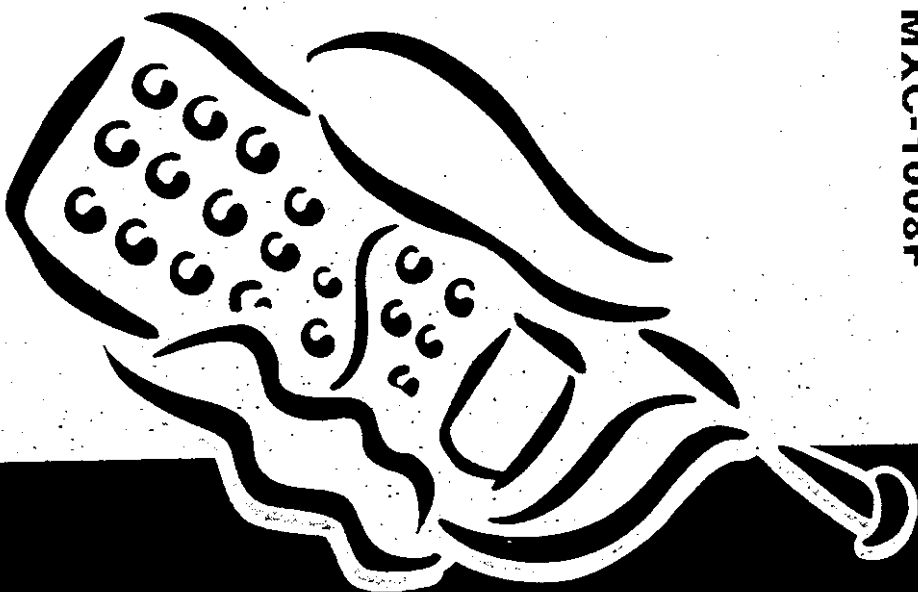APPENDIX 5

USER'S GUIDE

TWENTY-SEVEN (27) PAGE USER GUIDE FOLLOWS THIS SHEET

USER GUIDE
FCC ID: F3JMX1008

APPENDIX 5

maxon
MXC-1008F

- automatic digital/analog network mode

- 99 name and number memory

- 3 line, 48 character display

- easy to use feature menu

- supports voice mail alert and calling number identification

- call timer

- one - touch dialing

- any key answer

- side volume controls

- keypad lock

- scratch pad

- in call budget timer

- call list and missed call indicator

- own number display

- English SMS (short message service)

- DTMF tones

- dimensions 122 x 45 x 24.8

- fweight 159g

Contents
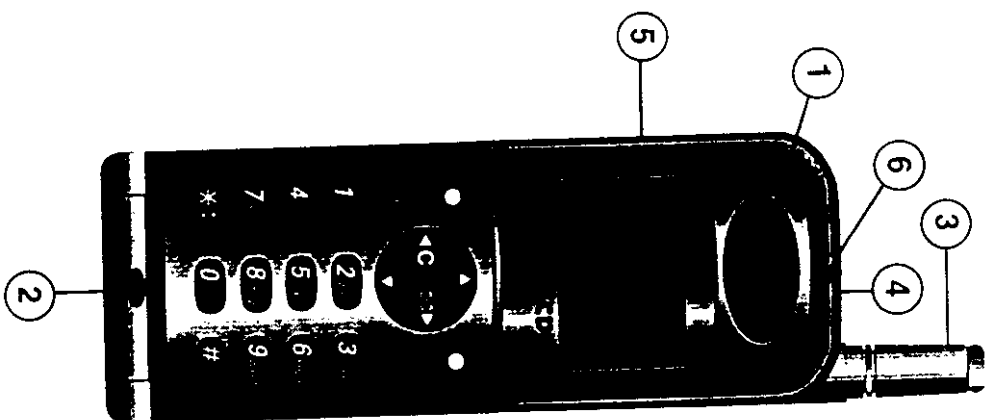
(Flip not shown for clarity)

Dial a displayed number

End a call and exit feature menu

Enter menus and character entry

[book] Recall stored and called numbers

Mail access key

Clear and entry or exit a feature

Upward search

Downward search

alert mode indicator

Analog mode indicator

Digital mode indicator

Battery power level

Signal strength

Mail Indicator

① Earpiece

② Microphone

③ Retractable antenna

④ Key press and ringer speaker

⑤ Volume adjustment and feature search

⑥ Visual Alert Indicator

1 2 3 4 5 6 7 8 9 10 11 12 13 14

ENGLISH

Introduction

Congratulations on choosing the Maxon MX-1008 dual network mobile phone.

The MX-1008 has been designed to operate on both the digital CDMA network and the analog AMPS network.

To help you understand the features of the MX-1008 and the networks, we have included a glossary of common terms in Section 12 of this guide and given information about the networks on pages 4.1 and 5.7.

Your mobile phone is intended for use with the supplied Li-ion rechargeable battery, charger and any of the approved accessories shown in section 13 of this user guide. Other usage will invalidate any approval given to this equipment and may be dangerous.

The MX-1008 conforms to IS-95A, IS-96A and IS-98 type approval for class 4 mobile phones.

Maxon Electronics reserve the right to make changes and improvements to any of the products described in this guide without prior notice.

Security

■ If your phone is lost or stolen you must report it to your network operator or service provider so that they can bar the phone from use.

