoncic EUROPE