Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola **TIMEPORT**™ 280 wireless phone.

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Menu Map

Main Menu

- **Recent Calls**
  - Received Calls
  - Dialled Calls
  - Notepad
  - Call Times
  - Call Cost
- **Service Dial**
- **Fixed Dial**
- **Phonebook**
- **Datebook**
- **Quick Dial**
- **Radio**
- **Messages**
  - Voicemail
  - Text Msgs
  - Browser Alerts
  - Info Services
  - Quick Notes
  - Outbox
  - Drafts
- **Shortcuts**
- **Voice Notes**
- **SIM Applications**
- **Browser**
- **Calculator**
- **Games**
- **Settings**
  (see next page)

Note: *This is the standard phone menu layout. You or your service provider may have changed the menu layout or changed some feature names. Not all features may be available for all users.*

For example, the ***Radio*** *feature on the main menu (left) is displayed only when the optional FM Stereo Radio Headset accessory is plugged into the accessory connector port on your phone (see phone illustration, page 1).*

Shortcuts
Change display zoom: Press M, then press and hold M
Lock/unlock keypad: Press M *
Display my phone number: Press M #
Go to dialled calls list: Press
Exit menu system: Press

Settings Menu

- **Ring/Vibrate**
  - Alert
  - *Alert* Detail
  - My Tones
- **Call Divert**
  - Voice Calls
  - Fax Calls
  - Data Calls
  - Cancel All
  - Divert Status
- **Phone Status**
  - My Tel. Numbers
  - Credit Info\Available
  - Active Line
  - Battery Meter
  - Other information
- **Connection**
  - IrDA Link
- **Browser Setup**
- **In-Call Setup**
  - In-Call Timer
  - Call Cost Setup
  - My Caller ID
  - Talk and Fax
  - Answer Options
  - Call Waiting
- **Security**
  - Phone Lock
  - Lock Keypad
  - Lock Application
  - Fixed Dial
  - Call Barring
  - SIM PIN
  - New passwords
- **Other Settings**
  - Personalise
    - Main Menu
    - Keys
    - Greeting
    - Quick Dial
  - Initial Setup
    - Time and Date
    - 1-Touch Dial
    - Auto Redial
    - Backlight
    - Zoom
    - Scroll
    - Animation
    - Language
    - Battery Save
    - Contrast Setting
    - DTMF
    - Master Reset
    - Master Clear
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  - Car Settings
  - Headset

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About This Guide

Using Your Phone's Features

This user guide introduces you to the many features in your Motorola TIMEPORT phone.

Navigating To a Menu Feature

You can access many of your phone's features through the menu system. This guide shows you how to navigate to a specific menu feature as follows:

Find the Feature	M	> Recent Calls > Dialled Calls

The > symbol means that you should scroll to and select the feature. This example shows that you must press M, scroll to and select Recent Calls, then scroll to and select Dialled Calls to view the dialled calls list.

Optional Features

Features marked with this label are optional network, SIM card, and/or subscription-dependent features. These features may not be offered by all service providers in all geographical areas. Contact your service provider for information about availability.

Optional Accessories

Features marked with this label require the use of an optional Motorola Original™ accessory.

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION.

READ THIS INFORMATION BEFORE USING YOUR PERSONAL COMMUNICATOR.

The information provided in this document supersedes the general safety information contained in user guides published prior to this date. For information regarding radio use in a hazardous atmosphere please refer to the Factory Mutual (FM) Approval Manual Supplement or Instruction Card, which is included with radio models that offer this capability.

RF Operational Characteristics

Your Personal Communicator contains a transmitter and a receiver. When it is ON, it receives and transmits radio frequency (RF) energy. The Personal Communicator operates in the frequency range of 900 MHz to 1990 MHz and employs digital modulation techniques.

When you communicate with your Personal Communicator, the system handling your call controls the power level at which your personal communicator transmits. The output power level typically may vary over a range from 0.063 watts to 1.58 watts.

Exposure To Radio Frequency Energy

Your Motorola Personal Communicator 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
- National Radiological Protection Board of the United Kingdom 1995
- Ministry of Health (Canada) Safety Code 6. Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999
- Australian Communications Authority Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 1999 (applicable to wireless phones only)

To assure optimal 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:

Safety and General Information

Portable Personal Communicator Operation and EME Exposure

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the Personal Communicator and may violate FCC and/or other applicable regulations.

DO NOT hold the antenna when the Personal Communicator is "IN USE". Holding the antenna affects call quality and may cause the Personal Communicator to operate at a higher power level than needed.

Phone Operation

The Personal Communicator is designed to be used with a headset for talking and listening. The Personal Communicator can also be placed inside the holster, then the holster can be clipped onto your belt, pocket, purse, or other apparel and used with the headset.

Body-worn Operation

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

Safety and General Information

Approved Accessories

For a list of approved Motorola accessories, look in the accessory section of this manual.

Electromagnetic Interference/ Compatibility

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 Personal Communicator 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 Personal Communicator when on board an aircraft. Any use of a Personal Communicator must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

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

Persons with pacemakers should:

- ALWAYS keep the Personal Communicator more than six inches (15 centimeters) from their pacemaker when the Personal Communicator is turned ON.
- not carry the Personal Communicator in the breast pocket.
- use the ear opposite the pacemaker to minimize the potential for interference.
- turn the Personal Communicator 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 in Vehicles

Check the laws and regulations on the use of phones in your vehicle. You are advised to always obey them.

When using your Personal Communicator in a vehicle, please:

- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call.

Operational Warnings

For Vehicles with an Air Bag

Do not place the Personal Communicator in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If the Personal Communicator is placed in the air bag deployment area and the air bag inflates, the Personal Communicator may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your Personal Communicator prior to entering any area with a potentially explosive atmosphere, unless it is especially qualified for use in such areas as "Intrinsically Safe" (for example, Factory Mutual, CSA, or UL Approved). Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

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 Personal Communicator 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.

Safety and General Information

Operational Cautions

Antennas

Do not use the Personal Communicator if it has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.

Batteries

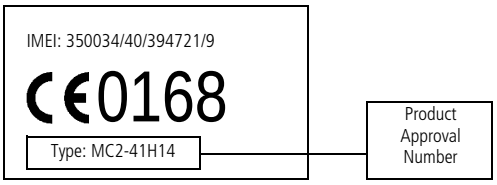
All batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery,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

Safety and General Information

European Union Directives Conformance Statement

Hereby, Motorola declares that this product is in compliance with

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- All other relevant EU Directives



The above gives an example of a typical Product Approval Number.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (the R&TTE Directive) at www.motorola.com/rtte - to find your DoC, enter the Product Approval Number from your product's label in the "Search" bar on the Web site.

Total Customer Satisfaction

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

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

Algeria	21321-901393
Austria	0800 297246
Bahrain	311689
Belgium	0800 72 370
Canada	1 800 461 4575
Czech Republic	00420 2 21 85 21 01
Denmark	4348 8005
Egypt	+202 3407 117 / +202 305 0080
Eire	01 402 6887
Finland	0800 117 036
France	0 803 303 302
Germany	180 35050
Greece	00800 441 28150
Hungary	0036 40 200 800
Italy	02 696 333 16
Jordan	06-5828100 ext 4162 / 06-5699338
Kuwait	484 6140 ext 126
Lebanon	01 744000
Luxembourg	0800 21 99
Morocco	022 98 16 66
Netherlands	0800 022 27 43

Total Customer Satisfaction

North Cyprus	225 29 53
Norway	22 55 10 04
Oman	701989
Pakistan	111 000 1999
Palestine	1800 059 800 / 02 2968011
Poland	0801 620 620
Portugal	01 318 0051
Qatar	+974-4418999 ext 25
Saudi Arabia	+966-1-2341845 ext 102
South Africa	0800 11 48 49
Spain	902 100 077
Sweden	08 445 1210
Switzerland	0800 553 109
Syria	11 2315974
Tunisia	01 962 502 / 01 710 333
Turkey	0212 425 9090 / 0212 520 6262
UK	0500 55 55 55
United Arab Emirates	+971-4-3321166 / +971-4-3938877
Hong Kong	852 25063888
People's Republic of China	86 10 68466060
Singapore	65 4855 333
Taiwan	886 2 87731746
United States of America	1 800 331 6456
Yemen	01 279771
For e-mail queries contact:	mcrc@ei.css.mot.com
For Internet queries contact:	http://www.motorola.com

Warranty Information

Motorola guarantees you, the original purchaser, the Personal Communicator and accessories which you have purchased from an authorised Motorola dealer (the "Products"), to be in conformance with the applicable Motorola specifications current at the time of manufacture for a term of [1] year from date of purchase of the Product(s) (Warranty Term).

You must inform Motorola of the lack of conformity to the applicable specifications of any of the Products within a period of two (2) months from the date on which you detect a defect in material, workmanship or lack of conformity and in any event within a term not to exceed the Warranty Term, by submitting the Product for service to Motorola. Motorola shall not be bound by Product related statements not directly made by Motorola.