■ This is important as you may be liable for the cost of unauthorized calls until the equipment is barred

■ When you ring the network operator or service provider they will need the serial number of the phone. This is printed on the label attached to the back of the phone under the battery. Copy the number into the box below for future reference

ESN : 197/

■ You can help prevent mobile phone crime by taking the following precautions:

- set the phone lock

- set call restrictions

- don't leave your phone visible in a vehicle when you leave it. Take the phone with you or lock it in the boot or glove compartment

Safety

Personal

■ operation of any radio equipment including mobile phones, may interfere with the function of inadequately shielded medical devices such as hearing aids and pacemakers. You must consult the manufacturer of the device or your physician before use

■ observe restrictions on the use of radio equipment in fuel depots, chemical plants, in areas where explosive gases are present or where blasting operations are in progress. Your mobile phone will continue to transmit call responses if left in stand-by mode. You must switch off when requested to do so

■ do not move the antenna close to, or touching any exposed part of the body when making a call, a damaged antenna may cause a minor burn

Mobile Phone Use

■ your mobile phone produces magnetic fields. Do not place next to magnetic storage media such as computer diskettes

■ operating your mobile phone close to other electrical equipment such as televisions, phones, radios and personal computers, may cause interference

■ do not expose your mobile phone to strong sunlight, direct heat or liquids (such as water)

Battery Use

■ do not short circuit the battery terminals. This will damage the battery, produce heat and may cause a fire

■ never dispose of batteries in a fire as this can cause them to explode. Return dead batteries to your supplier or an approved recycling centre. DO NOT dispose with household waste

WARNING: If the battery case breaks, avoid contact with the contents. Wash contaminated skin with lots of water and seek medical attention.

On the Road

■ before making or receiving calls acquaint yourself thoroughly with the applicable local laws and guidelines regarding the use of mobile radio telephones and observe them at all times

■ air safety bags, anti-lock brakes, speed control and fuel injection systems are normally immune to radio transmissions but if you experience problems, consult your vehicle dealer

■ switch off your mobile phone when refueling or where there are signs restricting the use of 2-way radio equipment. Do not store or carry flammable or explosive materials in the same compartment as your mobile phone, internal sparks could cause ignition

Inside Aircraft

■ switch off your mobile phone when in an aircraft. The use of mobile phones in an aircraft may be dangerous to the operation of the aircraft, disrupt the cellular network and is illegal

The Networks

Your phone can operate on two different cellular systems (networks) and will automatically switch between the two to provide you with the best service.

The Analog AMPS Network

■ This is the original cellular system for mobile phones which provides excellent call quality in areas of good coverage. However, at peak times and in high user areas, the network can become 'overloaded' and you may have to wait before you can get a 'line' to make calls. Dropped calls can also be a problem in hilly terrains and where there are a number of large structures.

The Digital CDMA Network

■ CDMA is a new system which takes advantage of digital technology to provide superior management of the available radio spectrum. Unlike analog and other digital systems, CDMA assigns a unique code to each call then spreads it across a wide segment of the cellular band, enabling a large number of calls to be transmitted at the same time. You are therefore more likely to make a successful call first time, there is less interference and all your conversations are encrypted to prevent 'eavesdropping'. CDMA also offers advanced features such as:

- text messaging

- digital paging

- caller number identifications

- low power transmission significantly increasing talk and stand-by times

- soft hand-off

Getting Started

Read this section before attempting to use your phone. It tells you how to attach, charge and care for the phone's battery. We have also included information about the wake-up and stand-by displays, how to turn the phone ON and OFF, and what to do if you are having difficulty in connecting to a network.

The Battery

Your phone can operate on two different cellular systems (networks) and will automatically switch between the two to provide you with the best service.FULLY CHARGE THE BATTERY. Failure to do this will affect the life of the battery and reduce operating times between recharges. Best battery performance will be achieved after fully charging and discharging the battery two or three times.

Attaching and Removing the Battery

■ to remove battery, switch the phone OFF, press the release catch in ① and slide battery downwards ②.

■ to fit place battery as shown ③ and slide upwards until the battery clicks into position.

Charging the Battery

■ place the phone in the front slot of the charger

■ plug the charger into the power supply. A filling battery symbol in the display indicates charging, also a red LED light on the charger indicates charging.

■ the battery is recharged when the symbol remains all black④ , this takes approximately 110 mins for the Standard Li-Ion battery or 180 mins for the optional Extended Li-Ion battery. It is normal for the battery, phone and charger to become warm during charging, a green LED light on the charger will indicate charging complete.

WARNING: Charge the battery in a well ventilated area between +5°C and +40°C using the supplied charger. The use of non approved chargers could result in a fire or injury through an electrical shock.
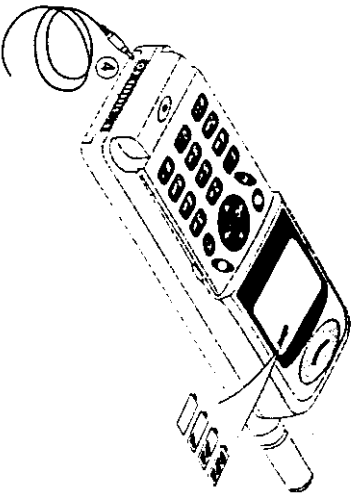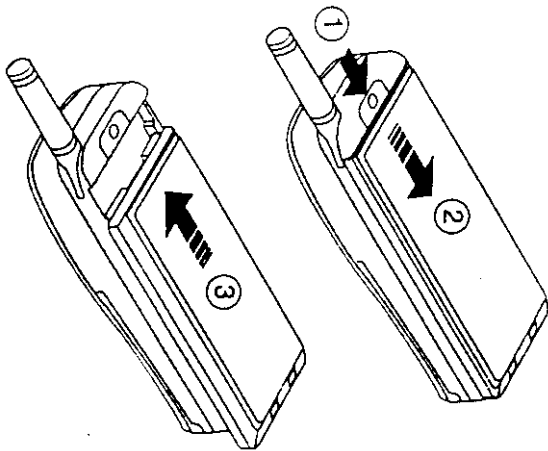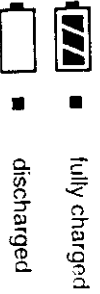
Battery Performance

Any quoted stand-by or talk times are subject to network conditions.

