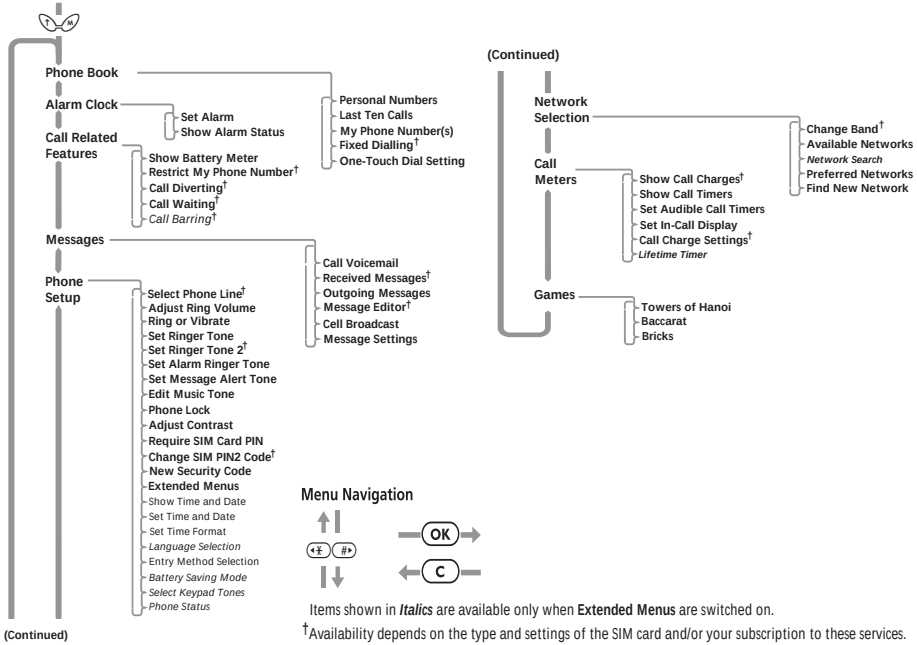
taishan.book Page 1 Thursday, March 1, 2001 8:53 AM

Quick Reference



Menu Navigation

Items shown in ***Italics*** are available only when **Extended Menus** are switched on.

†Availability depends on the type and settings of the SIM card and/or your subscription to these services.

Special Keys

(—)	Press to turn phone on and off.
(OK)	Press to accept call, setting, option,....
(C)	Press to reject call, setting, option,....
(↑M)	Press the right side of this toggle key to access the options or phone book menus.
(*) (#)	Press both simultaneously to lock the keypad; also use to scroll left and right; within menus, use to scroll up and down.

Making a Call

Enter **Phone No.** (OK).

Receiving a Call

Press (OK).

Ending a Call

Press (OK) or (C).

Making an Emergency Call

Enter (1) (1) (2 ABC) (OK). The call will be directed to a central emergency operator.

Redialing the Last Number Called

1. Press (OK) to display the last number dialled.
2. Press (OK) to call the number.

One-Touch Dialing

Press and hold the appropriate digit key (1) to (9 WXYZ).

Storing Numbers in the Phone Book

Press (↑M), scroll to `Add to SIM` and press (OK) to select.

Dialing Phone Book Numbers

Enter **Location** (#) (OK).

Stopping a Call Alert

Press the volume button when the phone is ringing. This will stop the alert but not answer the call.

taishan.book Page 1 Thursday, March 1, 2001 8:53 AM

Introduction

Welcome

Congratulations on your purchase of a mobile phone from *Motorola*, the world leader in cellular technology. The phones are packed with features that put you in control and give you unrivaled power, whilst remaining discreet.

Power

- Superb battery performance - *Each phone is capable of several hours conversation or several days standby, but is still small and light.*
- Dual Band - *versions of the phone include the powerful dual band feature, which means that they can use 900 and 1800MHz bands for greater call success and allow wider roaming opportunities.*

Before you use your phone, see the 'Your Battery' section for important information on charging a new battery.

taishan.book Page 2 Thursday, March 1, 2001 8:53 AM

Understanding this Manual

Many of your phone options are accessed by a simple menu system. The next section, "Menu Navigation" on page 4, describes these menus and how to move around them.

Key Presses

In this manual, key presses are represented as symbols. For example, a sequence of key presses shown as follows:

(2ABC)(OK)(C)

indicates that you should press the (2ABC) key, followed by the (OK) key, and then the (C) key, in sequence, not simultaneously.

Entering Information

In this manual, **bold** type represents information that you enter:

Phone No. - enter the required telephone number

PIN Code - enter your Personal Identification Number

Unlock Code - enter your unlock code

Location - enter the Phone Book location number

taishan.book Page 3 Thursday, March 1, 2001 8:53 AM

Prompts and Messages

Your phone responds to key presses by displaying either prompts that guide you to the next action or messages to confirm that an action is complete. Prompts and messages are represented in this manual in this style:

`Enter PIN` or `Completed`.

Other Symbols

These symbols are used in this manual:

A Note contains additional information relevant to the feature/item.

A Caution contains important additional information which is relevant to the efficient and/or safe usage of your phone.

This symbol indicates a short key sequence for the feature.

taishan.book Page 4 Thursday, March 1, 2001 8:53 AM

Menu Navigation

Many of your phone's options are accessed by using menus that use a common approach for selection, change and cancellation.

This section describes how your phone's menus are organized and shows you how to navigate through them.

Entering the Menus

To access the menus, press the right side of the ↑/↓ toggle key.

- In standby mode, your phone enters the Options menu.
- During a call, your phone enters the In-call menu.

Within menus, use the *, #, OK and C keys to access, select and change individual options.

Leaving the Menus

To exit a menu, press and hold the C key, or repeatedly press the C key. Both of these actions will return your phone to the standby mode.

Menus and Sub-menus

A menu is a list of options. Some options provide access to a further list of options called a sub-menu. When navigating through the menus, you may find it is helpful to think in terms of menu levels - the 'parent' menu being on one level and its sub-menus being on a lower level.

taishan.book Page 5 Thursday, March 1, 2001 8:53 AM

Moving To and Selecting a Menu Option

Use the scroll keys, (◂ *) and (# ▸) to move forward and backward through options on the same level. When you find the option you want, press the (OK) key to select it.

One of three events will happen:

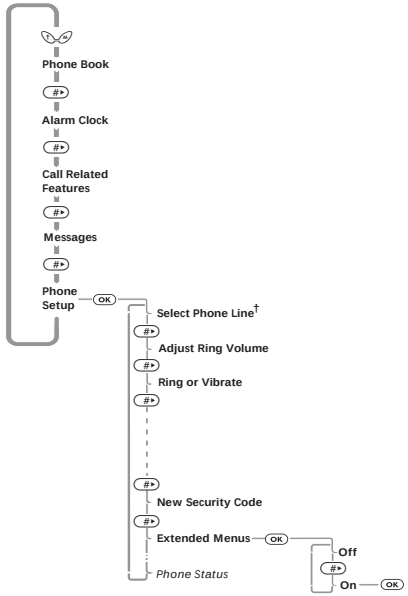
- A brief message is displayed to confirm an action (for example, `Completed`).
- A prompt is displayed, asking you to enter information (for example, `Enter PIN` or `Enter Name`).
- The first option of a sub-menu is displayed. Select this option using the (OK) key, or browse through the other options using the scroll keys.

To exit an option or sub-menu, press the (C) key. This will take you back to the parent menu item.

taishan.book Page 6 Thursday, March 1, 2001 8:53 AM

Menu Navigation - A Working Example

1. With the phone in standby mode, press the right side of the ⟲ toggle key to access the Options menu. `Phone Book` is displayed.[1]
2. Press the (#▸) key repeatedly until `Phone Setup` is displayed, then press the (OK) key to select it.
3. Press (#▸) repeatedly until `Extended Menus` is displayed, then press (OK) to select it. A ✓ character indicates the current setting. If ✓ is next to `Off`, press (#▸) and then (OK) to switch on the Extended Menus. If ✓ is next to `On`, press (C) to leave the setting as it is.



1. *Availability depends on the type and settings of the SIM card, and/or your subscription to these features.*

Short and Extended Menus

The menu diagrams in this manual show the condition of the menu settings when you first receive your phone. Some features are in the Short Menu and are shown in **bold** type. Other features are in the Extended Menu and appear in *italics*.

You can change which features appear in the Short and Extended Menus, and therefore personalize the menus to suit your requirements.

If you want to move a feature from the Short Menu to the Extended Menu (or from the Extended Menu to the Short Menu), go to the feature and then hold down the (OK) key until a prompt appears offering the following choices:

- Add the current feature to the Short Menu/Extended Menu.
- Leave the current feature in the Short/ Extended Menu.

Select the option you want by pressing the (OK) key.

The settings for some menu features cannot be changed.

Total Customer Satisfaction

At Motorola, Total Customer Satisfaction is a top priority. If you have a question, a suggestion or a concern about your Motorola Cellular Phone, Motorola wants to hear from you.

Please contact the Motorola Cellular Response Centre by fax on: +44 (0) 131 458 6732, or use one of the local phone numbers in the following countries:

Austria	0660 7246
Belgium	0800 72 370
Canada	1 800 461 4575

taishan.book Page 8 Thursday, March 1, 2001 8:53 AM

Czech Republic	00420 2 21 85 21 01
Denmark	4348 8005
Egypt	02 3411800
Eire	01 402 6887
Finland	0800 117 036
France	0 803 303 302
Germany	0180 35050
Greece	00800 441 28150
Hong Kong	852 25063888
Italy	02 696 333 16
Jordan	06 863750
Kuwait	484 2000 Ext 1177
Lebanon	01 744156
Luxembourg	0800 21 99
Netherlands	0800 022 27 43
Norway	22 55 10 04
Oman	790925
People's Republic of China	86 10 68466060
Portugal	01 318 0051
Qatar	418999
Saudi Arabia	01 2303294
Singapore	65 4855 333
South Africa	0800 11 48 49
Spain	902 100 077
Sweden	08 445 1210
Switzerland	0800 553 109
Taiwan	886 2 87731746
Turkey	0212 425 9090
UK	0500 55 55 55
United Arab Emirates	04 32 11 66
United States of America	1 800 331 6456

For e-mail queries contact:
mcrc@ei.css.mot.com

For Internet queries contact:
http://www.mot.com

taishan.book Page 9 Thursday, March 1, 2001 8:53 AM

Contents

Safety
Important information for the efficient and safe operation of your phone 11

About Your Phone, Battery and SIM Card
How to charge and maintain batteries and information about your SIM Card 17

Making and Receiving Phone Calls
How to make single or conference calls, redial, transfer a call, end a call 27

Using the Options Menu
Explanation of the Options Menu and how to use it 43

Using the Quick Access Menu
Explanation of the Quick Access Menu and how to use it 107

What to Do If...
Helps you to solve any problems that may occur 115

Index
A comprehensive Index 119

taishan.book Page 10 Thursday, March 1, 2001 8:53 AM

taishan.book Page 11 Thursday, March 1, 2001 8:53 AM

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR PHONE.

RF Operational Characteristics

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits radio frequency (RF) energy. The phone operates in the frequency range of 890 MHz to 915 MHz in analog and digital mode and 1710 MHz to 1785 MHz in digital mode.

When you communicate with your phone, the system handling your call controls the power levels at which your phone transmits. The output power level typically may vary over a range from 2 watts to 1 milliwatt.

Exposure To Radio Frequency Energy

Your Motorola phone is designed to comply with the following national and international standards and guidelines regarding exposure of human beings to radio frequency electromagnetic energy (EME):

- United States Federal Communications Commission, Code of Regulations; 47 CFR part 2 sub-part J
- American National Standards Institute (ANSI)/Institute of Electrical and Electronic Engineers (IEEE) C95. 1-1992
- Institute of Electrical and Electronic Engineers (IEEE) C95.1-1999 Edition
- National Council on Radiation Protection and Measurements (NCRP) of the United States, Report 86, 1986

- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998
- National Radiological Protection Board of the United Kingdom 1995 Ministry of Health (Canada) Safety Code 6. Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999
- Australian Communications Authority Radiocommunications (Electromagnetic Radiation-Human Exposure) Standard 1999

To assure optimal phone performance and make sure human exposure to radio frequency electromagnetic energy is within the guidelines set forth in the above standards, always adhere to the following procedures:

Portable Phone Operation and EME Exposure

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate regulations.

Do NOT hold the antenna when the phone is in use. Holding the antenna affects call quality and may cause the phone to operate at a higher power level than needed.

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline telephone. Speak directly into the microphone.

taishan.book Page 13 Thursday, March 1, 2001 8:53 AM

Body-Worn Operation

To maintain compliance with RF exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a **Motorola-supplied or approved clip, holder,** holster, case, or body harness. Use of non-Motorola-approved accessories may exceed FCC RF exposure guidelines. If you do not use a body-worn accessory, and are not holding the phone in the normal use position at the ear, ensure the antenna is at least one inch (2.5 centimeters) from your body when transmitting.

Data Operation

When using any data feature of the phone, with or without an accessory cable, **position the phone antenna at least one** inch (2.5 centimeters) from your body.

Approved Accessories

For a list of approved Motorola accessories, visit our website at www.motorola.com.

Electromagnetic Interference/ Compatibility

Note: Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility.

Facilities

To avoid electromagnetic interference and/ or compatibility conflicts, turn off your phone in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of 6 inches (15 centimeters) be maintained between a handheld wireless phone and a pacemaker. These recommendations are consistent with the independent research by, and recommendations of, Wireless Technology Research.

Persons with pacemakers should:

- ALWAYS keep the phone more than six inches (15 centimeters) from your pacemaker when the phone is turned ON.
- NOT carry the phone in the breast pocket.
- use the ear opposite the pacemaker to minimize the potential for interference.
- turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician

taishan.book Page 15 Thursday, March 1, 2001 8:53 AM

may be able to assist you in obtaining this information.

Safety and General

Use While Driving

Check the laws and regulations on the use of phones in the area where you drive. Always obey them.

When using your phone while driving, please:

- give full attention to driving and to the road.
- use hands-free operation, if available.
- pull off the road and park before making or answering a call if driving conditions so require.

Operational Warnings

For Vehicles With an Air Bag

Do not place a portable phone in the area over an air bag or in the air bag deployment area. An air bag inflates with great force. If a portable phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to the vehicle's occupants.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere, unless the phone is a model specifically identified as being "Intrinsically Safe" for use in such areas (for example, Factory Mutual, CSA, or UL Approved). Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an

explosion or fire resulting in bodily injury or even death.