A list of the Motorola Call Centre numbers is enclosed with this Product.

During the Warranty term, Motorola will, at its discretion and without extra charge, as your exclusive remedy, repair or replace your Product which does not comply with this warranty; or failing this, to reimburse the price of the Product but reduced to take into account the use you have had of the Product since it was delivered. This warranty will expire at the end of the Warranty Term.

This is the complete and exclusive warranty for a Motorola Personal Communicator and accessories and in lieu of all other warranties, terms and conditions, whether express or implied.

Where you purchase the product other than as a consumer, Motorola disclaims all other warranties, terms and conditions express or implied, such as fitness for purpose and satisfactory quality.

Warranty Information

In no event shall Motorola be liable for damages nor loss of data in excess of the purchase price nor for any incidental special or consequential damages* arising out of the use or inability to use the Product, to the full extent such may be disclaimed by law.

This Warranty does not affect any statutory rights that you may have if you are a consumer, such as a warranty of satisfactory quality and fit for the purpose for which products of the same type are normally used under normal use and service, nor any rights against the seller of the Products arising from your purchase and sales contract.

(*)including without limitation loss of use, loss of time, loss of data, inconvenience, commercial loss, lost profits or savings.

How to get Warranty Service

In most cases the authorized Motorola dealer which sold and/or installed your Motorola Personal Communicator and original accessories will honor a warranty claim and/or provide warranty service. Alternatively, for further information on how to get warranty service please contact either the customer service department of your service provider or Motorola's call centre at the telephone numbers below for your country.

In order to claim the warranty service you must return the Personal Communicator and/or accessories in question to Motorola. Please avoid leaving any supplementary items like SIM cards. The Product should also be accompanied by a label with your name, address, and telephone number; name of operator and a description of the problem. In the case of vehicular installation, the vehicle in which the Personal Communicator is installed should be driven to the Authorized Repair Centre, as analysis of any problem may require inspection of the entire vehicular installation.

In order to be eligible to receive warranty service, you must present your receipt of purchase or a comparable substitute

proof of purchase bearing the date of purchase. The phone should also clearly display the original compatible electronic serial number (IMEI) and mechanic serial number [MSN]. Such information is contained with the Product.

Conditions

This warranty will not apply if the type or serial numbers on the Product has been altered, deleted, duplicated, removed, or made illegible. Motorola reserves the right to refuse free-of-charge warranty service if the requested documentation cannot be presented or if the information is incomplete, illegible or incompatible with the factory records.

Repair, at Motorola's option, may include reflashing of software, the replacement of parts or boards with functionally equivalent, reconditioned or new parts or boards. Replaced parts, accessories, batteries, or boards are warranted for the balance of the original warranty time period. The Warranty Term will not be extended. All original accessories, batteries, parts, and Personal Communicator equipment that have been replaced shall become the property of Motorola. Motorola does not warrant the installation, maintenance or service of the products, accessories, batteries or parts.

Motorola will not be responsible in any way for problems or damage caused by any ancillary equipment not furnished by Motorola which is attached to or used in connection with the Products, or for operation of Motorola equipment with any ancillary equipment and all such equipment is expressly excluded from this warranty.

When the Product is used in conjunction with ancillary or peripheral equipment not supplied by Motorola, Motorola does not warrant the operation of the Product/peripheral combination and Motorola will not honor any warranty claim where the Product is used in such a combination and it is determined by

Motorola that there is no fault with the Product. Motorola specifically disclaims any responsibility for any damage, whether or not to Motorola equipment, caused in any way by the use of the Personal Communicator, accessories, software applications and peripherals (specific examples include, but are not limited to: batteries, chargers, adapters, and power supplies) when such accessories, software applications and peripherals are not manufactured and supplied by Motorola.

What Is Not Covered By The Warranty

This warranty is not valid if the defects are due to damage, misuse, tampering, neglect or lack of care and in case of alterations or repair carried out by unauthorized persons.

1. Defects or damage resulting from use of the Product in other than its normal and customary manner.
2. Defects or damage from misuse, access to incompatible sources, accident or neglect.
3. Defects or damage from improper testing, operation, maintenance, installation, adjustment, unauthorized software applications or any alteration or modification of any kind.
4. Breakage or damage to antennas unless caused directly by defects in material or workmanship.
5. Products disassembled or repaired in such a manner as to adversely affect performance or prevent adequate inspection and testing to verify any warranty claim.
6. Defects or damage due to range, coverage, availability, grade of service, or operation of the cellular system by the cellular operator.
7. Defects or damage due to moist, liquid or spills of food.

8. Control unit coil cords in the Product that are stretched or have the modular tab broken.
9. All plastic surfaces and all other externally exposed parts that are scratched or damaged due to customer normal use.
10. Leather cases (which are covered under separate manufacturer's warranties).
11. Products rented on a temporary basis.
12. Periodic maintenance and repair or replacement of parts due to normal wear and tear.

Note: *The talk-time, standby time and total life cycle of a Motorola rechargeable battery for your Personal Communicator will depend on usage conditions and network configurations. As a consumable product, the specifications indicate that you should be able to obtain optimum performance for your Motorola Personal Communicator within the first six months from date of purchase and up to (200) charges.*

The warranty for Motorola rechargeable batteries becomes void if (i) the batteries are charged other than by Motorola approved battery chargers specified for the charging of the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, (iii) the battery is used in equipment or service other than the cellular telephone equipment for which it is specified.

Getting Started

What's in the Box?

Your digital wireless phone typically comes equipped with a battery and a charger. Other accessory options can customise your phone for maximum performance and portability.

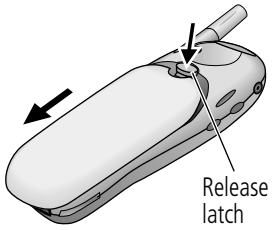
Installing the SIM Card

Your SIM (Subscriber Identity Module) card contains your phone number, service details, and phonebook/message memory. It is stored in a recess in the battery compartment.

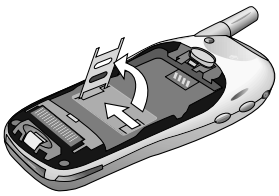
Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.

Do This

1 If the phone's battery door is already in place, push down the battery door release latch, then slide the door down and lift off.

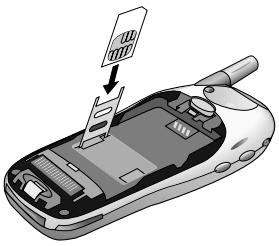


2 Slide the SIM card door to the left and lift open.

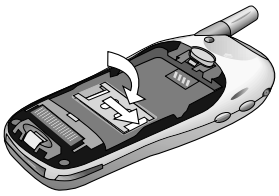


Do This

3 Insert the SIM card into the SIM card door with the notch in the upper right corner and the gold plate facing down.



4 Close the SIM card door and slide it to the right to lock the SIM card in place.



5 Install the battery as described in the following section.

Installing the Battery

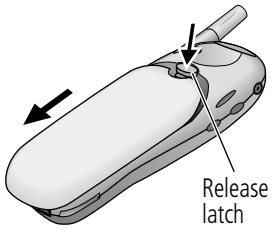
Before you can use your phone, you need to install and charge the battery.

Your phone is designed to be used only with Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.

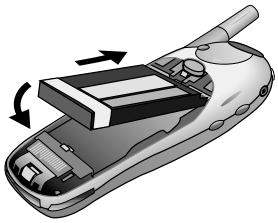
Do This

1 Remove the battery from its protective clear plastic case.

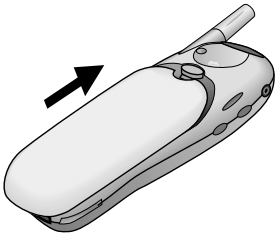
2 If the phone's battery door is already in place, push down the battery door release latch, then slide the door down and lift off.



3 Insert the battery, printed arrow first, into the battery compartment and push down.



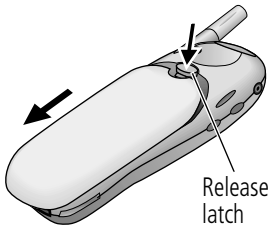
4 Replace the battery door, then slide the door up until it clicks into place.



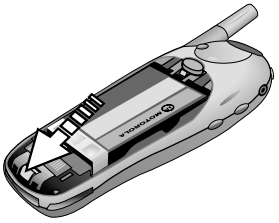
Removing the Battery

Do This

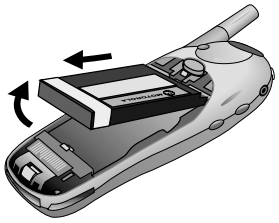
1 Push down the battery door release latch, then slide the door down and lift off.



2 Pull down the battery release latch.



3 Pull up on the battery and remove it from the phone.



Charging the Battery

Before you can use your phone, you need to install and charge the battery.

Do This

1 Plug the travel charger into your phone with the release tab facing up.

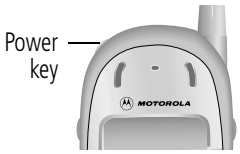
2 Plug the other end of the travel charger into the appropriate electrical outlet.