Battery Power Level

The battery power level is shown in the top right corner of the display when you switch the phone ON. Four levels are displayed from full (all black) to empty.

■   fully charged

■   discharged

The phone will automatically switch OFF shortly after the 'LOW BATTERY WARNING' appears on the display. If you are in a call, you'll hear a single beep to warn you when there is enough power left for one more minute of conversation.

Switching On and Off

When the phone is switched ON, the wake-up then the stand-by displays appear. The following pages explain the displayed messages and symbols.

Switching ON

■ hold ● until the backlight switches ON (you'll hear a beep if the key beep is active)

Wake-up Display

■ the wake-up display appears briefly after switching ON
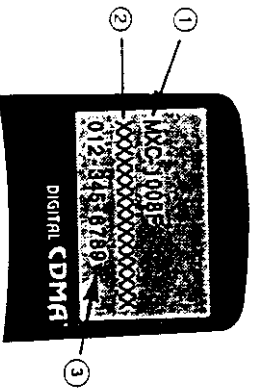
① **Banner** - you can change the top line message using the 'Banner' menu feature. Refer to Customizing for instructions

② **Network Name** - an abbreviation of your current network operator

③ **Mobile Number**

Stand-by Display

■ when the stand-by display appears the phone is ready to make and receive call subject to network coverage (see below). It also provides a starting point to enter the feature menu and phone book
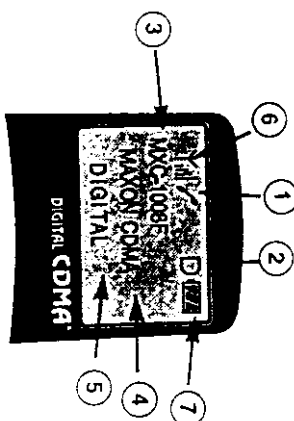
① **Service Indicator** - if not appears the ant icon, you are outside network coverage and cannot make or receive calls. Refer to Network Connection on page 5.7 for more details

② **Network Indicator** - if ' D ' icon appears you are connected to the CDMA network

③ **Banner** - this is the same message that appears on the wake-up display

④ Any of the following may be displayed:

Product Description - the message shown (above) appears at power ON when the phone is displayed until power is switched OFF, even if the phone switches to the AMPS network

Current Date and Time - appears when the phone connects to the CDMA network and remains displayed until power is switched OFF, even if the phone switches to the AMPS network.

'Ringer Off' - overwrites the date or product description when the incoming call ringer is switched OFF (silent)

⑤ Any of the following may be displayed

'DIGITAL' - part of the product description ('D' icon)

Current Date and Time - appears with Current Date and Time

'Auto Answer' - overwrites the time or product description when the phone is set to automatically answer incoming calls

⑥ **Signal Strength** - displayed as rising black bars in ANT icon (five bars for optimum call quality). Best reception is obtained with the ANTENNA FULLY EXTENDED

⑦ **Battery Power Level** - refer to page 5.3 for details

Switching OFF

■ press and hold ❶ until the screen clears (approximately 1.5 seconds)

■ the phone must be switched OFF before removing the battery

Power Save Mode

■ the phone has an automatic power save mode, press any key except ❶ to return to the stand-by display

Network Connection

The MX-1008 is initially programmed to search for the digital CDMA network each time it is switched ON. If you are in an area of poor CDMA coverage, it will automatically search for the analog AMPS network, enabling you to continue making and receiving calls.

Whilst connected to the AMPS network, the phone periodically searches for CDMA coverage and will switch networks as soon as there is sufficient signal strength.

In areas of known good coverage, you can lock the phone to either network, overwriting the automatic feature, although this is not recommended.

If you are having difficulties in making or receiving calls it could be because the phone is locked to a network with poor coverage in your present location.

■ to check for the preferred ' CDMA then Analog' setting

O[menu] ■ **3** ■ **1** (check) ■ **O** [ok]

■ to change settings

O [menu] ■ **3** ■ **1** ■ ◆ / ◆ (select)or **O** [next]

■ **O** [ok]

Calls

After setting up the phone and understanding the stand-by display, you'll want to make and receive calls. This section gives you all the basic information you will need.

Making Calls	**6.1**
Manual Calls	6.1
Last Number Redial	6.1
Auto Entry	6.1
Call List	6.2
Privacy Mode	6.2
Emergency Calls	**6.3**
Answering Calls	**6.4**
Auto Call Answering	6.4
Missed Calls	6.4
In Call Features	**6.5**
Earpiece Volume	6.5
Voice Mute	6.5
Scratch Pad	6.5
Call Hold	6.5
Call Waiting	6.5

Making Calls

Before making a call, FULLY EXTEND THE ANTENNA then check the stand-by screen for signal strength. If not appears Ant Icon in the top left corner of the display, you cannot make or receive calls.

Call quality can be affected by physical obstructions, so moving only a few metres may significantly improve signal strength.

Manual Calls
- if the country you are operating in uses area codes, they must be included even when making local calls.
- Hyphens are automatically inserted (refer to section 7.2) to make the number easier to read and conform to telephone number patterns used in some countries. Use the [icon] to clear an error.

AREA CODE (if used) ▪ NUMBER ▪ [icon]

'PHONE Icon' appears during dialing and the call time is displayed on connection

- to hang up at the end of the call press

Last Number Redial
- press [icon] to recall the last number dialed, if correct,
- press [icon] again to dial the number.

