MOTOROLA

TIMEPORT™
DIGITAL WIRELESS TELEPHONE

Options Menu

(MENU)

Access Internet † #

Phone Book

Call Related Features
- Show Battery Meter
- Restrict My Phone Number †
- Call Forwarding †
- Talk and Fax †
- Call Waiting †
- *Call Barring* †

— Voice Dialing
— Personal Numbers
— Show Services †
— Last Ten Calls
— My Phone Number(s)
— Fixed Dialing †
— One-Touch Dial Setting

Messages

Phone Setup
- Select Phone Line †
- Adjust Ring Volume
- Ring Or Vibrate
- Set Ringer Tone
- Set Ringer Tone 2 †
- Set Message Alert Tone
- Edit Music Tone
- Message Popup Alert
- Quick Access Setup
- Phone Lock
- Activate IR Port
- Adjust Contrast
- Require SIM Card PIN
- Change SIM PIN2 Code †
- New Security Code
- Extended Menus
- *Show Time and Date*
- *Set Time and Date*
- *Set Time Format*
- *Backlight*
- *Language Selection*
- Entry Method Selection
- *Battery Saving Mode*
- *Select Keypad Tones*
- *Setup Internet* †
- *Phone Status*

— Call Voicemail †
— Received Messages †
— Outgoing Messages †
— Message Editor †
— Voice Notes
— Cell Broadcast
— Message Settings

Network Selection

Call Meters
- Show Call Charges †
- Show Call Timers
- Set Audible Call Timers
- Set In-Call Display
- Call Charge Settings †
- *Lifetime Timer*

— Available Networks
— *Network Search*
— Preferred Networks
— Find New Network

Accessory Setup *

— Mute Car Radio
— Automatic Answer
— Automatic Handsfree
— Safety Timer
— Auxiliary Alert

Quick Access ‡

(↑)

- (1) - **Access Internet?** **
- (2 ABC) - **Find Name?**
- (3 DEF) - **Add To SIM?** **
- (4 GHI) - **Call Voicemail?** **
- (5 JKL) - **Received Calls?**
- (6 MNO) - **Read Messages?** **
- (7 PQRS) - **Message Editor?** **
- (8 TUV) - **Vibrate On/Off?**
- (9 WXYZ) - **Mute Phone?**

Menu Navigation

(OK)
(C)

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

If your service provider has added their own menu, the Access Internet menu will not be the first item in the Options menu.

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

***** The **Accessory Setup** option is available only when a car kit or headset accessory are fitted.

‡ The features and the positions of the features in the Quick Access menu can be changed.

** Network Dependent Feature

Quick Reference

Quick Reference

Special Keys

|	
(O)	Press to turn phone on and off.
(OK)	Press to accept call, setting, option,...
(C)	Press to reject call, setting, option,...
(↑)	Press to enter the quick access features.
(MENU)	Press to access the options or phone book menus.
(◄*) (#►)	Press both simultaneously to lock the keypad on flipless models; also use to scroll left and right.
[↕]	Press the top to scroll up and press the bottom to scroll down.
(✉)	Press to call Voicemail.*

Making a Call

Enter [Phone No.] (OK).

Receiving a Call

Press (OK).

Ending a Call

Press (OK), (C).

Making an Emergency Call

Enter (9ʷˣʸᶻ)(1)(1)(OK). The call will be directed to a central emergency operator.

Quick Access Features

Press (↑) followed by the appropriate key, or press (↑), scroll to the feature and press (OK) to select.

*   *Network and subscription dependent feature. Not available in all areas.*

Adjust Ringer Volume

Press (↑) followed by the volume button to either increase or decrease the ringer volume.

Recording a Voice Note Message**

Press the Start/Stop Record button (◖) on the side of the phone. Press the button again to stop recording.

Playing a Voice Note Message*

Select Messages, Voice Note, Play Voice Notes, or use the Quick Access item.

Redialing the Last Number Called

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

One-Touch Dialing

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

Storing Numbers in the Phone Book

Press (↑)(2ᴬᴮᶜ) to store a number on the SIM card.

Recalling a Number from the Phone Book

Press the Smart Button (◉), then use the volume button to scroll to the stored number, or press the appropriate digit key to skip to a particular letter. To make the call, hold down ◉ for 1.5 seconds or press (OK).

Dialing Phone Book Numbers

Enter [Location] (#►)(OK)

Stopping a Call Alert

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

** *Use of this function is subject to varying State and Federal laws regarding privacy and recording of phone conversations.*

Introduction

Welcome

Congratulations on your selection of a mobile phone from *Motorola*, a world leader in cellular technology. The Motorola Timeport™ P7382i phone is packed with features that help you stay in touch and in control. Specifically, this phone provides you with a state-of-the-art wireless data feature via a technology known as General Packet Radio Service (GPRS). With Motorola's P7382i mobile phone and its GPRS feature, you can stay in touch and in control within your business world.

Control

- Customizable Quick Access Menu ⬆ - *Place nine of your most frequently used features in your own personal menu so that they can be accessed with just two key presses. Icons make each feature easy to identify.*
- Voice Note feature 📼 - *Allows you to record a number of personal voice messages or to record part of a phone call - useful when you haven't got pen and paper handy for taking down directions or a message.*
- Voice Control - *Use voice commands to call up Phone Book entries and to select Quick Access options.*

Power

- Superb battery performance 🔋 - *Each phone is capable of several hours conversation or several days standby, but is still small and light.*
- Single Band - *versions of the phone include the powerful Single Band feature which means that they can use 1900MHz bands for greater call success and allow wider roaming opportunities.*

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

Discretion

- VibraCall® alert 📳 - *In locations where you don't want your phone to ring, or which are too noisy to hear your phone ring, your phone can vibrate to alert you of a call.*
- Wearable Holster - *Wear your phone in a stylish holster on your belt. It is small enough and light enough to keep with you almost anywhere, designed for your convenience, not meant to secure your phone under all circumstances.*
- Stop Call Alert - *Press the volume button when the phone is ringing or vibrating. This will stop the alert but not answer the call.*

Personality™ feature

This cellular telephone incorporates the *Personality*™ feature. Unique to *Motorola*, the *Personality*™ feature removes the complexity of cellular communications by guiding you through the features and presenting you with simple choices every step of the way. The *Personality*™ feature can also allow you to personalize the way you use your phone - for example, different ringer tones, a phone book and network selection preferences - all presented with clarity and simplicity. In this manual, each of the *Personality*™ features is identified with an 🆗 symbol to indicate that it is customizable to meet your requirements.

Software Copyright Notice

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Understanding This Guide

Many of your phone options are accessed by a simple menu system. A full description of the menus and how to move around them is covered in "Menu Navigation" on page 6.

Key Presses

Key presses are represented in this manual using symbols so that you may locate and use the required sequence quickly. A sequence of key presses may be shown as follows:

(MENU)(OK)(C)

This means that you should press the (MENU) key followed by the (OK) key and then the (C) key, in sequence, not simultaneously.

Entering Information

When you are requested to enter information, such as the number of the phone you wish to call, this is represented in **bold** type. For example:

[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.

Prompts and Messages

Your phone responds to key presses by displaying either easy to understand prompts that guide you to the next action, or simple messages confirming that your action is complete. Prompts and messages are represented in this guide in LCD style, for example:

Enter PIN or Completed.

Other Symbols

You will find the following symbols used throughout this guide:

☞*A Note contains additional information which is 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 that the feature is a *Personality*™ feature that can be customized to meet your requirements.

⚡ *This symbol indicates a short key sequence for the feature.*

Menu Navigation

A large number of your phone's options are accessed by using menus which use a common approach for selection, change and cancellation.

Read this section carefully before attempting to access a menu option. When you understand the common approach to menu navigation and how the menus are shown on the page, you will be able to access and change options with ease.

Entering the Menus

Two different keys are used to access the menus:

(MENU)   enters the Options menu while in standby mode; enters the In-call menu during a call

(↑)   enters the Quick Access menu

Once entered, the menus use the (↕), (◄✳), (#►), (OK) and (C) keys in a common manner to access, select and change individual options.

Leaving the Menus

To leave any of the menus, you can either press and hold the (C) key or repeatedly press the (C) key. Both of these actions will return your phone to the standby mode.

⚡ *Alternatively, a quicker way to leave the menus is to press* (↑)(C).

Menus and Sub-menus

A menu is a simple list of options. Some of these options provide access to a further list of options called a *sub-menu*.

Moving To and Selecting a Menu Option

To move from one option to another on the same level, use the scroll key (↕); press the bottom half to scroll forward and press the top half to scroll backward. When you find the option you want, press the (OK) key to select it.

Depending on the option you select, one of three things will happen:

- A brief message is displayed to confirm an action, for example `Completed`.

- A prompt is displayed requesting you to enter information, for example `Enter PIN` or `Enter Name`.

- The first option of a sub-menu will be displayed. You can select this option using the (OK) key or browse through the other options using the scroll keys.

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

Menu Options with Security Codes

Some options are protected from misuse by requiring you to enter one of the security codes. To use these options, you must enter the requested code before proceeding.

Menu Navigation—A Working Example

The following steps will take you through how to switch the Extended Menus option on:

1 When the phone is in the standby mode, press the (MENU) key. This will access the Options menu and `Access Internet` will be displayed.[*]

2 Press the key repeatedly to go to the `Phone Setup` menu item.

3 Press the (OK) key to select the sub-menu.

4 Press the key repeatedly until the `Extended Menus` sub-menu item is shown in the display.

5 Press the (OK) key to select this item. You can now select between `On` or `Off`, the current setting will be shown with a ✓ character. If the ✓ character is next to `Off`, press and then (OK) to switch on the Extended Menus. If the ✓ character is next to `On`, press (C) to leave the setting as it is.

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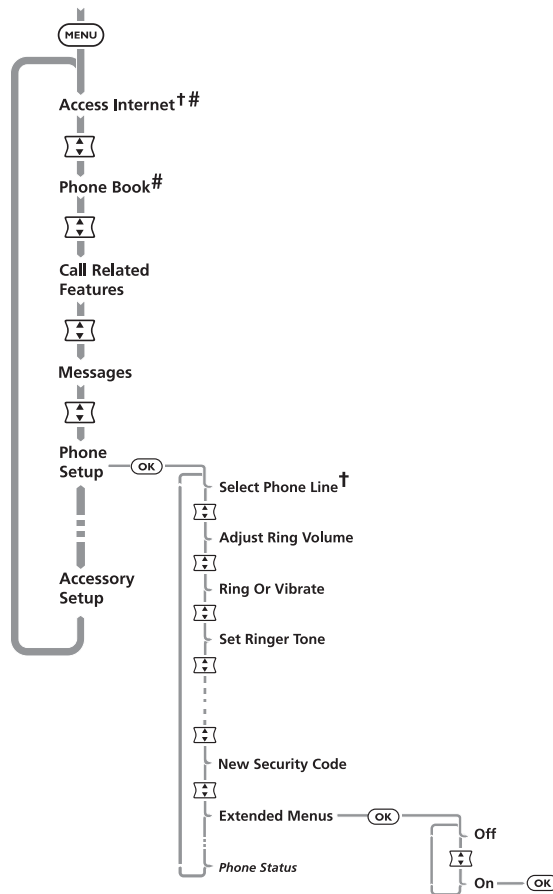
[*] *If your service provider has added its own menu, Access Internet will not be the first item in the Options menu.*

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

About This Guide **7**

⟨OK⟩ *Short, Extended and Personalized Menus*

With the *Personality*™ feature you can personalize the menus by choosing which features you want readily available. The features that are less frequently used can be stored out of sight.

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.

Safety and General Information

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

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:

- United States Federal Communications Commission, Code of Federal 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
- 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 (applicable to wireless phones only)

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 FCC 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.**

Body-worn Operation

To maintain compliance with FCC 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 for this product.** Use of non-Motorola-approved accessories may exceed FCC RF exposure guidelines. **If you do not use a body-worn accessory, and are not using the phone held in the normal use position at the ear, ensure the phone and its antenna are at least one inch (2.5 cm) from your body when transmitting**.

Data Operation

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

Approved Accessories

For a list of approved Motorola accessories, visit our website at www.mot.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 Advanced Medical Technology 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, the United States Food and Drug Administration.

Persons with pacemakers should:

- ALWAYS keep the phone more than six inches (15 centimeters) from their 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 the phone OFF 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 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. Air bags inflate with great force. If a portable radio 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 occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere, unless it is a phone type especially qualified for use in such areas as "Intrinsically Safe." 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: The areas with potentially explosive atmospheres referred to above 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 touch 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.

ITC01-045

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.
(↑)	Enter the Quick Access menu.
(MENU)	Press to access the Options and Phone Book menus.
(◄✳) (#►)	Press both simultaneously to lock the keypad on flipless models; also use to scroll left and right.
(↕)	Press the top to scroll up and press the bottom to scroll down.
(✉»)	Press to call Voicemail*.

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

The Smart Button

The Smart Button (◉) is on the left side of your phone, below the volume button. Press it to quickly access all your Phone Book entries, and then either scroll through the entries using the volume button or press one of the alphanumeric keys to search for a specific name. For example, press (7PQRS) to search for the name *Pam*, or press (7PQRS) four times to search for the name *Sam*.

☞*If a Phone Book entry does not have a name, it will not be displayed.*

If you are using the optional headset, you can also use the Smart Button to make, answer and end calls as follows:

• To answer a call, press ◉ for 1.5 seconds.

• To end a call, press ◉ for 1.5 seconds and then quickly press ◉ again.

• To make a call, enter or recall a number and then press and hold ◉ for 1.5 seconds.

Volume Button

The Volume button (⌒) is on the left side of your phone, above the Smart Button. The button is 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 button 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 button to set the required volume.

The volume button can also be used to scroll through the Phone Book entries after pressing the Smart Button.

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

The Start/Stop Record Button

The Start/Stop Record button (◉) is on the right side of your phone. Press it to start and stop recording* Voice Note. Refer to "Using the Voice Note Voice Recorder" on page 31 for more information.

The Display

The display on your phone can show alphanumeric characters as well as useful information symbols.The various elements of the display are as follows:
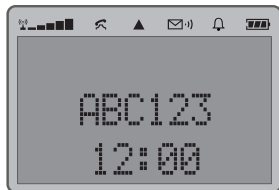
ABC123   Characters are used to display messages and telephone numbers.

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

✆   **In Use**. Displayed when a call is in progress.

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

✉   **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.

🔔   **Ringer On**. Displayed when the call ringer is selected. If you select the No Ring or Vibrate or the Vibrate Only options, this symbol will not be displayed.

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

📖...📝◄   Icons are displayed when you are in the Quick Access menu.

✓   Indicates that a menu item is currently selected.

12:00   **Real Time Clock.** In the idle display, the real time clock can display the time in either a 12-hour or 24-hour format.

*   *Network and subscription dependent feature. Not available in all areas.*

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.

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*   *Recording of phone calls is subject to varying State and Federal laws regarding privacy and recording of phone conversations.*

Earpiece Connector

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

Communicating with External Devices

To communicate with a compatible external device, such as a personal computer or a fax machine, your phone includes the following features:

- an infra-red lens, located next to the antenna on the top of the phone
- an RS-232 serial data port, located at the bottom of the phone

Setting up the Infra-Red Feature

Press ⬆ . *Select the Quick Access feature or, after the tone, say the Voice Tag name.*

Before you can transfer your data, do the following:

- Align the infra-red lens on your phone with the infra-red lens on the external device.
- Make sure that the infra-red feature is active in both the phone and the external device.

The phone and the external device can be up to 12 inches apart.

For operating details, see "Activate IR Port" on page 75.

Setting up the RS-232 Serial Data Port

The RS-232 serial data port requires a *Motorola* 3-pin RS-232 serial data cable. This is available from your *Motorola* dealer.

To connect the cable to your external device, refer to the manufacturer's documentation.

The RS-232 Serial Data Port has been FCC-approved.

Looking After Your Phone

- Never leave your phone or battery in extreme temperatures (over 60°C or 140°F), 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.

The Status Indicator

The status indicator on the top of the phone provides you with the following information:

Incoming Call	Alternate Red/Green
In Service	Flashing Green
No Service	Flashing Red
Roaming	Flashing Yellow
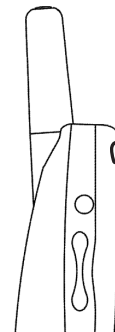
Your Battery

Charging a New Battery

New batteries are supplied in a totally uncharged state.

To ensure maximum battery performance, a new battery (or battery that has not been used for several months) should be charged 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 a battery that has not been used for several months, may cause a premature fully charged indication. Ignore this indication and let the battery charge 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 batteries with care.**

⚠**Never leave your battery in extremely high temperatures (over 60℃ (140ºF)), for example behind glass in very hot, direct sunlight.**

⚠**Only Motorola Original Accessory batteries can be charged in the phone or the optional desktop charger. 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 that you enjoy maximum battery life and use your battery to its fullest capacity, 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 affected by network configuration, signal strength, features selected, and temperature.

- Set `Battery Saving Mode` to On (see "Phone Setup Menu" on page 72) and/or `Frequency of Search` to Slow or Medium (see "Network Selection Menu" on page 80).