3 When your phone indicates that the battery is fully charged (**Charge Complete**), press the release tab and remove the travel charger.

Note: *When you charge the battery, the battery level indictor in the upper right corner of the display shows how much of the charging process is complete. See Battery Level Indicator on page 35.*

Getting Started

Turning Your Phone On

Do This	To
1 Press and hold ⏻ (the power key) 	turn on your phone
2 If necessary, enter your SIM card PIN code and press OK (⊙)	unlock your SIM card **Caution:** If you enter an incorrect PIN code three times in a row, your SIM card is disabled and your phone displays the message SIM Blocked. (For more information, see "Protecting the SIM Card" on page 165.)
3 If necessary, enter your four-digit unlock code and press OK (⊙)	unlock your phone The unlock code is originally set to 1234. (For more information, see "Locking and Unlocking Your Phone" on page 163.)

Making a Call

To call a number, your phone must be turned on, have a SIM card inserted, be unlocked, and have a network connection with adequate signal strength.

Press	To
1 keypad keys	dial the phone number (up to 32 digits) **Tip:** If you make a mistake, press DELETE (⊘) to delete the last digit, or press and hold DELETE (⊘) to clear all digits.
2 (send key)	make the call

Note: *You can make an emergency call even when the phone is locked, or when a SIM card is not inserted. See "Dialling an Emergency Number" on page 41.*

Ending a Call

Press	To
(end key)	end the call

Receiving a Call

To receive a call, your phone must be turned on, have a SIM card inserted, and have a network connection with adequate signal strength. If your phone is locked, you must unlock the phone to answer the call.

Note: *Your phone cannot receive calls when your SIM card is locked.*

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

Press	To
or ANSWER ( )	answer the call

Displaying Your Phone Number

From the idle display:

Press	To
MENU #	see your phone number

Note: *Your phone number must be programmed on your SIM card in order to use this feature.*

About Your Phone

See page 1 for a diagram of your phone that describes basic phone components.

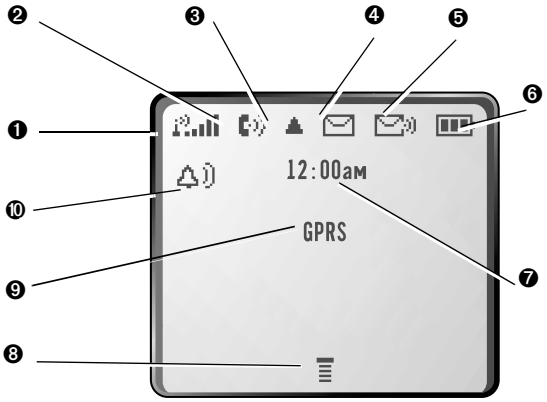
Display

The top section of the display shows phone status indicators. The following illustration shows some of the common indicators that you may see at the top of the display when using your phone.

Messages, phone numbers, and menu options appear in the middle of the display. Text labels at the bottom corners of the display show the current soft key functions. A ☰ (menu) indicator in the bottom centre of the display indicates that you can open the main menu or a feature sub-menu to see more options. For more information about the soft key and menu key labels, see "Using the Menu" on page 51.

Some of the phone functions described in this guide must be performed from the idle display. The term idle display refers to the standard display that you see when your phone is on and ready to use, when you are not on a call or using the menu system.

About Your Phone



❶ **Signal Strength Indicator** Shows the strength of your phone's connection with the network.

Strong No signal

You cannot make or receive calls when the "no signal" indicator is displayed.

❷ **In Use Indicator** Appears when a call is in progress.

❸ **Roam Indicator** Appears when your phone uses another network system outside your home network. When you leave your home network area, your phone roams or seeks another network.

❹ **Message Waiting Indicator** Appears when your phone receives a text message.

❺ **Voice Message Waiting Indicator** Appears when you receive a voicemail message.

❻ **Battery Level Indicator** Shows the amount of charge left in your battery. The more segments visible, the greater the charge.

High Empty

Recharge your battery as soon as possible when you see the **Low Battery** warning message.

Note: *When you charge the battery, the battery level indicator instead shows how much of the charging process is complete. See "Charging the Battery" on page 29.*

❼ **Clock** Shows the current time

❽ **Menu Indicator** Indicates that you can press M to open a menu. See "Using the Menu" on page 51.

❾ **GPRS Indicator** Indicates that a GPRS packet connection is active. This type of connection may be used by your service provider to allow faster data transfer speeds. The GPRS indicator does not mean that you are in a call; it simply indicates that you are registered on the network via a GPRS connection.

❿ **Alert Setting Indicator**

Shows the current selected alert. The default alert setting is a ringer.

	Loud ring		Soft ring
	Vibrate		Ring and vibrate
	Silent		

Changing the Zoom Setting

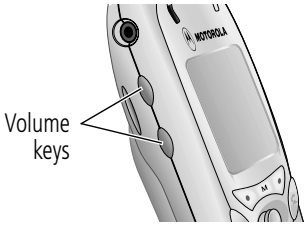
You can set your phone's display to show either six lines or four lines of text plus soft key labels. Six lines of text display more information, while four lines increase text size.

To change the display view, press M once, then press and hold M again within two seconds of the first press.

You can also adjust the zoom setting from the menu. See the "Zoom" item on page 77.

Volume Keys

Use the upper and lower volume keys to adjust your phone's earpiece and ringer volume, and to mute the incoming call alert.

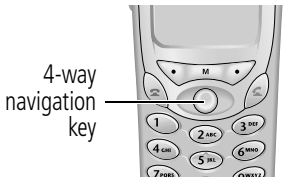


When	Press	To
you are in a call	volume keys	increase or decrease earpiece speaker volume
the idle display is showing	volume keys	increase or decrease ringer volume

You can also use the volume keys to scroll up or down through menus and lists.

To change keypad volume, see "Customise an Alert Profile" on page 140.

4-Way Navigation Key



The 4-way navigation key is a joystick that you use to move through the menu. It lets you adjust feature settings by pressing the key in the desired direction.

Tip: Down and up are your primary movements within menus. Right and left are available for shortcuts (advancing through choices), datebook, adjusting settings (such as contrast or key volume), and when entering or editing text.

Battery Use

Caution: To prevent injuries or burns, do not allow metal objects to contact or short-circuit the battery terminals.

To maximise your battery's performance:

- Always use Motorola Original™ batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.
- New batteries or batteries that have been stored for long periods of time may require a longer charge time.
- Maintain the battery at or near room temperature when charging.
- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.

- Over extended periods of time, batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to purchase a new battery.
- The more you talk on the phone or use phone features (like sending text messages), the less standby time your battery has.

The rechargeable batteries that power this product must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling centre for proper disposal methods. Never dispose of batteries in a fire because they may explode.

Making and Receiving Calls

For basic instructions on how to make a call, end a call, and receive a call, see pages 31–32 of the "Getting Started" section.

This chapter describes features that help you make and receive calls with your phone. For information about other call-related phone functions, see "Recent Calls" on page 80 and "Data and Fax Calls" on page 154.

Redialling a Number

You can redial a previously dialled phone number, whether the call was connected or busy. From the idle display:

Press	To
1	go directly to the dialled calls list
2	scroll to the entry you want to call
3	redial the highlighted number

Using Automatic Redial

If the number dialled or the network is busy, you hear a busy signal, and your phone displays the message Call Failed.

When automatic redial is turned on, your phone automatically makes a number of redial attempts until the call goes through. When the call goes through, your phone rings or vibrates one time, displays the message Redial Successful, and then connects the call.

You must turn on automatic redial to use this feature. See the "Auto Redial" item on page 77 to turn on automatic redial.

When automatic redial is turned off, you can manually activate the feature to redial a phone number. When you hear a busy signal and see the Call Failed message:

Press	To
or RETRY ( )	activate automatic redial

Caller ID

The calling line identification (caller ID) feature lets you see who is calling before you answer.

- If the caller's name is stored in your phonebook, the phone automatically displays the name. Otherwise, the phone displays the caller's phone number.
- If caller ID information is not available, your phone displays the message Incoming Call.

Returning an Unanswered Call

Your phone keeps a record of your unanswered calls. When you cannot answer a call, your phone displays:

- the (missed call) indicator
- the message X Missed Calls, where X is the total number of missed calls

Press	To
1 VIEW ( )	see the received calls list, with the most recent call at the top

Press	To
2	scroll through the list and select a call that you want to return
3	make the call

Dialling an Emergency Number

Your service provider programs one or more emergency phone numbers (such as 999) that you can call under any circumstances. Provided that your phone has found a network, you will be able to make an emergency call. The call can be made regardless of any security codes and, depending on the network, with or without a SIM card inserted.

Note: *Emergency numbers vary by country. Your phone's emergency number(s) may not work in all locations.*

To call the emergency number at any time:

Press	To
1 keypad keys	dial the emergency number (such as 999)
2	call the emergency number

Entering Numbers in the Notepad

Your phone stores the most recent string of digits entered on the keypad in a temporary memory location called the notepad. These digits can be the last phone number that you called, or a phone number that you simply entered but did not call. These digits remain in the notepad even when you turn off the phone.