Note: Areas with potentially explosive atmospheres include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine. Areas with potentially explosive atmospheres are often but not always posted.

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

Operational Cautions

Antennas

Do not use any portable phone that has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.

Batteries

All batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touches exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects.

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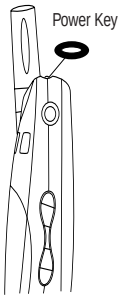
About Your Phone, Battery and SIM Card

Special Keys

(—)	Turns the phone on and off.
(OK)	Accept call, setting, option.
(C)	Reject call, setting, option.
(↑M)	Press the right side of this toggle key to access the Options and Phone Book menus.
(◂*) (#▸)	Press both simultaneously to lock the keypad; also use to scroll left and right; within menus, use to scroll up and down.

The shape of the keys that appear in the manual may vary slightly from those on the phone.

Volume Buttons



The Volume buttons (▲▼) are on the left-hand side of your phone. The buttons are used for adjusting the keypad, earpiece and ringer volume. A volume meter will display the current volume setting. The meter will disappear after a short time, or if you press (OK) or (C).

- To adjust the keypad and earpiece volume, press the buttons with no other features selected.
- To adjust the ringer volume, first select the `Adjust Ring Volume` option in the Phone Setup Menu and then use the buttons to set the required volume.

If you receive a call and you do not want to answer it immediately, you can press the volume buttons to stop the phone from ringing. This will not answer the call.

The Display

Your phone's display can show alphanumeric characters and useful information symbols. The various elements of the display are as follows:

`ABC123` Characters are used to display messages and telephone numbers.

Signal Strength. The more segments displayed in the bar graph, the better the signal strength.

In Use. Displayed when a call is in progress.

Home Zone. Availability depends on your service provider.

Roam. Displayed when you are registered on a system other than your home system.

Ringer On. Displayed when the call ringer is selected. If you select the `No Ring` option, this symbol will be displayed with a line through it.

Short Message Service. Displayed when the phone has received a message. The symbol will flash when your message storage area is full.

Voicemail Waiting Indicator. Displayed when you have a voice message waiting. The availability of this feature depends on your service provider.

Battery Charge Indicator. The more segments displayed, the greater the battery charge.

✓ **Tick Mark**. Indicates that a menu item is currently selected.

In addition, when you are expected to press the (OK) key, a prompt will appear in the display (for example, `Completed`).

Low Temperature Use

The liquid crystal display used in your phone will behave differently at extremely low temperatures. You may notice that the display responds slowly to key presses; this is to be expected and does not affect the phone operation in any way.

Earpiece Connector

The earpiece connector is on the left-hand side of your phone, above the volume buttons. Use this connector for the headset accessories available from your *Motorola* dealer.

Looking After Your Phone

- Never leave your phone or battery in extreme temperatures (over 60˚C), for example behind glass in very hot, direct sunlight.
- To clean your phone, use a moistened or antistatic cloth. Do **not** use a dry or electrostatically charged cloth.

Your SIM Card

Your SIM (Subscriber Identity Module) card was supplied by your Cellular Service Provider when you bought your phone. You cannot make or receive calls if you do not have a SIM card in your phone.

☞ *Some networks allow you to make emergency calls without a SIM card inserted.*

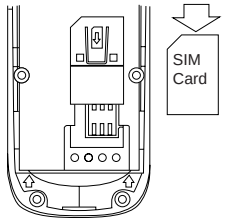
The SIM card is a "Smart Card" that contains your phone number, service details and memory for storing Phone Book numbers and messages. You can use your SIM card in someone else's GSM phone and you will be charged for the call.

Like a bank or credit card, you should keep your SIM card secure. Do not bend or scratch your card and avoid exposure to static electricity or water.

! *Switch off your phone before inserting or removing the SIM card. Failure to do so may damage the memory on your SIM card.*

SIM Card Insertion/Removal

1. Switch off your phone by pressing and holding the ⏻ key, remove the battery cover and the battery.
2. Slide the SIM card into the slot in the base of the phone so that the notch is in the top left-hand corner.



3. Replace the battery and battery cover.

taishan.book Page 21 Thursday, March 1, 2001 8:53 AM

If the SIM card is inserted the wrong way around, or damaged, the `Check Card` message may be displayed. Remove the SIM card, check that it is the right way around and then re-insert it into the phone.

If either of the `Bad Card See Supplier` or `Blocked See Supplier` messages are displayed, then you will need to contact your Cellular Service Provider.

Your Battery

Charging a New Battery

New batteries are supplied in a totally uncharged state. To ensure maximum battery performance, charge a new battery (or battery that you have not used for several months) for at least 14 hours before use.

A new battery will require several full charge/discharge cycles in order to achieve its optimum performance.

A new battery or one that has not been used for several months, may cause a premature fully charged indication. Ignore this indication and charge the battery for several more hours. Remove and re-insert the battery into the charger, and charge for an additional 14 hours.

Important Battery Information

Always treat your battery with care. See "Batteries" on page 16.

Never leave your battery in extremely high temperatures (over 60˚C), for example behind glass in very hot, direct sunlight.

Only Motorola Original Accessory batteries can be charged in the phone. This is to protect you and your phone from the risks of incorrect charging.

Do not use lithium ion batteries at extremely low temperatures, as the maximum standby/talk time will not be available when cold.

To ensure maximum battery life, the battery should be at or near room temperature when charging.

Battery Performance and Maintenance

- Best battery performance will be achieved when you regularly charge and discharge batteries as instructed in this manual.
- Battery performance is greatly affected by network coverage.
- Set `Battery Saving Mode` to On (see "Phone Setup Menu" on page 75) and/or `Frequency of Search` to Slow or Medium (see "Network Selection Menu" on page 88).
- If left unused, a fully charged battery will discharge itself in approximately one month.
- When not in use, store your battery uncharged in a cool, dark and dry place.

Low Battery Warning

When the battery level is low and only a few minutes of talk time remain, a warning signal (two double beeps) will sound, and `Low Battery` will be displayed.

When the battery is completely discharged, your phone will turn off.

Removing Your Battery

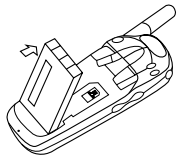
Switch off your phone before removing the battery. Failure to do so may damage your phone memory.

1. Press the release catch on the battery compartment and lift off the cover.
2. Push the battery toward the bottom of the phone. Lift it out from the top end.

Fitting Your Battery

1 Remove the battery cover.

2 Align the battery connections with the phone connections.



3 Press the battery toward the connections. Push downwards until it clicks into place. Replace the cover.

Charging with the Travel Charger

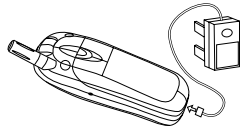
The travel charger can power the phone and charge a fitted battery.

Ensure that the local mains voltage at your location matches that of your travel charger.

1 Fit a battery onto your phone.

2 Attach the correct adapter plug to the travel charger.

3 Connect the travel charger to the phone.



The connector is keyed and can only be inserted one way.

4 Insert the travel charger plug into a suitable mains power socket.

Your phone emits a a beep-tone and flashes the battery icon when charging begins.

Your phone can be either on or off during charging.

Battery Indicators

Your Motorola cellular phone includes the Motorola Expert Performance (ε·P™) charging system, which enables the charging circuits in the phone to communicate directly with the battery. Based on this communication, the charger can implement the optimum charging cycle for best performance and determine the level of charge.

Your phone monitors and displays information about your battery:

`Low Battery`	The battery charge is low. The battery should be recharged.
`Insert Battery`	No battery fitted; external power connected
`Invalid Battery`	This message and a beep indicate that you cannot charge this battery even though it may power the phone. This battery may not be a Motorola original battery and does not have the built-in communications technology. All Motorola original batteries include this technology. Use only Motorola original batteries, chargers, and other accessories.

taishan.book Page 26 Thursday, March 1, 2001 8:53 AM

Battery Meter Indicators

The battery meter displays different messages depending on the battery attached, and whether or not there is an external power source. You can access the battery meter from the Call Related Features menu.

`Charging Battery`	The battery is being charged.
`Fast Charge Complete`	Fast charging is complete.
`Invalid Battery`	Battery may be defective, or may not be a Motorola original battery.

taishan.book Page 27 Thursday, March 1, 2001 8:53 AM

Making and Receiving Phone Calls

Switching the Phone On and Off

To switch the phone on or off, press and hold the ⏻ key on the top of the phone. If you switch the phone on but no SIM card is inserted, you will be asked to insert one. After you insert the SIM card, the phone checks that it is valid.

A number of messages will then be displayed:

- `Enter PIN` - a request to enter the SIM card PIN code (if required).
- `Enter Phone Unlock Code` - a request to enter the phone unlock code (if required).
- `Searching...` followed by a network name - as the phone searches and then finds a suitable network to connect to.

Entering the SIM Card PIN Code

To enter the PIN code, enter **PIN Code** (OK).

As you type each digit, a * character is displayed.

Press and release the (C) key to delete the last digit. Press and hold (C) to remove the entire entry.

After you enter the PIN code, press (OK).

If you enter an incorrect PIN code, `Wrong PIN` is displayed, followed by `Enter PIN`.

! ***If an incorrect PIN code is entered three times in a row, the phone locks up and displays*** `Blocked`***. See "Unblocking Your Phone" on page 79 for details on unblocking your phone.***

The PIN code can be changed. For more details, see "Change SIM PIN Code" on page 79.

Entering Your Unlock Code

If your phone displays `Enter Phone Unlock Code`, you must enter your unlocking code by entering **Unlock Code** (OK).

The unlock code is a four-digit number that is set at manufacture to **1234**. If you want to change the code, see "Change Unlock Code" on page 78.

If you forget your unlock code, press the (M) Menu key. This will display the `Change Unlock Code` option. Enter (OK) **Security Code**, enter a new unlock code, and press (OK).

Locking the Keypad

Press (*) and (#) simultaneously to prevent accidental usage of the phone. To remove the lock, again press (*) and (#) simultaneously. All keys with the exception of the (—) key will be disabled. You can still answer an incoming call by pressing (OK) when the keypad is locked.

taishan.book Page 29 Thursday, March 1, 2001 8:53 AM

Making a Phone Call

To make a phone call, your phone must be switched on and unlocked.

It will not be possible to make a phone call unless you are in an area where there is a GSM900 or 1800 service. When a service has been found, a series of rising bars, ▂▃▅▇, will show the signal strength.

There are a number of different ways to make a phone call:

- Using the digit keys.
- Using automatic redial.
- Redialling the last number called.
- One-touch dialling a Phone Book entry*.
- Dialling a Phone Book entry*.
- Calling an embedded number in a message.

☞ *Your phone contains a "phone book" that can be used to store names and telephone numbers. See "Using the Phone Book Menu" on page 46 for more details.*

The simplest method of making a phone call is to enter the number using the digit keys then press (OK).

☞ *If you make a mistake, press and release the (C) key to remove the last digit. To delete the entire number, press and hold the (C) key.*

Your phone will then attempt to make the phone call. The display will show `Calling` to show the call attempt is being made. If the call is not answered, pressing (OK) at this point will end the attempt.

When the phone call is answered, the display will change to `Connected` for a few seconds, followed by `End Call?`.

To end your call, press (OK).

Automatic Redial

If your call attempt does not succeed, the message `Redial?` will be displayed for five seconds. Pressing (OK) at this point will automatically redial the phone number.

When the call is answered, you will hear a short ring tone.

The maximum number of redial attempts is set by your Cellular Service Provider. If the phone call cannot be connected within this maximum, the message `Redial Failed` will be shown.

Redialling the Last Number Called

When in standby mode, press (OK)(OK).

Alternatively, you can retrieve the last number dialled using the `Last Ten Calls` feature in the Phone Book menu.

One-Touch Dialling Phone Book Numbers

To quickly retrieve and dial a number stored in the first nine locations of your Phone Book*, press and hold the appropriate digit key. For example, press and hold (2 ABC) to dial the number stored in location 2 of your Phone Book.

* *The Phone Book entries that you can access are defined by the* `One-Touch Dial Setting` *option in the Phone Book menu.*

☞ *You do not need to press* OK *to call the number.*

Dialling Phone Book Numbers

Enter the phone book Location number followed by #▸ OK.

Calling an Embedded Number in a Message

Refer to "Messages Menu" on page 65.

International Phone Calls

To make an international phone call, press and hold the 0+ key. After a pause, the international dialling prefix + will appear. This enables you to call from any country without knowing the local international access code.

Now enter the country code, then the phone number. The country code follows the conventional format, 49 for Germany, 44 for the UK, etc.

Just like a conventional international call, remove the leading '0' of the area code when you dial.

Inserting Pauses Into Phone Numbers

To insert a 'pause' character in a phone number, press and hold the *⋆ key until the pause symbol ü appears.

The pause character produces a three second delay whenever it is used. However, the first pause character in a phone number is a special case; it will not begin its delay until the call is answered.

Pause - A Working Example.

If, for example, you have a tone-based voicemail system on 555-6911, with a mailbox number 1066 and password 2001. Then you may dial the following number:

`5556911Ü1066Ü2001`OK.

The first part of the number would be used to call the voicemail system.

When the call is answered the first pause will produce a delay of three seconds before the tones for `1066` are sent to select the mailbox.

There will be a second pause of three seconds before the tones for `2001` are sent as the password.

GSM Emergency Calls

The world-wide GSM standard provides a single, uniform number, **112**, to dial in cases of emergency.

Provided that your phone has found a network, you will be able to make an emergency call. The call can be made regardless of any security codes and, depending on the network, with or without a SIM card inserted.

The emergency call will be directed to a central emergency operator.

To dial the GSM emergency number, press (1)(1)(2ABC)(OK).

While the emergency call is being made and connected, the display will show `Emergency Calling`.

☞ *Emergency calls can be made without a battery fitted if the phone is powered by the travel charger or vehicular power adapter.*

☞ *Additional emergency numbers may be supported based on your subscription. Please see your service provider for additional information on these services.*

Receiving a Phone Call

To receive a phone call:

- Your phone must be switched on and unlocked.
- You must be in an area where there is GSM900/1800 service.
- Your Call Diverting and Call Barring settings should not be set to divert or bar incoming calls.