Auto Retry
- the phone can be set to make up to 5 redial attempts of an engaged (busy) number at a specified time delay between each retry. A tone sounds at each redial and when the call is connected

O [menu] ▪ 7 ▪ 2 ▪ O [next]or ▲/◆ ▪ O [ok]

- to stop re-dialing at any time press [icon]

Call List
- calls made, received and scratch pad numbers are stored in a list with the last entered number appearing at the top. Old numbers are automatically deleted when the list is full (10 entries)
- to recall the list and view number details

O [book] ▪ O [call]/[latest] ▪ ▲/◆ (search) ▪ O [view]

- each number is identified by its type when viewed
CALLED BY - Incoming call number if available(refer to section 10 details)

CALL TO - Outgoing dialed number
ADDED - number entered during a call (refer to scratch pad page 6.5)
MISSED - missed (unanswered) incoming call if number available (refer to section 10 for details)

- to dial a displayed number on the list press SEND
- to copy a displayed number into the phone book press save then follow the normal store procedure, (refer to section 9)
- to clear the list, refer to the Clear Calls feature (Security menu) in section 8

Please refer to section 9 for instructions on how to dial numbers stored in the phone book.

Privacy Mode
- if supported by your service provider, this feature will further encrypt calls made on the CDMA network (when 'Enhanced 'selected)

O [menu] ▪ 7 ▪ 7 ▪ O [next]or ▲/◆ ▪ O [ok]

Emergency Calls

- your national emergency services numbers are stored in a special memory in the phone to enable the calls to be made even when the phone is locked or the restrict feature is set.

- ignore any phone locked or restricted messages and dial as normal. The call should be successful if you are within network coverage and there is sufficient signal strength

EMERGENCY NUMBER ■ **9** ■ **1** ■ **1** ■ **🔘**

for example, ■ **9** ■ **1** ■ **1** ■ **🔘**

- if the keypad is locked, press menu ' 0 to enable dialing

Answering Calls

- when an incoming call is received, the phone rings, visual alert LED flashes, the backlight switches ON, Incoming Call 'appears on the display and vibrator (if fitted and enabled) intermittently turns on.

- to answer the call, fully extend the antenna for best performance then press 🔺/🔻 and open to **Flip**

- to reject the call press 🔘 or close to **Flip**

- during the ring tone, the callers number and name may be displayed if supported by the network (refer section 10 for details)

- to hang up at the end of the call press 🔘 or close to Flip

If the keypad is locked then it must be unlocked, automatically answering the call.

Auto Call Answering

- you can set the phone to automatically answer incoming calls after a specified number of rings

🔘[menu] ■ **7** ■ **1** ■ 🔘[next] or 🔺/🔻 ■ 🔘[ok]

If you use this feature when the ringer is switched off (set to 'silent') you may receive a call without your knowledge.

Missed Calls

- missed (unanswered) incoming calls are entered onto the Call List if the caller's number is available. The phone also displays the message 'Missed (number) Call' and the time of the last missed call if connected to the CDMA network

- to clear the message press 🔺 or 🔘

In Call Features

During a call you have the following options:

Earpiece Volume

■ to adjust the earpiece volume press the buttons on the side of the phone or ▲/◆ on the keypad

Voice Mute

■ you can switch the phone's microphone OFF (mute voice) during a call to enable a private 'out of call' conversation

mute voice: **O** [menu] • **7** • **4** (MUTE displayed)

mute cancel: **O** [menu] • **7** • **4**

Scratch Pad

■ you can make a note of a number during a call using the keypad. The number will stay on display after the call has ended until another key is pressed

■ scratch pad numbers are automatically entered on the Call List and are identified by the word 'ADDED'. Refer to page 6.2 to view the list

Call Hold

■ if the feature is supported by the network, your phone gives you the facility to put the current call on hold, make a second call then switch between the two

🔘 (first call held) ■ SECOND NUMBER ■ 🔘

■ to switch between the two calls press 🔘

■ to end both calls press 🔘 . If one caller ends their call, you will be automatically connected to the other call

Call Waiting

■ if the feature is supported by the network, you will hear a soft ringing tone in the earpiece when a second caller is trying to contact you. You can put the current call on hold, answer the new call then switch between the two

🔘 (hold call, answer new) ■ 🔘 (switch calls)

Customising

This section shows you how to customise your phone for your own use.

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Ringer	7.1
Earpiece Volume	7.1
Backlight	7.2
Banner	7.2
Show Time	7.2
Auto Hyphen	7.2
Fade Alert	7.2
Minute Alert	7.2
Service Alert	7.3
Ringer Type	7.3
Vibrator	7.3
Security	7.3

Customising

Keypad Lock
- the keypad can be locked to prevent accidental key presses, this is particularly useful when carrying the phone in a pocket or handbag

lock: O [menu] - [0] (displayed)

unlock: O [menu] - [0]

Ringer Volume
- you can change the volume of the ring tone or switch it off by choosing the 'silent' option
- or use the volume keys on the side of the handset when out of call (at stand-by display)

O [menu] - [2] - [2] - O [next]or ♦/◆ - O [ok]

Key Beep
- the volume of the keypad tones can be changed or switched off ('silent')

O [menu] - [1] - [2] - O [next]or ♦/◆ - O [ok]

Earpiece Volume
- to adjust the earpiece volume level out of call
- or use the volume key on the side of the handset during a call

O [menu] - [1] - [3] - O [next]or ♦/◆ - O [ok]

Backlight
- the backlight can be switched off to save battery power, switched on in poor light conditions or set to automatically switch on for a specified number of seconds each time a key is pressed

O [menu] - [2] - [1] - O [next]or ♦/◆ - O [ok]

Banner
- you can enter your own top line wake-up and stand-by display message
- refer to the "Phone Book" section for help with entering words

O [menu] - [2] - [2] - O [edit] - MESSAGE - O [ok]