Making and Receiving Calls

You can use the notepad to store a phone number that you intend to call later (such as a phone number told to you by the other party during a call). To retrieve these digits, see "Using the Notepad" on page 82.

Terminating an Incoming Call

While the phone is ringing or vibrating:

Press	To
or IGNORE ( )	cancel the incoming call

Depending on your phone settings and the type of subscription you have with your service provider, the call may be diverted to another number, or the calling party may hear a busy signal.

Dialling With Speed Dial

The speed dial feature lets you dial any phonebook entry with a minimal number of keypresses.

Whenever you store an entry in your phonebook, the entry is assigned a unique speed dial number. If you know the speed dial number for the phonebook entry you want to call, you can use the speed dial feature.

Press	To
1 keypad keys	enter the one-, two-, or three-digit speed dial number for the entry you want to dial
2 #	submit the number
3	call the entry

To make an entry in the phonebook or view an existing entry's speed dial number, see "Storing a Phonebook Entry" on page 88.

Dialling With 1-Touch Dial

You can call phonebook entries 1 to 9 with the push of a single key. Just press and hold the one-digit speed dial number for one second.

To store entries in locations 1 to 9 in the phonebook, see "Storing a Phonebook Entry" on page 88.

Note: *You must specify which phone number list you want to use with this feature: phone memory phonebook, fixed dial list, or SIM card phonebook. See "1-Touch Dial Preference" on page 99.*

Dialling a Number In a Text Message

If you receive a text message with an embedded phone number, you can dial the number directly.

Note: *You must set up the text message inbox before you can receive text messages. See "Setting Up the Text Message Inbox" on page 111.*

Find the Feature M > Messages > Text Msgs

Press	To
1 ◁◇▷	scroll to the message with the number
2 M	open the Text Msg Menu
3 ◁◇▷	scroll to Call Back
4 SELECT (⊙)	dial the number in the message

If the message contains more than one phone number, press ◁◇▷ to scroll to a number and then press SELECT (⊙) to dial.

Additional Dialling Features

In addition to pressing numbers on your keypad, you can insert numbers or characters and make calls in a variety of ways.

To dial the local international access code:

Do This	To
Press 0+ for two seconds	insert the international access code for the country from which you are calling

While dialling (with digits visible in the display):

Do This	To
Press M > Attach Number	attach a number from the phonebook or recent calls list to the end of the digits you entered
Press M > Hide ID/Show ID	hide (or show) your caller ID for the next call
Press M > Send Message	create a text message addressed to the number entered
Press M > Talk Then Fax	talk and then send a fax to the same phone number within the same call
Press M and then scroll to and select one of the following:	insert a special character when making a call that requires you to dial and send additional digits (for example, to make a calling card call, or to retrieve messages from an answering machine):
• Insert Pause (to insert a p)	• **Pause** tells your phone to wait until the call connects before it sends the next digit(s) in a series.
• Insert Wait (to insert a w)	• **Wait** tells your phone to wait until the call connects, and then to prompt you before it sends the next digit(s).
• Insert 'n' (to insert an n)	• **'n'** tells your phone to prompt you for a number before dialling the call. The number you enter is inserted into the dialling sequence in place of the 'n' character.

Making and Receiving Calls

You can also call numbers using these features:

Do This	To Call
Press and release the voice key on the right side of your phone and say the entry's name (in two seconds).	a phone number using the voice dial feature See "Recording a Voice Name For a Phonebook Entry" on page 90.
Press M > Service Dial > entry to call	a service dial number programmed on the SIM card
Press M > Fixed Dial > entry to call	a fixed dial number
Press M > Recent Calls > Received Calls or Dialled Calls > entry to call	a missed call or a number from a call you recently dialled or received

Using Features While On a Call

Using Call Waiting

If you subscribe to call waiting, an alert tone sounds while you are on a call to indicate that you have received a second call.

To put the first call on hold and answer the second call:

Press	To
1	answer the new call
2 SWITCH ( )	switch back to the first call ***Note:*** *You can press* SWITCH ( ) *at any time to switch between calls.*
or Link( )	connect the two calls.

To end the first call and answer the second call:

Press	To
1	end the current call Your phone rings to signal the new call.
2	answer the new call

You must activate call waiting in order to use the feature. See the "Call Waiting" item on page 74 to activate call waiting.

Using Features While On a Call

Making a Conference Call

To talk to more than one person on a call, you can make a conference call. Call the first person, call the second person, then link the two calls.

Press	To
1 keypad keys	dial the first person's number
2	call the number
3 HOLD (⊙) (if available) **or** M > Hold	put the first call on hold Your phone displays a (flashing phone) indicator next to the call on hold.
4 keypad keys	dial the next person's number
5	call the number Your phone displays an (active call) indicator next to the new active call.
6 LINK (⊙)	connect the two calls
7	end the entire call

Using Features While On a Call

Transferring a Call

While you are on a call, you can transfer the call to another phone by first talking to the person who answers the other phone, or by directly transferring the call.

Announce the Call Transfer

You can talk to the person who answers the other phone before you transfer the call, to tell them whom you are transferring.

Find the Feature M > Hold

Press	To
1 keypad keys	enter the phone number where you are transferring the call
2	dial the phone number Speak to the person who answers the target phone.
3 M	open the menu
4	scroll to Transfer
5 SELECT ( )	select Transfer
6 OK ( )	confirm the transfer Your phone displays the message Transfer: Complete when the call is transferred. You can hang up the phone when you see this message.

Using Features While On a Call

Do Not Announce the Call Transfer

You can directly transfer a call without talking to the person who answers.

Find the Feature M > Transfer

Press	To
1 keypad keys	enter the phone number where you are transferring the call
2	dial the phone number Your phone displays the message Transfer: Complete when the call is transferred. You can hang up the phone when you see this message.

Additional On-Call Features

While you are on a call, you can perform the following tasks:

Do This	To
Press **HOLD** (•) (if available) **or** Press M > Hold	put a call on hold Your phone displays a (flashing phone) indicator to indicate that the call is on hold.
Press M > My Tel. Numbers	see your phone numbers

Using the Menu

Navigating to a Feature

You can access many of your phone's features by using these keys to move through the menu system:

Menu Key
Enter the menu system, or open a sub-menu, when appears in the bottom centre of the display.

Volume Keys
Scroll up or down through menus and lists.

Right Soft Key
Perform the function shown in the lower right corner of the display (usually **SELECT** the highlighted menu item).

Left Soft Key
Perform the function shown in the lower left corner of the display (usually **EXIT** or **BACK**).

4-Way Navigation Key
Scroll **up** or **down** through menus and lists. Scroll **left** or **right** to cycle through and set the value of the highlighted menu item.

End Key
Exit the menu system without making changes, return to the idle display.

Using the Menu

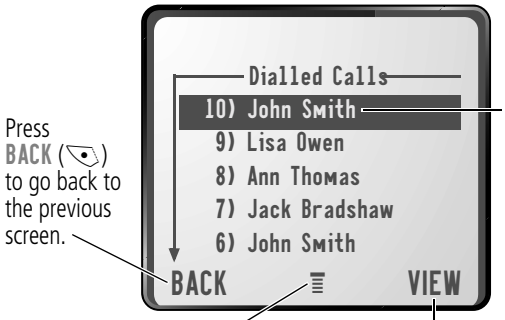
This guide shows you how to navigate to a specific menu feature as follows:

Find the Feature	M	> Recent Calls > Dialled Calls

The > symbol means that you should scroll to and select the feature. This example shows that you must press M, scroll to and select Recent Calls, then scroll to and select Dialled Calls to see the dialled calls list.

Selecting a Feature Option

Some features require you to select an item from a list:

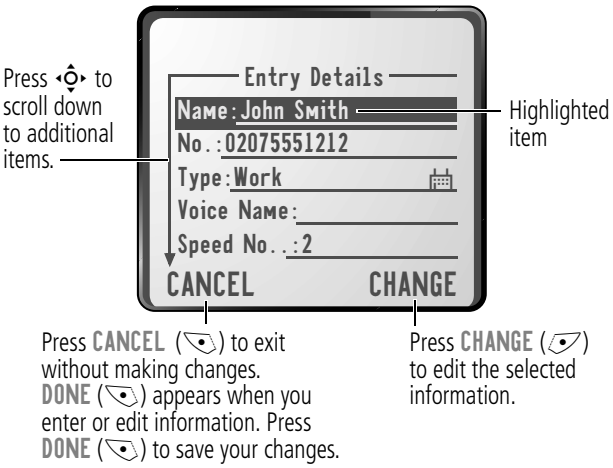


Select an item by highlighting it. Use one of the following approaches:

- Press ◂◆▸ to scroll up or down to the item you want.
- In a numbered list, press a number key to highlight the item.
- In an alphabetised list, press a key multiple times to cycle through the letters on the key and highlight the closest matching list item.