- 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, the border of the battery symbol will begin to flash, 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 top of the phone and lift the battery out from the bottom end.
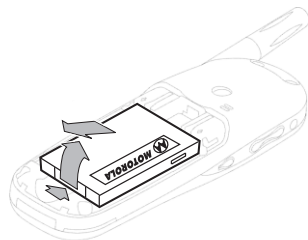
Fitting Your Battery

1 Remove the battery compartment cover.

2 Align the connection on the battery with the connection on the phone.

3 Press the battery toward the connection and push it downward until it clicks into place. Replace the cover.
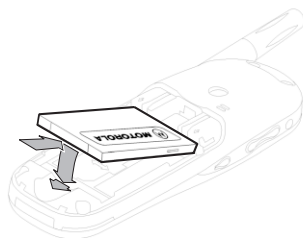
Charging Your Battery Using the Travel Charger

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.

Fit a battery onto your phone.

To charge your battery:

1 Attach the correct adapter plug to the travel charger.

2 Connect the travel charger to the phone.

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

3 Insert the travel charger plug into a suitable mains power socket.
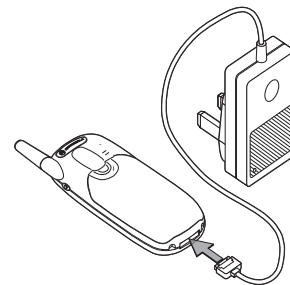
A beep-tone is heard and the battery icon flashes when charging begins.

☞ *Your phone can be either on or off during charging.*

The state of charging is monitored and displayed by your phone. See "Battery Meter Indicators" on page 19 for details.

Desktop Charging Your Battery

☞*The Desktop Charger is an optional accessory that allows you to charge both the battery fitted in your phone and a spare battery at the same time.*

Batteries charge in about 2 to 3 hours*, depending on the battery.

☞*It is normal for batteries to become warm during charging.*

1 Connect the travel charger to the desktop charger socket. (The connector is keyed and can only be inserted one way.)

2 Plug the travel charger into a standard mains socket.

3 Insert your phone into the desktop charger as shown.

A spare battery can be charged on its own or at the same time as your phone. Insert the battery into the desktop charger as shown.

☞*Charge times will increase if you make or receive phone calls while charging.*

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* *Approximate charge times are figured with the cellular phone's power turned off.*
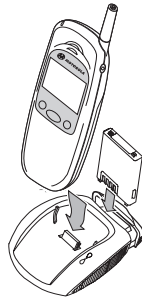
Battery Indicators

Your Motorola cellular phone includes the Motorola Expert Performance (**є·Р+**) charging system. This enables the charging circuits in both the phone and the optional (**є·Р+**) desktop charger 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. The following message will appear on the display, as the condition occurs:

`Low Battery`	The battery charge is low. The battery should be recharged.
`Insert Battery`	No battery fitted; external power connected.
`Invalid Battery`	This message is accompanied by a single beep. Your phone is alerting you that you do not have charging capabilities with this battery even though the battery may be able to power the phone.
	The most likely reason why your charging system does not recognize the battery is that the battery you have purchased is not a Motorola original battery and therefore does not have the communications technology built into it. All Motorola Original batteries include this communications technology.
	It is recommended that you use only Motorola Original batteries, chargers and other accessories.

Battery Meter Indicators

The battery meter displays different messages depending on the batteries attached, and whether or not there is an external power source. The battery meter is found in the Call Related Features part of the Options menu.

Charging Battery	The battery is being charged.
Charging Complete	Charging is complete.
Invalid Battery	Battery may be defective, or may not be a Motorola Original battery.

☞ *When the battery is completely discharged, you must charge the battery for one minute before you can make or accept a phone call.*

Your SIM Card

Your SIM (Subscriber Identity Module) card was supplied by your Cellular Service Provider when you bought your phone. You will not be able to make or receive calls if you do not have a SIM card inserted 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 therefore 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 Turn off your phone by pressing and holding the ⟨ ⓞ ⟩ key. Remove the battery cover and the battery.

2 Slide the SIM cover toward the left, and lift up the right side of the cover.

3 If necessary, remove the SIM card from the recess in the base of the phone.
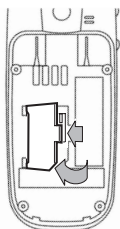
4 Place the SIM card into the recess in the base of the phone with the notch in the bottom right corner.
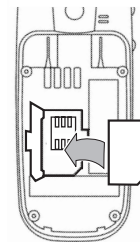
5 Replace the SIM cover, then press and slide it to the right to lock it into place.

6 Replace the battery and battery cover.

If the SIM card is inserted the wrong way or is damaged, the Check Card message may be displayed. Remove the SIM card, check that it is positioned correctly, and re-insert it.

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.

Making and Receiving Phone Calls

Switching the Phone On and Off

To switch the phone on or off, press and hold the `0` key. If VibraCall® alert is selected, the phone will vibrate when it is switched on. If you switch the phone on and there is no SIM card inserted, you will be asked to insert one. Once inserted, the phone will check that the SIM card 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 Your SIM Card PIN Code

To enter the PIN code, enter `PIN Code` `OK`.

As you type in each digit of the PIN code a ∗ character will be displayed. If you make a mistake, press and release the `C` key to remove the last digit. Holding the `C` key down will remove the entire entry.

When the PIN code is complete, press the `OK` key.

If the PIN code entered is incorrect, the warning message `Wrong PIN` will be displayed, followed by `Enter PIN`.

⚠ If the PIN number is entered incorrectly three times in a row, your phone will automatically lock up display the `Blocked` message. See "Unblocking Your Phone" on page 76 for details on unblocking your phone.

The PIN code can be changed; see "Change SIM PIN Code" on page 76 for more details.

⊞ Entering Your Unlock Code

If your phone displays the message `Enter Phone Unlock Code` you must enter your unlocking code by entering `Unlock Code` `OK`.

The unlock code is a four-digit number which is set at manufacture to **1234**. The code can be changed. See "Change Unlock Code" on page 75 for more details.

If you forget your unlock code, press the `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

While holding the `∗` key, press the `#` key to lock the keys. All keys with the exception of the `0` key will be disabled. You can still answer an incoming call by pressing `OK` when the keypad is locked.

To remove the lock, hold the `∗` key, then press the `#` key.

Making an Emergency Call

You can still make emergency calls when the keypad is locked. When you press the keys to dial an emergency number (such as 112 or 911) and press `OK`, the keypad is automatically unlocked and the emergency call is placed.

Making a Phone Call

To make a phone call, your phone must be switched on and unlocked. You must be in an area with GSM1900 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.
- Redialing the last number called.
- One-touch dialing a Phone Book entry[*].
- Dialing a Phone Book entry[*].
- Calling an embedded number in a message.
- Using the Smart Button (◉) and Voice Control.

☞*Your phone contains a "phone book" for storing names and telephone numbers. See "What Is the Phone Book?" for further 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 (C) to remove the last digit. Hold (C) key down to remove the entire number.*

To indicate that you are making a phone call, your phone displays the "outgoing call" animation and the word Calling. If the call is not answered and you want to end the call, press (OK) or close the keypad cover (on models with keypad cover only). Your phone displays the "ending a call" animation.

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* *The Phone Book entries that you are able to access will depend on the One-Touch Dial Setting option in the Phone Book menu.*

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.

Redialing the Last Number Called

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

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

OK One-Touch Dialing 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, pressing and holding (2ᴬᴮᶜ) will dial the phone number stored in location 2 of your Phone Book.

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

OK Dialing Phone Book Numbers

Alternatively, enter the phone book [Location] number followed by (#►)(OK).

⌾ Dialing Phone Book Numbers with Smart Button

The following Smart Button options are available:

- Press ⊙ and say the Voice Tag name after the tone. See "Using Voice Control" on page 33 for more information.

- Press ⊙ and use the volume button to scroll to the stored number, or press the appropriate digit key to skip to a particular letter. To make the call, either hold down ⊙ for 1.5 seconds or press (OK).

Calling an Embedded Number in a Message

Details on how to call a number embedded in a message are given in "Messages Menu" on page 66.

International Phone Calls

To make an international phone call, press and hold the (0+) key. After a couple of seconds the international dialing prefix + will appear in the display; this allows you to call from any country without knowing the local international access code.

Now enter the country code, followed by the phone number. The country code follows the conventional format: 49 for Germany, 44 for the UK, 46 for Sweden, etc. Press (OK) to dial.

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

Inserting Pauses Into Phone Numbers

To obtain a three-second "pause" character in a phone number, press and hold the (◄✳) key for a couple of seconds. The pause symbol ▯ will appear.

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, you may dial the following number:

5556911▯1066▯2001(OK).

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

When the call is answered, the first pause produces a delay of three seconds before the tones for 1066 are sent to select the mailbox. After a second pause of three seconds, the tones for 2001 are sent as the password.

*Emergency Calls**[*]

When you dial 911, your phone automatically sends an emergency message to your GSM 1900 network. You must be within a GSM 1900 network coverage area. If allowed by the Service Provider, the emergency message can be sent with or without a SIM card inserted into the phone and regardless of any security code settings.

Check with your network operator for further information regarding emergency dialing services.

To dial the emergency number, press (9ᵂˣʸᶻ)(1)(1)(OK).

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

☞*You may also be able to dial 112, the international emergency number, to place emergency calls.*

Receiving a Phone Call

To receive a phone call:

- Your phone must be switched on and unlocked.
- You must be in an area where you have a subscription to GSM1900 service.
- Your `Call Forwarding` and `Call Barring` settings should not be set to forward or bar incoming calls.

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

Normally, the call is answered as soon as the phone is opened. However, if the `Key Answer Only` option is selected, opening the phone will *not* answer the call. You must press a key.

When the identification is displayed, you can decide whether or not to answer the call by pressing (OK), a numeric key ((1) to (9wxyz)), (◄*) or (#►). To set this option, see "Key Answer Only." You can also answer using the keys if the phone rings while the phone is already open.

If your phone is open and you do not want to answer the call, you can:

Press and release the (C) key. If you have enabled the `Detailed Forwarding — If Busy` or `Forward when Unavailable` options in the Options menu, the caller is forwarded to the forwarding number. Otherwise, the caller hears the busy tone.

or

Press and hold the (C) key. This rejects the incoming call. No call forward 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), (C), or close phone.

In-Call Menu

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

Menu Navigation

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

- **Handsfree On/Off** ‡
- **Hold Call** †
- **Make New Call** †
- **Restrict My** † **Phone Number**
- **End Active Call**
- **End Held Call** †
- **End Current and Held Call** †
- **Switch Calls** †
- **Conference Call** †
- **Transfer Call** †
- **Split Call** †
- **Reject Waiting Call** †
- **Reconnect** †
- **Reconnect Held Call** †
- **Turn Mute On or Off**

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.*

Handsfree On/Off

This option is used to switch between Handsfree and normal operation if the phone is installed in a car kit that does not have an automatic presence detector.

Hold Call

This option will put the active call on hold.

Make a New Call

This option allows you to make another call.

Restrict My Phone 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 held call the active call.

End Held Call

This option will terminate a held call.

End Current And Held Call

This option will 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 28.)

Transfer Call

This option transfers a call to another telephone. (See "Transfer Call" on page 29.)

Split Call

This option allows you to separate an individual from the main Conference Call.

Reject Waiting Call

This option will reject a waiting call.

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.

*Call Holding and Call Waiting**

Your phone supports the GSM options of Call Holding and Call Waiting. Using these options you can place a current phone call on hold and accept an incoming call or start a second call (See "Call Waiting" in the "Call Related Features" menu for details of how to control 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 propose the option that you are most likely to want. Press (OK) to accept this option or press (MENU) and then scroll through the In-Call menu for the alternative options. By following this procedure you will find that even the triple combination of an active call, a held call, and a call waiting is easy to manage.

The following points summarize the more common situations:

- To put an active call on hold, press (MENU). The display will show Hold Call Select?. Press (OK) to put the call on hold. To reconnect the call, press (OK).
- To put an active call on hold and make another call, first put the active call on hold, then press (MENU) 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.

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* *Network and subscription dependent feature. Not available in all areas.*

† *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 (MENU) and select the `End Active Call` option.

- To reject a waiting call, press (MENU) 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 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

While in a Conference Call, you will have the option to add new calls to the Conference Call or separate one of the members from the Conference 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.
- Recalling a Phone Book Entry using Quick Access.
- 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.*

Press (MENU) during a Conference Call and select Split Call. You will then be presented with the phone number or name of all members of the Conference Call. Use the scroll keys to find the selected member of the Conference Call. Once the desired member is selected, press the (OK) key and select Split Call.

At this point, the selected call will be separated from the main Conference Call and private conversation between you and the selected member is possible.

To rejoin all the parties again, select Conference Call from the In-Call menu.

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 Voice Features

Using the Voice Note Voice Recorder

The voice note voice recorder feature allows you to record up to three minutes of personal voice messages or to record part of a phone call. This is useful when you don't have a pen and paper handy for taking directions or a message. Recording is available during the following call scenarios:

- Phone idle (no calls)
- Single active call (includes conference calls)
- Active call plus waiting call

Recording a Voice Note Message

To record a voice note message, press the Start/Stop Record button (◉). You will hear a short tone to indicate that recording has started and the display will show the message Recording and the remaining recording time available.

If you are recording during a call, the person you are speaking to will hear a tone every ten seconds to warn them that you are recording the call.*

☞*During the recording of an active call, both parties can be recorded at the same time.*

To stop recording a call, press the Start/Stop Record button (◉) or (OK); on models with a flip you can also close the flip, although this will end the call. The display shows the message VoiceNote XX Stored where XX is the number of the storage location. Voice Note messages are stored in sequential locations.

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* *Recording conversations may be subject to varying State and Federal laws regarding privacy and recording of phone conversations.*

Recording stops immediately with no further notification if you choose to accept an incoming call while you are recording. The Call Waiting alert is played.)

Voice Note Voice Recorder Storage Capacity

The Show Time Available option (available from the Voice Notes sub-menu, in the Messages menu) displays the amount of recording time available. See "Messages Menu" on page 66.

During recording, ten seconds before the recording capacity is reached, you will hear a warning tone. If you do not stop recording within the time limit, recording will automatically stop and a single, one-second tone will be heard, accompanied by the Storage Full message.

Playing Voice Note Messages

To play your voice note messages, select the Play Voice Notes option (available from the Voice Notes sub-menu, in the Messages menu) or the Quick Access menu item (⊠▣).

The first voice note message will begin to play after two seconds. The display will show VoiceNote XX playing... Go to next?.

Press (C) to stop playing a voice note message. The current voice note message number is displayed (VoiceNote XX), together with a prompt Go to next?. Press (MENU) and then ⬍ to skip to the next voice note message.

☞*If you selected Play Voice Notes from the Quick Access menu and no voice note messages have been saved, the phone will return to its idle state.*

If you press ⬍ (up) during playback, the message will start to replay from the beginning. Press ⬍ (up) twice rapidly to skip back to the previous message.

Press ⬍ to play the next voice note message. To skip to the next Voice Note message during playback, press (OK).

To play a Voice Note message stored at a specific location, press the appropriate digit key (1) to (9ᵂˣʸᶻ).

▯☞*It is not possible to play back voice note messages during a call.*

Erasing Voice Note Messages

To erase your voice note messages, select the Erase All Voice Notes option (available from the Voice Notes sub-menu, in the Messages menu). When requested to confirm the deletion with the message Erase All Voice Notes — Select?, press (OK) to confirm the deletion.

The confirmation message Voice Notes Erased is displayed.

▯☞*You cannot erase individual voice note messages.*

32 *Using Voice Features*

Using Voice Control

With Voice Control, you can call up a phone number or activate a Quick Access feature with a single spoken command.

The single spoken command is called a *Voice Tag*.

You can assign Voice Tags to call any of the Phone Book numbers in your phone memory (maximum of 25 entries), and you can also assign Voice Tags to activate any of the Quick Access features (maximum of nine).

☞*You cannot assign Voice Tags to call any of the numbers in your SIM card memory.*

When you are recording a Voice Tag, you cannot make or receive any calls.

For best results, when you record a Voice Tag, make sure there is no background noise and speak in a clear, natural voice. Your phone allows you about two seconds for each Voice Tag.

Voice Control for Phone Book Entries

You can add a new Voice Tag when you set up a new Phone Book entry or when you amend an existing Phone Book entry. Alternatively, you can overwrite an existing Voice Tag or delete it completely.

☞*You cannot record a Voice Tag if you have set Prevent Access To Phone Memory.*

Add Voice Tag

This option is available from the Phone Book menu and allows you to add a Voice Tag to a new Phone Book entry.

Personal Numbers — Add Entry — Add To Phone Memory — Add Voice Tag

When you select Add To Phone Memory, your phone prompts you to enter a number, name and location and then stores the entry. For more details, see **"The Phone Book Menu" on page 48.**

After the prompt Stored XXX, your phone prompts you for a Voice Tag as follows:

1 ▌Add Voice Tag?

Press (OK) to continue.

If there are already 25 Phone Book Voice Tags in your phone, Voice Tag Storage Full appears and your phone returns you to the Add To Phone Memory menu option. You must delete a Voice Tag before you can add another.

If there are Voice Tags available, your phone prompts you to:

2 ▌Press OK When Ready

Press (OK) to continue.

3 Say Name After Tone...

Wait for the tone to finish and then say the name. For best results, use in an area with minimal wind or background noise.

4 ▌Press OK When Ready

Press (OK) to continue.

5 `Say Name After Tone...`

Wait for the tone to finish and then say the name as you did in step 3. For best results, use in an area with minimal wind or background noise.

6 If the recording is successful, `Please Wait` appears after two seconds followed by ✓ `Voice Tag Stored`.

When a Voice Tag recording is successful, your phone returns you to the `Add To Phone Memory` menu option.