When your phone receives a call, it will ring and the display will show the `Call` message (if you have Caller Line Identification, the caller's number or name will be displayed instead).

To answer the call, press (OK).

If you do not wish to answer a call you can either:

Press and release the (C) key. If you have enabled the `Detailed Diverting - If Busy` or `Divert when unavailable` options in the Options Menu, the caller will be diverted to the option's number, otherwise the caller will hear the busy tone.

or

Press and hold the (C) key. This will reject the incoming call. No call divert option will be offered.

If your phone rings and you do not answer it, the message `Unanswered Call` will be displayed to show you that a call attempt was received.

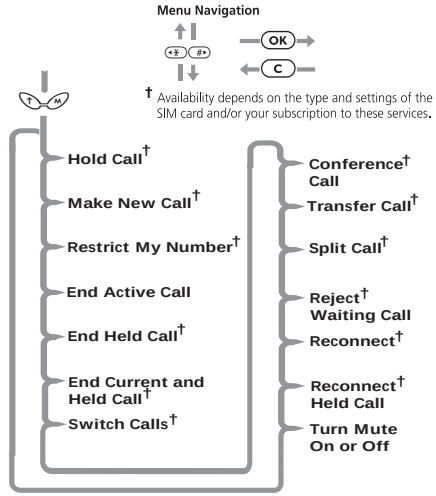
Ending a Phone Call

To end a phone call, press (OK) or (C).

taishan.book Page 34 Thursday, March 1, 2001 8:53 AM

In-Call Menu

The "In-Call" menu provides access to additional functionality during a call.



Entering the In-Call Menu

The "In-Call" menu is accessed by pressing the Menu key during a call.

Leaving the In-Call Menu

To leave the "In-Call" menu press the C key.

In-Call Menu Options

The options listed in the "In-Call" menu will dynamically change depending on the current call state. The following list contains all of the possible options in the "In-Call" menu.

Only some of the options will appear at any given time. The order of the options may vary.

Hold Call

This option will put the active call on hold.

Make a New Call

Use this option to make another call.

Restrict My Number

This option allows you to make a call without the remote user getting advanced warning of the number.

End Active Call

This option terminates the active call, and makes the call that was previously on hold into the active call.

End Held Call

This option will terminate a held call.

End Current And Held Call

Use this option to terminate all connected calls.

Switch Calls

This option allows you to switch between the active call and the call that is on hold.

Conference Call

This option connects you with up to five other telephones on one call. (See "Making a Conference Call" on page 40.)

Transfer Call

This option transfers a call to another telephone. (See "Transfer Call" on page 42.)

Split Call

Use this option to separate an individual from the main Conference Call.

Reject Waiting Call

This option will reject a waiting call.

taishan.book Page 36 Thursday, March 1, 2001 8:53 AM

Reconnect

This option will make the call on hold the active call.

Reconnect Held Call

This option is similar to `Reconnect` but will appear if you have a call on hold, and a call waiting. `Reconnect Held Call` will make the call on hold the active call.

Turn Mute On or Off

Temporarily turns the microphone off during a phone call. Reselect this option to resume your conversation.

taishan.book Page 37 Thursday, March 1, 2001 8:53 AM

Call Holding and Call Waiting

Your phone supports the GSM options of Call Holding and Call Waiting. These options enable you to place a phone call on hold and accept an incoming call or start a second call. (See "Call Waiting" on page 62 for details on this feature.)

Call Holding and Call Waiting Scenarios

The display will automatically change according to the status of your current call (or calls) and will show the option that you are most likely to want. Press (OK) to accept this option, or press (#▸) to scroll through the "In-Call" menu for alternative options. By following this procedure you can manage even the combination of an active call, a held call, and a call waiting.

- To put an active call on hold, press the Menu key. The display shows `Hold Call Select?`. Press (OK) to put the call on hold. Reconnect by pressing (OK).
- To put an active call on hold and make another call, first put the active call on hold, then press the Menu key and select the `Make New Call` option*.
- To switch between an active call and a held call press (OK) at the `Two Calls Switch?` prompt.

* *A quicker method of making another call is to enter the number to be called directly and press (OK). Your phone will place the current call on hold and attempt to call the number entered.*

- To accept a waiting call during an active call, press (OK) at the `Call Waiting Answer?` prompt. The active call will be placed on hold. If you prefer to end the active call before accepting the waiting call, press the (M) Menu key and select the `End Active Call` option.
- To reject a waiting call, press the (M) Menu key and select the `Reject Call Waiting` option (or simply press the (C) key).

If you have an active call, a call on hold and a call waiting, you cannot accept the waiting call until you end either the active call or the held call, or join the active and held calls.

Call Holding and Call Waiting Messages

During Call Holding and/or Call Waiting operations, your phone may display one or more of the following messages:

`Trying`

A request to hold the active call, swap the active with a held call, or add a member to a Conference Call, has been made.

or

A request to reconnect the held call has been made.

`Hold Failed`

The request to hold a call has been unsuccessful.

`Cannot Hold Second Call`

A call is already on hold; you cannot place two calls on hold at the same time.

`Connection Failed`

The held call could not be made active again.

`Busy Try Later`

Your phone is still working on a previous command. Wait a short time before repeating the command.

`Anonymous`

The person who is calling you has blocked their number from appearing on your phone.

`Unavailable`

The network is unable to provide the caller's number.

`Conference Unsuccessful`

The request for Conference Call has been unsuccessful.

`Transferring Call`

A request to transfer a call has been made.

`Transfer Unsuccessful`

The request to transfer a call has been unsuccessful.

Making a Conference Call

This option joins the active call with a held call. With Conference Call, you can have a conference with up to five other telephones. At any time during your call, you can add, disconnect or separate individuals from the Conference Call using other "In-Call" menu options.

You must subscribe to both Conference Call and Call Waiting Supplementary Services to be able to use this feature.

Initiating a Conference Call

To initiate a Conference Call, place the active call on hold and dial another phone number. You will then have one active call and one call on hold.

Press the Menu key key to enter the "In-Call" menu, and select `Conference Call`. The currently active call and the call on hold will then join into one Conference Call.

Managing a Conference Call

During a Conference Call, you can add new calls to the call or separate one of the members from the call.

Adding a New Call

There are a number of different ways to add new calls to the Conference Call:

- Using the digit keys.
- Using the `Make New Call` option from the "In-Call" menu.
- Answer Call Waiting.

No matter which method is chosen to add a new call, the original Conference Call will be first placed on hold while the new call is being connected. You must then enter the "In-Call" menu and select `Conference Call` to join the New Call with the original Conference Call in progress.

Separate One of the Members in the Conference

During a Conference Call, you will also have the option to separate a selected member from the main Conference Call.

In order to separate a member from the main Conference Call, there must not be any calls on hold.

During the call, press the Menu key, and select `Split Call`. Your phone displays the phone numbers or names of all members of the call. Scroll to the desired member, press the OK key, and select `Split Call`.

The selected call is now separated from the main Conference Call, and private conversation between you and the selected member is possible.

To re-join all the parties again, select `Conference Call` from the "In-Call" menu.

taishan.book Page 42 Thursday, March 1, 2001 8:53 AM

Transfer Call

Transfer Call transfers a call to another telephone. There are two ways to transfer a call; *before* or *after* the third party is connected.

You must subscribe to both Conference Call and Call Waiting Supplementary Services to be able to use this feature.

Initiating Transfer Call Before the Third Party is Connected

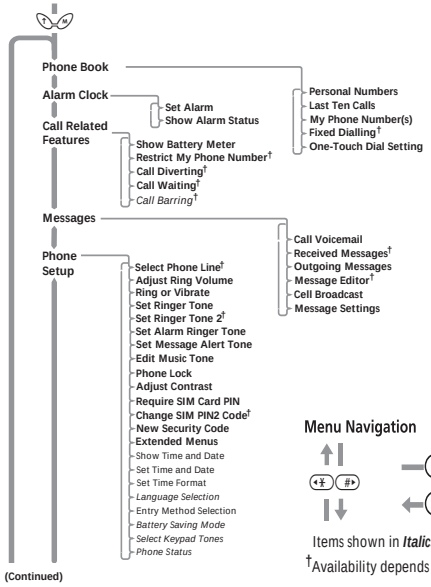
To transfer a call to another telephone, press the Menu key and select `Transfer Call` from the "In-Call" menu. Enter the number where the call will be transferred and press OK.

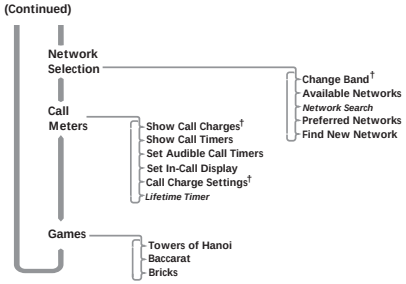
Your phone will then attempt to transfer the call. The display will show `Transferring Call` followed by `Call Transferred`. When the call has been successfully transferred, you will be disconnected automatically.

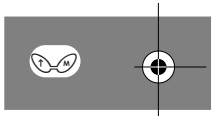
Initiating Transfer Call After the Third Party Is Connected

If you already have an active call and a call on hold, press the Menu key and select `Transfer Call` from the "In-Call" menu. Your phone will then attempt to transfer the active call to the call on hold. The display will show `Transferring Call` followed by `Call Transferred`. Once the call has been successfully transferred, you will be disconnected automatically.

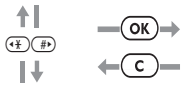
Using the Options Menu







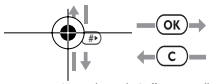
Menu Navigation



Items shown in ***Italics*** are available only when **Extended Menus** are switched on.

†Availability depends on the type and settings of the SIM card and/or your subscription to these services.

Menu Navigation

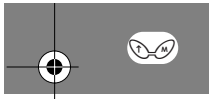


Items shown in ***Italics*** are available only when **Extended Menus** are switched on.

†Availability depends on the type and settings of the SIM card and/or your subscription to these services.

Special Keys

OK	Press to accept call, setting, option,...
C	Press to reject call, setting, option,...
↑ M	Press to access the options or phone book menus.
* #	Press both simultaneously to lock the keypad; also use to scroll left and right; in menus, use to scroll up and down.



Making a Call

Enter **Phone No.** OK.

Receiving a Call

Press OK.

Ending a Call

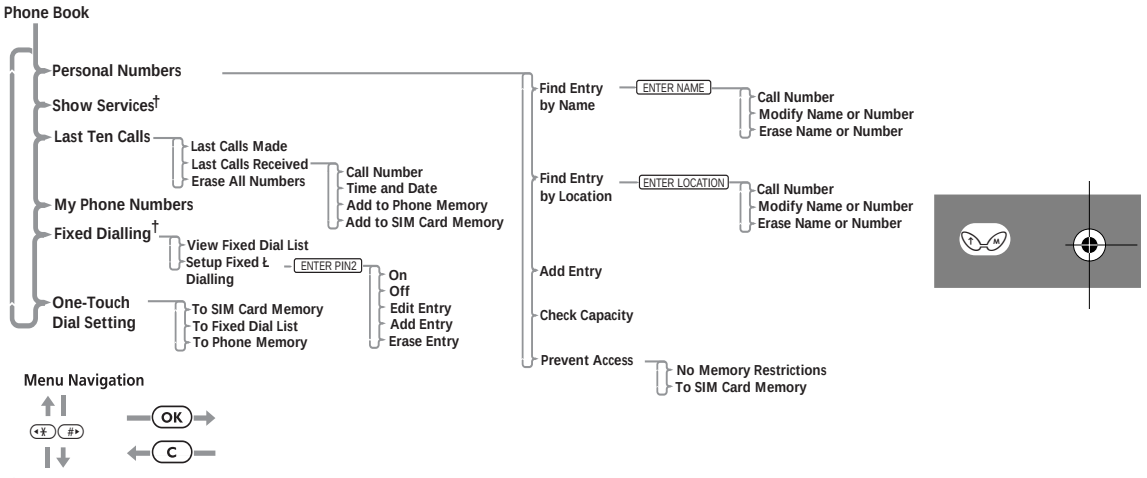
Press OK or C.

Making an Emergency Call

Enter 1 1 2ABC OK. The call will be directed to a central emergency operator.

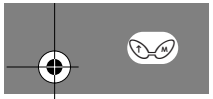
taishan.book Page 45 Thursday, March 1, 2001 8:53 AM

The Phone Book Menu



† Availability depends on the type and settings of the SIM card and/or your subscription to these services.

Using the Phone Book Menu



You can store names and telephone numbers as entries in the *Personal Numbers list* and in the *Fixed Dial list* on your SIM card.

The number of *Personal Numbers* entries depends upon the type of SIM card issued by your Cellular Service Provider.

You can also store up to 40 entries in a Fixed Dialling list if you have this feature. Fixed Dialling allows you to limit use of your phone to particular numbers.

Each Phone Book entry comprises:

- A phone number - up to 20 digits*.
- A name - up to 50 characters* but typically 10 or less.
- A location label - from 1 to 155* in your Personal Numbers list, or 1 to 40* in your Fixed Dial list.

How to Enter Alphabetic Characters

Use the 0 +, 1 ,... ...,8 TUV and 9 WXYZ to enter alphabetic characters, for example when storing names in the Phone Book.

For example, if you press the 5 JKL key, the first displayed character is J. If this is not the required character, press the same key again to show K. Another press displays L, another displays 5. Your phone will scroll through the characters available on the selected key with each new key press.

* *Dependent on SIM card.*

A long press of any key will switch all characters to lower case. A second long press will return to upper case.

To enter the next character, press the appropriate key. If the next character is on the same key as the previous one, press the (#▸) key first. Pressing the (#▸) key a second time will produce a space.

If you make a mistake, you can return to the incorrect character by pressing (◂ж).

To remove a character, press (C). The character before the cursor (ö) is deleted.

Press the (OK) key to store your entries.

Available Characters

Press these keys to enter the characters shown:

(1) Space . 1 ? ! , ë Ä & : " ( ) ' ¿ @ % ¡ $
Space . 1 ? ! , ë Ä & : " ( ) ' ¿ @ % ¡ $

(2ABC) A B C 2 [® ± V X È
a b c 2 { ¯ ± U X È

(3DEF) D E F 3 ° ¿ ¤ ╬
d e f 3 ° ¥ ¤ ╬

(4GHI) G H I 4 ╒ §
g h i 4 ╒ §

(5JKL) J K L 5 Á
j k l 5 Á

(6MNO) M N O 6] \ « ¨ µ
m n o 6 } | ¬ ¨ µ

(7PQRS) P Q R S 7 Â ß ¸
p q r s 7 Â ß ¸

(8TUV) T U V 8 W ^ ê
t u v 8 W ~ ê

(9WXYZ) W X Y Z 9 º ·
w x y z 9 º ·

(0+) + - 0 x * / = > < #
+ - 0 x * / = > < #

The top line for each key shows the upper case characters, the lower line shows the lower case.