Entering Feature Information

Features such as the phonebook and datebook require you to enter information to fill in an entry's details:

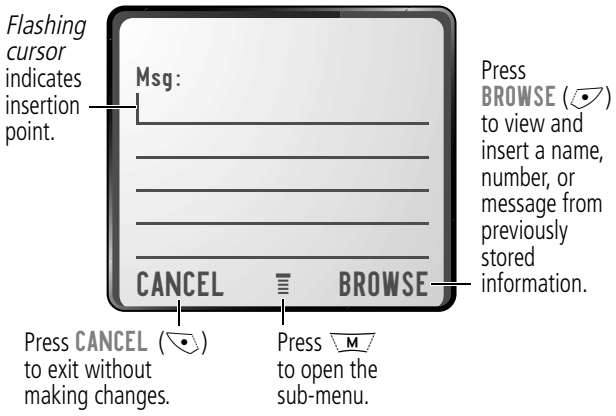


- Enter numbers or text with the keypad. (See "Entering Text" on page 56.)

Using the Menu

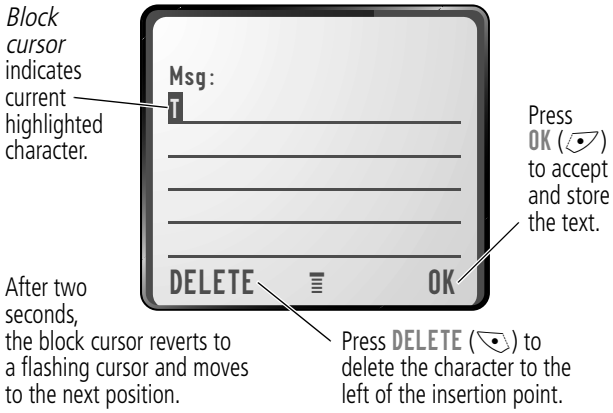
- When an item has a list of possible values, press ◂◆▸ to the left or right to scroll through and select a value.
- When an item has a list of possible numeric values, press a number key to set the value.
- If you enter or edit information and then decide that you do not want to save your changes, press ⊖ to exit without saving.

The message centre lets you compose and send text messages. (See "Entering Text" on page 56.) A *flashing cursor* shows you where the text will appear:



Using the Menu

When you enter text, the flashing cursor changes to a *block cursor*, and the soft key functions change:



Entering Text

Various text entry methods make it easy for you to enter names, numbers, email addresses, and text messages on your phone.

You can enter all characters (letters, numbers, and symbols) using the standard tap method. Other text modes let you easily enter numbers and symbols, or insert text already stored on your phone. Finally, a predictive text mode lets you enter text messages with a minimum of keypresses.

Choosing a Text Mode

To activate a text mode, press M from any text entry screen and select the text mode from the **Entry Method** menu:

iTAP	Let the phone predict each word as you enter it, then choose the word from a list (see "Predictive Text Entry with iTAP™ Software" on page 61).
Tap Method	Enter characters one at a time by pressing the key for the letter, number, or symbol (see "Tap Method" on page 57). This is the standard mode for entering text on your phone.
Numeric	Enter only the number that appears on each key.
Symbol	Enter symbols only (see "Symbol Mode" on page 60).
Browse	Browse through your phonebook and recent calls lists to select a name or number to enter.

Note: *The text mode you select remains active until you change it by selecting another mode.*

Tap Method

Tap method is the default standard mode for entering text on your phone.

To activate tap method from any text entry screen, press M and select the **Tap Method** menu option.

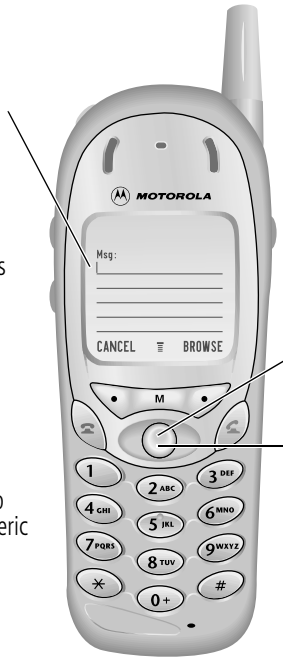
To enter text using the tap method:

Do	This	To
1	Press a number key one or more times	cycle through the characters associated with the key and select the character you want (see the "Character Chart" on page 59)
2	Continue to press number keys	enter the rest of the characters in the text message
3	Press **OK** (⊙)	accept and store the text when you are finished

Entering Text

General Text Entry Rules

Use the keypad to enter letters, numbers, symbols, and other characters with the tap method. Press the same key repeatedly to cycle through available characters (see the "Character Chart" on page 59):



Press a number key to enter text at flashing cursor location.

Press a number key as many times as necessary to enter the desired character.

Press and hold a number key to cycle between tap method and numeric text entry mode.

Press navigation key **up** or **down** to change character in block cursor to uppercase or lowercase.

Press navigation key **left** or **right** to move flashing cursor to the left or right in text message.

Entering Text

- If you do not press a key for two seconds, the character in the block cursor is accepted, and the cursor moves to the next position.
- The first character of every sentence is capitalised unless you manually change it. (Hold the number key or press down to force the character to lowercase while it is highlighted by the block cursor.)

Character Chart

Use this chart as a guide for entering spaces, numbers, letters, symbols, and other characters with the tap method.

1	*space* . 1 ? ! , @ _ & : ; " - ( ) ' ¿ ¡ % £ $ ¥ €
2 ABC	a b c 2 ä å á à ã â α β ç
3 DEF	d e f 3 δ é è ê φ
4 GHI	g h i 4 í γ
5 JKL	j k l 5 λ
6 MNO	m n o 6 ñ ö ø ó ò ô õ ω
7 PQRS	p q r s 7 π β σ
8 TUV	t u v 8 θ ü ú ù
9 WXYZ	w x y z 9 ξ ψ
0+	+ - 0 x * / \ [ ] = > < # §

Symbol Mode

Your phone provides an alternative way to find and enter symbol characters in a text message. You can view and select from a variety of available symbols.

To activate symbol mode from any text entry screen, press M and select the Symbol menu option.

To enter a symbol in symbol mode:

Do	This	To
1	Press a number key one time	display its symbol options (see the "Symbol Chart" on page 61) The symbols associated with the key you pressed are shown at the bottom of the display. If necessary, press other keypad keys to find the symbol you want.
2	Press ◂◆▸ **or** the number key multiple times	highlight the symbol you want
3	Press SELECT (⊙)	add the highlighted symbol to the text area at the top of the display

Symbol Chart

Use this chart as a guide for entering symbols in symbol mode.

1	*space* . ? ! , @ _ & : ; " - ( ) ' ¿ ¡ % £ $ ¥ €
2 ABC	@ _ \
3 DEF	/ : ;
4 GHI	" & '
5 JKL	( ) [ ] { }
6 MNO	¿ ¡ ~
7 PQRS	< > =
8 TUV	$ £ ¥ €
9 WXYZ	# % *
0+	+ - 0 x * / = > < # §

Predictive Text Entry with iTAP™ Software

iTAP™ software provides a predictive text entry method that lets you enter the letters of a word using only one key press per letter.

You must activate iTAP software prior to entering letters. You can do this from any text entry screen by pressing M to open the **Entry Method** menu and selecting the **iTAP** menu option.

Entering Text

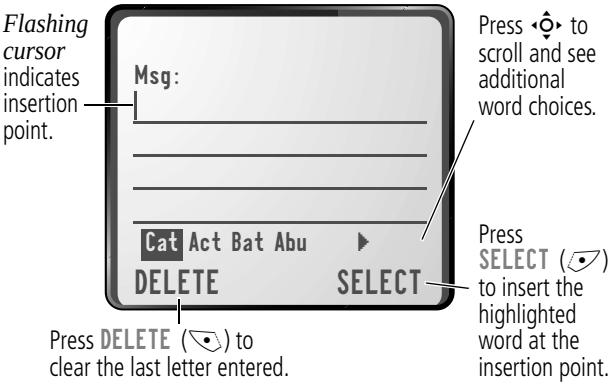
Enter Words

To enter a word with iTAP software:

Do	This	To
1	Press a number key one time	enter the first letter of the word The letters associated with the key you pressed are shown at the bottom of the display.
2	Press number keys (one per letter)	enter the rest of the word Alternative words and letter combinations are shown at the bottom of the display based on the keys you press. These word choices are updated with each keypress.
3	When you have entered all the letters of the word, press ◂◆▸	locate and highlight the word you want
4	Press SELECT (⊙)	add the highlighted word to the text area at the top of the display A space is automatically inserted after the word.