If the recording is not successful, for example, if the name you used is too similar to another Voice Tag name, the phone displays the reason for not accepting the name and returns you to the ⚏ `Press OK When Ready` prompt.

Add or Edit Voice Tag and Delete Voice Tag

These options are available from the Phone Book menu or the Quick Access menu. First, select either `Find Entry by Name` or `Find Entry by Location`.

After you enter the name or location details, you can select the appropriate Voice Tag menu option.

Find Entry — `ENTER LOCATION`
By Location
 - Call Number
 - Modify Name Or Number
 - Erase Name And Number
 - Add or Edit Voice Tag
 - Delete Voice Tag
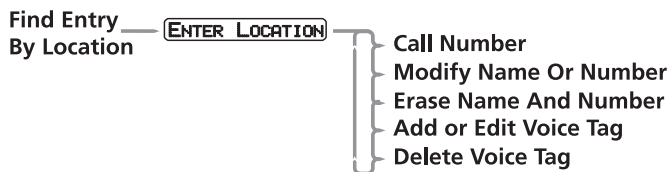
Add or Edit Voice Tag

☞ *This option does not appear if the phone number is not in phone memory.*

Select this option to add a Voice Tag to the Phone Book entry or to overwrite an existing Voice Tag. If an entry already has a Voice Tag, the symbol ❫❫ appears after the location number and before the name, if stored.

When you select this option, the phone prompts you with ⚏ `Press OK When Ready`.

To complete the Voice Tag recording, follow the same process as for "Add Voice Tag" on page 33.

Delete Voice Tag

☞ *This option does not appear if the phone number is not in phone memory or if there is no Voice Tag to delete.*

Select this option to delete the Voice Tag from the Phone Book entry.

When you press (OK), the phone deletes the Voice Tag and returns the prompt ✓ `Voice Tag Deleted`.

Using Voice Activation with Phone Book Entries

You can use the Smart Button, or you can use the Phone Book menu followed by ⊙.

Voice Activation Using the Smart Button

Press ⊙. If there is a Phone Book entry with a Voice Tag, the following prompt appears:

1 `Say Name After Tone...`

Wait for the tone to finish, then say the name. For best results, use in an area with minimal wind or background noise.

☞*If you press a key, you return to the Phone Book.*

If the phone does not find a matching Voice Tag, `No Match Found` appears and you return to the Phone Book.

If the name you say matches a Voice Tag, the phone repeats the name and displays the Phone Book entry.

2 Do one of the following:

- Wait for two seconds. The phone makes the call.
- Press (OK) to make the call or (C) to cancel the call.
- Press ⬍ to display the next entry in the Phone Book.

When you scroll to a Phone Book entry that has a Voice Tag, your phone replays the Voice Tag through the speaker.

Voice Activation Using the Phone Book Menu

Select Voice Dialing from the Phone Book menu.

When you press (OK), the phone displays the message 🔋 `Press Smart Button When Ready`.

To complete the voice activation, follow the same process as for "Voice Activation Using the Smart Button" above.

Voice Control for Quick Access Features

You can use Voice Tags to activate any of the Quick Access features on your phone. You are not restricted to the nine Quick Access keys.

Quick Access Setup

Quick Access Setup ⟶ Assign Key to Feature
Add or Edit Voice Tag
Delete Voice Tag

This option is available from the Phone Setup menu and allows you to do the following:

- Customize your Quick Access menu.
- Set up and change the Voice Tag allocation for the Quick Access features.

When you select `Quick Access Setup`, your phone displays a list of the Quick Access features. If a feature already has a Voice Tag, the symbol `⟩⟩` appears with the feature name.

Use ⬍ to highlight the feature you require, then press (OK). You can then assign a key or change the Voice Tag setup.

Assign Key to Feature

Select this option to assign a key to the Quick Access feature. Your phone displays the prompt `Enter 1-9:`.

Press (1) to (9ᵂˣʸᶻ) to assign a key, and then press (OK).

If you assign a valid key, your phone displays ✓ `Completed` and returns you to the Quick Access feature list.

As an alternative, you can also assign a key using the Quick Access key ($\boxed{\uparrow}$). See "Using the Quick Access Menu" on page 89.

Add or Edit Voice Tag

Select this option to add a Voice Tag to the quick access feature or to overwrite an existing Voice Tag.

If you attempt to add another Voice Tag when there are already 9 Quick Access voice tags in your phone, `Voice Tag Storage Full` appears and your phone returns you to the Quick Access feature list. You must delete a Voice Tag before you can add another.

If there are Voice Tags available, your phone prompts you to:

1 `G Press OK When Ready`

Press $\boxed{OK}$ to continue.

2 `Say Name After Tone...`

Wait for the tone to finish and then say the name. For best results, use in an area with minimal wind or background noise.

3 `G Press OK When Ready`

Press $\boxed{OK}$ to continue.

4 `Say Name After Tone...`

Wait for the tone to finish and then say the name as you did in step 2. For best results, use in an area with minimal wind or background noise.

5 If the recording is successful, `Please Wait` appears after two seconds followed by ☑ `Voice Tag Stored`.

When a Voice Tag recording is successful, your phone returns you to the quick access feature list.

If the recording is not successful, for example, if the name you used is similar to another Voice Tag name, the phone displays the reason for not accepting the name and returns you to the `G Press OK When Ready` prompt.

Delete Voice Tag

☞*This option does not appear if there is no Voice Tag to delete.*

Select this option to delete the Voice Tag from the quick access feature.

When you press $\boxed{OK}$, the phone deletes the Voice Tag and returns the prompt ☑ `Voice Tag Deleted`.

Using Voice Activation with Quick Access Features

To activate a quick access feature using Voice Control:

1 Press ⬆.

If there is a quick access feature with a Voice Tag, the following prompt appears:

`Say Name After Tone...`

2 Wait for the tone to finish and then say the name.

Press Ⓒ to return to the idle screen. Press a numeric key or ⓄⓀ to activate the appropriate Quick Access feature. Press 🔅 to display the Quick Access menu list.

If the phone does not find a matching Voice Tag, `No Match Found` appears and you return to the Quick Access menu.

If the name you say matches a Voice Tag, the phone repeats the name and displays the entry for the Quick Access feature.

3 Do one of the following:

- Wait for two seconds and the phone activates the feature.

- Press ⓄⓀ to activate the feature or Ⓒ to return to the Quick Access menu list.

- Press 🔅 to display the next entry in the Quick Access menu.

When you scroll to a Quick Access feature that has a Voice Tag, your phone replays the Voice Tag through the speaker.

GPRS for Motorola TIMEPORT P7382i phone

Your *Motorola* Timeport™ P7382i phone now includes state-of-the-art wireless data capability via a technology known as *GPRS*.

Packaged with the phone you will find a GPRS CD to help you set up your GPRS dial-up networking connection between your phone and your personal computer. You can use either an infrared connection (IrDA) or a wired connection using the RS-232 cable which, is also provided with your phone.

To set up a GPRS dial-up networking connection using your GPRS CD ROM, follow the instructions in this section.

❗ The GPRS CD works with Windows 95, Windows 98 and Windows NT 4.0. Please note, for Windows NT 4.0, you must have user administrator privileges.

Using GPRS via RS-232 Cable

1 Insert the CD into the CD-ROM drive on your PC.

2 Install the GPRS serial modem for RS-232 by clicking on `Install Instructions.`

3 Download the `gprs.inf` file to a local directory.

4 From the Windows™ control panel, go to `Modem` and click on `Add modem`.

5 Select `Don't detect my modem` and then click on `Next`.

6 Click on `Have Disk`.

7 Click on `Browse`, select the `gprs.inf` file, and click on `Open`.

8 Choose `Next` and select the appropriate `COM port` to finish the installation.

9 Close the Modem Window.

10 When prompted to `Update the Dialup Connections`, select `Yes`.

11 Restart the PC.

12 Select `Download GPRS Wizard`.

13 Follow the on-screen instructions provided by GPRS Wizard.

Using GPRS via IrDA

1 Install the Wizard CD, which is included in the box with your phone.

2 Follow the on-screen instructions for installing `Modem for IrDA`.

3 Follow the on-screen instructions for setting up a dial-up networking connection.

☞*If you are using Truesync, remove the Truesync CD, install the GPRS Wizard CD, and follow the instructions above.*

Using the Options Menu

MENU

Access Internet † #

Phone Book
- Voice Dialing
- Personal Numbers
- Show Services †
- Last Ten Calls
- My Phone Number(s)
- Fixed Dialing †
- One-Touch Dial Setting

Call Related Features
- Show Battery Meter
- Restrict My Phone Number †
- Call Forwarding †
- Talk and Fax †
- Call Waiting †
- *Call Barring* †

Messages
- Call Voicemail †
- Received Messages †
- Outgoing Messages †
- Message Editor †
- Voice Notes
- Cell Broadcast
- Message Settings

Phone Setup
- Select Phone Line †
- Adjust Ring Volume
- Ring Or Vibrate
- Set Ringer Tone
- Set Ringer Tone 2 †
- Set Message Alert Tone
- Edit Music Tone
- Message Popup Alert
- Quick Access Setup
- Phone Lock
- Activate IR Port
- Adjust Contrast
- Require SIM Card PIN
- Change SIM PIN2 Code †
- New Security Code
- Extended Menus
- *Show Time and Date*
- *Set Time and Date*
- *Set Time Format*
- *Backlight*
- *Language Selection*
- Entry Method Selection
- *Battery Saving Mode*
- *Select Keypad Tones*
- *Setup Internet* †
- *Phone Status*

Network Selection
- Available Networks
- *Network Search*
- Preferred Networks
- Find New Network

Call Meters
- Show Call Charges †
- Show Call Timers
- Set Audible Call Timers
- Set In-Call Display
- Call Charge Settings †
- *Lifetime Timer*

Accessory Setup *
- Mute Car Radio
- Automatic Answer
- Automatic Handsfree
- Safety Timer
- Auxiliary Alert

Menu Navigation

OK
C

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

\# If your service provider has added their own menu, the Access Internet menu will not be the first item in the Options menu.

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

* The **Accessory Setup** option is available only when a car kit or headset accessory are fitted.

** Network and subscription dependent feature.

MENU

Access Internet

MENU

☞*Access Internet is a network and subscription-dependent feature. Contact your service provider for details about the mobile internet services based on the WAP (Wireless Application Protocol) technology that they provide.*

browser by
P™
phone.com

RSA™
SECURE

Your phone has mobile internet access. This allows you to use the mobile internet services available from your service provider; for example, financial, sports, travel, and entertainment information services.

This section explains:

• some of the common display features

• how to set up your phone for mobile internet access

• how to start a mobile internet session

• how to use and end the mobile internet session

Common Display Features

Your service provider determines the layout and information that appears on the display. This example display illustrates a typical mobile internet screen and the soft keys you use to select and navigate through options.

Menu Title
1> Option 1
2> Option 2
3> Option 3
[Icon] Softkey1   Softkey2
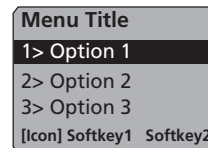
Using the Browser Menu

You can only access the Browser Menu during a mobile internet session. To display the Browser Menu:

1 Press either (MENU) or (↑). When your phone prompts you with Access Internet, press (OK).

2 Press and hold the (MENU) key until the Browser Menu appears.

You will then be presented with the following list of options:

Help: Provides help, if available, for the previously highlighted option.

My Motorola: Takes you to the MyMotorola.com web site.

Home: Returns you to your home page provided by your service provider.

Mark site: Allows you to add a site to your Bookmarks folder.

`Phone.com:` Takes you to the *Phone.com* web site.

`Advanced:` Allows you access to advanced set up options.

`Setup:` Contains the options to set up your mobile internet access.

3 To select a menu option, use the ⬍ key to scroll to the appropriate option, then press (OK) to select it.

Using the Soft Keys

To select a soft key from the display during a mobile internet session, press (OK) or (MENU). The soft keys change so that they are appropriate for the current display, for example, `Quit`, `OK`, `Back`, or `View`. In the example display, (MENU) selects `softkey1` and (OK) selects `softkey2`.

Mobile Internet Icons and Messages

Icon or Message	Description
`Sending )))))`	Sending data to the internet.
`Receiving (((((`	Receiving data from the internet.
`Connecting....`	Connecting to the internet.
`Working....`	Performing an internet activity.
[struck out key symbol]	Non-secure internet connection.

☞*The internet service you receive determines the icons and messages that appear in the display.*

Setting Up for Mobile Internet Access

☞*Your service provider may set up your mobile internet access automatically, but in the event that you need to set up your mobile internet access, follow the steps below.*

☞*Your SIM Card must be data enabled by your service provider.*

1 At the `Access Internet` prompt, press (OK).

2 Press and hold the (MENU) key until the Browser Menu appears.

Configuring Profiles

1 Scroll to `Setup` and press (OK) to select it.

You are presented with the following options:

```
1> [Profile 1]
2> [Profile 2]
3> [Profile 3]
```

☞*When this screen first appears, there may be no Profile names displayed. You will be able to enter the profile names as described below.*

☞*Your service provider may have already configured one or more profiles which you may not be able to edit as described.*

2 Scroll to the profile you wish to configure, and press (OK) to select it.

You are presented with the following options:

```
1 WAP Settings
2 Data Bearer
3 Profile Name
```

(MENU)

Configuring Your WAP settings

1 Scroll to 1>WAP Settings, and press (OK) to select it. You are presented with the following options:

1 Primary IP:
2 Primary Port:
3 Secondary IP:
4 Secondary Port:
5 Idle Time Out:

2 Scroll to 1>Primary IP:, and press (OK) to select it. When prompted to enter the IP address, press and hold (C) to clear the field and enter the IP address provided by your ISP. (The IP address is in the format *123.123.123.123*.) After entering the address press (OK). You will return to the previous screen.

3 Scroll to Primary Port and press (OK) to select it. Press and hold (C) to clear the field, enter the number provided by your ISP, then press (OK). You will return to the previous screen.

4 Repeat steps 2 and 3 to select and configure the Secondary IP and Secondary Port.

5 Scroll to Idle Time Out: and press (OK) to select it.

6 Enter the required Idle Time Out and press (OK). (The default is currently 600 seconds.) You will return to the previous screen.

7 Press (MENU) to return to the Profile options screen.

Configuring the Data Bearer

Scroll to 2>Data Bearer and press (OK) to select it. You are presented with the following options:

1 GPRS
2 CSD

Configuring GPRS

1 Scroll to GPRS and press (OK) to select it. You are presented with the following options:

1 APN:
2 Username:
3 Password:

2 Scroll to APN: and press (OK) to select it. When prompted to enter the APN, press and hold (C) to clear the field, then enter the APN provided by your ISP. Press (MENU) to toggle between the available text entry methods. (See "Entering Text on Your Phone" on page 50.) After entering the APN, press (OK). You will return to the previous screen.

3 Scroll to Username: and press (OK) to select it. When prompted to enter the User Name, press and hold (C) to clear the field, then enter the User Name provided by your ISP. Press (MENU) to toggle between the available text entry methods. (See "Entering Text on Your Phone" on page 50.) After entering the User Name, press (OK). You will return to the previous screen.

MENU

4 Scroll to `Password:` and press (OK) to select it. When prompted to enter the Password, press and hold (C) to clear the field, and enter the Password which may be provided by your operator.

Press (MENU) to toggle between the available text entry methods: `Num`—Numerical; `alpha`—alphabetical; `Sym`—Symbols. (See "Entering Text on Your Phone" on page 50.) When you select `Sym`, a symbol is entered for only one character. The text entry method then returns to the previously selected entry method.

As you enter a letter, the phone briefly displays the letter and then changes to an asterisk (*) for security purposes.

After entering the Password, press (OK). You will return to the previous screen.

5 Press (MENU) to return to the Data Bearer screen.

Configuring CSD

1 Scroll down using the key to `CSD` and press (OK) to select it. You will be presented with the following options:
```
1 Phone #:
2 Username:
3 Password:
4 Baud Rate:
5 Line Type:
```

2 Scroll to `Phone #:` and press (OK) to select it. When prompted to enter the Number, press and hold (C) to clear the field, then enter the number provided by your ISP. After entering the number, press (OK). You will return to the previous screen.

3 Scroll to `Username:` and press (OK) to select it. When prompted to enter the User Name, press and hold (C) to clear the field, then enter the User Name provided by your ISP. Press (MENU) to toggle between the available text entry methods. (See "Entering Text on Your Phone" on page 50.) After entering the User Name, press (OK). You will return to the previous screen.

4 Scroll to `Password:` and press (OK) to select it. When prompted to enter the Password, press and hold (C) to clear the field, then enter the Password (which may be provided by your ISP).

Press (MENU) to toggle between the available text entry methods, `Num`—Numerical); `alpha`—alphabetical; `Sym`—Symbols. (See "Entering Text on Your Phone" on page 50.) When you select `Sym`, a symbol is entered for only one character. The text entry method then returns to the previously selected entry method.

As you enter a letter, the phone briefly displays the letter and then change to an asterisk (*) for security purposes.

After entering the Password, press (OK). You will return to the previous screen.

5 Scroll to `Line Type:` and press (OK) to select it. You can choose between `Modem` and `ISDN`. After selecting the required Line Type, press (OK). You will return to the previous screen.

6 Press (MENU) to return to the Profile options screen.

MENU

Using the Options Menu   **43**

Editing the Profile Name

1 Scroll to Profile Name: and press (OK) to select it. When prompted to Edit Name, press and hold (C) to clear the field, then enter the name you wish to give this profile. Press (MENU) to toggle between the available text entry methods. (See "Entering Text on Your Phone" on page 50.) After entering the Profile Name, press (OK). You will return to the previous screen.