Personal Numbers

The Personal Numbers sub-menu is used for creating and managing your list of personal numbers.

Find Entry By Name

This option is used to select a telephone number from a list of alphabetically sorted Phone Book names.

Once selected, this option displays `Enter Name`. You can enter up to three characters, but you do not need to enter all three characters to begin a search.

The Phone Book entries will be searched and the first alphabetically matching entry will be displayed.

If there isn't a name matching your entry, the nearest alphabetically matching entry will be displayed.

If you do not enter any name information, the first alphabetical entry will be displayed.

If there are no names stored, `No Names Stored` will be displayed.

To display adjacent Phone Book entries, use the (*) and (#) keys. When the desired name is displayed, press the (OK) key to select it. The phone then enters the options sub-menu for `Find Entry By Name`. See 'The Options for 'Find Entry By ...''.

Find Entry By Location

Location (#)

This option is used to select a telephone number from a list of numerically sorted Phone Book locations.

Once selected, this option displays `Enter Location`. You can now enter a location number. If the entered location is not valid, `Range 1-XXX` is displayed, and then the phone returns to `Enter Location`.

The Phone Book entries will be searched and an entry will be displayed.

If you enter a location number for which there is no entry, `Location Empty` will be displayed and the nearest non-empty location will be selected instead.

If you did not enter a location, the first numerical entry will be displayed.

If there are no numbers stored, `No Numbers Stored` will be displayed.

To display adjacent Phone Book entries, use the (*) and (#) keys. When the desired name is displayed, press the (OK) key to select it. The phone then enters the options sub-menu for `Find Entry By Location`. See 'The Options for 'Find Entry By ...'' below.

The Options for 'Find Entry By ...'

Once a Phone Book entry has been selected, it can be called, modified or deleted.

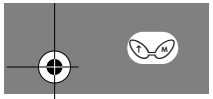
Call Number

This option is used to call the selected Phone Book telephone number.

Modify Name or Number

This option is used to change the selected Phone Book entry.

The entry's current telephone number and name will be presented, in turn, for modification. You can accept the current settings or modify as required.



Erase Name and Number

This option is used to erase the selected Phone Book entry.

Simply press the (OK) key when the phone displays the message `Erase Name And Number`. The option will display the timed message `Erased XXX` and then return to the `Find Entry` menu item.

Add Entry

This option is used to add (store) entries to the SIM Card or phone.

Check Capacity

This option is used to check the number of free entries in the phone or SIM card memory area.

Check SIM Capacity, Check Phone Capacity

Select these to display a timed message `XX Unused Locations`.

Prevent Access

This option enables you to prevent access to the Personal Numbers list.

To SIM Card Memory, To Phone Memory, No Memory Restrictions

You can prevent access to all entries in the SIM card memory, the phone memory, or both. To cancel all access restrictions use the `No Memory Restrictions` option.

When you change the restrictions, you will be requested to enter the Security Code before the change is made.

Last Ten Calls

These options allow you to review your most recently used phone numbers. Depending on the option you choose, you can then redial a phone number or erase all of the phone numbers.

After you select an option, use the (*) and (#) keys to scroll through the list of phone numbers. Press the (OK) key to proceed.

Last Calls Made

Select this option to redial the phone number of any one of the last ten calls made.

Last Calls Received

Select this option to redial the phone number of any one of the last ten calls received. You can store any of the phone numbers in your phone book.

You will only see numbers in the Last Calls Received list if you have Caller Line Identification.

When you scroll through your last ten calls, each call appears with a call position number, for example:1+, 2-, 3+ ... 10+. A + symbol indicates that you answered the call. A - symbol indicates that you did not answer the call.

Press the (OK) key to select a phone number. You can then scroll through and select one of the following options:

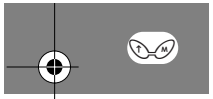
Call Number

Select this option to call the phone number.

Time and Date

This option displays the time and date of the received call.

Erase All Numbers



This option erases all the numbers stored in your Last Ten Calls Made and Last Ten Calls Received lists.

The Last Ten Calls lists will be erased when a new SIM is inserted in the phone.

My Phone Number(s)

This option allows you to access your cellular phone numbers so that you can retrieve or modify them when required. For example, if you have difficulty remembering your cellular phone number, store it with the name `My Phone` and then you will be able to retrieve the number as required.

The My Phone Number(s) list is stored on your SIM card.

When you select this item, the first location will be displayed. Use the ⟨*⟩ and ⟨#⟩ keys to scroll through the phone numbers stored.

To enter or change a number, scroll to the location and press (OK). You will be prompted to enter a phone number and then a name. Press (OK) to store the information.

Depending on your Cellular Service Provider, you may find that one or more of the entries in the My Phone Number(s) list will have been defined. You may not be able to change these predefined entries.

Fixed Dialling

Availability of the Fixed Dialling menu depends on the type of SIM card.

This feature allows you to limit use (typically third-party use) of your phone to a predefined list of telephone numbers or, if you wish, to a list of country codes, area codes, or other prefixes of your choosing.

When Fixed Dialling is active, you can only dial numbers that are stored (or whose prefixes are stored) in the Fixed Dial list. If you attempt to dial any other number (except an emergency number), the message `Restricted` will be displayed.

To make a call when Fixed Dialling is active, dial the number manually, or select it from the Fixed Dial list and press (OK).

Up to 40 entries can be stored in the Fixed Dial list. The list is stored on your SIM card.

This option may be affected by the Call Barring setting.

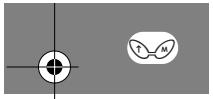
View Fixed Dial List

This option allows you to scroll through the numbers in the Fixed Dial list. When you find the number you want, press (OK) to make the call.

Setup Fixed Dialling

This option allows you to switch Fixed Dialling on or off and to enter or change entries in the Fixed Dial list.

You will be prompted to enter your PIN2 security code when you select this option.



On

Switches fixed dialling on.

Off

Switches fixed dialling off.

Edit Entry

Modifies or clears an entry in the Fixed Dial list. When you select this option, the first non-empty location in the list will be displayed. Scroll to the entry you want to change and press (OK). You will be prompted to edit the phone number and the name. To erase the entry, press (C).

Add Entry

Adds a phone number and name to the Fixed Dial list. When selected, this option prompts you to enter a phone number, name, and location number. If you do not specify a location number, the entry is stored in the next available location.

When setting up your Fixed Dial list, you may want to reserve the first nine locations for phone numbers you wish to One-Touch Dial. See also 'One-Touch Dial Setting'.

Erase Entry

Erases a phone number and name from the Fixed Dial list. The first entry in the Fixed Dial list will be displayed. Scroll to the entry you wish to delete and press (OK).

One-Touch Dial Setting

This option allows you to specify which Phone Book list can be One-Touch dialled.

To SIM Card Memory

Switches One-Touch dialling to your Personal Numbers list stored on your SIM card (locations 101 to 109).

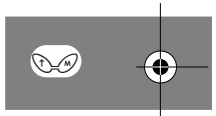
To Fixed Dial list

☞ *This option is only available if you have Fixed Dialling.*

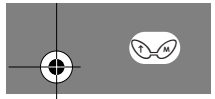
Switches One-Touch dialling to your Fixed Dial list (locations 1 to 9).

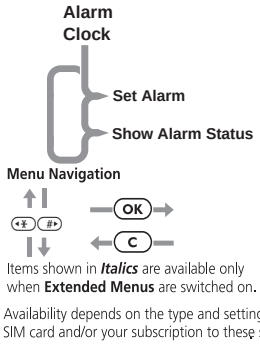
To Phone Memory

Switches One-Touch Dialling to your Personal Numbers list stored in your phone memory.



Alarm Clock Menu





Items shown in ***Italics*** are available only when **Extended Menus** are switched on.

† Availability depends on the type and settings of the SIM card and/or your subscription to these services.

Set Alarm

This option is used to set an alarm on your phone. You can set five types of alarms, and you can enter a text message to appear when an alarm arrives.

OneTime

Sets a one-time alarm and message to appear at a specified time and date.

Daily

Sets an alarm and message to appear at the same time every day.

Weekly

Sets an alarm and message to appear once a week at the same day and time.

Mon-Fri

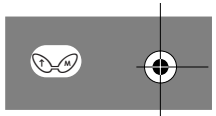
Sets an alarm and message to appear at the same time Monday through Friday.

Mon-Sat

Sets an alarm and message to appear at the same time Monday through Saturday.

OK *Show Alarm Status*

This option lets you view, edit, or disable the alarms on your phone. The option initially displays the `Number of Alarms Set`. Press the (*) and (#) keys to scroll to an alarm you want to view, edit or disable.



Disable Alarm

Disables the selected alarm.

Edit Alarm

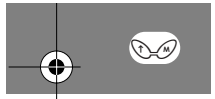
Opens the same displays that you saw when you set the alarm, so that you can change the alarm's day, time, or message.

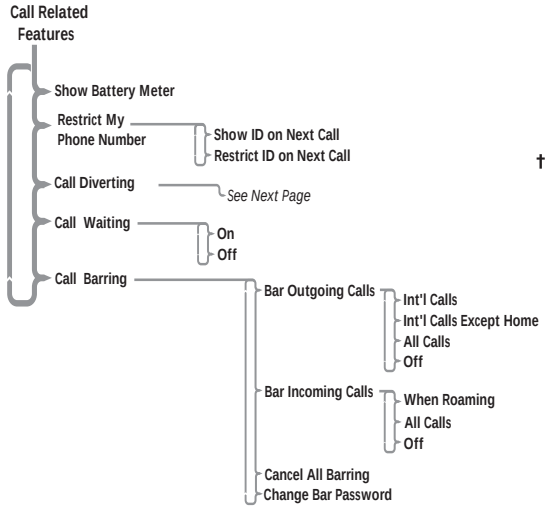
Go to Next Alarm

Displays the next alarm that is due to arrive. If no alarm is set, this displays the message `No Alarm Set`.

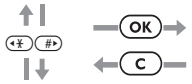
taishan.book Page 58 Thursday, March 1, 2001 8:53 AM

Call Related Features Menu





Menu Navigation

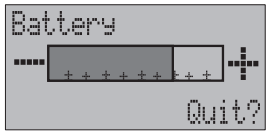


Items shown in ***Italics*** are available only when **Extended Menus** are switched on.

† Availability depends on the type and settings of the SIM card and/or your subscription to these services.

Show Battery Meter

This option displays the approximate amount of battery capacity remaining, for example:



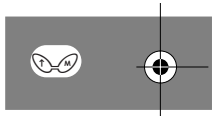
Number of Segments	Approximate Charge Level
1	less than 5% (recharging needed)
3	less than 20%
5	less than 60%
7	greater than 60%

Restrict My Phone Number

'Restrict My Phone Number' is a network feature. You will need to subscribe to one of the two Caller Line Identification restriction features with your Cellular Service Provider.

Show ID on Next Call

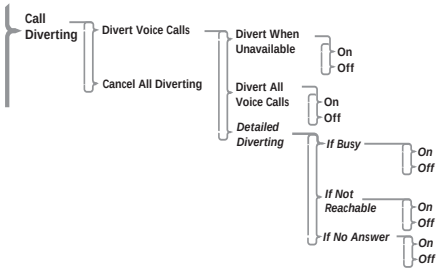
Your phone number is sent with the next attempted call. After this, your phone number will not be sent until you re-select this option.



Restrict ID on Next Call

Your phone number will not be sent with the next attempted call. After this, your phone number will be sent with calls until you re-select this option.

Call Diverting



Call diverting is a network feature. If your phone is unavailable, or you do not wish to receive calls, incoming calls can be diverted to other phone numbers.

This option can be used to:

- Divert all incoming Voice calls unconditionally.
- Divert incoming Voice calls whenever your phone is unavailable, busy, not reachable or not answered.
- Reset all divert options to off.

You cannot change the call divert settings when you are out of network coverage.

After selecting any of the call divert options there will be a short delay while the phone asks the network for the current setting.

Divert Voice Calls

This option will allow you to set your phone to *Divert When Unavailable*, *Divert All Voice Calls* or *Detailed Diverting*.

Divert When Unavailable

This option will enable you to divert all incoming Voice calls to a single number, whenever your phone is unavailable.

The option has two settings, `On` or `Off`.

If you change the setting to `On`, you will be asked to enter a diversion phone number using the digit keys.

☞ *Setting* `Divert When Unavailable` *to* `On` *will have the same effect as setting all* `Detailed Diverting` *options to* `On`*.*

☞ *When* `On`*,* `Divert When Unavailable` *takes priority over detailed divert settings.*

Divert All Voice Calls

This option will enable you to *unconditionally* divert all incoming Voice calls to a single number.

The option has two settings, `On` or `Off`.

If you change the setting to `On`, you will be asked to enter a diversion phone number using the digit keys.

☞ *When* `On`*,* `Divert All Voice Calls` *takes priority over all other Voice call diversion settings.*

Detailed Diverting

These options will enable you to divert Voice calls to different numbers, depending upon the current status of your phone.

Each of the following detailed diverting options operate in the same way.

Each option has two settings, `On` or `Off`.

If you change the setting to `On`, you will be asked to enter a diversion phone number using the digit keys.

☞ *Detailed divert settings are ignored while* `Divert All Voice Calls` *or* `Divert When Unavailable` *are* `On`*.*

`If Busy`

This option will divert incoming calls if your phone is busy.

`If Not Reachable`

This option will divert incoming calls if your phone cannot be contacted by the network.

`If No Answer`

This option will divert incoming calls if you do not answer the call.

Call Waiting

The Call Waiting menu item has two settings `On` or `Off`. If you select `Off`, you will be not be notified of waiting calls. The person trying to contact you will either receive the busy tone, or be diverted by the '`Detailed Diverting - If Busy`' option.

If Call Waiting is `On`, you will be notified of a waiting call by an audible alert and by the message `Call Waiting - Answer?`. You can press the (OK) key to accept the waiting call, or use the (*) and (#) keys to scroll to an alternative option and then press (OK).