Show Time
- the time and date automatically appear on the display when your phone connects to the CDMA network (' ' if avail.' setting). You can choose not to have this information displayed

O [menu] - [2] - [3] - O [next]or ♦/◆ - O [ok]

Auto Hyphen
- hyphens appear when you input a number onto the display. This makes long numbers easier to see and also conforms to telephone number patterns in some countries. The feature can be switched on and off

O [menu] - [2] - [4] - O [next]or ♦/◆ - O [ok]

Fade Alert
- the phone can be set to sound a tone and display the 'Fade Alert' message when a call is lost due to low signal strength

O [menu] - [4] - [1] - O [next]or ♦/◆ - O [ok]

Minute Alert
- to help budget your calls, the minute alert can be set to sound a tone 10 seconds before the end of each minute of conversation

O [menu] - [4] - [2] - O [next]or ♦/◆ - O [ok]

Service Alert

■ when this feature is switched on, the phone will sound two short tones when moving into another service area or connecting to a different cellular system

O [menu] ▪ **4** ▪ **3** ▪ **O** [next]or ♠/♦ ▪ **O** [ok]

Ringer Type

■ you can select one of a selection of Incoming Ringer Alerts to suit your last

O [menu] ▪ **4** ▪ **4** ▪ **O** [next]or ♠/♦ ▪ **O** [ok]

Vibrator Alert

■ you can turn Vibrator Alert for incoming calls ON or OFF

O [menu] ▪ **4** ▪ **7** ▪ **O** [next]or ♠/♦ ▪ **O** [ok]

Security

■ the phone has several security features to prevent or restrict dialling. Please refer to section 8 for details

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The Feature Menu

This section will help you to get to know the phone's feature menu and shows you how to use the basic operating features.

The Feature Menu	8.1
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Selecting by Search	8.1
Feature Menu Structure	8.1
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Home Calls	8.3
Roam Calls	8.3
All Calls	8.3
Security Menu	**8.4**
Lock Mode	8.4
Restrict	8.4
New Code	8.4
Emergency	8.5
Clear Call	8.5
Send PIN	8.5

The Feature Menu

All the operating features of the MX-100B are stored in the easy to use menu. A feature can be selected direct via its feature number or you can work through the menu, pressing the number of the feature you want at each level.

Menu Controls

○ [menu] - enter the feature menu

◆ ◆ - search through the groups, features and feature options (as an alternative, you can use the volume keys on the side of the phone)

○ [ok] - save displayed option

◆◆ - go back one step

- exit the feature menu without saving

Selecting a Feature by Number

○ [menu] ■ FEATURE NUMBER ■ ○ [next]or ◆ / ◆ ■
○ [ok]

■ for example, to change the ringer volume:

○ [menu] ■ 4 ■ 5 ■ ○ [next]or ◆ / ◆ ■ ○ [ok]

Selecting a Feature by Search

○ [menu] ■ GROUP NUMBER ■ ◆ / ◆ ■ ○ [ok]
FEATURE NUMBER ■ ○ [next]or ◆ / ◆ ■ ○ [ok]

Note, to save a feature option you must press ○ [ok] or to exit without saving, press ⊘

Feature Menu Structure
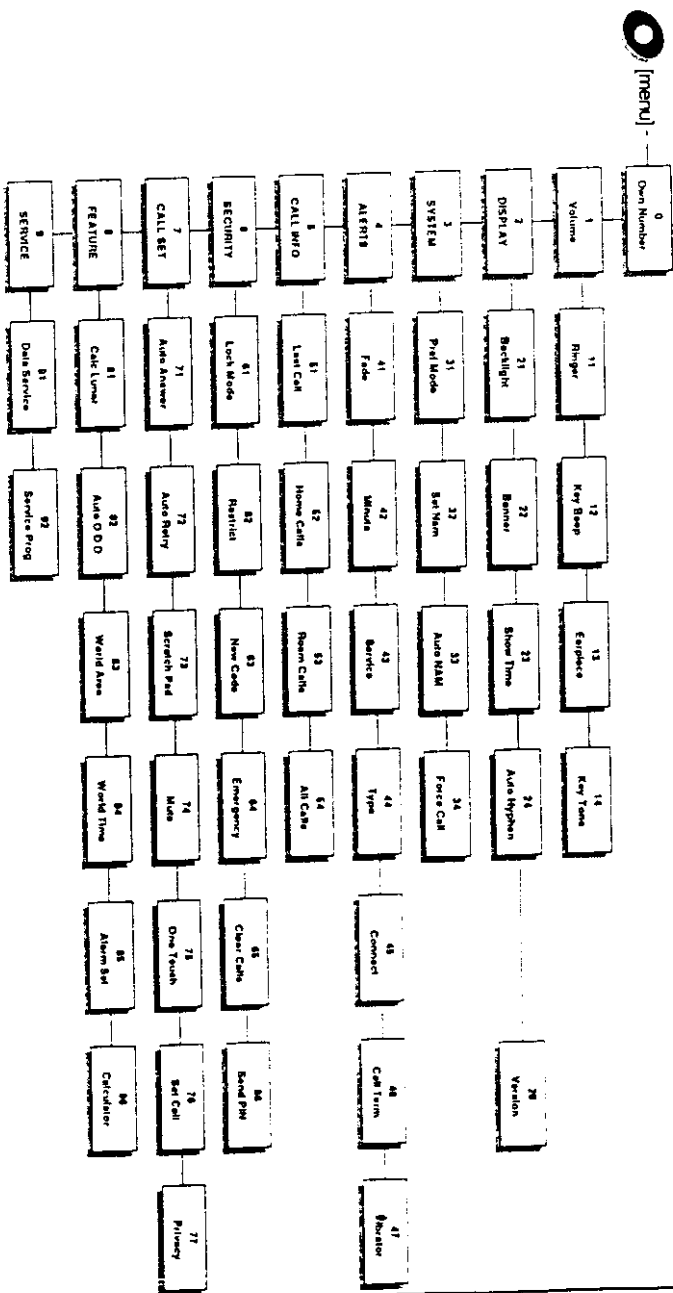
○ [menu]

Security features(○ [menu] 6) can only be accessed after entering the lock code.