2 Press (MENU) to return to the Profile Selection screen.

3 Press (C) to return to the Access Internet screen.

4 To exit the Browser Menu, press (MENU) twice, then the Smart Button.

Storing your Phone Number in Your Phone

1 To store your phone number in the phone, press (MENU), then scroll to Phone Book and press (OK). Scroll to My Phone Number(s), press (OK), and enter your phone number, including the + and the country code.

2 Press and hold the (C) key to exit the Phone Book Menu.

Initializing Your Internet Account for the First Time

To provide a high level of security for your Internet-capable phone, an added security feature has been implemented. Your phone will automatically lock for internet use with the first SIM card used.

☞*Normal voice calls are **NOT** affected.*

This feature can help prevent other SIM cards from being used to access your Internet account. This means that should you use a SIM card other than your own during the **FIRST** internet connection, the following procedure must be followed to enable your own SIM to be provisioned.

Before you can start a mobile internet session, you need to contact your ISP to request that your Internet Account be initialized.

1 Power off the phone.

2 Power on the phone.

3 Start the browser.

The first time you connect, you are prompted to select either:

• Verify Key

• New key

Choose New key. You will see the messages generating >>>>>>>>, computing <<<<<<< followed by a welcome message from your ISP. Once the key exchange is complete, you are ready with your new secured key and can start a mobile internet session.

GPRS Data Services Available with This Phone

- Mobile Internet Session over GPRS (WAP Session)
- Mobile Data Call over GPRS via connection to PC (for example: file transfer, database access, HTML web browsing, Internet Access)

Getting Started

1 Press (O) to turn on the phone.

2 Determine the type of GPRS data call that you would like to initiate (that is, WAP session or Data call via connection to PC) and follow the instructions provided below.

Starting a Mobile Internet Session (WAP session via GPRS)

⚡ *Press (↑). Select the Quick Access feature or after the tone, say the Voice Tag name.*

The menu option `Access Internet` starts a mobile internet session.

When you start a mobile internet session, you will see the messages `Connecting...`, `Sending ))))` and `Receiving ((((` before your home page appears.

Using the Mobile Internet Session

Selecting Options Within a Mobile Internet Session

If the Internet page has a list of menu options, scroll to the appropriate menu option and press (OK) to select it. Press (C) to return to the previous screen.

When the text for a menu option is too wide for the screen, the phone uses two screens and repeats each half of the menu list until you make a selection.

Editing Text Within a Mobile Internet Session

You edit text in a mobile internet session in a similar way to editing text in all other phone functions, but you can use soft keys to enter symbols and numbers easily. See "Entering Text on Your Phone" on page 50.

Making and Receiving Calls During a Mobile Internet Session

To make a call, you must end the mobile internet session and make your call in the normal way.

You cannot receive voice calls during an on-line mobile internet session. When an on-line session is in progress, the phone displays the 📞 (In Use) icon. If you receive a call during a mobile internet session, the phone forwards the call. (See "Call Forwarding.")*

If you receive a call during an off-line mobile internet session (the 📞 (In Use) icon is not displayed), your phone prompts you to `Answer?`. Press (OK) to accept the call, or press (C) to reject it.

If you answer the call, `WAP Session Paused — Resume?` appears when you end the call. Press (OK) to resume your mobile internet session, or press (C) to return to the idle phone display.

MENU

---

* *Availability of this feature depends on your service provider.*

■MENU

Access Internet — **Phone Book** — **Call Related Features** — **Messages** — **Phone Setup** — **Network Selection** — **Call Meters** — **Accessory Setup**
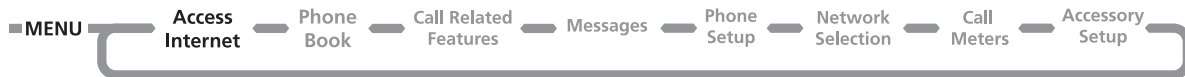
Internet Service Alerts

You do not need to be using the mobile internet to receive an internet service alert. If you receive an alert, your phone:

- emits an alert tone (depending on the `Ringer On or Off` setting)
- displays a pop-up screen with appropriate alert details.

Press (OK) to display the contents of the alert, or press (C) to reject it.

Ending a Mobile Internet Session

Press the (C) key repeatedly until the Internet home page appears. Press (C) again to end the mobile internet session.

You can also press the Smart button to end the mobile internet session. This immediately returns you to the idle phone display.

Summary of Keys Within a Mobile Internet Session

Key action	Effect in mobile internet	Effect in text editor*
Press (MENU)	Selects the first soft key (softkey1 in the example).	
Press (OK)	Selects the second soft key (softkey2 in the example).	
Press and hold (MENU)	Displays the mobile internet menu.	
Press ⊙ **or** Press (↑), then (C)	Ends the mobile internet session.	
Press (C)	Takes you back to the previous screen.	Deletes the character in front of the cursor.
Press (C) repeatedly Press (C) again	Takes you back to the internet home page. Ends the mobile internet session.	Deletes all the characters in the edit area.
Press (1)...(9 wxyz)	Selects a menu option in a list.	Inserts an alphanumeric character.
Press and hold (1)...(9 wxyz)	Takes you to a bookmarked page.	Changes the case for the next alphanumeric character.
Press ⬍	Takes you up or down through a list of menu options.	Moves the cursor one position to the left or one position to the right.

*   *For full details, see "Entering Text on Your Phone" on page 50.*

Accessing MyMotorola.com

> ⚡ *Press (↑). Select the Quick Access feature or after the tone, say the Voice Tag name.*

The My Motorola option on the mobile internet menu allows you to go directly to the *MyMotorola.com* web site.

Go to MyMotorola.com today!

MyMotorola.com is a powerful, free tool that allows you to get the most from your Timeport phone.

To access the power, simply go to http://www.mymotorola.com and register. Complete the "Join Now" registration form with some information about yourself and your phone to access support tools, personal information tools and a list of WML web sites that work great on your new Timeport phone.

By downloading TrueSync™ software and going to http://www.mymotorola.com you can keep your phone, your desktop organizer and your web-based address books synchronized and keep them instantly up-to-date and accessible.

You can enjoy the freedom of accessing your personal data from your phone, wherever you are. You can also access *MyMotorola.com* from any personal computer with an Internet connection, anywhere in the world.

MyMotorola.com gives you **the power to take your world with you:**

The power to be efficient. Enter information once—access and update your personal mobile organizer information, anywhere.

The power to stay informed. View your mobile bookmarks: the mobile Internet sites of your choice, for business or for pleasure, customized for your Timeport phone.

The power to relax. Enjoy exclusive access to games, give-aways and prizes. Explore your personal, mobile entertainment options and have fun with your friends.

Take your world with you. Visit *MyMotorola.com* today.
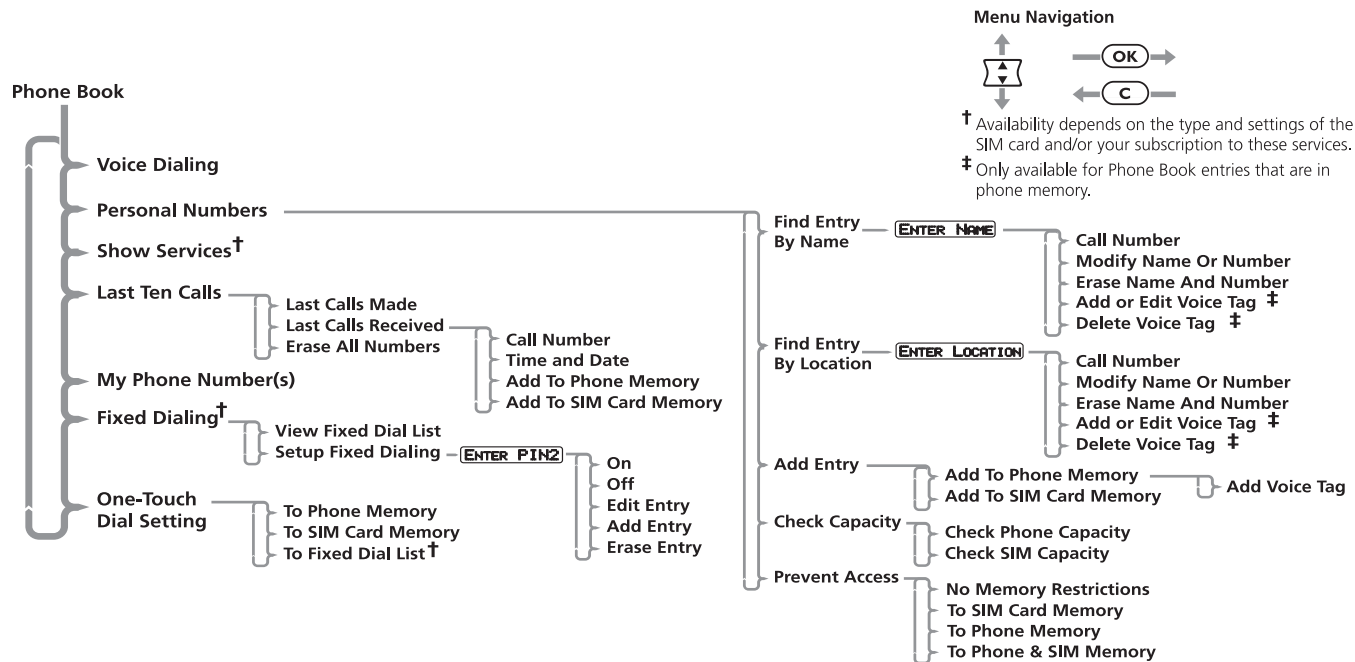
MENU

The Phone Book Menu

Menu Navigation

OK →
← C

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

‡ Only available for Phone Book entries that are in phone memory.

Phone Book

MENU

- Voice Dialing
- Personal Numbers
- Show Services †
- Last Ten Calls
  - Last Calls Made
  - Last Calls Received
  - Erase All Numbers
    - Call Number
    - Time and Date
    - Add To Phone Memory
    - Add To SIM Card Memory
- My Phone Number(s)
- Fixed Dialing †
  - View Fixed Dial List
  - Setup Fixed Dialing — [ENTER PIN2]
    - On
    - Off
    - Edit Entry
    - Add Entry
    - Erase Entry
- One-Touch Dial Setting
  - To Phone Memory
  - To SIM Card Memory
  - To Fixed Dial List †

- Find Entry By Name — [ENTER NAME]
  - Call Number
  - Modify Name Or Number
  - Erase Name And Number
  - Add or Edit Voice Tag ‡
  - Delete Voice Tag ‡
- Find Entry By Location — [ENTER LOCATION]
  - Call Number
  - Modify Name Or Number
  - Erase Name And Number
  - Add or Edit Voice Tag ‡
  - Delete Voice Tag ‡
- Add Entry
  - Add To Phone Memory — Add Voice Tag
  - Add To SIM Card Memory
- Check Capacity
  - Check Phone Capacity
  - Check SIM Capacity
- Prevent Access
  - No Memory Restrictions
  - To SIM Card Memory
  - To Phone Memory
  - To Phone & SIM Memory

☞ If your service provider has added its own menu, the Phone Book menu will not be the first item in the Options menu.

What Is the Phone Book?

You can store names and telephone numbers as entries in an electronic "Phone Book." These entries are stored in the *Personal Numbers list* in your phone or SIM card's memory, and in the *Fixed Dial list** on your SIM card. Once stored, a number can be quickly retrieved and dialed.

Your phone can store 100 entries and the SIM card can store up to 155 entries in the Personal Numbers list. The number of SIM card entries will vary depending upon the type of SIM card issued by your Cellular Service Provider.

You can also store up to 40 entries in a Fixed Dialing list if you have this feature. Fixed Dialing allows you to limit use of your phone to particular numbers, or, if you wish, to country codes, area codes, or other prefixes of your choosing.

Each Phone Book entry comprises:

• *A telephone number*—Up to 32 digits can be stored, but this is reduced to 20 digits for SIM card locations.

• *A name*—Up to 16 characters for phone locations. Up to 50 characters for SIM card locations, but typically 10 or less.

• *A location label*—From 1 to 255 in your Personal Numbers list, or 1 to 40 in your Fixed Dial list.

Postscripting

This allows you to make use of area codes and other prefixes previously stored in your Phone Book when making a call.

To use postscripting, select the Phone Book entry containing the prefix and then simply enter the rest of the number and press (OK) to make the call.

You can also use postscripting if you want to call a number similar to one you have stored in your Phone Book. Retrieve the number from the Phone Book, delete the relevant digits and then enter the new number.

☞*Postscripting a number does not overwrite the entry in the Phone Book.*

☞*Postscripting is not available when accessing the Phone Book using the Smart Button.*

MENU

* *Availability of the Fixed Dialing feature depends on the type of SIM card you have.*

Entering Text on Your Phone

You use the phone keypad ((0̇), (1) to (9ᵂˣʸᶻ)) to enter text on your phone. However, there are three different ways to enter text:

*iTAP software: When you press a key to generate a character, a dynamic dictionary uses this to build and display a set of word or name options. Note that iTAP software 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, for example, phone numbers.

* *For iTAP software, see page 68.*

This section identifies:

• the characters assigned to each key

• how to select an entry method

• how to use each entry method

Table of Characters

The table of characters identifies the characters assigned to each key. The top line shows the upper case characters and the lower line shows the lower case characters.

To change from upper case to lower case, or from lower case to upper case, press and hold the appropriate key ((2ᴬᴮᶜ) to (9ᵂˣʸᶻ)).

☞*In iTAP software mode, the keys (2ᴬᴮᶜ) to (9ᵂˣʸᶻ) generate standard letters as predicted by the dynamic dictionary, and the numbers 2 to 9. (1) generates all the punctuation and symbols, (0̇) only generates 0.*

MENU

(1)   Space . 1 ? ! , @ _ & : " ( ) ' ¿ ¡ % £ $
There is no case change for this key.

(2ᴬᴮᶜ)   A B C 2 Ä Å à Æ ß ç
a b c 2 ä å à æ ß ç

(3ᴰᴱᶠ)   D E F 3 Δ £ è Φ
d e f 3 Δ £ è Φ

(4ᴳᴴᴵ)   G H I 4 Γ ì
g h i 4 Γ ì

(5ᴶᴷᴸ)   J K L 5 Λ
j k l 5 Λ

(6ᴹᴺᴼ)   M N O 6 Ñ ö Ø ò Ω
m n o 6 ñ ö ø ò Ω

(7ᴾQᴿˢ)   P Q R S 7 Π ß Σ
p q r s 7 Π ß Σ

(8ᵀᵁⱽ)   T U V 8 Θ ü ù
t u v 8 Θ ü ù

(9ᵂˣʸᶻ)   W X Y Z 9 Ξ Ψ
w x y z 9 Ξ Ψ

(0̇)   + - 0 × * / = > < #
There is no case change for this key.

50 *Using the Options Menu*

Selecting a Text Entry Method

You can select a text entry method whenever you need to edit text, for example:

- in the phone book (Enter Name, Enter Number)
- in the message editor
- in the mobile internet session

Press (MENU) to display each of the available entry methods. Press (OK) to select the entry method you require.

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

The factory default for the entry method is Tap Mode. However, you can change the default. See "Entry Method Selection" on page 78.

How to Enter Text in iTAP Software Mode

☞*Only available if iTAP software supports the current language set up for your phone.*

In iTAP software Mode, each key has a number of different characters assigned to it. When you press a key to start a word, the available characters appear at the bottom of the display.

As you add characters, a dynamic dictionary builds and displays a set of text options along the bottom of the display. iTAP software highlights the first choice text option.
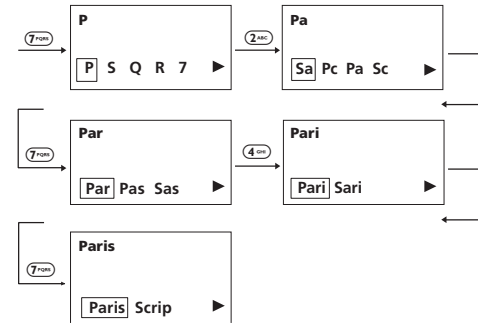
To highlight and add characters to an alternative text option, press (◀✱) or (#▶). A left or right arrow on the bottom line indicates that (◀✱) or (#▶) will display more text options.

When you are ready to add a highlighted word to the main display area, press (OK).
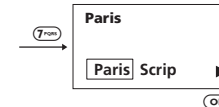
To start adding another word, press the next text key you require. However, if you have finished editing, select OK?.

iTAP Software—Locking a Word

You lock a word to give yourself a better selection of text options or to stop the dynamic dictionary from changing the core text you are using. The core text can change if you create a word that is not in the dynamic dictionary.

You can lock a word in two ways:

- Use (◄✱) or (#►) to highlight an alternative text option (even if you then return to the original text option). The highlighted text then forms the basis for all subsequent text options.

- Use (C) to return to the core text you require. For example you add ₱ to Scri but iTAP software changes the text option to Paris. If you press (C) and highlight Pari, Pari is then locked.

iTAP Software—Punctuation and Upper Case Characters

When you select a word to go into the main display area, iTAP™ software automatically inserts a space. However, iTAP™ software does not necessarily add a space if you insert a punctuation character, for example, a period.

Press (1) to add a punctuation character or symbol.

iTAP Software automatically adds an upper case character at the beginning of a message, at the beginning of a sentence, and at the beginning of each word in the phone book.