Availability of this feature depends on your service provider. If you have Caller Line Identification, the caller's number or name is displayed instead of the Call Waiting message.

Call Barring

Call barring is a network feature which can be used to selectively bar outgoing and incoming calls.

If you change the barring setting, you may be asked to enter your barring password. There will be a short delay while the phone notifies the network of the new setting. When the change has been made by the network, the phone will display a confirmation message.

The *initial* password will be supplied to you by your Cellular Service Provider when you subscribe to this service.

This option may be affected by the Fixed Dialling setting.

Bar Outgoing Calls

After selecting this option, there will be a short delay while the phone asks the network for the current setting.

Int'l Calls

When selected, this option will bar outgoing international calls.

Int'l Calls Except Home

When selected, this option will bar outgoing international calls, except those to your home country.

All Calls

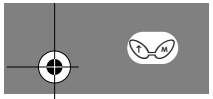
When selected, this option will bar all outgoing calls, except emergency calls.

Off

When selected, this option will disable all call barring for outgoing calls.

Bar Incoming Calls

After selecting this option, there will be a short delay while the phone asks the network for the current setting.



When Roaming

When selected, this option will bar incoming calls when you are roaming.

You may wish to select this option, as some Cellular Service Providers charge an additional fee for receiving calls when you are roaming.

All Calls

When selected, this option will bar all incoming calls.

Off

When selected, this option will disable all call barring for incoming calls.

Cancel All Barring

This option can be used to set all Call Barring options to `Off`.

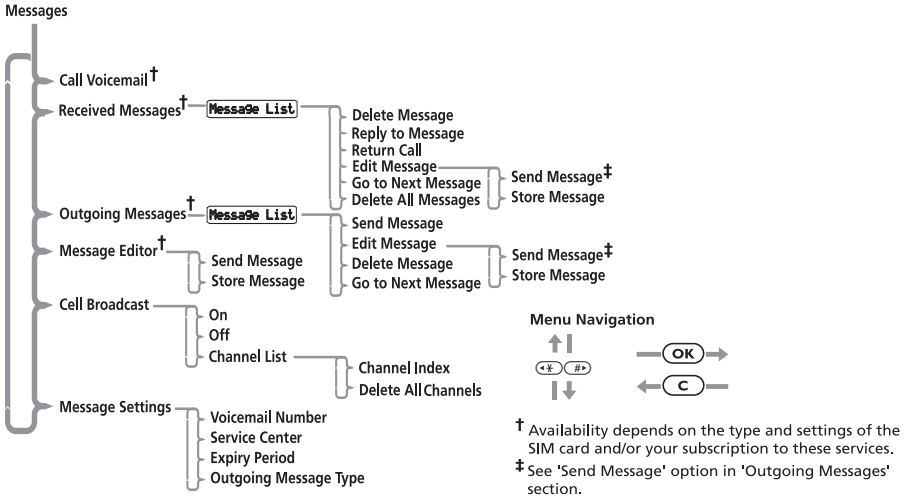
Change Bar Password

This option can be used to change the call barring password.

After selecting this option, you will be asked to enter the current password.

You will then be asked to enter, and then re-enter, your new, **4 digit**, barring password. When the change has been made by the network, the phone will display a confirmation message.

Messages Menu



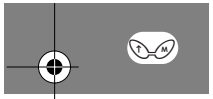
† Availability depends on the type and settings of the SIM card and/or your subscription to these services.

‡ See 'Send Message' option in 'Outgoing Messages' section.

Your phone supports Short Message Services (SMS) and Cell Broadcast messages.

SMS Messages

SMS messages are text messages sent specifically to and from your phone number.



When it receives an SMS message, your phone:

- Makes three short alert tones and displays the ✉ (messages) icon.
- Stores the message for later viewing, if there is space. If there is not enough space, the ✉ icon will flash. You must remove one or more messages before the message can be stored.

  Your Service Provider transmits a message for a limited time.

  If no memory location is made available before the message is removed from the network, you will not be able to receive or read it.

Your phone then displays `Message` and the prompt `Read Now?`

If you press (OK), the phone enters the Received Messages browser and immediately displays the new message.

If you press (C), the phone returns to the screen displayed before the message was received.

If you press any other key, it performs the function linked with it.

If no key is pressed, the display times out after one minute and return to the screen that was displayed before the message was received.

Cell Broadcast Messages

These are general messages that your service provider broadcasts to all phones in a geographic area. Your phone can only receive a cell broadcast message when it is in idle mode.

Messages are broadcast in numbered 'channels'. For example, channel 050 might be for local weather, traffic reports or stock market prices. Please contact your service provider for a list of available channels and the information they provide.

While a broadcast message is scrolling across the display, you can stop and start it by pressing (*). Press (#) to restart the message from the beginning. If you want to remove the message from the display, press (C).

To use the (*) and (#) keys for their normal functions while you are receiving a cell broadcast message, you must first remove the message.

When the message has scrolled across the display, the beginning of the message remains until you remove it, a new message arrives, or you leave the geographic area. For set up details, see *Cell Broadcast*.

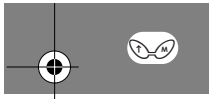
How to Read SMS Messages

Use the (*) and (#) keys to scroll through messages in either the Received Messages or Outgoing Messages lists.

To display a specific message, enter the message number. For example press (5 JKL) to display the 5th message. If the message does not exist, `Invalid Msg Number` will be displayed.

Alternatively, to display the next message, press (OK) and select `Go To Next Message`.

How to Create and Edit SMS Messages



Use the *Message Editor* to create or modify text messages. When you enter the editor, the last message that was edited will be displayed. Press and hold (C) to clear the message and start a new one, or modify the message displayed. For an explanation of how to enter text, see 'How to Enter Alphabetic Characters'.

Press (OK) once you have completed your message. You will then be presented with the following options:

`Send Message` - If you select this option you will be prompted for a phone number. Enter the number and then press (OK) to send the message.

`Store Message` - Select this option to store your edited message in your Outgoing Messages list.

If you don't store the message after it has been edited, you will lose all your changes as soon as you select another message to be edited.

Call Voicemail

This option will make a call to the current voicemail number. To enter the number, see "Voicemail Number" on page 73.

Received Messages

This option is used to view and manage any SMS messages that have been sent to your phone number.

When selected, this option will display a message indicating the total number of messages and how many of these are new. If there are no messages, `No Messages` will be displayed.

If there are messages, the new messages will be displayed first, followed by the old. Repeated presses of the (#▸) key will display the whole message, when it was sent and the phone number who sent it (if available).

Once you have read a new message it will automatically become old.

See 'How to Read SMS Messages' for more information on navigating through the messages.

Press the (OK) key, when viewing any message, to enter the sub-menu.

Delete Message

This option will delete the currently viewed message.

Reply to Message

This option allows you to reply with a message.

Return Call

This option can be used to call the person who sent you the message, if their number has been included by the network, or a number that has been included in quotes " " in the message.

taishan.book Page 70 Thursday, March 1, 2001 8:53 AM

Edit Message

This option allows you to use the Message Editor to edit the selected message and then to either send the modified message and/or store it in your Outgoing Messages list. See 'How to Create and Edit SMS Messages' for more information on using the Message Editor.

Go to Next Message

This option will display the next received message.

If you are currently reading the last message in your list, then this option will take you back to the top of the list.

Delete All Messages

This option allows you to delete all received messages whether they have been read or not.

☞ *Once deleted, messages are NOT retrievable.*

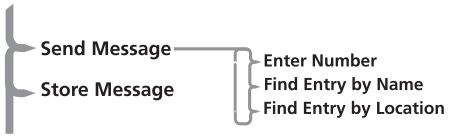
Outgoing Messages

This option is used to view and manage any outgoing messages. These messages will be stored on your SIM card. When you select this option, the total number of messages will be displayed followed by the first message in the list.

☞ *You cannot send an outgoing message until the Message Service Centre number has been set. See 'Message Settings'.*

Press the (OK) key, when viewing any message, to enter the sub-menu. See 'How to Read SMS Messages' for more information on navigating through the messages.

Send Message



This option allows you to add the destination phone number using a sub-menu. Using the scroll keys, you can select:

Enter Number - this allows you to manually enter the phone number using the keypad and send the message.

Find Entry by Name - this allows you to recall a phone number from the Phone Book by name and send the message (see "Find Entry By Name" on page 48).

Find Entry by Location - this allows you to recall a phone number from the Phone Book by location and send the message (see "Find Entry By Location" on page 48).

Edit Message

This option allows you to use the Message Editor to edit the selected message and then to either send the modified message or store it in your Outgoing Messages list. See "How to Create and Edit SMS Messages" on page 68 for more information on using the Message Editor.

Delete Message

This option will delete the currently viewed message.

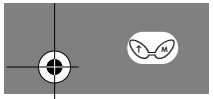
Go to Next Message

This option will display the next outgoing message.

taishan.book Page 72 Thursday, March 1, 2001 8:53 AM

Message Editor

The Message Editor is used to edit the currently selected message and then to either send the modified message or store it in your Outgoing Messages list. See 'How to Create and Edit SMS Messages' for more information on using the Message Editor.



Cell Broadcast

This option determines the cell broadcast settings. See also "Cell Broadcast Messages" on page 67.

On

Select `On` to receive cell broadcast messages. You must then use `Channel List` to specify the appropriate channels.

Off

When you select `Off`, you do not receive any cell broadcast messages and you automatically delete all existing cell broadcast messages.

Channel List

Select either `Channel Index` or `Delete All Channels`.

Channel Index

This option allows you to select up to five different channels for receiving cell broadcast messages. If you modify a channel, you also remove any message associated with it.

Use the (*) or (#) key to highlight the channel index you require (1-5) and then press (OK). The phone prompts you to `Enter Channel`.

taishan.book Page 73 Thursday, March 1, 2001 8:53 AM

Type in the channel number and press (OK). The phone stores the channel details and returns you to the channel index list.

Contact your service provider for a list of available channels and the information they provide.

Delete All Channels

This option deletes all the channels and all the existing messages.

Language List

Select the language used for the broadcast messages sent to you.

English

Use English as the only broadcast message language

Automatic

Automatically selects the language for broadcast messages

Message Settings

Voicemail Number

Use this option to enter a phone number to be used by the 'Call Voicemail' option.

If there is already a Voicemail Number, this will be shown in the display. This can be used, modified or deleted as desired.

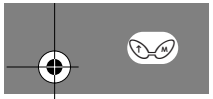
Remember to add the + symbol and the appropriate country code prefix to the phone number.

Service Centre

Before you can send messages, you must use this option to enter your Message Service Centre number, which is obtained from your Cellular Service Provider.

If there is already a Message Service Centre number, this will be shown in the display. This can be used, modified or deleted as desired.

☞ *Remember to add the + symbol and the appropriate country code prefix to the phone number.*



Expiry Period

You can use this option to specify the maximum time, in hours, that your undiverted messages are to remain with the Message Service Centre before being deleted. When you select this option, the current expiry period will be displayed (the default is 24 hours).

The maximum value you can enter is 10584 (441 days), though the real limit will depend on your Message Service Centre.

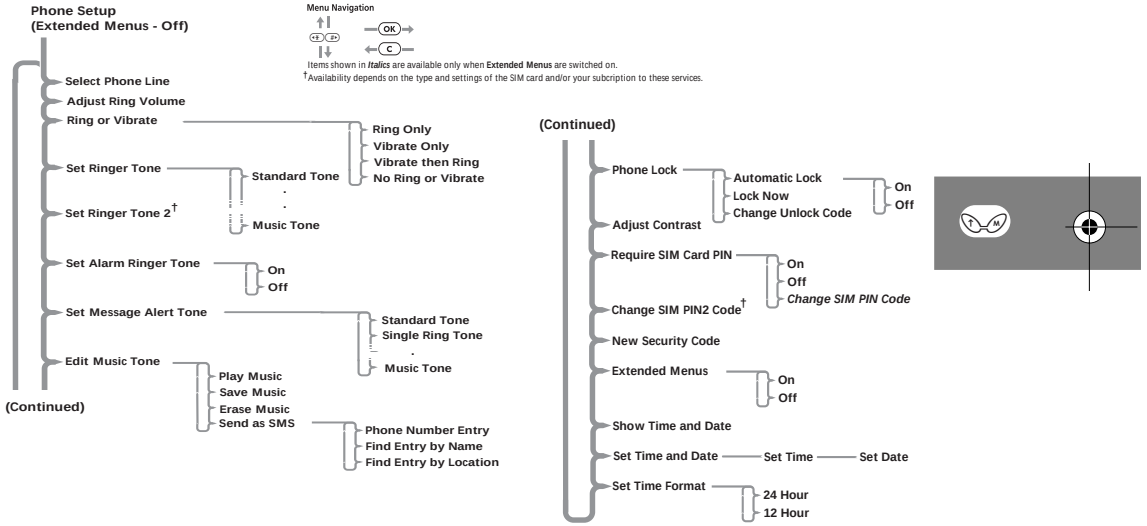
Outgoing Message Type

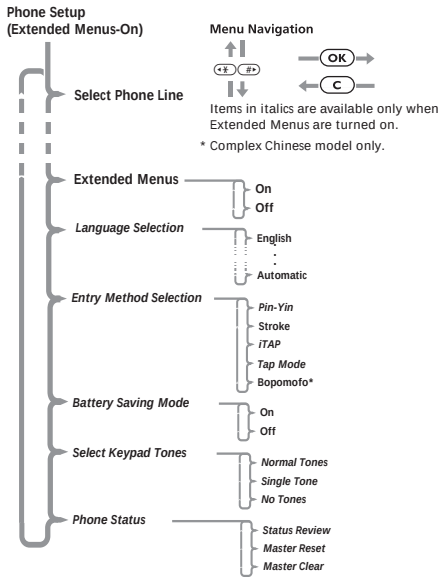
This option is network dependent and can be used to specify the format of your outgoing messages. You can select from the following message types: `Text` (default), `Fax`, `X400`, `Paging`, `E-Mail`, `ERMES` or `Voice`.

☞ *You do not need to select* `Voice` *to send messages to Voicemail boxes.*

taishan.book Page 75 Thursday, March 1, 2001 8:53 AM

Phone Setup Menu





Select Phone Line

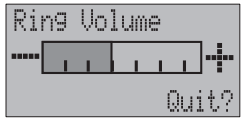
This option allows you to switch between `Line 1` and `Line 2`.