Call Info Menu

Last Call

■ to display the duration of the last outgoing call in minutes and seconds

○ [menu] ▪ 5 ▪ 1 ▪ ○ [ok]

Home Calls

■ the phone has a resettable timer which displays the total number of calls and the cumulative call time on the home network since the last reset

○ [menu] ▪ 5 ▪ 2 ▪ ○ [ok]or ○ [zero]

Roam Call

■ the phone has a second resettable timer which will display the total number of calls and the cumulative total for calls made on a second (roam) network

○ [menu] ▪ 5 ▪ 3 ▪ ○ [ok]or ○ [zero]

All Calls

■ to display the total number of calls and the total call time since the phone was registered on the network

○ [menu] ▪ 5 ▪ 4 ▪ ○ [ok]or ○ [zero]

Security Menu

The security features of your phone are protected by a lock code which is initially set to 0000 or the last four digits of your phone number. To prevent other people using the security features, you should change the code to a four digit number of your choice.

Emergency calls can still be made when the phone is locked or the restrict feature is set.

Lock Mode

■ set the phone lock to prevent unauthorized calls. You can choose to lock the phone now (remains locked until the lock code is entered), at power up (locks each time the phone is switched on until the feature is cancelled) or never. When locked, the phone can only make emergency calls and calls to two other 'emergency' numbers of your choice (refer to Emergency feature)

○ [menu] ▪ 6 ▪ LOCK CODE ▪ 1 ▪ ○ [next]or

▲ / ◆ ▪ ○ [ok]

■ to unlock the phone, enter the lock code at the display prompt

Restrict

■ when set, this feature only allows calls to numbers stored in locations 1 to 9 in the phone book

○ [menu] ▪ 6 ▪ LOCK CODE ▪ 2 ▪ ○ [next]or

▲ / ◆ ▪ ○ [ok]

■ refer to section 9 for phone book dialing instructions

New Code

■ to change the lock code (4 digit number)

○ [menu] ▪ 6 ▪ LOCK CODE ▪ 3 ▪ NEW CODE ▪

○ [ok] ▪ RE-ENTER NEW CODE ▪ ○ [ok]

Emergency

- the phone is programmed with three emergency numbers for your country which can be changed
- to add a new number

O [menu] ▪ 6 ▪ LOCK CODE ▪ 4 ▪ O [next]or ▲ / ▼

(select 'empty' location) ▪ O [edit] ▪ EMERGENCY NUMBER ▪ O [ok] ▪ (end)

- repeat the procedure when you want to change or delete your numbers

Clear Calls

- for security, you may wish to clear the call list (refer to page 6.2)

O [menu] ▪ 6 ▪ LOCK CODE ▪ 5 ▪ O [ok]

Send PIN

- as a security check, your operator or service provider may ask you to send the phone's PIN before allowing calls. Switching the 'Send PIN' prompt on allows you to send the PIN at the right time by simply pressing (end)

O [menu] ▪ 6 ▪ LOCK CODE ▪ 6 ▪ O [next]or ▲ / ▼

(select 'prompt') ▪ O [ok]

The Phone Book

Everything you need to know about the phone book has been grouped together in this section; from storing names and numbers to recalling and dialling.

The Phone Book

The MX-1008 has a large phone book memory. It can store 99 telephone numbers of up to 32 digits, each with a 12 character name. Recalling of entries is by location number, name or the initial digits of the telephone number.

Storing Information

- each dialling key is used to enter several characters (see below). For name entry, repeatedly press the key that shows the character that you want until it appears on display. Wait for the cursor to move before entering the next character
- the telephone number can include ✳ and #, and numbers can be used in the name
- when you need a space in a name, press ▼ once
- to change from upper (A) to lower (a) case characters press **O** [X->x]. Press **O** [X->x] again to change back
- use the **✛** key to clear errors, a short press for the last character or press and hold for the complete entry. A long press of **✛** will return the phone to the stand-by screen. To correct individual characters, use the ▲ (left) and ◀ (right) keys to position the cursor over the character to change then enter the new character

1 QZ&	1 qz&	**7** PRS	7 prs 7
2 ABC	2 abc	**8** TUV	8 tuv 8
3 DEF	3 def	**9** WXY	9 wxy 9
4 GHI	4 ghi	**✳**	✳
5 JKL	5 jkl	**0**	0
6 MNO	6 mno	**#**	#

Storing a Number and Name

- enter the telephone number NUMBER ▪ **O** [save]
- enter the name NAME ▪ **O** [ok]
- accept the displayed location save **O** [ok]

OR enter own location **O** [next] or NUMBER ▪ **O** [ok]

- make the number appear at recall **O** [ok]

OR make the number secret **O** [next] ▪ **O** [ok]

- an acceptance message to confirm storage will briefly appear followed by the status of the memory then thephone returns to stand-by

Press 📞 *to cancel number and name storage at anytime before the last* **O** [ok] *press.*

Help with Storing

- **name:** if you don't want to include a name, press save twice after entering the telephone number

- **location:** you can accept the next available location displayed or enter a two digit location of your own. Entries can also be stored in groups of 10 for example: place personal numbers in locations 20 to 29 and business numbers in locations 30 to 39. To store in groups simply enter the group number at the 'location' prompt (eg 2 for 20 to 29 or 3 for 30 to 39)then press **O** [ok] to accept the first available location in the group or enter the second digit of your choice