To insert upper case characters at any other time, press and hold the appropriate key ((2ABC) to (9WXYZ)).

iTAP Software—Adding Numeric Characters

When you press a key, the numeric character assigned to the key appears as one of the alternative text options. Once you highlight a numeric character, all subsequent characters are numeric until you press (OK).

iTAP Software—Correcting Text

In iTAP Software Mode, you can correct the text in the main display area. You can delete one character at a time or one word at a time.

To move the cursor (▤), press (◄✱) or (#►).

To delete the character before the cursor, press (C). You can then insert any new characters you require.

To delete the word before the cursor, press and hold (C). If you continue to press (C), you delete the next word, and so on, until you delete all the words.

iTAP Software—The Dynamic Dictionary

The dynamic dictionary learns the most recent and the most frequent words that you use. This includes names and acronyms. If there are words that you do not use frequently, then the dynamic dictionary deletes these first to make room for new words or words that are more frequently used.

The language you specify for the phone determines the dynamic dictionary that it uses (if there is one is available). See "Language Selection."

How to Enter Text in Tap Mode

In Tap Mode, each key has a number of different characters assigned to it. See "Table of Characters" on page 50. When you press the same key several times, you scroll through the assigned characters.

For example, press (5JKL) to display the J or j character. If you press the key again, you display the K or k character, and so on.

To enter the next character, press the next key that has the character you require. If the next character is on the same key, you must first press (#►).

Correcting Text

In Tap Mode, you can delete one character at a time or you can delete all the text.

To move the cursor (▤), press (◄⁕) or (#►).

To delete the character before the cursor, press (C). You can then insert any new characters you require.

To delete all the text, press and hold (C).

How to Enter Text in Numeric Mode

The keys (0+) and (1) to (9ᵂˣʸᶻ) produce numeric characters only.

Correcting Text

In Numeric Mode, you can delete one character at a time, or you can delete all the text.

To move the cursor (▤), press (◄⁕) or (#►).

To delete the character before the cursor, press (C). You can then insert any new characters you require.

To delete all the text, press and hold (C).

Voice Dialing

Select this option to call any phone number that has a Voice Tag. The phone prompts you to press the Smart Button. See "Using Voice Control" on page 33.

Personal Numbers

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

Find Entry By Name

⚡ *Press ⦿ and say the Voice Tag name after the tone. See "Using Voice Control" on page 33 for more information.*

⚡ *Press ⦿ and use the volume button to scroll to the stored number, or press the appropriate digit key to skip to a particular letter. To make the call, press and hold ⦿ for 1.5 seconds, or press (OK).*

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

Once selected, this option will display the message Enter Name. You can enter a maximum of three characters from a name 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.

MENU

■MENU■ | Access Internet | **Phone Book** | Call Related Features | Messages | Phone Setup | Network Selection | Call Meters | Accessory Setup

MENU

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 key. 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 ...'" later on this page.

Find Entry By Location

⚡ *Press ⊙ and say the Voice Tag name after the tone. See "Using Voice Control" on page 33 for more information.*

⚡ Location #►

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

Once selected, this option will display the message Enter Location. You can now enter a location number. If the entered location is not valid, a timed message Range 1-XXX will be displayed and the phone will return to the Enter Location menu item.

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 key. 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.

If the Phone Book entry is in phone memory, you can also add, edit or delete the Voice Tag.

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 or Edit Voice Tag and Delete Voice Tag

Use these options to add, edit or delete the Voice Tag for the Phone Book entry. See "Using Voice Control" on page 33.

Add Entry

⚡ *Press* ⬆. *Select the Quick Access feature or, after the tone, say the Voice Tag name.*

This option is used to add (store) entries to the Phone Book. You can choose to add the new entry to either the phone or SIM card memory locations.

Add To Phone Memory, Add To SIM Card Memory

Once you have selected the destination of the new entry, you will be asked to enter the telephone number, name and location number of the new entry.

The last telephone number displayed will be presented by default; it can be used or discarded as required.

If the entered location is not valid, a timed message Range YYY-ZZZ will be displayed and the phone will return to the Enter Location prompt. If the chosen location is currently used by another entry, you will be asked for confirmation that the location can be overwritten.

If you do not supply a location number, the next available location will be used.

When the new entry has been entered, a timed message Stored XXX will be displayed.

Add Voice Tag

If you add a Phone Book entry to the phone memory, the Add Voice Tag? prompt appears after Stored XXX. Press (OK) to add a Voice Tag. See "Using Voice Control" on page 33.

Check Capacity

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

Check Phone Capacity, Check SIM Capacity

Once selected, a timed message XX Unused Locations displays the requested information.

Prevent Access

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

☞*You cannot record a Voice Tag if you have set Prevent Access To Phone Memory.*

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

You can prevent access to all entries in the SIM card memory, the phone memory or both the phone and SIM card memory. 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.

MENU

Show Services

✍ Press (↑). Select the Quick Access feature or, after the tone, say the Voice Tag name.

This option displays a list of phone numbers and services provided by your Cellular Service Provider.

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

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, store a phone number in your phone book, or erase all of the phone numbers.

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

☞*You can use postscripting to modify a number once you have retrieved it from either of the Last Ten Calls lists.*

Last Calls Made

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

Last Calls Received

✍ Press (↑). Select the quick access feature or, after the tone, say the Voice Tag name.

Select this option to redial the phone number of any one of the last ten calls received. In addition, you can add time and date information to one call, and 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

Select this option to add a time and date stamp to the phone number. Press the (OK) key to accept the date and time stamp and return to the list of last ten calls received.

Add to Phone Memory

Select this option to add all the phone number details (including any details you have added) to your phone memory. If the name in the received call does not appear in your phone book, the phone prompts you to `Enter Name` and `Enter Location`. For further details, see "Add Entry" on page 55.

Add to SIM Card Memory

Select this option to add the phone number details (including any details you have added) to your SIM card memory. If the name in the received call does not appear in your phone book, the phone prompts you to `Enter Name` and `Enter Location`. For further details, see "Add Entry" on page 55.

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, fax and data 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 $\boxed{\updownarrow}$ key to scroll through the phone numbers stored.

To enter or change a number, scroll to the location and press $\boxed{\text{OK}}$. You will be prompted to enter a phone number and then a name. Press $\boxed{\text{OK}}$ 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.*

MENU

Fixed Dialing

☞*Availability of the Fixed Dialing 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 Dialing is switched on, the only numbers that can be dialed from your phone are those stored (or whose prefix is stored) in the Fixed Dial list. If you attempt to dial any other number (apart from an emergency number), the message Restricted will be displayed. You will not be able to make fax or data calls.

To make a call when Fixed Dialing is switched on, 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 Dialing

This option allows you to switch Fixed Dialing 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 dialing on.

Off

Switches fixed dialing 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 you select this option you will be prompted to enter the phone number, name and a location number. If you do not specify a location number, it will be 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 "One-Touch Dial Setting" on page 59.*

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 Dialed.

To Phone Memory

Switches One-Touch Dialing to your Personal Numbers list stored in phone memory (locations 1 to 9).

To SIM Card Memory

Switches One-Touch Dialing 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 Dialing.*

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

MENU

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.
$ Only on phones with a flip.

Call Related Features

MENU

- **Show Battery Meter**
- **Restrict My Phone Number** †
  - **Show ID On Next Call**
  - **Restrict ID On Next Call**
- **Call Forwarding** †
  - **See next page**
- **Talk and Fax** †
  - **On**
  - **Off**
- **Call Waiting** †
  - **On**
  - **Off**
- *Call Barring* †
  - *Bar Outgoing Calls*
    - *Int'l Calls*
    - *Int'l Calls Except Home*
    - *All Calls*
    - *Off*
  - *Bar Incoming Calls*
    - *When Roaming*
    - *All Calls*
    - *Off*
  - *Cancel All Barring*
  - *Change Bar Password*

Show Battery Meter

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

```
Battery
▪▪▪▪▪ + + + + + + + +     ╬
                    Quit?
```
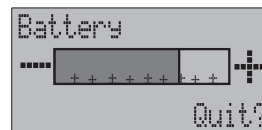
Number of Segments	Approximate Charge Level
1	less than 5% (recharging needed)
3	less than 20%
5	less than 60%
7	greater than 60%

⚡ *Press ⬆. Select the quick access feature or, after the tone, say the Voice Tag name.*

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

> ✒ *Press* (↑). *Select the Quick Access feature or, after the tone, say the Voice Tag name.*

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.
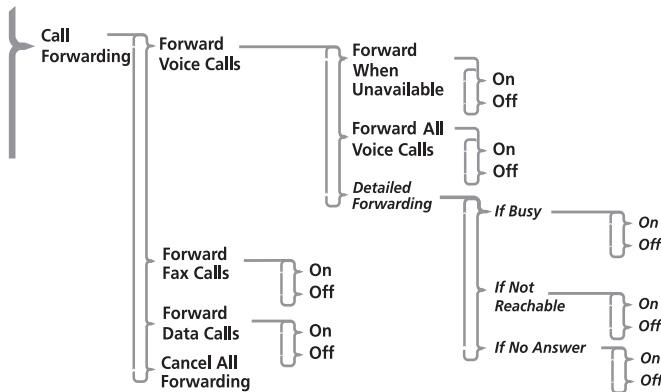
⬛ *Call Forwarding*

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

This option can be used to:

• Forward all incoming Voice calls unconditionally.

• Forward incoming Voice calls whenever your phone is unavailable, busy, not reachable or not answered.

• Forward incoming Fax calls.

• Forward incoming Data calls.

• Reset all forwarding options to off.

☞*You cannot change the call forward settings when you are out of network coverage.*

■MENU
Access Internet
Phone Book
Call Related Features
Messages
Phone Setup
Network Selection
Call Meters
Accessory Setup

After selecting any of the call forward options, there is a short delay while the phone asks the network for the current setting.

Forward Voice Calls

This option will allow you to set your phone to `Forward When Unavailable`, `Forward All Voice Calls`, or `Detailed Forwarding`.

Forward When Unavailable

This option will enable you to forward 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 forwarding phone number using the digit keys.

☞*Setting* `Forward When Unavailable` *to* `On` *has the same effect as setting all* `Detailed Forwarding` *options to* `On`.

☞*When* `On`, `Forward When Unavailable` *takes priority over detailed forwarding settings.*

Forward All Voice Calls

⚡ *Press* ⑦. *Select the Quick Access feature (*📞 *Forward On/Off?) or, after the tone, say the Voice Tag name. See "Voice Control for Quick Access Features" on page 35.*

This option will enable you to *unconditionally* forward 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 forwarding phone number using the digit keys.

To use the Quick Access option, you must have a forwarding phone number set up.

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

Detailed Forwarding

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

Each of the following detailed forwarding 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 forwarding phone number using the digit keys.

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

`If Busy`

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

`If Not Reachable`

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

`If No Answer`

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

Forward Fax Calls

This option will enable you to forward all Fax calls to a single number.

MENU

The option has two settings: On or Off.

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

Forward Data Calls

This option will enable you to forward all Data 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 forwarding phone number using the digit keys.

Cancel All Forwarding

This option will enable you to cancel the forwarding of incoming calls.

⚠ *This option resets all forwarding settings to* Off *and removes all forwarding numbers.*

Talk and Fax

This is a network feature that allows you to speak and then send or receive a fax during the course of a single call.

🔖 *Your phone supports a data and fax transmission speed of up to 9.6 kbps.*

Before making a Talk and Fax call, be sure that:

- Your phone is "fax-ready": It has been switched off, connected to the fax with one of the optional data/fax accessories, then switched back on. Connecting your phone to the fax in the middle of the call will not work.

- The Talk and Fax mode is set to On.

A Talk and Fax call automatically switches to fax mode when you start sending the fax. While the fax is being transmitted, the message Fax in progress is displayed. The call automatically ends when the fax transmission is complete. You cannot switch back to voice mode in the same call.

🔖 *While a Talk and Fax call is active, incoming call services like Call Waiting and Call Holding are suspended.*

If you receive a Talk and Fax call when your phone is not fax-ready, you can only talk.

If you receive a Talk and Fax call when your phone is fax-ready but Talk and Fax mode is off, the call is automatically routed to your fax. (You cannot talk.)

On

Switches Talk and Fax mode on for the next and all subsequent calls.

Off

Switches Talk and Fax mode off for the next and all subsequent calls.

MENU

MENU

OK *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 forwarded by the Detailed Forwarding – 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 (MENU) and then the key to scroll to an alternative option and then press (OK).

☞*If you have Caller Line Identification, the caller's number or name is displayed instead of the Call Waiting message.*

☞*Availability of this feature depends on your service provider.*

OK *Call Barring**

Call barring is a network feature that 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 is a short delay as the phone notifies the network of the new setting. When the change has been made by the network, the phone displays a confirmation message.

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

☞*This option may be affected by the Fixed Dialing setting.*

Bar Outgoing Calls

After this option is selected, there is a short delay while the phone asks the network for the current setting.

* *Network and subscription dependent feature. Not available in all areas.*

64 *Using the Options Menu*

Int'l Calls
When selected, this option bars outgoing international calls.

Int'l Calls Except Home
When selected, this option bars outgoing international calls, except those to your home country.

All Calls
When selected, this option bars all outgoing calls, except emergency calls.

Off
When selected, this option disables all call barring for outgoing calls.

Bar Incoming Calls
After this option is selected, there is a short delay while the phone asks the network for the current setting.

When Roaming
When selected, this option bars 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 bars all incoming calls.

Off
When selected, this option disables all call barring for incoming calls.

Cancel All Barring
Use this option to set all Call Barring options to Off.
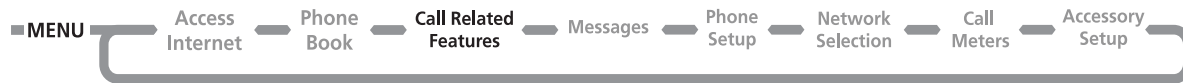
Change Bar Password

Use this option 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.

MENU

Messages Menu

Menu Navigation

† 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.

Messages

- Call Voicemail†
- Received Messages† — Message List
  - Delete Message
  - Reply to Message
  - Return Call
  - Edit Message — Send Message‡ / Store Message
  - Go to Next Message
  - Delete All Messages
- Outgoing Messages† — Message List
  - Send Message
  - Edit Message — Send Message‡ / Store Message
  - Delete Message
  - Go to Next Message
- Message Editor†
  - Send Message
  - Store Message
- Voice Notes
  - Play Voice Notes — Go To Next
  - Show Time Available
  - Erase All Voice Notes
- Cell Broadcast†
  - On
  - Off
  - Channel List
  - Language List† — Channel Index / Delete All Channels
- Message Settings
  - Voicemail Number
  - Service Center
  - Expiry Period
  - Outgoing Message Type

Your phone supports the two GSM message features: Short Message Services (SMS) and Cell Broadcast.

SMS Messages*

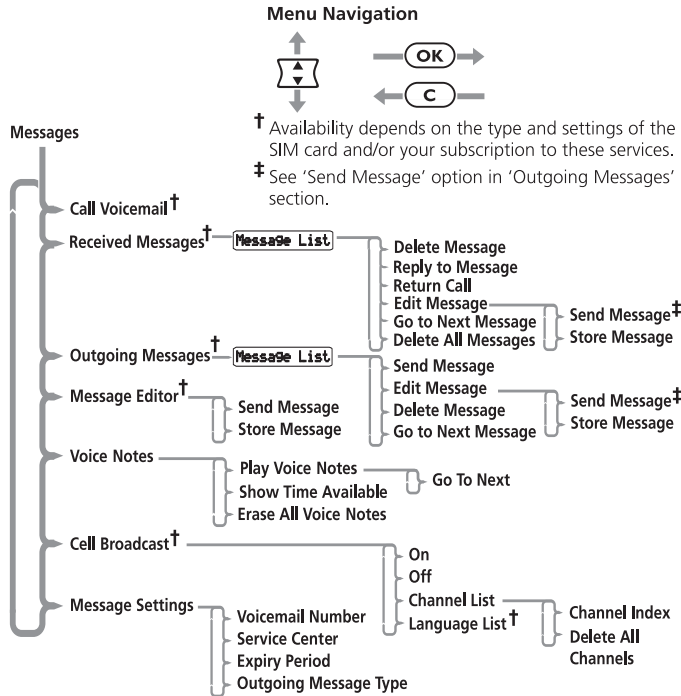These are text messages that are sent specifically to and from your phone number. How your phone alerts you to incoming messages depends on the `SMS Alert` setting. (See "SMS Alert" on page 77.)

Message Notification When SMS Alert Is Set to On

If `SMS Alert` is set to `On`, you phone alerts you to incoming messages by:

- displaying the ✉ (messages) icon
- making three short alert tones (depending on the `Ring or Vibrate` setting)
- displaying `Message`, along with the prompt `Read Now?`

If you press (OK), you see a message animation and the contents of 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, your phone performs the function associated with that key.

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

Message Notification When SMS Alert Is Set to Off

When `SMS Alert` is set to `Off`, your phone notifies you of incoming messages only be displaying the ✉ (messages) icon.

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* Network and subscription dependent feature. Not available in all areas.

■MENU

Access
Internet

Phone
Book

Call Related
Features

Messages

Phone
Setup

Network
Selection

Call
Meters

Accessory
Setup

You will not receive any other notification that a message has been received.

To view the new message, select Received Messages from the Messages menu, then follow the instructions in "How to Read SMS Messages" in the next column.