Entering Text

For example, to spell the word "act," press 2 2 8. The display shows:



Enter Words not in the iTap Dictionary

You may enter a word that is not in the iTAP software dictionary. If you enter all the letters of a word but the word is not displayed:

Do This		To
1	Press DELETE (•) one or more times	delete one or more letters until you see a letter combination that matches the start of the word
2	Press ◂◆▸	highlight the letter or letter combination

Do This		To
3	Press SELECT (⊙), then press ◂◆▸ to the left	shift the text entry cursor to the left and "lock" the selected portion of the word
4	Continue entering letters and highlighting letter combinations	spell the word

Punctuation

The iTAP software automatically adds a space after each word. When you enter punctuation, this space is removed. To use punctuation:

Press	To
1 or 0+	enter punctuation or other characters as shown in the "Character Chart" on page 59

Capitalisation

The first word of a sentence is automatically capitalised, with following words in lowercase. To set or adjust character capitalisation:

Press	To
◂◆▸ up or down	change the words to initial character capitalised, all uppercase characters, or all lowercase characters

Entering Text

Enter Numbers

To enter a number with iTAP software:

Do This		To
1	Enter the first digit and then highlight it	put the iTAP software in number entry mode
2	Press number keys	add digits to the number
3	Press SELECT (⊙)	enter the number at the insertion point

Delete Letters and Words

Place the cursor to the right of the text that you want to delete, and then do the following:

Do This	To
Press DELETE (⊖)	delete one letter at a time
Continue to hold DELETE (⊖)	delete the entire message

Menu Feature Descriptions

This chapter describes all of your phone's features in order of the menu map shown on pages 3–4. Some descriptions also include page numbers where you can find more detailed information.

Main Menu

RECENT CALLS

Received Calls M > Recent Calls > Received Calls

View a list of recently received calls. See "Viewing the Received Calls or Dialled Calls List" on page 80.

Dialled Calls M > Recent Calls > Dialled Calls

View a list of recently dialled calls. See "Viewing the Received Calls or Dialled Calls List" on page 80.

Notepad M > Recent Calls > Notepad

Call or store the last number entered on the keypad. See "Entering Numbers in the Notepad" on page 41, and "Using the Notepad" on page 82.

Call Times M > Recent Calls > Call Times

View call timers that track time spent on your last call, dialled calls, received calls, all calls since reset, and all calls total. See "Viewing and Resetting Call Timers" on page 83.

Call Cost M > Recent Calls > Call Cost

View call cost information. Your network may provide current credit information, and can provide cost information about the amount spent on your last call, dialled calls, received calls, and all calls total. See "Viewing and Resetting Call Costs" on page 85.

SERVICE DIAL M > Service Dial

Dial pre-programmed numbers stored on your SIM card. Your service provider can program your SIM card with phone numbers for services such as taxi companies, restaurants, and hospitals.

FIXED DIAL M > Fixed Dial

Dial or edit numbers in the fixed dial list.

When you activate the fixed dial feature, users can only call the numbers in the fixed dial list. To activate fixed dial, see the "Fixed Dial" item on page 75.

Fixed dial list entries can be any length. If there is a fixed dial entry for the digits 555, users can call any number that starts with 555.

You must enter your SIM PIN2 code to edit fixed dial entries. In the fixed dial list, you can create, edit, delete, and sort entries just like in the phonebook list. Fixed dial list entries are stored on your SIM card and do not have Type or Voice Name fields.

Note: *Employers can use fixed dial to limit employees' phones to a predefined list of numbers, country codes, or other prefixes.*

PHONEBOOK M > Phonebook

Store names and numbers as entries in your phonebook, then call numbers by selecting them from the phonebook list. See "Phonebook" on page 87.

Menu Feature Descriptions

DATEBOOK M > Datebook

Use the datebook calendar to schedule and review your appointments. See "Datebook" on page 100.

QUICK DIAL M > Quick Dial

Dial pre-programmed numbers stored on your phone. Your service provider may program your phone with one or more quick dial numbers, such as the customer service number. You can call them by selecting them from the quick dial list.

Note: *Your service provider may use a different name for this feature.*

RADIO M > Radio

Listen to FM radio stations with the optional Motorola Original™ FM Stereo Radio Headset accessory. This menu feature is displayed only when the FM Stereo Radio Headset is plugged into the accessory connector port on your phone. See "Radio" on page 106.

MESSAGES M > Messages

Adjust message settings, view and manage the various types of messages your phone can receive and/or send:

Voicemail	Listen to your recorded voice messages. See "Messages—Voicemail" on page 109.
Text Msgs	Send and receive text messages. See "Messages—Text" on page 111.
Info Services	Read information services messages (subscription-based broadcast messages, such as stock updates, news, and weather reports) that you have received.

Browser Alerts	Read alert messages received by your micro-browser.
Quick Notes	Select and send pre-written messages from the quick notes list. See "Sending a Quick Note Text Message" on page 117.
Outbox	View all outgoing text messages, delivered and undelivered.
Drafts	Store and edit text messages that you have written but not sent.

SHORTCUTS M > Shortcuts

Create keypad or voice shortcuts to menu features. See "Shortcuts" on page 119.

VOICE NOTES M > Voice Notes

Use the voice key to record messages and phone calls. See "Voice Notes" on page 123.

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

SIM APPLICATIONS M > SIM Applications

Access information and applications stored on your SIM card.

Your SIM card may contain applications that process your outgoing calls, text messages, and other events. Contact your service provider for details.

Menu Feature Descriptions

BROWSER M > Browser

Access Web pages and run Web-based applications. The micro-browser delivers WAP (Wireless Application Protocol) pages from your service provider directly to your phone. See "Micro-Browser" on page 129.

CALCULATOR M > Calculator

Use your phone as a calculator or currency converter. See "Calculator" on page 131.

GAMES M > Games

Play games on your phone. See "Games" on page 134.

Settings Menu

RING/VIBRATE

Alert M > Settings > Ring/Vibrate > Alert

Select a type of ring or vibration alert for incoming calls and messages. See "Ring/Vibrate" on page 139.

Alert Detail M > Settings > Ring/Vibrate > Alert Detail

Change details about the ring or vibration alert. Alert represents the name of the current alert setting. See "Ring/Vibrate" on page 139.

My Tones M > Settings > Ring/Vibrate > My Tones

Create custom alert tones for your phone. See "Use the My Tones Feature" on page 141"

CALL DIVERT M > Settings > Call Divert

Set options for diverting incoming voice, data, and/or fax calls to another phone number. See "Call Diverting" on page 147.

PHONE STATUS

My Tel. Numbers M > Settings > Phone Status > My Tel. Numbers

View, enter, and edit your name and phone numbers.

Credit Info M > Settings > Phone Status > Credit Info

View the credit available, its expiry date, and the date of the last deposit. (This feature is only available if you subscribe to a prepay option.)

Credit Available M > Settings > Phone Status > Credit Available

View the credit available. (This feature is only available if you subscribe to the advice-of-charge feature.)

Active Line M > Settings > Phone Status > Active Line

Change the active phone line to make and receive calls from either of the available numbers. (This feature is available only to dual-line enabled SIM cards.)

Menu Feature Descriptions

Battery Meter M > Settings > Phone Status > Battery Meter

View a detailed battery charge meter.

Other Information M > Settings > Phone Status > Other information

View your phone's feature specifications (if available from the service provider).

CONNECTION

Connect your phone to a computer or hand-held device to send and receive data and fax calls on the connected device. See "Data and Fax Calls" on page 154.

IrDA Link M > Settings > Connection > IrDA Link

Set up a wireless infrared connection. See "Establish an Infrared Connection" on page 156.

BROWSER SETUP

M > Settings > Browser Setup

Adjust the micro-browser's network connection settings, or create a new network connection profile

IN-CALL SETUP

Set the features that are active during a call, such as the in-call timer, cost trackers, call waiting, and call answering options.

In-Call Timer

M > Settings
> In-Call Setup
> Incoming Call

Adjust call timer display and beep settings. You can set your timer to beep at a selected interval during your calls. (60 seconds is the default.) You can also turn on or off a display timer during calls as follows:

Time	Display the elapsed time for the current call.
Cost	Display the cost of the current call (if you subscribe to call cost features or advice-of-charge).
Total Cost	Display the cost of all calls since the last time you reset the timer (if you subscribe to call cost features or advice-of-charge).
Credit Available	Display how much credit you have left (if you subscribe to call cost features or advice-of-charge).
Off	No in-call timer display.

Call Cost Setup

M > Settings
> In-Call Setup
> Call Cost Setup

Adjust call cost settings.

You can assign a credit limit so that your phone displays your remaining credit during calls. Your phone notifies you when you approach your limit, and ends the call when you reach it.

Menu Feature Descriptions

Your phone network expresses cost in the amount of units used, but this feature lets you tell your phone how to translate the units to a currency.

My Caller ID M > Settings > In-Call Setup > My Caller ID

Activate and deactivate the display of your phone number as an ID when you call someone.

Talk and Fax M > Settings > In-Call Setup > Talk and Fax

Activate and deactivate the talk/fax service.

Use this feature prior to making a call when you want to talk and then send or receive a fax call to the same phone number and within the same call.

You can also use the talk then fax feature to send a fax during a call. See "Sending a Talk then Fax Call" on page 160.

Answer Options M > Settings > In-Call Setup > Answer Options

Turn call answering options on or off:

Multi-Key	Answer by pressing any key

Call Waiting M > Settings > In-Call Setup > Call Waiting

Activate and deactivate call waiting.