Availability depends on the type and settings of the SIM card, and/or your subscription to this feature. Not available when you are using the GSM 900 band.

Adjust Ring Volume

This option is used to set the incoming call ring tone volume.

The volume will be displayed as follows:



Adjust the volume by pressing the volume buttons on the side of your phone.

Ring or Vibrate

This option tells the phone to ring, vibrate, do both, or do neither when an incoming call arrives.

Ring Only

Sets the phone to ring when an incoming call arrives.

Vibrate Only

Sets the phone to vibrate when an incoming call arrives.

Vibrate then Ring

Sets the phone to vibrate, then ring when an incoming call arrives.

No Ring or Vibrate

Sets the phone to only display a message when an incoming call arrives.

Set Ringer Tone

This option sets the tone your phone will make when an incoming call is received on Line 1.

Standard Tone

Your phone makes a standard ringing tone.

Single Ring Tone ... Music Tone

When selected, your phone will produce one of these alternative ringer tones.

If you select the Single Ring Tone option, the phone will only ring once when a call is received.

Set Ringer Tone 2

This option sets the tone your phone will make when an incoming call is received on Line 2.

This option will not appear if you do not subscribe to Line 2.

Phone Lock

This option is used to set and change the unlock code.

The unlock code can be set to protect your phone from unauthorized use. It can be set to automatically lock your phone each time it is switched on.

The unlock code is a four digit number which is set at manufacture to **1234**. This can be changed at any time by using the `Change Unlock Code` option.

Automatic Lock

This option can be used to automatically lock your phone each time it is switched on. The option has two settings, `On` or `Off`.

Lock Now

This option can be used to immediately lock your phone. Once selected, your phone will be unusable until the unlock code is entered.

Change Unlock Code

This option is used to change the unlock code.

After selecting this option, you will be asked to enter the current security code before you can proceed.

You can now enter a four digit code to replace the old code.

By pressing the M key, you can access this option even when the phone is locked.

Require SIM Card PIN

This option is used to set and change the PIN code. The PIN code can be set to protect your SIM card from unauthorized use. If set to `On`, access to your SIM card will be restricted each time it is inserted or the phone is turned on.

The option has two settings, `On` or `Off`.

If the SIM card does not support PIN code disabling, these items will not appear.

Change SIM PIN Code

This option is used to change the SIM card PIN code. The 'Require SIM Card PIN' option must be set to `On` and you must enter the old PIN code before you can proceed.

You are prompted to enter a new, four- to eight-digit replacement code. You must enter the new code again as confirmation.

If the PIN number is entered incorrectly three times in a row, your SIM card will automatically lock-up and the `Blocked` ***message will be displayed.***

Unblocking Your Phone

If you see the `Blocked` message, you will need to enter an unblock code and key sequence before you can use the phone.

The 8 digit PIN unblocking code will have been provided with your SIM card by your Cellular Service Provider.

To unblock your phone, enter:

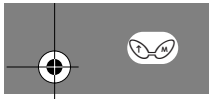
(*) (*) (0 +) (5 JKL) (*) **Unblock Code**
OK **New PIN Code** OK **New PIN Code**
OK

taishan.book Page 80 Thursday, March 1, 2001 8:53 AM

The new PIN code must contain four to eight digits.

If this operation is performed incorrectly 10 times in a row, your SIM card will become permanently blocked.

Change SIM PIN2 Code



This option is used to change your PIN2 security code.

When you select this option you must enter the old PIN2 security code before you can proceed.

You will be asked to enter a new, four to eight digit code to replace the old PIN2 security code. The new PIN2 security code must be entered again as confirmation.

If the PIN2 security code is entered incorrectly three times in a row, the `Blocked` ***message will be displayed.***

When the `Blocked` message is displayed, you are not allowed access to menu items that require you to enter the PIN2 code, for example `Setup Fixed Dialling` and `Call Charge Settings`.

If you receive the `Blocked` message when you try to enter your PIN2 code, you will need to unblock and change the code using the following key sequence:

(*) (*) 0+ 5JKL 2ABC (*)
Unblock Code OK **New PIN2 Code** OK
New PIN2 Code OK

The 8-digit unblocking code will have been provided with your SIM card by your Cellular Service Provider.

If the PIN2 unblocking operation is performed incorrectly 10 times in a row, your PIN2 code will become permanently blocked.

New Security Code

The security code is used to control access to security and other options within the menus.

This option is used to change the security code, which is set by the manufacturer to **000000**.

Once selected, you will be asked to enter the current security code before you can proceed.

You will then be asked to enter a new, six digit code to replace the old security code.

In order to safeguard your phone, you should change your security code from the factory setting as soon as possible.

Set Alarm Ringer Tone

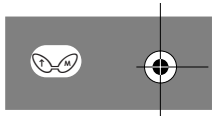
This option allows you to turn the alarm ringer tone on or off.

Set Message Alert Tone

This option sets the tone your phone makes when it receives an SMS message.

Standard Tone

Your phone makes a standard SMS alert tone.



Music Tone ...

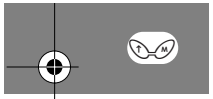
Options other than Standard Tone are termed as Music Tones.

When selected, your phone will produce one of these alternative SMS alert tones.

If you select the Single Ring Tone option, the phone will only ring once when it receives a SMS message.

Edit Music Tone

Select this option to create your own music tone. Your phone prompts you to `Edit Music:`. User your phone keypad to enter the musical notes. See ‘How to Enter Alphabetic Characters’.



The first character sets the overall speed of the music, from 1 (slow) to 4 (fast). You must leave a space between the speed character and the rest of the music. You must also leave a space between each note. Each music tone can have a maximum of 35 notes.

To enter notes, use the note’s letter abbreviation (A to G, or R for “Rest”), followed by # if the note is a sharp. To make the note an octave higher or lower, put a + or a - directly after the note.

Unless you specify otherwise, each note is a quarter note which sounds for one beat. To specify the length of the note, put a number from 1 to 8 directly after the note’s letter. The higher the number, the longer the note will last.

When you finish editing the music tone, press (OK). You can then select to `Play Music`, `Save Music`, `Erase Music` or `Send as SMS`.

Play Music

This option will play back the current user-composed ringer tone.

Save Music

This option will save the latest user-composed ringer tone and override the tone that was previously stored in the phone memory.

Erase Music

This option will erase the latest user-composed ringer tone and replace it with the standard pre-programmed musical tone.

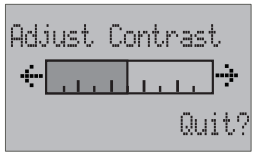
Send as SMS

This option will allow you to send the current composed ringer tone stored in your phone to other compatible Motorola phones.

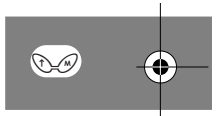
Adjust Contrast

This option is used to adjust the screen contrast.

The contrast is displayed as follows:



Adjust the contrast by pressing the (*) and (#) keys. Pressing (OK) or (C) on the keypad will end the contrast adjustment.



Extended Menus

This option is used to switch the extended menus on or off.

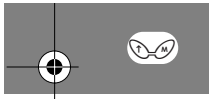
If the extended menu option is switched off, you cannot access extended features.

Show Time and Date

When selected, this option displays the time and date until any key is pressed.

Set Time and Date

This option is used to set the time and date. You will be prompted to `Enter Time`. The time must be entered in 24-hour format. You will then be prompted to `Enter Date`.



Set Time Format

This option is used to set the clock to either 12-hour or 24-hour format.

Language Selection

This option is used to change the language for display messages. The option has multiple settings.

When you select a language, all further display prompts and help messages will be in the selected language.

Entry Method Selection

This option allows you to select the default entry method for editing text on your phone. Press (#▸) to display each available option. Then press (M) to select an entry method.

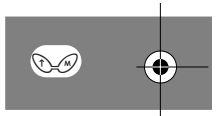
If iTAP does not support the current language set up for your phone, then only Tap is available. Your phone displays `Not Available` *when you press (M).*

You use the phone keypad (0 +, 1 to 9 wxyz) to enter text on you phone. There are five different ways to enter text:

`iTAP`	Press a key to generate a character, and a dynamic dictionary uses this to build and display a set of word or name options. Please note that iTAP may not be available on the phone in all languages.
`Tap`	Press a key to generate a character.
`Numeric`	The keypad produces numeric characters only. For some text areas, this is the only method available (phone numbers, for example).
`Pin-Yin/ Stroke`	When using Simplified Chinese, this method lets you enter Simplified Chinese words.
`Zhu-Yin`	When using Complex Chinese, this method lets you enter Complex Chinese words.

Battery Saving Mode

This option can help you to conserve battery power by activating DTX (Discontinuous Transmission), and deactivating the backlight for incoming Cell Broadcast messages.



The option has two settings: `On` and `Off`.

Select Keypad Tones

This option allows you to change or disable the tones you hear when you press a key.

The option has three settings: `Normal Tones`, `Single Tone` and `No Tones`.

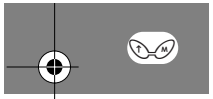
taishan.book Page 86 Thursday, March 1, 2001 8:53 AM

Phone Status

Status Review

Use Status Review to view current menu options whose settings have changed from their defaults. Press the (#▸) key to view each item and its setting.

Master Reset



! This option should be used with caution.

Use this option to restore certain phone options to their original settings.

When you select Master Reset, your are prompted to enter the security code. Master Reset then performs the following:

- Cancel Automatic Answer, Audible Call Timers, In-Call Display Meter, Battery Save (DTX), Automatic Lock and Cell Broadcast.
- Return Language Selection to Original.
- Restore Keypad Tones to Normal, Ringer Tones to Standard, SMS Alert Tones to Standard, Volume Level to Medium and Network Search frequency to Medium.
- Restore Extended Menus to their default settings.
- Return the band selection to the default setting.

Master Clear

! This option should be used with extreme caution. For example, it will clear all the Phone Book entries.

This option is used to restore certain phone options to their original settings.

When you select Master Clear, you are prompted to enter the security code. Master Clear then performs the same operations as 'Master Reset', plus these additional operations:

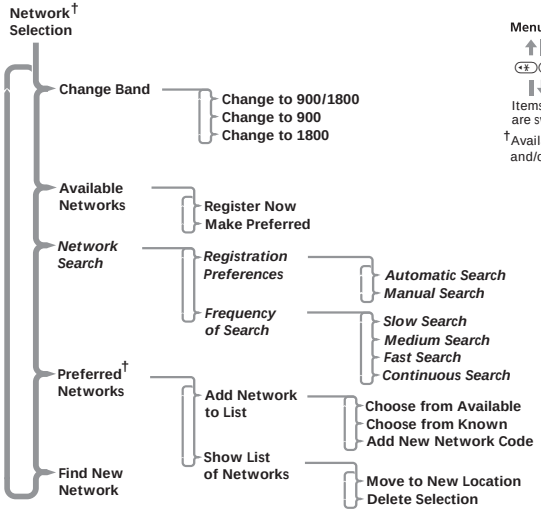
- Clear the Last Calls Made and Last Calls received list.
- Clear the Message Editor.
- Reset the Resettable Call Timers.

Master Clear does **not** clear the:

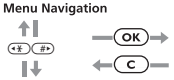
- Fixed Dial list
- My Number(s) list
- Charge Meters
- Received and Outgoing Messages list
- Voicemail number
- SMS Service Centre number
- Lifetime timer.

taishan.book Page 88 Thursday, March 1, 2001 8:53 AM

Network Selection Menu



Menu Navigation



Items shown in ***Italics*** are available only when **Extended Menus** are switched on.

†Availability depends on the type and settings of the SIM card and/or your subcription to these services.

Network Selection

To make and receive phone calls, your phone must register with one of the available networks. The phone works with any of these networks: GSM 900, GSM 1800 and combined GSM 900/1800.

Your phone automatically searches for the last network used. If this network is unavailable, your phone will attempt to register with a new network.

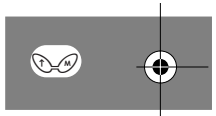
When your phone needs to register with a new network, it will generate a sorted list of networks.The network list is sorted in the following order:

- The Home network.
- Networks from a preferred list.
- A random list of other networks found above a certain signal strength.

Any forbidden networks stored in the SIM card will not be included in the sorted list.

Change Band

The country where you purchased your phone determines the default band that it uses. When you travel abroad, you must remember to change to an appropriate band.



Use this option to change the band of operation for your phone.

The country where you purchased your phone also determines which of the following options are available:

- GSM 900/1800 (referred to as 900/ 1800)
- GSM 900 (referred to as 900)
- GSM 1800 (referred to as 1800)

When you select Change Band, your phone prompts you to `View Options?`. Press (OK) and then use the (#▸) key to scroll through the options. Press (OK) to select the band you require.

When you select a new band, your phone displays the confirmation message `Changed to XXX` and then automatically searches all the available networks.

Your phone then attempts to register with a preferred network within the selected band.

If you re-select the currently selected band, the confirmation message still appears but the band is not changed and the phone does not attempt to register with any other network.

You cannot change bands during a call. If you attempt to change bands during a call, your phone displays `Can't Access Network` *and then returns to the in-call display*

Available Networks

When selected, this option will scan to see which networks are operating in your current location. When the scan is complete, press the (#▸) key to scroll through the list. When you see a network you wish to register with or store in your preferred list, press the (OK) key. You will now enter the `Register Now` and `Make Preferred` sub-menu.

Register Now

Once selected, your phone will try to register with the selected network. If the registration fails, your phone will try to register in the normal way.

Make Preferred

Once selected, you will be asked where the selected network is to be located in the preferred list.

Network Search

These options determine how often your phone tries to register with a network and how the attempt is made.

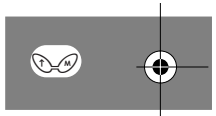
Registration Preferences

This option determines how the phone tries to register with a network.

The option has two settings: `Automatic Search` or `Manual Search`.

Automatic Search Mode

In the automatic mode, the phone will try to register with the first network in the sorted list. If this is successful, your phone will display the network name and then enter the standby mode.



If registration is unsuccessful with one network in the list, your phone will try the next listed network. If your phone fails to register with any of the listed networks, it will start at the beginning of the list after a preset period. The preset period is determined by the 'Frequency Of Search' option.

Manual Search Mode

In manual mode, the phone presents you with a sorted list of networks. Use the the (*), (#) and (OK) keys to select a network from the list. Your phone will try to register with the selected network. If this is successful, the phone displays the network name and enters the standby mode.