- **overwrite protection:** if you choose a location which is already used, 'Overwrite?' and the existing entry appears. Press **O** [ok] to overwrite (store new entry) or press **O** [quit] or 📞 then enter a new location

- **secret numbers:** if you make an entry 'secret' The telephone number won't be displayed when recalled, only the name appears. You can make a maximum of 10 secret entries

Recalling a Number and Name

There are 4 recall options

■ to recall by location number

○ [book] ■ **○** • LOCATION NUMBER

■ to recall by name

○ [book] ■ **○** [name] ■ NAME ■ **○** [ok](check)

• **○** [view]

■ to recall by telephone number

NUMBER ■ **○** [find] (check) ■ **○** [view]

■ to recall by search

○ [book] ■ **◆/◇** ■ **○** [view]

Press ● *to exit recall at any time.*

Help with Storing

■ **name:** when recalling by name you only need to enter enough letters to identify the name, for example; if you only have one entry with the initial letter 'J', just enter 'J' to look up John

■ **telephone number:** this is just like the name search feature, you only have to enter enough digits (a minimum of 3) to identify the number

■ **options:** after recall, you have a choice:

• to edit press **○** [edit]

• to erase press **○** [erase]

• to end press ●

To Edit

■ recall the entry, press **○** [edit] then follow the storage instructions. Press ● at each option if you don't want to make changes

To Erase

■ recall the entry, press **○** [erase] ■ **○** [ok]

You have to enter the phone's lock code before you can erase a 'Secret' entry. If you don't know what the lock code is, refer to page 8.4

To Add a Prefix (prepend)

■ when a number is recalled you can add digits to the beginning, for example, an area code. The prefix is temporary and does not edit the stored number

■ recall the number, enter the prefix ('PREPENDING') then press ● to dial

Phone Book Dialling

These are 3 dialling options:

■ to dial a recalled number

● ●

■ to dial from the phone book list

○ [book] ■ **◆/◇** ■ ●

■ to speed dial

LOCATION NUMBER ■ ●

One-Touch Dialling

■ if you enable this feature you can dial a stored number by simply entering the location number (hold the second digit until 'IN USE' appears)

■ to activate the feature

○ [menu] ■ **7** ■ **5** ■ **◆/◇** ■ **○** [ok]

Network Features

In addition to making and receiving calls, the digital GSM network offers other advanced benefits detailed in this section. Some of the features may not be supported by your network operator or by a foreign network when roaming.

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DTMF Signaling

The digit, ✶ and # keys on your phone generate a unique tone when pressed. These are known as DTMF tones and are used to operate advanced facilities such as home banking, voice mail and paging services. A series of numbers are normally required to operate the facility, for example; a contact number, security PIN and option code. You can construct a pause dial sequence on the display then send the numbers at once or automatically. A sequence can be up to 32 digits long (a pause counts as one digit) and can be stored in the phone book as a normal number.

Constructing a Pause Dial Sequence

■ each number in a sequence must be separated by one of the following:

hard pause 'h' - this stops dialling after the first number, you'll need to press ⬤ at the facility request to send each number in the sequence

time pause 't' - the phone will insert a 2 second pause between dialling all the numbers in the sequence. This setting is particularly useful if you regularly dial the same facility since you won't need to hear the facility prompts

■ you also have the option to insert hyphens in long numbers to make them easier to read. The hyphens are ignored during dialling so you still need to input pause commands

■ to construct a sequence

NUMBER ■ ◆ ■ 1 or 2 or 3 ■ NUMBER

don't end the sequence with a pause

Normal and Long DTMF Tones

■ the phone can generate tones of different duration according to the needs of the facility

normal - a short burst tone of about one tenth of a second which is sufficient to operate most devices

long - the tone lasts for as long as the key is pressed (use when inputting each number at the facility request, not as a pause dial sequence)

■ if you regularly use a paging service we recommend that you leave the phone on the normal setting

■ to change settings

⬤ [menu] ■ 1 ■ 4 (key Beep) ■ ⬤ [next] or ◆ / ◆

• ⬤ [ok]

Calling Number Identification

This feature enables you to see a caller's telephone number on the display during the ringing tone. You'll then have the option to answer or reject the call. The caller's name will also appear if their name and number are stored in the phone book.

Calling number identification only works when the caller is using a network which supports the service. They may also have the facility to withhold their number from being transmitted.

Text and Voice Mail Messages

Your phone has the ability to receive short text messages when switched ON. The messages are automatically stored in the phone's memory and are retained even when the phone is switched OFF. Whilst reading a message, you can dial any callback number by simply pressing 🔘 .

The text and voice mail services are normally subject to subscription chargers, check with your service provider regarding their availability.

Receiving Messages

■ when a new message is received, 'MESSAGE' appears in the top right corner of the display, you'll hear 5 short beeps and the message stays till cleared. A reminder tone will sound every 2 minutes until you press any key (except p) to acknowledge the message.

■ if a message is marked Urgent by the sender, 'MESSAGE' flashes and an asterisk (✱) appears either side of the message header

Memory Capacity

■ your phone can store up to 23 messages, each containing on average of 40 characters. Long messages (more than 40 characters) take the space of more than one message

■ the phone will alert you when the amount of available message memory is low. You should erase old messages which are no longer needed to avoid running out of memory. New messages will be rejected when the memory is full ('Out of Memory' displayed)

Text Messages

Text messages are sent directly to your phone and (subject to network support) may contain a time stamp, a callback number and the name of the caller (if the callback number matches a phone number stored in the phone book).