When call waiting is activated and another call arrives while you are on a call, call waiting can play a tone to notify you of the new call. See "Using Call Waiting" on page 47.

SECURITY

Phone Lock M > Settings > Security > Phone Lock

Lock and unlock your phone. See "Locking and Unlocking Your Phone" on page 163.

Lock Keypad M > Settings > Security > Lock Keypad

View instructions on how to lock and unlock your keypad. See "Locking and Unlocking Your Keypad" on page 164.

Lock Application M > Settings > Security > Lock Application

Lock and unlock specific phone applications (such as phonebook or datebook). When an application is locked, users must enter the unlock code to use the application.

Fixed Dial M > Settings > Security > Fixed Dial

Restrict outgoing calls to numbers on the fixed dial list. See "Fixed Dial" on page 67.

Call Barring M > Settings > Security > Call Barring

Restrict incoming and outgoing calls. See "Barring Calls" on page 164.

SIM PIN M > Settings > Security > SIM PIN

Switch SIM card protection on and off, so users must enter the SIM card PIN code when they turn on the phone or insert a SIM card. See "Protecting the SIM Card" on page 165.

Menu Feature Descriptions

New Passwords M > Settings > Security > New passwords

Change your unlock code (originally set to 1234) or your security code (originally set to 000000). See "Assigning a New Code or Password" on page 161.

OTHER SETTINGS

Personalise M > Settings > Other Settings > Personalise

Set several personal phone options:

Main Menu	Change the order of the main menu. (See "Reordering Menu Items" on page 149.)
Keys	Change the functions of the soft keys in the idle display. (See "Customising a Soft Key Function" on page 150.)
Greeting	Change the text displayed when you turn on your phone
Quick Dial	Change quick dial number(s)

Initial Setup M > Settings > Other Settings > Initial Setup

Set many basic phone options:

Time and Date	Set the phone's time and date

1-Touch Dial	Assign the 1-touch dial feature to numbers 1 to 9 in your phone memory phonebook, fixed dial list, or SIM card phonebook. (See "1-Touch Dial Preference" on page 99.)
Auto Redial	Use this option to turn on or turn off the automatic redial feature. When you turn on automatic redial, your phone automatically redials calls that fail due to busy numbers or network conditions. (See "Using Automatic Redial" on page 39.)
Backlight	Set the amount of time that the display backlight remains on, or turn off the backlight to conserve battery power.
Zoom	Switch between six lines (Zoom Out) and four lines (Zoom In) of display text.
Scroll	Force the cursor to stop or wrap around when it reaches the top or bottom of a list in the display.
Language	Set the language for phone menus.
Battery Save	Adjust the phone's power usage characteristics to conserve power.
Contrast Setting	Adjust the contrast setting for your display.

DTMF	Your phone can send a number to the network as dual tone multi-frequency (DTMF) tones. DTMF tones are used to communicate with automated systems that require you to enter a number such as a code, password, or credit card number. Use this option to set DTMF tones on or off.
Master Reset	Reset all options back to their original factory settings except for the unlock code, security code, and lifetime timer.
Master Clear	Reset all options back to their original factory settings except for the unlock code, security code, and lifetime timer, and clear all user settings and entries except for information on the SIM card. ***Note:*** *This option* erases *all user-entered information stored in your phone's memory, including phonebook and datebook entries. Once you erase the information, it cannot be recovered.*

Network

M > Settings
> Other Settings
> Network

View and adjust your phone's network settings.

Your service provider registers your phone to a network. You can view information about the current network, change how your phone searches for a network, specify your preferred networks, change your phone's frequency settings for different geographical regions (1900 MHz or 900/1800 MHz), and activate alerts that indicate when a call is dropped or a network registration changes.

Car Settings

M > Settings
> Other Settings
> Car Settings

Optional Accessory

Adjust hands-free car kit settings.

You can set your phone to route calls directly to the car kit when it detects a connection, and automatically answer calls after two rings. See "Hands-Free Use" on page 150.

Note: *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.*

Headset

M > Settings
> Other Settings
> Headset

Optional Accessory

Set your phone to automatically answer calls after two rings when connected to a headset. See "Hands-Free Use" on page 150.

Recent Calls

You can use the recent calls menu to view received calls or dialled calls, retrieve the last number stored in the notepad, and view or reset call times and costs.

Viewing the Received Calls or Dialled Calls List

Your phone keeps lists of the numbers from calls you recently received and dialled, even if the calls did not connect. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new ones are added. Each entry tells you the person's number (or name, if available) and whether the call connected or not. You can call, store, or delete the numbers on these lists.

Shortcut: Press to go directly to the dialled calls list from the idle display.

To open the recent calls menu:

Find the Feature	M > Recent Calls
Press	**To**
1	scroll to Received Calls or Dialled Calls
2 SELECT	select Received Calls or Dialled Calls
3	scroll to an entry you want to call, store, or delete
	Note: *✓ means the call connected.*

Recent Calls

Press	To
4	call the entry's number **Tip:** Press and hold for two seconds to send the entry number as DTMF tones. To activate DTMF tones, see the "DTMF" item on page 78.
or	
	view the entry's details if View appears above the right key, or store the entry's details in the phonebook if Store appears above the key
or	
M	open the Last Calls Menu to perform other procedures as described in the following list

The Last Calls Menu includes the following options:

Option	Description
Store	Create a phonebook entry with the selected number in the No. field. (This option is not available if STORE appears above the right key, or if the number is already stored as a phonebook entry.)
Delete	Delete the entry. (This option is not available if DELETE appears above the left key.)
Delete All	Delete all entries in the current list.
Hide ID/Show ID	Hide (or show) your caller ID for the next call.

Recent Calls

Option	Description
Send Message	Create a new text message, with the selected number in the Tel No. field. See "Sending a Text Message" on page 115.
Add Digits	Add digits to the end of the selected number.
Attach Number	Attach another number from the phonebook or recent calls list to the end of the selected number.
Send Tones	Send the selected number to the network as DTMF tones, for credit card calling or password entry. (This option is available only during an active call.) To activate DTMF tones, see the "DTMF" item on page 78.
Talk then Fax	Tell the network you want to call and talk to someone, and then send a fax call to the same number in the same call. See "Sending a Talk then Fax Call" on page 160.

Using the Notepad

Your phone uses a notepad to store the most recent string of digits entered - either for a phone number that you called or for a number that you entered but did not call.

To call the number stored in the notepad, press from the idle display.

Recent Calls

To create a phonebook entry or perform other operations with the number:

Find the Feature	M > Recent Calls > Notepad

Press	To
M	open the Dialling Menu (to attach a number or insert a special character). See "Additional Dialling Features" on page 44.
or	
STORE (•)	create a new phonebook entry, with the notepad number copied into the No. field. See "Storing a Phonebook Entry" on page 88.

Viewing and Resetting Call Timers

Your phone tracks and records call times. Use the recent calls menu to view and reset a call timer.

Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing ⏻. This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, please contact your service provider directly.

Recent Calls

You can view the approximate network connection time elapsed during the following calls:

Timer	Description
Last Call	Time spent on the last call dialled or received. You cannot reset this timer.
Dialled Calls	Total time spent on dialled calls since the last time you reset this timer.
Received Calls	Total time spent on calls received since the last time you reset this timer.
All Calls	Total time spent on dialled and received calls since the last time you reset this timer.
Lifetime	Total time spent on all calls on this phone. You cannot reset this timer.

To view a call timer:

Find the Feature M > Recent Calls > Call Times

Press	To
1 ◁◇▷	scroll to the timer you want to view
2 SELECT (⊙)	view the recorded time

To reset the call timer:

Press	To
1 RESET (⊙)	reset the time (if available)
2 YES (⊙)	confirm the reset

Recent Calls

Viewing and Resetting Call Costs

Your phone network can provide the following cost information:

Cost Tracker	Description
Credit Available	Amount of your credit remaining. For GSM advice of charge, this is only available if you set a credit limit. ***Note:*** *Your phone receives cost information from the GSM advice of charge feature or third-party prepay software.*
Expiry Date	Date that the available credit expires (available only with a subscription to a prepay option).
Last Deposit	Amount of the last deposit (available only with a subscription to a prepay option).
Last Call	Amount spent on the last call you dialled or received. You cannot reset this cost tracker.
Dialled Calls	Amount spent on calls you dialled since the last time you reset this cost tracker.
Received Calls	Amount spent on calls you received since the last time you reset this cost tracker.

Recent Calls

Cost Tracker	Description
All Calls	Amount spent on all dialled and received calls since the last time you reset this cost tracker. You can reset this value separate from Dialled Calls and Received Calls, so Dialled Calls plus Received Calls may not equal All Calls.