If registration is unsuccessful, your phone will present the list again after a preset period. The preset period is determined by the 'Frequency of Search' option.

Frequency of Search

Use this option to determine how long your phone waits before attempting to re-register after a failed registration attempt.

The option has these settings: `Slow Search`, `Medium Search`, `Fast Search` or `Continuous Search`.

Fast and Continuous Search may use up a significant amount of battery power.

Preferred Networks

Add Network to List

This option enables you to add networks to your preferred list.

When selected, `Choose from Available` scans for networks operating in your current location. When the scan is complete, press (#) to scroll through the list. When you see a network you wish to store in your preferred list, press (OK). When prompted, enter a location in the list to store the selected network.

When selected, the `Choose from Known` option presents a preset list of networks. Press (#▸) to scroll through the list. When you see a network you wish to store in your preferred list, press (OK). You will be asked where the selected network is to be located in the preferred list.

Select the `Add New Network Code` option to enter network codes directly. Once entered, you will be asked where the network is to be located in the preferred list.

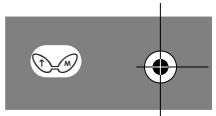
Show List of Networks

This option is used to display the networks you have stored in your preferred list. In addition, pressing the (OK) key will select the current displayed entry and enter a move/delete sub-menu.

When `Move to New Location` is selected, you will be asked to enter a new location for the selected network.

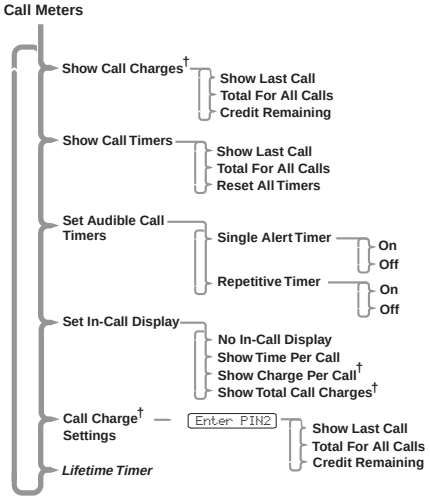
When selected, `Delete Selection` will remove the selected network from the preferred list.

Find New Network



When selected, the phone will try to register with a network in the normal manner, with one exception. When the registration attempt is made, your current network will be excluded from the list of those available. If the attempt fails, your phone will then try to re-register with the previous network.

Call Meters Menu



Menu Navigation

Items shown in ***Italics*** are available only when **Extended Menus** are switched on.

†Availability depends on the type and settings of the SIM card and/or your subcription to these services.

Call Metering

Your phone has an internal metering system that can provide you with individual and total call times or costs.

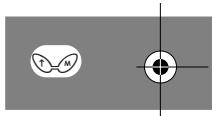
Call cost information is only available if you receive the Advice of Charge service. If you do not receive this service, only time meters are available.

The meter can be displayed during a phone call. Audible tones can be generated to indicate the passage of call time.

Your phone can handle values up to 21 digits long. During calls, only the last 12 digits are displayed. If the value exceeds 21 digits, then `Too Large` is displayed.

You can also set a maximum charge limit so that your phone will monitor the number of units used or the call cost and then prevent you from exceeding the limit.

Show Call Charges



Use this feature to display the cost of your calls or the amount of credit remaining. Figures are displayed in phone units or currency, depending on the setting of the `Set, Charge Type` option.

Show Call Charges is only available if you receive the Advice of Charge Service.

Show Last Call

Displays the cost of the last chargeable call.

Total For All Calls

Displays the cost of all chargeable calls since the charge meters were reset to zero using the `Reset Call Charges` option.

Credit Remaining

Displays the difference between your total call costs and the limit specified by the `Set Total Charge Limit` option. If there is no limit, `No Charge Limit Set` will be displayed.

Show Call Timers

Use this feature to display call duration and to reset your time meters to zero.

If you receive the Advice of Charge service, then all calls are timed. If you do not receive the Advice of Charge service then, depending on the model, either all calls or only outgoing calls are timed.

Reset All Timers

Sets the resettable time meters to zero. The Lifetime Meter is not resettable.

Set Audible Call Timers

Your phone provides two programmable audible call timers:

- The 'Single Alert Timer' will sound a beep just once during a call, after a preset time has elapsed.
- The 'Repetitive Timer' will sound regular beeps during a call, at preset intervals.

In both cases, the timers will sound their beeps ten seconds before the end of the programmed time.

Set In-Call Display

This feature allows you to specify whether the time or charge meters are displayed during a call. If you do not have the Advice of Charge service, then only the time meter is available.

☞ *If a total charge limit has been set, then the in-call display always shows your remaining credit.*

Show Time Per Call

This option is used to display the time meter during calls. If you receive the Advice of Charge service, only the chargeable calls will be displayed.

Show Charge Per Call, Show Total Call Charges

☞ *These menu items are only available if you receive the Advice of Charge service.*

These options are used to display the call charges meter during and after chargeable calls. The meter shows phone units or currency depending on the setting of the `Set Charge Type` option.

No In-Call Display

This option switches off in-call display of the charge/time meter.

Call Charge Settings

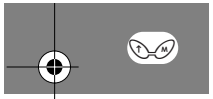
This feature allows you to customise your Advice of Charge settings. You will be prompted to enter your PIN2 security code before you can access the options.

This menu item is only available if you receive the Advice of Charge service.

Reset Call charges

This option resets your charge meters to zero.

Set Total Charge Limit



This option sets the maximum limit for call charges; once this limit has been reached, the network will refuse any further chargeable calls.

If you switch the charge limit `On`, you will be prompted to enter a new limit. Enter the amount as either units or currency, depending on the setting of the `Set, Charge Type` option. Units must be entered as whole numbers.

Once a limit is set, the in-call display will show the remaining credit. When you reach your last two minutes, the warning message `Approaching Charge Limit` will be displayed and a warning alert will sound. The sound will be repeated when one minute remains. When the limit is reached, the message `Charge Limit Reached` will be displayed and you will not be able to make any more chargeable calls.

When the limit is reached, you must reset or switch off the `Total Charge Limit` before your can make any chargeable.

Select `Off` to switch off the charge limit.

Set Charge Type

This option defines whether charge information is displayed as either phone units or currency.

Units

Sets the charge type to phone units.

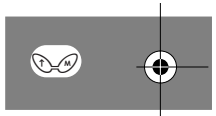
Currency

Sets the charge type to currency. You will be prompted to enter the `Currency Name`. Enter a 3-character notation (for example, `GBP` for the UK, `DEM` for Germany or `FFR` for France). You will then be prompted for the `Charge Per Unit`. Enter the amount and press (OK).

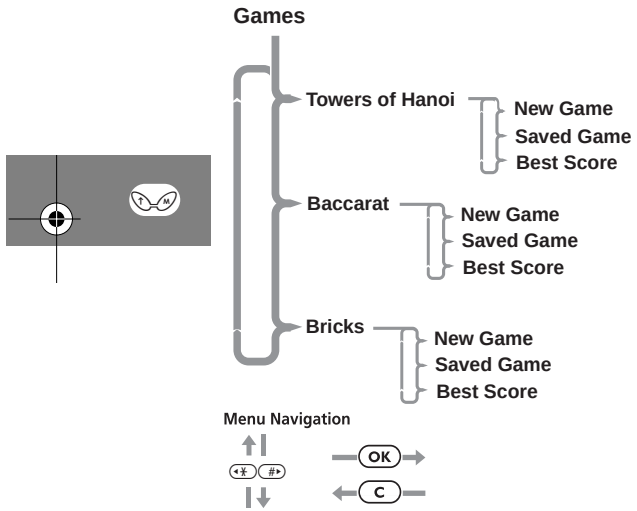
Lifetime Timer

This option is used to display the total time of all calls made on your phone.

This meter cannot be reset. The `Reset All Timers`, `Master Reset` or `Master Clear` options have no effect.



Games Menu



About Games

By selecting the Games option, you can play three different games: Tower of Hanoi, Baccarat, and Bricks. For each game, you can begin with a `New Game` or `Saved Game`, or you can view `Best Score`.

New Game

This option starts a new session of the selected game. You may be asked to select a `Level` of the game.

Saved Game

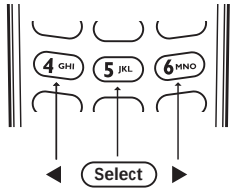
This option opens the game you saved last time before leaving. If you save the last state of a game, you can continue playing it the next time you select the game.

Best Score

You can view `Best Score` in each type of game and at each level.

Keys used in Games

The keys assigned in Games are: 4 GHI, 5 JKL and 6 MNO, in a row in the middle of the keypad. This arrangement allows easy handling and navigation.



Press 4 GHI to move left.

Press 5 JKL to select.

Press 6 MNO to move right.

Close or Save a Game

When you close a game, you can choose whether to save it so that you can continue playing it later.

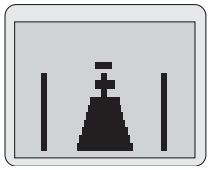
Games can also be interrupted if there is an incoming call, a phone alarm goes off, or the battery runs out.

To close a game:

1. Press C while you are playing it.
2. You will be asked if you want to `End Game`. You can either:

- press C to resume the game
- press OK to see a prompt that asks you if you want to `Save Game`. At this prompt, press C to return to the Games menu without saving the game, or press OK to save the game.

Towers of Hanoi



Towers of Hanoi is a one-player game of skill and logic. When the game begins, several discs of different lengths are stacked on a centre pole. The objective is to stack the discs on one of two side poles, in ascending order (the largest at the bottom and the smallest at the top).

Game Rules

- You can move only the top disc on a stack.
- You can move only one disc at a time.
- Bigger discs cannot be stacked on top of smaller discs.

How to Play

When you start a new game, you must select a level of difficulty from 3 to 7. (The level indicates the number of discs.)

To move a disc, select a pole, select the top disc on that pole, select another pole, and then select a transfer.

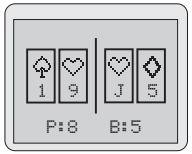
1. The cursor appears above the selected pole. Press 4 GHI or 6 MNO to select the pole with the disc you want to move.
2. Press 5 JKL to select the top disc on the pole. The selected disc moves up a bit.
3. Select the pole where you want to move the disc, then press 5 JKL to move the disc to that pole. If the disc move is not valid, your phone emits a chirp.

When all discs from the centre pole are moved onto a side pole, you win.

Baccarat

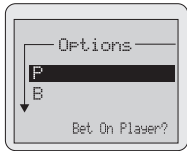
Baccarat is a card game played at major casinos around the world. The objective is to predict which hand (P - Player, B - Banker) will score closest to 9, or whether the hands will tie.

Game Rules



- The winner is the hand with points closest to 9.
- If B or P wins, winning wagers pay even money. If you win by betting on B, B receives a 5% commission. If the hands are tied, and you bet on a tie, you win 8 times the amount you wagered. Otherwise, your wager is returned.
- Number cards (except tens) are worth face value. Ace is one point. Tens and face cards (King, Queen, Jack) are zero.

How to Play



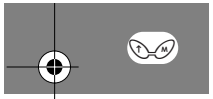
When you start a new game, you can bet on B, P, or a tie. Each player is then dealt two cards. A third card may be given to P and/or B.

1. Press 4 GHI or 6 MNO to highlight a hand for your bet (B or P).
2. Press 5 JKL to select the hand.
3. Use the keypad to enter the wager amount, and press OK. The amount must be between 5 and 500 (or your current balance).

4 When prompted, press (OK) to deal.

The cards dealt for both B and P appear and flash, and the results of the bet (Won, Lost, and Balance amount) are shown.

To end the game, press (C) at the initial betting screen or at the result screen. If you save the game, your current balance is saved. The best score is the highest balance amount reached.



Bricks

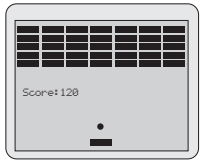
In this game, there are five lines of bricks at the top of the display, a paddle at the bottom, and a ball moving in between. You move the paddle left or right to strike the ball and bounce it against the bricks.

When the ball hits a brick, the brick disappears and its value is added to your score. Bricks have the following values, depending on their row:

- Fifth (top) row: 50 points each
- Fourth row: 40 points each
- Third row: 30 points each
- Second row: 20 points each
- First (bottom) row: 10 points each

The ball can hit one or more bricks at once. The ball's trajectory is determined by the angle at which it hits the paddle.

Game Rules



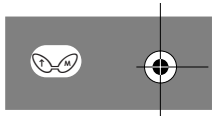
- If the paddle misses the ball, and the ball hits the bottom boundary, the game ends.
- If the ball hits the left or right boundary, it bounces.
- The paddle cannot move past the left or right boundary.

How to Play

When you start a new game, the paddle is centred at the bottom of the display, with the ball slightly above it.

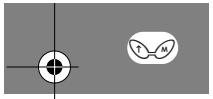
1 The ball bounces off the bricks and moves back toward the bottom.

2 Use the 4 GHI and 6 MNO keys to move the paddle left and right (respectively) to keep the ball from hitting the bottom boundary.

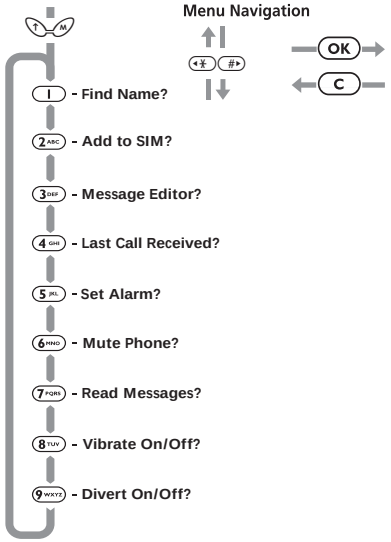


When you hit all of the bricks, or when the ball hits the bottom boundary, the game is over. The display flashes three times and shows your score. You can stop a game at any time by pressing C.

taishan.book Page 106 Thursday, March 1, 2001 8:53 AM



Using the Quick Access Menu



The menu shown at left represents the default setting supplied with your phone.

Although the features in your phone are available through easy access menus, some of the most commonly used features are also available in the Quick Access menu. Each feature in the menu is allocated a number from 1 to 9.

To use a Quick Access feature, press the quick access key (the left side of the toggle key), followed by the number of the feature, or press * or # to scroll through the menu and then press OK.