Reading Messages

■ to read new text messages

press 🔘 (number of new messages) ▪ 🔘 [text] ▪ 🔘 [read]

■ messages marked urgent appear first followed by new messages in received order. The phone automatically scrolls the text page by page, use the ▲ or ▼ keys to scroll line by line

■ at the end of each message you can save or erase

erase: 🔘 [erase]   view : 🔘 [view]

■ if the message contains a callback number you can dial it direct

🔘

■ you can save to call back number before calling

🔘 [save]

■ if there are no new messages, the phone will display a list of previously stored messages

■ to read or erase stored messages

press ◈ ▪ 🔘 [text] ▪ 🔘 [read]

■ a list of stored messages will appear.Use the ▲ and ▼ keys to select the message you want then erase or recall the message

erase: 🔘 [erase]   recall: 🔘 [view] ▪ ◈ / ◈ or Auto

display ▪ 🔘 [quit]

■ whilst viewing a message you have the same callback options as for a new message. To return to the list press ◈

Voice Mail Messages

If you have a voice mailbox, the service will send a message to your phone each time a new message is received. You must call your voice mail service to listen to these messages.

Reading Messages

- to read a new voice mail alert message press ♦ ▪ O [voice]
- at the end of the message you can call your mailbox direct if the message contains the mailbox callback number

  O [calling]

- to exit the voice mail feature press O [quit]

System Selection

You may have the option to use your phone on two different cellular systems and register with up to four service providers. If this is the case, you can specify which system and which service provider to use in a particular area.

Preferred Cellular System

- the preferred cellular system is factory set. If you don't have the option to use more than one system, changing the setting may disable your phone. For two system operation you have the following choices:

1 - standard (preferred then non-preferred)
2 - use home system only
3 - use system A then B
4 - use system A only
5 - use system B then A
6 - use system B only

O [menu] ▪ 3 ▪ 1 ▪ O [next] or ♦ /♦ ▪ O [ok]

Preferred Service Provider

- each service provider assigns a unique mobile number for your phone (this is known as the NAM). You can specify which mobile number (NAM) your phone will use in a particular cellular area

O [menu] ▪ 3 ▪ 2 ▪ O [next] or ♦ /♦ ▪ O [ok]

Auto NAM

- switching this feature ON will enable your phone to change service providers if the phone loses service in the current cellular areas

O [menu] ▪ 3 ▪ 3 ▪ O [next] or ♦ /♦ ▪ O [ok]

Network Selection

Your phone is designed to operate on the digital CDMA and analog AMPS networks. Whilst connected to the preferred CDMA network ('DIGITAL' displayed) you can force the phone to attempt a call on the analog network. This feature can be useful if you are operating in an area of low digital signal strength (ie you have difficulty in making calls or a call has been dropped) and you want to try the other network without changing the phone's settings.

As an alternative to a forced call, you can change the preferred network mode.

Forcing a Call

■ to force a call on the analog network

O [menu] ▪ **3** ▪ **4** ▪ NUMBER ▪ **☎**

■ one attempt will be made on the analog network to connect the call

Preferred Mode

■ the preferred mode is factory set to 'CDMA' then Analog? You can change this to one of the other options listed below but this is not recommended as you may loose the advantages of the CDMA network and experience difficulty in making and receiving calls. The preferred operating mode options are:

  CDMA then Analog
  Analog only
  Analog then CDMA
  CDMA only

■ to change the preferred mode

O [menu] ▪ **3** ▪ **1** ▪ ◆/◆ ▪ **O** [ok]

This facility may not be available on all networks. If in doubt please consult your network provider.

The Phone Will Not Switch ON

■ the phone has shut down because the battery power level is too low to make calls. Fully recharge the battery

Dialled Calls Are Not Processed

■ the phone is locked, the restrict feature is set or you have not pressed the **☎** key

Display Messages

During operation your phone may display an error message as follows:

'NO SERVICE'

■ you are outside network coverage (or there are physical obstructions between you and a suitable transmitter) and cannot make or receive calls. Try moving to a new location

'FEATURE CURRENTLY UNAVAILABLE'

■ you are attempting to select a feature that is only available during a call (refer to page 6.5) or the feature is not supported by your network operator/service provider or by the phone.

'ENTER THE LOCK CODE'

■ the phone lock has been set, you must enter the four digit lock code before you can proceed with your call attempt (refer to page 8.4)

Glossary

CDMA - Code Division Multiple Access, preferred digital cellular system

AMPS - Advanced Mobile Phone System (an analog cellular system)

NAM - Number Assignment Module, the system identification for your mobile number. Some countries may allow you to have more than one mobile number, in which case they would be identified by NAM1, NAM2 etc

HOME - the service provider that issues

NETWORK your mobile number (NAM 1)

ROAM - a second service provider that offers

NETWORK service when away from the home network

Accessories

Quick Travel Charger
- charges a Standard 550 mAh Li-Ion battery to its full capacity in approximately 110 minutes n extraordinarily light and compact battery charger
- available with four different wall plugs

Cigar Lighter Chargers
- suitable for both 12 Volt and 24 Volt systems
- available in two different designs suitable for a wide variety of automobiles

Spare Batteries
- Standard 550 mAh Li-Ion battery providing up to 26hrs stand-by or 120 mins talk time on the the CDMA network (5hrs or 45 mins on AMPS)
- Extended 1350 mAh Li-Ion battery providing up to 56hrs stand-by or 220 mins talk time on the the CDMA network (12hrs or 120 mins on AMPS)

Leather Carry Case
- elegant case which protects the phone from scratches, knocks, water stains etc
- built-in belt clip

Hands Free Car Kit

■ provides for Hands Free operation of the MX-1008 in your vehicle

■ consists of a cradle, loudspeaker, microphone and system unit

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