Storing Incoming Messages

Your phone automatically stores each incoming message for later viewing, if space permits. If there is not enough space, the ✉ icon flashes. You must remove one or more messages before the message can be stored.

Your Cellular Service Provider transmits a message for a limited time. If no memory location is made available to store the message on your phone before the message is removed from the network, you will not be able to receive or read it.

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.

The messages are broadcast in numbered *channels*. For example, channel 050 might be for local weather or traffic reports. 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. To remove the message from the display, press ⟨C⟩.

☞*To use the ⟨✱⟩ and ⟨#▸⟩ keys for their normal functions while receiving a cell broadcast message, first remove the message.*

When the message has scrolled across the display, the beginning of the message remains until one of the following occurs: you remove it; a new message arrives; or you leave the geographic area. For setup details, see "Cell Broadcast" on page 70.

How to Read SMS Messages

Use ⟨⬍⟩ to scroll through messages in the Received Messages or Outgoing Messages lists. Your phone displays the "viewing a message" animation for each message.

To display a specific message, enter the message number. For example, press ⟨5ᴶᴷᴸ⟩ to display the 5th message. If the message does not exist, Invalid Msg Number is displayed.

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 is displayed. Modify that message, or press and hold ⟨C⟩ to clear the message and start a new one. (See "Entering Text on Your Phone" on page 50.)

Press ⟨OK⟩ when you complete your message. You are presented with the following options:

Send Message—You are prompted for a phone number. Enter the number, then press ⟨OK⟩ to send the message. Your phone displays the "sending a message" animation.

Store Message—Store your edited message in your Outgoing Messages list.

☞*If you don't store the message after editing it, all changes are lost as soon as you select another message to edit.*

MENU

Using the Options Menu **67**

🆗 *Call Voicemail*

▱ *Press (↑). Select the Quick Access feature or, after the tone, say the Voice Tag name.*

Use this option to call the current voicemail number. You can also press (✉») to call the Voicemail number.

Use the Voicemail Number option in the Message Settings menu to enter the voicemail number.

🆗 *Received Messages*

▱ *Press (↑). Select the Quick Access feature (📧✉ Read Messages?) or, after the tone, say the Voice Tag name. See "Voice Control for Quick Access Features" on page 35.*

Use this option to view and manage SMS messages sent to your phone number. This option displays the total number of messages and how many are new. If there are no messages, No Messages is displayed.

If there are messages, new messages are displayed first, then old ones. Press 🔼 repeatedly to display the entire message, when it was sent, and the phone number of the sender (if available). After you read a new message, it automatically becomes old.

See "How to Read SMS Messages" on page 67 for more information on navigating through messages.

Press (OK) 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.

Edit Message

Use this option to use the Message Editor to edit the selected message and then to send the modified message and/or store it in your Outgoing Messages list. See "How to Create and Edit SMS Messages" on page 67 for more information.

Go to Next Message

This option displays the next received message. If you are currently reading the last message in your list, this option returns you 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.*

iTAP™ Software*

To turn iTAP software on, select Phone Setup from the Options menu and press (OK). Select Entry Method Selection and press (OK). Use the 🔼 key to select iTAP software and press (OK).

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* *Availability depends on your subscription to these services.*

MENU

Outgoing Messages

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

◢ *Press (↑). Select the Quick Access feature or, after the tone, say the Voice Tag name.*

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

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 Center number has been set. See "Message Settings" on page 71.*

Press the (OK) key, when viewing any message, to enter the sub-menu. See "How to Read SMS Messages" on page 67 for more information on navigating through the messages.

Send Message

```
┌─ Send Message ──────┐
│                     ├─ Enter Number
└─ Store Message ─────┤  Find Entry by Name
                      └─ Find Entry by Location
```
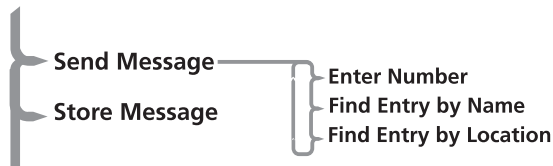
This option allows you to add the destination phone number using a sub-menu. Using the scroll keys you can select:

Enter Number—Manually enter the phone number using the keypad and send the message.

Find Entry by Name—Recall a phone number from the Phone Book by name and send the message. (See "Find Entry By Name" on page 53.)

Find Entry by Location—Recall a phone number from the Phone Book by location and send the message. (See "Find Entry By Location" on page 54.)

When you have set up a destination phone number, select (OK) to send the message. The phone displays the "sending a message" animation until you press (OK) to confirm that you are `Sending Message`.

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 67 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.

Message Editor

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

◢ *Press (↑). Select the Quick Access feature (✉ Message Editor?) or, after the tone, say the Voice Tag name. "Voice Control for Quick Access Features" on page 35.*

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

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" on page 67 for more information on using the Message Editor.

(MENU)

Voice Notes

The voice notes feature allows you to record a number of personal voice messages or to record conversations[*] during a phone call. See "Using the Voice Note Voice Recorder" on page 31 for more information.

### Play Voice Notes

⚡ *Press ⊤. Select the Quick Access feature or, after the tone, say the Voice Tag name.*

This option allows you to play your Voice Notes. Press ⬍ to scroll through the Voice Notes. Press (OK) while a Voice Note is playing to go to the next Voice Note.

Show Time Available

This option displays the amount of time available for you to record your Voice Notes.

Erase All Voice Notes

This option allows you to delete all your Voice Notes.

Cell Broadcast

This option is used to set the cell broadcast settings. See "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 ⬍ to highlight the channel index you require (1-5) and then press (OK). The phone prompts you with Enter Channel.

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

Please 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

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

This option allows you to select different languages for Cell Broadcast messages. See also "Language Selection."

---

[*] *Recording of phone calls is subject to varying State and Federal laws regarding privacy and recording of phone conversations.*

70 *Using the Options Menu*

Message Settings

Voicemail Number

This option is used to enter a phone number which will 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 Center

Before you can send any messages you must use this option to enter your Message Service Center number. This number is obtained from your Cellular Service Provider.

If there is already a Message Service Center number, it is displayed. This can be used, modified or deleted as desired.

To enter a Message Service Center number, enter the Messages menu and select `Message Settings`, then `Service Center`, and press (OK).

☞*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 unforwarded messages are to remain with the Message Service Center 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, although the real limit will depend on your Message Service Center.

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.*

MENU

Phone Setup Menu

Phone Setup
(Extended Menus - Off)

- Select Phone Line †
- Adjust Ring Volume
- Ring or Vibrate
  - Ring Only
  - Vibrate Only
  - Vibrate Then Ring
  - No Ring or Vibrate
- Set Ringer Tone
- Set Ringer Tone 2 †
  - Standard Tone
  - ⋮
  - Music Tone
- Set Message Alert Tone
  - Standard Tone
  - ⋮
  - Music Tone
- Edit Music Tone
  - Play Music
  - Save Music
  - Erase Music
- SMS Alert
  - On
  - Off
- Quick Access Setup
  - Assign Key to Feature
  - Add or Edit Voice Tag
  - Delete Voice Tag
- Phone Lock
  - Automatic Lock
  - Lock Now
  - Change Unlock Code
    - On
    - Off
- Activate IR Port
- Adjust Contrast
- Require SIM Card PIN
  - On
  - Off
- Change SIM PIN2 Code †
  - Change SIM PIN Code
- New Security Code
- Extended Menus
  - On
  - Off
- Entry Method Selection
  - iTAP Software
  - Tap Mode

MENU

Phone Setup
(Extended Menus - On)

- Select Phone Line †
- Extended Menus
  - On
  - Off
- *Show Time and Date*
- *Set Time and Date*
- *Set Time Format*
- *Backlight*
- *Language Selection*
  - *English*
  - ⋮
  - *Automatic*
- *Entry Method Selection*
  - *iTAP Software*
  - *Tap Mode*
- *Battery Saving Mode*
  - *On*
  - *Off*
- *Select Keypad Tones*
  - *Normal Tones*
  - *Single Tone*
  - *No Tones*
- *Setup Internet* †
- *Phone Status*
  - *Status Review*
  - *Master Reset*
  - *Master Clear*

Menu Navigation

↕   OK →
    C ←

Items shown in *Italics* are available only when **Extended Menus** are switched on.
† Availability depends on the type and settings of SIM card and/or your subscription to these serv

Select Phone Line

> ⚡ *Press* ⬆️. *Select the Quick Access feature or, after the tone, say the Voice Tag name.*

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.*

Adjust Ring Volume

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

The volume will be displayed as follows:

```
Ring Volume
----██|||||-+-
            Quit?
```

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

> ⚡ *Press* ⬆️ *followed by the volume button to either increase or decrease the ringer volume.*

🆗 Ring or Vibrate

> ⚡ *Press* ⬆️. *Select the Quick Access feature (《📳》 Vibrate On/Off?) or, after the tone, say the Voice Tag name. See "Voice Control for Quick Access Features" on page 35.*

This option sets the way your phone alerts you to an incoming call. The options are:

- `Ring Only`—The phone rings with the tone specified by the Set Ringer Tone option.

- `Vibrate Only`—The phone vibrates using VibraCall® alert.

- `Vibrate Then Ring`—The phone vibrates twice and then rings.

- `No Ring or Vibrate`—The phone only displays the `Call` message.

☞*The setting you choose also defines the type of alert for an incoming SMS message (except that if you select `Vibrate Then Ring`, your phone will just vibrate).*

MENU

Using the Options Menu **73**

OK 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.

OK Set Ringer Tone 2*

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

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

OK Set Message Alert Tone

If SMS Alert is set to On, the Set Message Alert Tone option sets the tone your phone makes when it receives an SMS message.

For more information on SMS Alert, see "Message Notification When SMS Alert Is Set to On" on page 66 and "Message Notification When SMS Alert Is Set to Off" on page 66.

Standard Tone

Your phone makes a standard SMS alert tone.

Single Ring Tone—Music Tone

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 an SMS message.

Edit Music Tone

Select this option to create your own music tone. Your phone prompts you with Edit Music:. Use your phone keypad to enter the musical notes. See "Entering Text on Your Phone" on page 50.

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, enter a + or a - directly after the note.

Unless you specify otherwise, each note is a quarter note that sounds for one beat. To specify the length of the note, enter 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 Play Music, Save Music, or Erase Music.

---

* *Network and subscription dependent feature. Not available in all areas.*

SMS Alert

Use this option to specify how your phone notifies you that you have received new SMS messages. This option has two settings: On or Off.

For more information on this option, see "Message Notification When SMS Alert Is Set to On" and "Message Notification When SMS Alert Is Set to On" on page 66.

Quick Access Setup

This option allows you to do the following:

- Customize your Quick Access menu.
- Set up and change the Voice Tag allocation for the Quick Access features.

For more information, see "Voice Control for Quick Access Features" on page 35.

⒪ *Phone Lock*

> ⚡ *Press (↑). Select the Quick Access feature or, after the tone, say the Voice Tag name.*

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 that 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 this option is selected, your phone is unusable until you enter the unlock code.

Change Unlock Code

This option is used to change the unlock code.

After selecting this option, you are prompted 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 (MENU) key, you can access this option even when the phone is locked.*

Activate IR Port

> ⚡ *Press (↑). Select the Quick Access feature or, after the tone, say the Voice Tag name.*

Press (OK) to activate the infra-red feature. ☑ Activated indicates that the phone is ready for an infra-red connection.

Your phone waits for an infra-red connection for one minute and then automatically de-activates. Before the infra-red feature de-activates, your phone emits an alert tone and displays the Reactivate IR Port prompt. Press (OK) to continue.

For additional setup details, see "Setting up the Infra-Red Feature" on page 15.

(MENU)

Using the Options Menu **75**

■MENU

Access Internet — Phone Book — Call Related Features — Messages — **Phone Setup** — Network Selection — Call Meters — Accessory Setup

Adjust Contrast

> 📶 *Press* (↑). *Select the Quick Access feature or, after the tone, say the Voice Tag name.*

This option is used to adjust the screen contrast.

Adjust the contrast by pressing (◀ ✱) or (# ▶).

Press (OK) or (C) to end the contrast adjustment.

```
Adjust Contrast
◀ |....|....| ▶
            Quit?
```
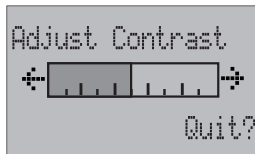
Require SIM Card PIN

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.

Before you can proceed, you must set the Require SIM Card PIN option to On and enter the old PIN code.

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

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

Unblocking Your Phone

If you receive the Blocked message, you must 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.*

Enter the following key sequence to unblock your phone:

(◀ ✱)(◀ ✱)(0 ＋)(5 ᴶᴷᴸ)(◀ ✱)(Unblock Code)(OK)
(New PIN Code)(OK)(New PIN Code)(OK)

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 are prompted to enter a new, four- to eight-digit code to replace the old PIN2 security code. You must enter the new PIN2 security code a second time 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 denied access to menu items that require you to enter the PIN2 code, for example Setup Fixed Dialing and Call Charge Settings.

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

⟨✳⟩ ⟨✳⟩ ⟨0⟩ ⟨5 JKL⟩ ⟨2 ABC⟩ ⟨✳⟩ ⟨Unblock Code⟩ ⟨OK⟩
⟨New PIN2 Code⟩ ⟨OK⟩ ⟨New PIN2 Code⟩ ⟨OK⟩

☞*The 8-digit unblocking code is 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 at manufacture to **000000**.

Once you select this option, you are asked to enter the current security code before you can proceed.

You are then 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.*

ⓄⓀ Extended Menus

⚡ *Press and hold ⟨MENU⟩. Extended Menus will be temporarily activated until you exit the Options menu.*

This option is used to switch the extended menus on or off. If the extended menu option is switched off, you will not be able to access any of the extended features.

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

Show Time and Date

⚡ *Press ⟨↑⟩. Select the Quick Access feature or, after the tone, say the Voice Tag name.*

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 are prompted to `Enter Time`. (The time must be entered in 24-hour format.) You are then prompted to `Enter Date`.

ⓄⓀ Set Time Format

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

⟨MENU⟩

Using the Options Menu **77**

🆗 *Backlight*

This option is used to control the display backlight. You can specify any of three settings:

- Normal—backlight remains on for 15 seconds after you press a key, receive an SMS or voicemail message, or receive an incoming call
- Continuous—backlight remains on indefinitely
- Off—no display backlight

🆗 *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 of the available options. Then press ⓞⓚ to select the entry method you require.

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

See "Entering Text on Your Phone" on page 50.

Battery Saving Mode

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

The option has two settings: On or Off.

Setup Internet

☞*Availability of this feature depends on your service provider.*

This option enables you to set up your internet access. For information on using this option, see "Setting Up for Mobile Internet Access" on page 41.

🆗 *Select Keypad Tones*

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

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

Phone Status

Status Review

This option can be used to view the current setting of menu options.

When you select this option, your phone displays a list of menu items which have been changed from the default setting. Press the ⓜ key to view the next item.

Master Reset

🔳 *This option should be used with caution.*

This option is used to restore certain phone options to their original settings. It only takes effect once the phone has been turned off and back on.

When you select this option, you will be asked to enter the security code. Once entered, the master reset option will perform the following operations:

- Cancel Automatic Answer, Audible Call Timers, In-Call Display Meter, Battery Save (DTX), Auxiliary Alert, Automatic Handsfree, Automatic Lock, Cell Broadcast and Talk and Fax Mode.
- Return Language Selection and Entry Method 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 from your phone memory.*

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

When selected, you will be asked to enter the security code. Once entered, the master clear option will perform the same operations as Master Reset, plus the following operations:

- Clear the Phone Book entries from phone memory (not from SIM memory)
- Clear the Last Calls Made and Last Calls received list
- Clear the Message Editor
- Reset the Resettable Call Timers.
- Erase all recorded Voice Notes.
- Erase all recorded Voice Tags.

Master Clear does **not** clear the:

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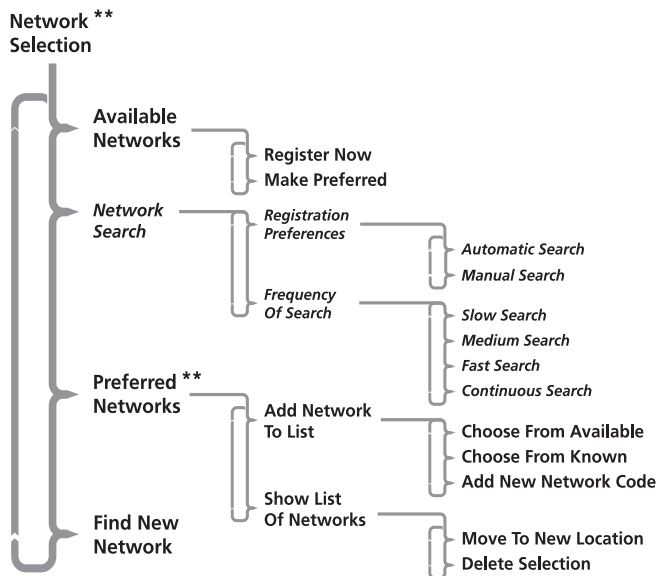
MENU

Network Selection Menu

Network ** Selection

- **Available Networks**
  - Register Now
  - Make Preferred
- *Network Search*
  - *Registration Preferences*
    - *Automatic Search*
    - *Manual Search*
  - *Frequency Of Search*
    - *Slow Search*
    - *Medium Search*
    - *Fast Search*
    - *Continuous Search*
- **Preferred ** Networks**
  - **Add Network To List**
    - Choose From Available
    - Choose From Known
    - Add New Network Code
  - **Show List Of Networks**
    - Move To New Location
    - Delete Selection
- **Find New Network**

Menu Navigation

[OK] →
← [C]

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

** Network Dependent Feature

Network Selection

To make and receive phone calls, your phone must register with an available network. The phone operates on the GSM 1900 type of network.