You can change the features, and the positions of the features, available in the Quick Access menu. See ‘Customizing the Quick Access Menu’.

Each Quick Access feature is represented by an icon as well as the feature name. The currently selected icon is shown with a dark background.

Find by Name

You will be prompted to `Enter Name`. Enter the first three characters of the name and press (OK). The first matching entry in the Phone Book will be displayed. Press (OK) to call the number.

Find by Location

You will be prompted to `Enter Location`. Enter the location number and press (OK). The first matching entry in the Phone Book will be displayed. Press (OK) to call the number.

Add Entry to Phone

You will be prompted to enter a phone number and then a name.

If you already had a number displayed, it will automatically be re-displayed when you select this feature.

The number will be stored in the next available phone memory location.

Add to SIM

You will be prompted to enter a phone number and then a name.

If you already had a number displayed, it will automatically be re-displayed when you select this feature.

taishan.book Page 109 Thursday, March 1, 2001 8:53 AM

The number will be stored in the next available SIM card location. See ‘Add Entry’ for more information.

Call Voicemail

Your phone will make a call to your voicemail number.

You must have defined a Voicemail number in order to use this feature.

See ‘Call Voicemail’ for more information.

Battery Meter

A bar graph indicating the approximate battery charge level will be displayed. The more bars displayed, the greater the charge level.

See ‘Show Battery Meter’ for more information.

Phone Lock Now

Immediately locks your phone, you will not be able to use your phone until the unlock code is entered. See ‘Phone Lock’ for more information.

Phone Mute On or Off

Temporarily turns the microphone off during a phone call. Reselect this option to resume your conversation.

Ring Volume

This option is used to display and to set the incoming call ring tone volume.

taishan.book Page 110 Thursday, March 1, 2001 8:53 AM

VibraCall On or Off

VibraCall™ will be switched either on or off depending on the current setting. If VibraCall is switched on, the 'Ring or Vibrate' setting changes to Vibrate Only. If VibraCall is switched off, the 'Ring or Vibrate' setting changes to Ringer Only. See 'Ring or Vibrate' for more information.

Switch Memory

Switches one-touch dialling between the phone and SIM memories depending on the current setting.

Read Messages

Your newest message will be displayed; you can then read, delete and edit messages as normal. See 'Received Messages' for more information.

Outgoing Messages

Your newest message will be displayed; you can then read, send, delete and edit messages as normal. See 'Outgoing Messages' for more information.

Message Editor

The last message that was edited will be displayed. Press and hold C to clear the message and start a new one, or modify the message displayed. See 'How to Create and Edit SMS Messages' for more information.

Last Calls Received

Displays the first entry in the Last Calls Received list. You can scroll through the list and call the numbers as normal. See 'Last Calls Received' for more information.

taishan.book Page 111 Thursday, March 1, 2001 8:53 AM

Last Call Charge

Displays the cost of your last chargeable call. See ‘Show Call Charges’ for more information.

Last Call Timer

Displays the duration of your last chargeable call. See ‘Show Call Timers’ for more information.

Show Time and Date

Displays the current time and date.

Credit Remaining

Allows you to quickly display the Credit Remaining.

This will only show the credit remaining if you receive the Advice of Charge service.

Restrict My ID

Your phone number will not be sent with the next attempted call; after this your phone number will be sent until you reselect this option.

Find New Network

Allows you to quickly search for a new network.

Switch Lines 1/2

Availability depends on the type and settings of the SIM card, and/ or your subscription to this feature.

Allows you to switch between Line 1 and Line 2.

Change Band?

Use this option to change the band of operation for your phone. See ‘Network Selection Men’ for more information.

Divert On/Off?

Unconditional voice call diverting will be switched either on or off depending on the current setting.

You must have defined a diversion number using the ‘Divert All Voice Calls’ option in the Call Divert menu in order to use this feature.

You cannot switch call diverting on or off if you are outside network coverage.

Adjust Contrast

Allows you to adjust the screen contrast.

Games - Towers of Hanoi, Games - Baccarat, Games - Bricks

Allows you to enter one of the above 3 games. See ‘Games Menu’ for more information.

Set Alarm

Use this option to turn your alarm on. See ‘Set Alarm’ for more information.

taishan.book Page 113 Thursday, March 1, 2001 8:53 AM

Customizing the Quick Access Menu

You can change the features in the Quick Access menu to suit your personal preferences.

To customize the menu:

1. Press the menu key and scroll to the menu item you wish to change.
2. Press and hold (OK) to access the list of features available. The currently selected feature will be displayed.
3. Scroll through the list until you find the feature you wish to store in the Quick Access menu; press (OK).
4. `Completed` will be displayed to confirm that the feature has been stored.

The items in the Quick Access list will appear in the following order:

- Find by Name
- Find by Location
- Add Entry to Phone
- Add Entry to SIM
- Call Voicemail
- Battery Meter
- Phone Lock Now
- Phone Mute On or Off
- Ring Volume
- VibraCall On or Off
- Switch Memory
- Read Messages

taishan.book Page 114 Thursday, March 1, 2001 8:53 AM

- Outgoing Messages
- Message Editor
- Last Calls Received
- Last Call Charge
- Last Call Timer
- Show Time and Date
- Credit Remaining
- Restrict My ID
- Find New Network
- Switch Lines 1/2*
- Change Band
- Divert Voice Call
- Adjust Contrast

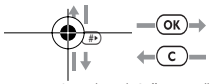
- Games Bricks
- Games Baccarat
- Games Towers of Hanoi
- Set Alarm

* *Availability depends on the type and settings of the SIM card, and/or your subscription to these features.*

What to do if...

You can't switch your phone on	*Check the battery.* Is it charged, properly fitted and are the contacts clean and dry? See "Important Battery Information" on page 22.
You can't make calls	*Check the signal strength meter in the display.* If the signal is weak, move to an open space. If you are in a building, move closer to a window. *Check the Network Selection settings.* Try Manual Selection, or try another network. See "Network Search" on page 91. *Check your Operator coverage map.* *Is* `Restricted` *displayed?* Check the Call Barring and Fixed Dialling settings. *Has the call charge limit been reached?* Use your PIN2 code to reset the limit or contact your Service Provider. See "Set Total Charge Limit" on page 98. *Has a new SIM card been inserted?* Check that no new restrictions have been imposed.
You can't receive calls	*Check the signal strength meter in the display.* If the signal is weak, move to an open space. If you are in a building, move closer to a window. *Check the Call Diversion and Call Barring settings.* *Check the Ringer and VibraCall™ settings.* If it is off, there is no audible alert. See "Ring or Vibrate" on page 77.
The battery icon and meter are missing	*Are you using a Motorola original battery?* Your charging system may not be able to communicate with your battery. See "Your Battery" on page 22.

Menu Navigation



Items shown in ***Italics*** are available only when **Extended Menus** are switched on.

†Availability depends on the type and settings of the SIM card and/or your subscription to these services.

taishan.book Page 116 Thursday, March 1, 2001 8:53 AM

Your phone won't unlock	*Have you inserted a new SIM card?* Enter the new PIN code. See "Entering the SIM Card PIN Code" on page 27. *Do you have a replacement phone?* Enter the default unlock code - 1234. *Have you forgotten the unlock code?* Press 1 to change the unlock code (you will need your security code).
Your PIN is blocked	*Enter the PIN unblocking code supplied with your SIM card .* See "Unblocking Your Phone" on page 79.
Your PIN2 is blocked	*Enter the PIN2 unblocking code supplied with your SIM card.* (See "Change SIM PIN2 Code" on page 80.)
Your SIM card won't work	*Is the card inserted the right way round?* See "SIM Card Insertion/ Removal" on page 20. *Is the gold chip visibly damaged or scratched?* Return the card to your Service Provider. *Check the SIM contacts.* If dirty, clean them with an antistatic cloth.
The battery won't charge	*Check the charger*. Is it properly connected and fully inserted, and are its contacts clean and dry? See "Your Battery" on page 22. *Check the battery contacts.* Are they clean and dry? *Check the battery temperature.* If warm, let it cool before recharging. *Is it an old battery?* Battery performance declines after several years' use. Replace the battery. *Are you using a Motorola original battery?* See "Your Battery" on page 22.

The battery drains faster than normal	*Are you in an area of variable coverage?* This uses extra battery power. *Is it a new battery?* A new battery will need two to three charge/discharge cycles to attain normal performance. See "Charging a New Battery" on page 22. *Is it an old battery?* Battery performance will decline after several years use. Replace the battery. *Is it a battery that hasn't been completely discharged?* Allow the battery to fully discharge (until the phone turns itself off) and then charge the battery overnight. *Check that the Frequency Of Search feature in the Network Selection menu has not been set to* `Fast` *or* `Continuous`*.* See "Network Search" on page 91. *Check that the Battery Saving Mode feature has not been set to* `Off`*.* *Are you using your phone in extreme temperatures?* At extreme hot or cold temperatures, battery performance is significantly reduced.
You can't cancel Call Diverting or Call Barring	*Wait until you are in an area with good network coverage and try again.*
The ✉ symbol is flashing	*There is not enough memory available to store another SMS message*. Use the Messages menu to delete one or more existing messages.

taishan.book Page 118 Thursday, March 1, 2001 8:53 AM

You can't make international calls	*Some Service Providers automatically bar the ability to make international calls.* Contact your Service Provider. *Have you included the relevant codes?* Press and hold the 0 + key to display the international dialling prefix (+) and then enter the appropriate country code followed by the phone number.

taishan.book Page 119 Thursday, March 1, 2001 8:53 AM

Index

A

Add entry 50
To SIM card memory 108
Adjust Contrast 83
Adjust ring volume 76
Automatic lock 78
Automatic redial 30
Available networks 90

B

Bar incoming calls 64
Bar outgoing calls 63
Batteries
Charging 22
Installing the Batteries 24
Low battery warning 23
Maintaining 23
Removing 23
Battery charge indicator 19
Battery meter 59, 109
Battery saving mode 85
Blocked message 28, 80

C

Call diverting 60, 112
Call metering 95
Call meters menu 94
Call related features menu .. 58
Call timers 96
Call Transfer 42
Call waiting 37
Calling a number 29
Cancel all diverting 112
Capacity
Checking battery capacity 59
SIM or phone 50
Cell broadcast
Battery saving mode 85
Messages 67
Settings 72
Change bar password 64
Change SIM PIN2 code 80
Change unlock code 78
Characters 47
Conference Call
Call Waiting 42
End Active And Held 35
Hold Call 35
In-Call 35
Make a New Call 35
Reconnect 36
Reconnect Held Call 36
Restrict My Number 35
Split Call 35
Switch Calls 35
Contrast, Adjusting 83

D

Delete
Last ten calls 52
Message 69, 71
Phone book entries 50
Detailed forwarding 61
Dialling phone book numbers 31
Display 18

taishan.book Page 120 Thursday, March 1, 2001 8:53 AM

Display characters 47
Displaying your own phone number 52
DTX 85

E

Earpiece connector 19
Editing messages 68
Emergency calls 32
Ending a phone call 33
Entering characters 46
Erase name and number 50
Extended menus 7

F

Fault finding 115
Find entry by location 48
Find entry by name 48
Find new network 93
Fixed Dial 53

H

Hold Call 35

I

In use symbol 18
Initiating Transfer Call 42
Installing the Batteries 24
International phone calls 31

L

Last Calls Received 51
Last calls received 110
Last ten calls 51
Lifetime timer 99
Lock now 78
Locking the keypad 28
Low battery warning 23

M

Making a phone call 29
Master clear 86
Master reset 86
Menus
Call Diverting menu 60
Call meters menu 94
Call related features menu 58
Extended menu 7
Messages menu 65
Network selection menu 88
Options menu 43
Phone Book menu 45
Phone setup menu 75
Quick Access menu 107
Send Messages menu 71
Short menu 7
Message editor 72, 110
Message settings 73

taishan.book Page 121 Thursday, March 1, 2001 8:53 AM

Messages
Call holding/call waiting messages 38
Cell broadcast messages ... 67
Creating and editing 68
Reading SMS messages 67
Sending SMS messages 70
Messages menu 65
My phone number(s) 52

N

Names, Entering 46
Network search 91
Network selection menu 88
Networks
Automatic search 91, 92
Finding new networks 93
Preferred networks 92

O

One-touch dial
Setting 55
Using 30
Options menu 43
Outgoing messages 70, 110

P

Pauses, Inserting 31
Personal numbers 48
Phone book
Storing numbers - see *Add Entry*
Call number 49
Deleting/erasing entries 50
Dialling phone book numbers 31
Modify name or number ... 50
Preventing access to 50
Phone calls
Automatic redial 30
Dialling phone book numbers 31
Emergency calls 32
Ending 33
International 31
Making 29
One-touch dialling 30
Receiving 33
Phone lock now 109
Phone setup menu 75
Phone status 86
PIN code
Entering 27
Setting and changing 79
PIN2 code 80
Prevent access (to Phone Book) 50

taishan.book Page 122 Thursday, March 1, 2001 8:53 AM

Q

Quick access menu
Customising 113

R

Reading SMS messages 67
Received messages 69
Receiving a phone call 33
Redialing the last number called 30
Removing your batteries 23
Require SIM card PIN 79
Restrict My Number 35, 59
Restrict my phone number 111
Return call 69
Ring tones 77

S

Security code, Changing 81
Select Phone Line 76
Sending SMS messages 70
Service center 73
Set in-call display 97
Set Ringer Tone 77
Set Ringer Tone 2 77
Setup fixed dialling 54
Short menu 7
Short message service symbol 18
Show battery meter 59, 109
Show call charges 111
Show call timers 96, 111
Show time and date 111
Signal strength symbol 18
SIM card
Insertion/removal 20
PIN code 27, 79
PIN2 code 80
SMS messages 66
Special keys 17
Split Call 35
Status indicator
Battery saving mode 85
Status review 86
Switch Calls 35
Symbols 18

T

Timers 96
Tones
Setting ringer tones 77
Transfer Call 42
Troubleshooting 115
Turn Mute On or Off 36

U

Unblocking your phone 79
Unconditional call forward 112
Unlock code
Setting and changing 78

taishan.book Page 123 Thursday, March 1, 2001 8:53 AM

V

Voicemail
Number 73
Volume
Adjusting earpiece and keypad 17
Adjusting ringer 76
Buttons 17

W

What to do if... 115