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

When your phone needs to register with a new network, it generates a list of networks 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 are not included in the sorted list.

Available Networks

This option 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 register with or store in your preferred list, press [OK]. You now enter the Register Now and Make Preferred sub-menu.

Register Now

When you select this option, your phone attempts to register with the selected network. If the registration fails, your phone attempts to register in the normal way.

Make Preferred

When you select this option, you are asked to indicate 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 the manual mode, the phone will present you with the sorted list of networks. Use the ⬍ and (OK) keys to select one network from the list. Your phone will try to register with the selected network. If this is successful, the phone will display the network name and then enter 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

This option is used to determine how long your phone waits before attempting to re-register after a registration attempt has failed.

The option has the following settings: Slow Search, Medium Search, Fast Search or Continuous Search.

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

MENU

ⓞⓚ *Preferred Networks**

Add Network to List

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

When selected, the Choose From Available option scans for networks 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 store in your preferred list, press the (OK) key. You are asked where the selected network is to be located in the preferred list.

When selected, the Choose From Known option presents a preset list of networks. Press the ⬍ key to scroll through the list. When you see a network you wish to store in your preferred list, press the (OK) key. You are 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 currently displayed entry and enter a move/delete sub-menu.

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

When selected, Delete Selection removes the selected network from the preferred list.

Find New Network

⚡ *Press* ⬆. *Select the Quick Access feature or, after the tone, say the Voice Tag name.*

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.

---

*   *Network dependent feature*

Call Meters Menu
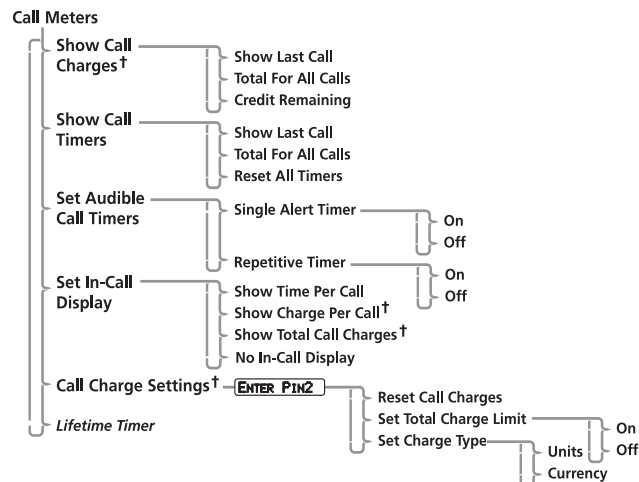
Call Meters

- **Show Call Charges†**
  - Show Last Call
  - Total For All Calls
  - Credit Remaining
- **Show Call Timers**
  - Show Last Call
  - Total For All Calls
  - Reset All Timers
- **Set Audible Call Timers**
  - Single Alert Timer
    - On
    - Off
  - Repetitive Timer
    - On
    - Off
- **Set In-Call Display**
  - Show Time Per Call
  - Show Charge Per Call†
  - Show Total Call Charges†
  - No In-Call Display
- **Call Charge Settings†** [ENTER PIN2]
  - Reset Call Charges
  - Set Total Charge Limit
  - Set Charge Type
    - On
    - Off
    - Units
    - Currency
- *Lifetime Timer*

Menu Navigation

[OK] →
← [C]

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.

Call Metering

Your phone has an internal metering system which can be used to 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, then only time meters are available.*

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

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

In addition, you can set a maximum charge limit so that your phone will monitor either the number of units used or the call cost, and then not allow the limit to be exceeded.

Show Call Charges

This feature allows you to display the cost of your calls or the amount of credit remaining. The figures are 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

ϟ *Press* (↑). *Select the Quick Access feature or, after the tone, say the Voice Tag name.*

Displays the cost of your last chargeable call.

Total For All Calls

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

Credit Remaining

ϟ *Press* (↑). *Select the Quick Access feature or, after the tone, say the Voice Tag name.*

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` will be displayed.

Show Call Timers

This feature allows you to display the duration of your calls 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.

Show Last Call

ϟ *Press* (↑). *Select the Quick Access feature or, after the tone, say the Voice Tag name.*

Displays the duration of your last call.

Total For All Calls

Displays the duration of all your calls since the time meter was reset to zero using the `Reset All Timers` option.

Reset All Timers

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

OK *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 displays the time meter during calls. If you receive the Advice of Charge service, only the chargeable calls are 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 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 customize 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.

☞*When the charge limit is On, you will not be able to make fax or data calls.*

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

Once the limit is reached the Total Charge Limit will need to be reset or switched off before any chargeable calls can be made.

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).
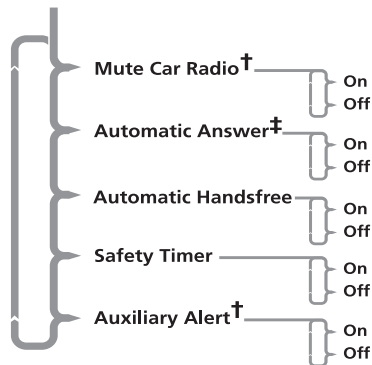
Lifetime Timer

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

This meter can not be reset; the Reset All Timers, Master Reset or Master Clear options have no effect.

MENU

Optional Accessory Setup Menu

Accessory Setup

- **Mute Car Radio**†
  - On
  - Off
- **Automatic Answer**‡
  - On
  - Off
- **Automatic Handsfree**
  - On
  - Off
- **Safety Timer**
  - On
  - Off
- **Auxiliary Alert**†
  - On
  - Off

Menu Navigation

— (OK) →

← (C) —

† Only this option will be displayed when the headset accessory is attached.

‡ Availability depends on the type of car kit installed.

You will only be able to access this menu when your phone is mounted in a car kit or when a headset accessory is attached.

Car kits can provide charging facilities and some provide connection to an external antenna for better reception.

Your phone can also be linked to external microphones and speakers for hands free operation, and provides several options to complement the use of car kits.

[OK] *Mute Car Radio*

This option can be used to mute your car radio* when you make, or receive, a call when your phone is attached to the car kit. It must be enabled by your local dealer.

This option has two settings: On or Off.

☞*This option will have no effect if your car radio does not have a mute feature, or if the car kit installation does not support this option.*

Automatic Answer

This option allows your phone to automatically answer an incoming call after two rings.

This option has two settings: On or Off.

☞*If this option is On, we recommend that the Ring or Vibrate option be set to Ring Only.*

---

* *The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.*

Automatic Handsfree

This option is used in conjunction with the `Automatic Answer` option and a car kit, to transfer call conversation to external microphones and speakers. It is available only with selected car kits. Contact your Motorola representative for further details.

This option has two settings: `On` or `Off`.

Safety Timer

This option can be used to keep the phone on for a set period after the vehicle ignition has been turned off. This prevents the vehicle's battery from becoming drained and saves you from having to re-enter PIN and Unlock codes after every short stop.

As standard, the Safety Timer is set to 60 minutes. Once selected, this option can be adjusted to any value between zero and 999 minutes. When set to zero, this option is effectively switched off.

WARNING: Turn off the "Safety Timer" feature when traveling on an airplane or in other environments where the use of cellular phones is prohibited.
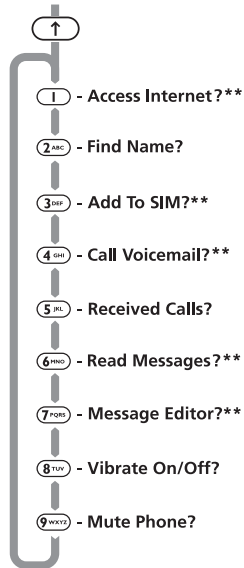
Auxiliary Alert

This option allows your phone to alert you of an incoming call by flashing your vehicle lights, or by sounding the horn. It must be enabled by your local dealer.

☞*Some local regulations prevent the use of this option and, accordingly, this option may not be present on your phone.*
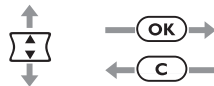
MENU

Using the Quick Access Menu

⊙ ↑

⊙ 1 - **Access Internet?****

⊙ 2 - **Find Name?**

⊙ 3 - **Add To SIM?****

⊙ 4 - **Call Voicemail?****

⊙ 5 - **Received Calls?**

⊙ 6 - **Read Messages?****

⊙ 7 - **Message Editor?****

⊙ 8 - **Vibrate On/Off?**

⊙ 9 - **Mute Phone?**

**Menu Navigation**

OK →

← C

** Network Dependent Feature

☞*The menu shown above 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, use any of the following methods:

- Press the Quick Access key (↑) and say the Voice Tag name after the tone. For best results, use in an area with minimal wind or background noise. See "Using Voice Control" on page 33.
- Press ↑ followed by the number of the feature.
- Press ↑. Use ⬍ to highlight the appropriate menu option and then press OK to select it.

You can change the features, and the positions of the features, available in the quick access menu. See "Customizing the Quick Access Menu" on page 93.

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

↑

▨*Access Internet?*

☞*This is a network and subscription dependent feature. Contact your service provider for details about the mobile internet services based on the WAP (Wireless Application Protocol) technology that they provide.*

Use this option to start your mobile internet session. See "Access Internet" on page 40 for more information.

▦ *Find 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.*

▯ᴾ *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.*

The number will be stored in the next available SIM card location. See "Add Entry" on page 55 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.

⅋ᴛ *Received Calls?*

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" on page 56 for more information.

▤⁺ *Read Messages?*

Your newest message will be displayed; you can then read, delete and edit messages as normal. See "Received 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" on page 67 for more information.

▩ *Vibrate / Ring?*

VibraCall® alert 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.

⅃ᴵᴿ *Activate IR?*

Activates the infra-red lens on the top of your phone. This allows you to communicate with any external device that also supports infra-red communications.

See "Activate IR Port" on page 75 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" on page 60 for more information.

▧ᴾ *Play Voice Notes?*

Plays the recorded voice notes*. See "Using the Voice Note Voice Recorder" on page 31 for more information.

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* *Recording of phone calls is subject to varying State and Federal laws regarding privacy and recording of phone conversations.*

ⓚ Forward On/Off?

Unconditional voice call forwarding will be switched either on or off depending on the current setting. This will allow Fax and Data forwarding to remain enabled independent of the Voice Call Forwarding setting.

☞*You must have defined a forwarding number using the* Forward All Voice Calls *option in the Call Forwarding menu in order to use this feature.*

☞*You cannot switch call forwarding on or off if you are outside network coverage.*

ⓘ Find Location?

You will be prompted to Enter Location. Enter the location number and press ⓞⓚ. The first matching entry in the Phone Book will be displayed. Press ⓞⓚ to call the number.

ⓘ Add 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. See "Add Entry" on page 55 for more information.

ⓘ 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.

ⓘ Adjust Ring?

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

ⓘ Switch Memory?

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

ⓘ Outgoing SMS?*

Your newest message will be displayed; you can then read, send, delete and edit messages as normal. See "Outgoing Messages" on page 69 for more information.

ⓘ Call Charge?

Displays the cost of your last chargeable call. See "Show Call Charges" on page 83 for more information.

ⓘ Call Timer?

Displays the duration of your last chargeable call. See "Show Call Timers" on page 84 for more information.

ⓘ 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.

ⓘ Show Time/Date?

Displays the current time and date.

ⓘ Backlight

Allows you to control the display backlight.

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*   *Network and subscription dependent feature. Not available in all areas.*

▣ *Show Credit?*

Allows you to quickly display the Credit Remaining.

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

▣ *Find New Network?*

Allows you to quickly search for a new network.

◗ *Adjust Contrast*

Allows you to adjust the screen contrast.

▣ *My Motorola?*

Use this option to start your mobile internet session and access the *MyMotorola.com* web site. See "Access Internet" on page 40 for more information.

Customizing the Quick Access Menu

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

To customize the menu, you can use either the Quick Access Setup menu (see "Using Voice Control" on page 33) or you can do the following:

1 Press ⬆ 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, then 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
- Outgoing Messages
- Message Editor
- Last Calls Received
- Last Call Charge
- Last Call Timer
- Restrict My ID
- Switch Line 1/2*
- Play Voice Notes
- Forward Voice Call
- Show Time and Date
- Backlight
- Credit Remaining
- Find New Network
- Adjust Contrast
- Activate IR Port
- Access Internet
- My Motorola

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

Optional Accessories

The following optional accessories have been designed to work with your phone. Additional accessories may be available and are packaged separately. Please refer to your local service provider or retail outlet for more information.

Desktop Charger (SPN4607)

The Desktop Charger allows you to charge a battery fitted in a phone and a spare battery at the same time. The charging status for each battery is indicated by LEDs at the front of the charger.

☞The Desktop Charger must be used with the Power Adapter.

Power Adapter (SPN4604)

The Power Adapter (charger) connects to the Desktop Charger or directly to the phone. When connected directly to the phone, it charges the battery and also provides dead battery operation.

The Power Adapter requires an appropriate Adapter Plug.

UK Adapter Plug (SYN7455)

The UK Adapter Plug connects the Power Adapter to a UK-style mains power outlet.

European Adapter Plug (SYN7456)

The European Adapter Plug connects the Power Adapter to a Continental European-style mains power outlet.

Aust/NZ Adapter Plug (SYN7457)

The Australia/New Zealand Adapter Plug connects the power adapter to an Australian/New Zealand mains power outlet.

Indian Adapter Plug (SYN7458)

The Indian Adapter Plug connects the power adapter to an Indian mains power outlet. This plug can also be used in Pakistan and Bangladesh.

Vehicle Power Adapter (SYN4241)*

The Vehicle Power Adapter connects to your phone and allows you to charge your phone's battery while driving. When the phone is in use, the adapter overrides the battery therefore preserving battery life. The adapter also provides dead battery operation.

RS-232 Serial Data Port (SKN6330A)

Allows you to send and receive data and fax calls using your phone and a computer with a simple RS232 connection.

The supplied software allows you to manage your phone book and send SMS messages direct from your PC.

Personal Handsfree System (S8464)*

The Personal Handsfree System allows you to use your phone handsfree.

Leather Holster (SYN7914)†

The Leather Holster holds the phone while being worn on your belt.

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* The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these devices.

† The holster has been designed for your convenience and is not meant to secure your phone under all circumstances.

Belt Clip (SHN7175)

The Belt Clip holds the phone while being worn on your belt.

☞*To use the belt clip, you must remove the rubber plug from the rear housing.*

Vehicle Handsfree System (S8543) *

The Standard Vehicle Handsfree System includes a phone holder and battery charger, and provides handsfree operation.

⚡ **A tri-band antenna should be specified when installing a Vehicle Handsfree System for use with tri-band phones.**

☞*These accessories require professional installation.*

GPRS Data Cable (SKN6330)

The GPRS Data Cable provides a higher speed networking connection between your phone and your personal computer.

GPRS CD-ROM (SVN4445)

The GPRS CD-ROM will help you set up your GPRS dial-up networking connection between your phone and your personal computer. (For more information on setting up and using a GPRS networking connection, see "GPRS for Motorola TIMEPORT P7382i phone" on page 38.)

Cable for Palm III (SKN2105)

Cable for Palm V (SKN2106)

Cable for Win CE/Null Modem (SKN2104)

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* *The use of wireless devices and their accessories ("devices") may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these devices.*

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 16.
You can't make calls	**Check the signal strength meter in the display.** If the signal is weak, move to an open space or, if you are in a building, move closer to a window.
	Check if your phone is powered on.
	Check the Network Selection settings. Try Manual Selection, or try another network. See "Network Search" on page 81.
	Check your Operator coverage map.
	Is `Restricted` displayed? Check the Call Barring and Fixed Dialing 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 85.
	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 or, if you are in a building, move closer to a window.
	Check the Call Forwarding and Call Barring settings.
	Check the Ringer and VibraCall settings. If both are off, there is no audible alert. See "Ring or Vibrate."
Your phone won't unlock	**Did you insert a new SIM card?** Enter the new PIN code. See "Entering Your SIM Card PIN Code" on page 21.
	Do you have a replacement phone? Enter the default phone unlock code: 1234.
	Did you forget the unlock code? Press (MENU) 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 76.)
Your PIN2 is blocked	Enter the PIN2 unblocking code supplied with your SIM card. (See "Change SIM PIN2 Code" on page 76.)

What to Do If... **97**

Your SIM card won't work	*Is the card inserted the right way? 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 they are dirty, clean them with an antistatic cloth.
The battery won't charge	*Check the charger*. Is it properly connected? Are its contacts clean and dry? See "Your Battery" on page 16.
	Check the battery contacts. Are they clean and dry?
	Check the battery temperature. If it is warm, let it cool before recharging.
	Is it an old battery? Battery performance will decline after several years use. Replace the battery.
	Are you using a Motorola original battery? Your charging system may not be able to communicate with your battery. See "Your Battery" on page 16.
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 16.
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 16.
	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 81.*
	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 Forwarding 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.
I 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 dialing prefix (+) and then enter the appropriate country code followed by the phone number.

Warranty

Limited Warranty for Motorola Personal Communications Products Purchased in the United States and Canada

I. What This Warranty Covers

- Products. Defects in materials and workmanship in wireless cellular telephones, pagers, and/or two-way radios, and certain accessories that are sold with them, such as the battery, battery charger and holster manufactured and/or sold by Motorola (Products).

- Batteries. Defects in materials and workmanship in batteries that are manufactured by Motorola and/or sold with Products are covered by this warranty only if the fully-charged capacity falls below 80% of rated capacity or they leak.

- Software. Physical defects in the media that tangibly embodies each copy of any software supplied with the Products.

II. What the Period of Coverage Is

From the date the Products are purchased by the first end-user:

- Products. The warranty is for one year. Exception: The warranty for Spirit GT series and Talkabout series two-way radio accessories is for 90 days.

- Software. The warranty is for 90 days.

- Repairs/Replacements. The warranty is for the balance of the original warranty or for 90 days from the date you receive it, whichever is longer.

III. Who is Covered

This warranty extends to the first end-user purchaser, only.

IV. What We Will Do to Correct Warranty Problems

At no charge to you, we have the option to repair or replace the Products or software that do not conform to the warranty, or to refund the Products' purchase price. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products or parts. No software updates are provided.

V. How to Get Warranty Service

Please call:

USA		Canada	
Cellular	1-800-331-6456	All Products	1-800-461-4575
Paging	1-800-548-9954	TTY	1-888-390-6456
Two-Way	1-800-353-2729		(Text Telephone)
TTY	1-888-390-6456 (Text Telephone)		

You will receive instructions on how to ship the Products to Motorola. You must ship the Products to us with freight, duties and insurance prepaid. Along with the Products you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider (if this Product requires subscription service); (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number. If requested, you must also return all detachable parts such as antennas, batteries and chargers. RETAIN YOUR ORIGINAL PROOF OF PURCHASE.

We will ship repaired or replacement Products at our expense for the freight and insurance, but at your expense for any duties. If additional information is needed, please contact us at the telephone number listed above.

VI. What This Warranty Does Not Cover

- Products that are operated in combination with ancillary or peripheral equipment or software not furnished by Motorola for use with the Products ("ancillary equipment"), or any damage to the Products or ancillary equipment as a result of such use. Among other things, "ancillary equipment" includes batteries, chargers, adaptors, and power supplies not manufactured or supplied by Motorola. Any of these voids the warranty.

- Someone other than Motorola (or its authorized service centers) tests, adjusts, installs, maintains, alters, modifies or services the Products in any way. Any of these voids the warranty.

- Rechargeable batteries that: (a) are charged by other than the Motorola-approved battery charger specified for charging such batteries; (b) have any broken seals or show evidence of tampering; (c) are used in equipment other than the Product for which they are specified; or (d) are charged and stored at temperatures greater than 60 degrees centigrade. Any of these voids the warranty.

- Products that have: (a) serial numbers or date tags that have been removed, altered or obliterated; (b) board serial numbers that do not match each other, or board serial numbers that do not match the housing; or (c) nonconforming or non-Motorola housings or parts. Any of these voids the warranty.

- Defects or damage that result from: (a) use of the Products in a manner that is not normal or customary; (b) improper operation or misuse; (c) accident or neglect such as dropping the Products onto hard surfaces; (d) contact with water, rain, extreme humidity or heavy perspiration; (e) contact with sand, dirt or the like; or (f) contact with extreme heat, or spills of food or liquid.

- Physical damage to the surface of the Products, including scratches, cracks or other damage to a display screen, lens or other externally exposed parts.

- Failure of Products that is due primarily to any communication service or signal you may subscribe to or use with the Products.

- Coil cords that are stretched or that have any broken modular tabs.

- Products that are leased.

Flat-rate repair rates may apply to Products not covered by this warranty. To obtain information about Products needing repairs that are not covered by this warranty, please call the telephone number previously listed. We will provide information on repair availability, rates, methods of payment, where to send the Products, etc.

VII. Some Other Limitations

This is Motorola's complete warranty for the Products, and states your exclusive remedies. This warranty is given in lieu of all other express warranties. Implied warranties, including without limitation, the implied warranties of merchantability and fitness for a particular purpose, are given only if specifically required by applicable law. Otherwise, they are specifically excluded.

No warranty is made as to coverage, availability, or grade of service provided by the Products, whether through a service provider or otherwise.

No warranty is made that the software will meet your requirements or will work in combination with any hardware or applications software products provided by

third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

In no event shall Motorola be liable, whether in contract or tort (including negligence) for damages in excess of the purchase price of the Product, or for any indirect, incidental, special or consequential damages of any kind, or loss of revenue or profits, loss of business, loss of information or data, or other financial loss arising out of or in connection with the ability or inability to use the Products, to the full extent these damages may be disclaimed by law.

VIII. Patent and Software Provisions

At Motorola's expense, we will defend you, and pay costs and damages that may be finally awarded against you, to the extent that a lawsuit is based on a claim that the Products directly infringe a United States patent. Our obligation is conditioned on: (a) you notifying us promptly in writing when you receive notice of the claim; (b) you giving us sole control of the defense of the suit and all negotiations for its settlement or compromise; and (c) should the Products become, or in Motorola's opinion be likely to become, the subject of a claim of infringement of a United States patent, you permit us, at our option and expense, either to: procure for you the right to continue using the Products; replace or modify them so that they become non-infringing; or grant you a credit for such Products, as depreciated, and accept their return. The depreciation will be an equal amount per year over the lifetime of the Products, as established by Motorola.

Motorola will have no liability to you with respect to any claim of patent infringement that is based upon the combination of the Products or parts furnished under this limited warranty with

ancillary equipment, as defined in VI., above.

This is Motorola's entire liability with respect to infringement of patents by the Products.

Laws in the United States and other countries preserve for Motorola and other third party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to reproduce in copies and distribute copies of such software. The software may be copied into, used in and redistributed with only those Products that are associated with such software. No other use, including without limitation, disassembly or reverse engineering of such software or exercise of exclusive rights in such software is permitted.

IX. State Law and Other Jurisdiction Rights

Some states and other jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights, which vary from jurisdiction to jurisdiction.

To obtain information on Motorola Personal Communications Products, including warranty service, accessories and optional Extended Warranties on selected Products, please call:

USA		Canada	
Cellular	**1-800-331-6456**	**All Products**	**1-800-461-4575**
Paging	**1-800-548-9954**	**TTY**	**1-888-390-6456**
Two-Way	**1-800-353-2729**		**Text Telephone**
TTY	**1-888-390-6456 (Text Telephone**		

To correspond with Motorola about the Products, please write us at http://www.motorola.com or at:

In the USA:	In Canada:
Motorola, Inc.	Motorola Canada Limited
600 North U.S. Highway 45	5875 Whittle Road
Libertyville, IL 60048	Mississauga, ON L4Z 2H4

U.S. Food and Drug Administration (FDA)

The U.S. Food and Drug Administration's Center for Devices and Radiological Health Consumer Update on Mobile Phones

FDA has been receiving inquiries about the safety of mobile phones, including cellular phones and PCS phones. The following summarizes what is known--and what remains unknown--about whether these products can pose a hazard to health, and what can be done to minimize any potential risk. This information may be used to respond to questions.

Why the concern?

Mobile phones emit low levels of radiofrequency energy (i.e., radiofrequency radiation) in the microwave range while being used. They also emit very low levels of radiofrequency energy (RF), considered non-significant, when in the stand-by mode. It is well known that high levels of RF can produce biological damage through heating effects (this is how your microwave oven is able to cook food). However, it is not known whether, to what extent, or through what mechanism, lower levels of RF might cause adverse health effects as well. Although some research has been done to address these questions, no clear picture of the biological effects of this type of radiation has emerged to date. Thus, the available science does not allow us to conclude that mobile phones are absolutely safe, or that they are unsafe. However, the available scientific evidence does not demonstrate any adverse health effects associated with the use of mobile phones.

What kinds of phones are in question?

Questions have been raised about hand-held mobile phones, the kind that have a built-in antenna that is positioned close to the user's head during normal telephone conversation. These types of mobile phones are of concern because of the short distance between the phone's antenna--the primary source of the RF--and the person's head. The exposure to RF from mobile phones in which the antenna is located at greater distances from the user (on the outside of a car, for example) is drastically lower than that from hand-held phones, because a person's RF exposure decreases rapidly with distance from the source. The safety of so-called "cordless phones," which have a base unit connected to the telephone wiring in a house and which operate at far lower power levels and frequencies, has not been questioned.

How much evidence is there that hand-held mobile phones might be harmful?

Briefly, there is not enough evidence to know for sure, either way; however, research efforts are on-going. The existing scientific evidence is conflicting and many of the studies that have been done to date have suffered from flaws in their research methods. Animal experiments investigating the effects of RF exposures characteristic of mobile phones have yielded conflicting results. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. In one study, mice genetically altered to be predisposed to developing one type of cancer developed more than twice as many such cancers when they were exposed to RF energy compared to controls. There is much uncertainty among scientists about whether results obtained from animal studies apply to the use of mobile phones. First, it is uncertain how to apply the results obtained in rats and mice to humans. Second, many of the studies that showed increased tumor development used animals that had already been treated with cancer-causing chemicals, and other studies exposed the animals to the RF virtually continuously--up to 22 hours per day.

For the past five years in the United States, the mobile phone industry has supported research into the safety of mobile phones. This research has resulted in two findings in particular that merit additional study:

1 In a hospital-based, case-control study, researchers looked for an association between mobile phone use and either glioma (a type of brain cancer) or acoustic neuroma (a benign tumor of the nerve sheath). No statistically significant association was found between mobile phone use and acoustic neuroma. There was also no association between mobile phone use and gliomas when all types of gliomas were considered together. It

should be noted that the average length of mobile phone exposure in this study was less than three years.

When 20 types of glioma were considered separately, however, an association was found between mobile phone use and one rare type of glioma, neuroepithelliomatous tumors. It is possible with multiple comparisons of the same sample that this association occurred by chance. Moreover, the risk did not increase with how often the mobile phone was used, or the length of the calls. In fact, the risk actually *decreased* with cumulative hours of mobile phone use. Most cancer causing agents increase risk with increased exposure. An ongoing study of brain cancers by the National Cancer Institute is expected to bear on the accuracy and repeatability of these results.[1]

2 Researchers conducted a large battery of laboratory tests to assess the effects of exposure to mobile phone RF on genetic material. These included tests for several kinds of abnormalities, including mutations, chromosomal aberrations, DNA strand breaks, and structural changes in the genetic material of blood cells called lymphocytes. None of the tests showed any effect of the RF except for the micronucleus assay, which detects structural effects on the genetic material. The cells in this assay showed changes after exposure to simulated cell phone radiation, but only after 24 hours of exposure. It is possible that exposing the test cells to radiation for this long resulted in heating. Since this assay is known to be sensitive to heating, heat alone could have caused the abnormalities to occur. The data already in the literature on the response of the micronucleus assay to RF are conflicting. Thus, follow-up research is necessary.[2]

FDA is currently working with government, industry, and academic groups to ensure the proper follow-up to these industry-funded research findings. Collaboration with the Cellular Telecommunications Industry Association (CTIA) in particular is expected to lead to FDA providing research recommendations and scientific oversight of new CTIA-funded research based on such recommendations.

Two other studies of interest have been reported recently in the literature:

1   Two groups of 18 people were exposed to simulated mobile phone signals under laboratory conditions while they performed cognitive function tests. There were no changes in the subjects' ability to recall words, numbers, or pictures, or in their spatial memory, but they were able to make choices more quickly in one visual test when they were exposed to simulated mobile phone signals. This was the only change noted among more than 20 variables compared.[3]

2   In a study of 209 brain tumor cases and 425 matched controls, there was no increased risk of brain tumors associated with mobile phone use. When tumors did exist in certain locations, however, they were more likely to be on the side of the head where the mobile phone was used. Because this occurred in only a small number of cases, the increased likelihood was too small to be statistically significant.[4]

In summary, we do not have enough information at this point to assure the public that there are, or are not, any low incident health problems associated with use of mobile phones. FDA continues to work with all parties, including other federal agencies and industry, to assure that research is undertaken to provide the necessary answers to the outstanding questions about the safety of mobile phones.

What is known about cases of human cancer that have been reported in users of hand-held mobile phones?

Some people who have used mobile phones have been diagnosed with brain cancer. But it is important to understand that this type of cancer also occurs among people who have not used mobile phones. In fact, brain cancer occurs in the U.S. population at a rate of about 6 new cases per 100,000 people each year. At that rate, assuming 80 million users of mobile phones (a number increasing at a rate of about 1 million per month), about 4800 cases of brain cancer would be expected each year among those 80 million people, whether or not they used their phones. Thus it is not possible to tell whether any individual's cancer arose because of the phone, or whether it would have happened anyway. A key question is whether the risk of getting a particular form of cancer is greater among people who use mobile phones than among the rest of the population. One way to answer that question is to compare the usage of mobile phones among people with brain cancer with the use of mobile phones among appropriately matched people without brain cancer. This is called a case-control study. The current case-control study of brain cancers by the National Cancer Institute, as well as the follow-up research to be sponsored by industry, will begin to generate this type of information.

What is FDA's role concerning the safety of mobile phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as mobile phones before marketing, as it does with new drugs or medical devices. However, the agency has authority to take action if mobile phones are shown to emit radiation at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of mobile phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions at this time, FDA has urged the mobile phone industry to take a number of steps to assure public safety. The agency has recommended that the industry:

- support needed research into possible biological effects of RF of the type emitted by mobile phones;
- design mobile phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- cooperate in providing mobile phone users with the best possible information on what is known about possible effects of mobile phone use on human health.

At the same time, FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of mobile phone safety to ensure a coordinated effort at the federal level. These agencies are:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Health and Safety Administration
- National Telecommunications and Information Administration

The National Institutes of Health also participates in this group.

In the absence of conclusive information about any possible risk, what can concerned individuals do?

If there is a risk from these products--and at this point we do not know that there is--it is probably very small. But if people are concerned about avoiding even potential risks, there are simple steps they can take to do so. For example, time is a key factor in how much exposure a person receives. Those persons who spend long periods of time on their hand-held mobile phones could consider holding lengthy conversations on conventional phones and reserving the hand-held models for shorter conversations or for situations when other types of phones are not available.

People who must conduct extended conversations in their cars every day could switch to a type of mobile phone that places more distance between their bodies and the source of the RF, since the exposure level drops off dramatically with distance. For example, they could switch to:

- a mobile phone in which the antenna is located outside the vehicle,
- a hand-held phone with a built-in antenna connected to a different antenna mounted on the outside of the car or built into a separate package, or
- a headset with a remote antenna to a mobile phone carried at the waist.

Again, the scientific data do not demonstrate that mobile phones are harmful. But if people are concerned about the radiofrequency energy from these products, taking the simple precautions outlined above can reduce any possible risk.

Where can I find additional information?

For additional information, see the following websites:

Federal Communications Commission (FCC) RF Safety Program (select "Information on Human Exposure to RF Fields from Cellular and PCS Radio Transmitters"): http://www.fcc.gov/oet/rfsafety

World Health Organization (WHO) International Commission on Non-Ionizing Radiation Protection (select Qs & As): http://www.who.int/emf

United Kingdom, National Radiological Protection Board: http://www.nrpb.org.uk

Cellular Telecommunications Industry Association (CTIA): http://www.wow-com.com

U.S. Food and Drug Administration (FDA) Center for Devices and Radiological Health: http://www.fda.gov/cdrh/consumer/

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1 Muscat et al. *Epidemiological Study of Cellular Telephone Use and Malignant Brain Tumors. In: State of the Science Symposium;1999 June 20; Long Beach, California.*

2 Tice et al. *Tests of mobile phone signals for activity in genotoxicity and other laboratory assays. In: Annual Meeting of the Environmental Mutagen Society; March 29, 1999, Washington, D.C.; and personal communication, unpublished results.*

3 Preece, AW, Iwi, G, Davies-Smith, A, Wesnes, K, Butler, S, Lim, E, and Varey, A. *Effect of a 915-MHz simulated mobile phone signal on cognitive function in man. Int. J. Radiat. Biol., April 8, 1999.*

4 Hardell, L, Nasman, A, Pahlson, A, Hallquist, A and Mild, KH. *Use of cellular telephones and the risk for brain tumors: a case-control study. Int. J. Oncol., 15: 113-116, 1999.*

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Wireless Phone Safety Tips
"Safety is your most important call!"

Your Motorola wireless telephone gives you the powerful ability to communicate by voice - almost anywhere, anytime, wherever wireless phone service is available and safe conditions allow. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. If you find it necessary to use your wireless phone while behind the wheel of a car, practice good common sense and remember the following tips:

1. **Get to know your Motorola wireless phone and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.

2. **When available, use a hands-free device.** If possible, add an additional layer of convenience to your wireless phone with one of the many Motorola Original hands-free accessories available today.

3. **Position your wireless phone within easy reach.** Be able to access your wireless phone without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.

4. **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.

5. **Do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility-driving safely.

6. **Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic.** Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
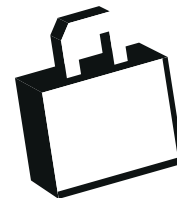
7. **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations which have the potential to divert your attention away from the road.

8. **Use your wireless phone to call for help.** Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies. [1]

9. **Use your wireless phone to help others in emergencies.** If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you. [1]

10. **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number. [1]

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1. Wherever wireless phone service is available.

Check the laws and regulations on the use of wireless telephones and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas.

For more information, please call 1-888-901-SAFE or visit the CTIA website at www.wow-com.com ™ .

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