To view a cost tracker:

Find the Feature M > Recent Calls > Call Cost

Press	To
1 ‹◇›	scroll to the cost tracker you want to view
2 SELECT (⊙)	view the recorded cost

To reset the cost tracker:

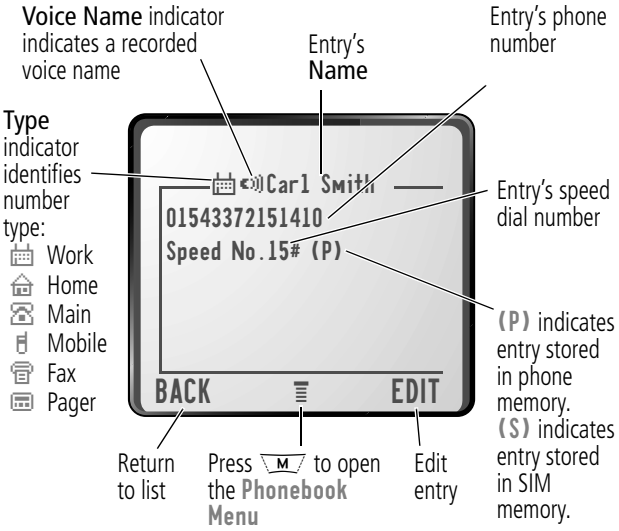
Press	To
1 RESET (⊙)	reset the cost (if available)
2 OK (⊙)	enter your PIN2 code to confirm the reset

Phonebook

You can store a list of names and phone numbers in your phone's electronic phonebook. You can view these entries and call them directly from your phone.

To see the list of names stored in your phonebook, press M > **Phonebook** from the idle display. Scroll to a name and press **VIEW** (⊙) to view details of the phonebook entry as shown in the following display.

Fields in a Phonebook Entry Form



Note: *Numbers stored on the SIM card do not have* **Type** *or* **Voice Name** *information.*

Phonebook

Storing a Phonebook Entry

A phone number is required for a phonebook entry. All other information is optional.

You can store a phonebook entry on your phone or on the SIM card. Entries with a speed dial number from 1 to 500 are stored on the phone. To store a phonebook entry on your SIM card, assign a speed dial number of 501 or higher to the entry when you create it. The total number entries you can store on your SIM card is dependent on your service provider.

Shortcut: Enter a phone number in the idle display, then press STORE (⊙) to create a phonebook entry with the number in the No. field. Go directly to step 1 in the following procedure to enter additional information and store the entry.

Note: *You can also use the following procedure to store a fixed dial entry by scrolling to and selecting* Fixed Dial.

Enter Information

Find the Feature M > Phonebook
M > New

Press	To
1 CHANGE (⊙)	select Name
2 keypad keys	enter a name for the phonebook entry (see "Entering Text" on page 56)
3 OK (⊙)	store the name
4 CHANGE (⊙)	select No.
5 keypad keys	enter the phone number

Press		To
6	OK (⊙)	store the phone number
7	CHANGE (⊙)	select Type ***Note:*** *This option is not available for entries stored on a SIM card.*
8	◂◆▸	scroll to the type of phone number
9	SELECT (⊙)	select the number type
10	RECORD (⊙) **or** Go to step 11 if you do not want to record a voice name for the entry	record a voice name for the entry, if desired See "Recording a Voice Name For a Phonebook Entry" on page 90. ***Note:*** *This option is not available for entries stored on a SIM card.*
11	◂◆▸	scroll to Speed No., the number to speed dial the entry The next available speed dial number is assigned to a new phonebook number by default.
12	CHANGE (⊙)	select Speed No. if you want to change it
13	keypad keys	enter a different speed number, if desired ***Note:*** *Entries with a speed dial number from 1 to 500 are stored on the phone. Entries with a speed dial number of 501 or higher are stored on the SIM card.*

Press	To
14 OK (⊙)	save the modified speed number If your chosen speed number is already assigned to another entry, you are asked if you want to replace that entry.
15 SELECT (⊙)	select MORE if you want to create another entry with the same Name ***Note:*** *You must enter a name and number to use this option.*

Complete Phonebook Entry

When you are finished entering information for a phonebook entry:

Press	To
DONE (⊙)	store the entry and return to the phonebook list

Recording a Voice Name For a Phonebook Entry

You can record a voice name when you create a new phonebook entry, or when you edit a previously stored phonebook entry. This lets you use voice dial to call the number without dialling (see "Voice Dial" on page 92).

Note: *You cannot record a voice name for an entry stored on a SIM card.*

Tip: Make your voice recording in a quiet location. Hold the phone about four inches (10 centimetres) from your mouth, and speak directly into the phone's microphone in a normal tone of voice.

Find the Feature M > Phonebook

Do This		To
1	Press ◂◆▸	scroll to the entry that needs a voice name
2	Press VIEW (⊙)	display the entry's detailed view
3	Press EDIT (⊙)	edit the phonebook entry
4	Press ◂◆▸	scroll to Voice Name
5	Press RECORD (⊙)	begin the recording process The phone displays Press Voice key then say name.
6	Press and release the voice key on the right side of your phone and say the entry's name (in two seconds)	record the voice name The phone displays Press Voice Key then REPEAT name.
7	Press the voice key and repeat the name	confirm the voice name The phone displays Trained: Voice Name.

Dialling a Phonebook Entry

You can use the phonebook list, voice dial, speed dial, or 1-touch dial to call a number stored in your phonebook. To use

speed dial, see "Dialling With Speed Dial" on page 42. To use 1-touch dial, see "Dialling With 1-Touch Dial" on page 43.

Phonebook List

To call a number in the phonebook list:

Find the Feature M > Phonebook

Press	To
1	scroll to the entry you want to call
2	make the call

Voice Dial

To call a number using voice dial:

Do This	Result
Press and release the voice key on the right side of your phone and say the entry's name (in two seconds).	Your phone goes to the entry in the phonebook list, repeats the voice name, waits two seconds, then automatically dials the call

Editing a Phonebook Entry

You can edit a phonebook entry stored on your phone or the SIM card.

Notes:

- *If you change an entry's speed dial number, the entry is moved to the new speed dial location and the original entry is deleted. Entries with a speed dial number from 1 to 500 are stored on the phone. Entries with a speed dial number of 501 or higher are stored on the SIM card.*
- *You can also use the following procedure to edit a fixed dial entry by scrolling to and selecting* Fixed Dial.

Find the Feature M > Phonebook

Press	To
1 ◂◆▸	scroll to the entry you want to edit
2 VIEW (•)	display the entry's detailed view
3 EDIT (•)	edit the phonebook entry

Edit a phonebook entry or fixed dial entry by following the procedures described in "Storing a Phonebook Entry" on page 88.

Deleting a Phonebook Entry

To delete a phonebook entry:

Find the Feature M > Phonebook

Press	To
1 ◂◆▸	scroll to the entry you want to delete
2 M	open the Phonebook Menu

Press		To
3	◂⊙▸	scroll to Delete
4	SELECT (⊙)	select Delete
5	YES (⊙)	confirm the deletion

Copying Phonebook Entries Between the Phone and SIM Card

You can copy one or more phonebook entries from your phone to the SIM card or from the SIM card to your phone.

Notes:

- *This procedure copies the original entry to a new location. It does not delete the original entry.*
- *The SIM card cannot store* Type *and* Voice Name *data for entries. If you try to copy an entry with a type or voice name to the SIM card, the phone asks you for confirmation before dropping this information and copying the entry.*

Copy a Single Entry

To copy a single phonebook entry from your phone to your SIM card or from the SIM card to your phone:

Find the Feature M > Phonebook

Press	To
1 ◂◆▸	scroll to the entry you want to copy ***Note:*** *Entries with a speed dial number from 1 to 500 are stored on the phone. Entries with a speed dial number of 501 or higher are stored on the SIM card.*
2 M	open the **Phonebook Menu**
3 ◂◆▸	scroll to **Copy Entry**
4 SELECT (⊙)	select **Copy Entry** The phone displays the **Copy To** form, with the next available speed dial number.
5 keypad keys	edit the speed dial number on the **Copy To** form.
6 OK (⊙)	approve the copy to the speed dial number The phone displays the **Stored** message. You can now delete the old phonebook entry, if desired.

Copy Multiple Entries

To copy multiple phonebook entries from your phone to your SIM card or from the SIM card to your phone:

Find the Feature M > **Phonebook**

Press	To
1 M	open the Phonebook Menu
2 ◂◆▸	scroll to Copy Entries
3 SELECT (⊙)	select Copy Entries The phone displays the Copy Entries form.
4 ◂◆▸	scroll to From (start)
5 CHANGE (⊙)	select From (start)
6 keypad keys	enter the first (lowest) speed dial number in the range of entries that you want to copy ***Note:*** *Entries with a speed dial number of 1 to 500 are stored on the phone. Entries with a number of 501 or higher are stored on the SIM card.*
7 OK (⊙)	store the number and return to the Copy Entries form
8 ◂◆▸	scroll to From (end)
9 CHANGE (⊙)	select From (end)
10 keypad keys	enter the last (highest) speed dial number in the range of entries that you want to copy
11 OK (⊙)	store the number and return to the Copy Entries menu
12 ◂◆▸	scroll to To (start)
13 CHANGE (⊙)	select To (start)

Press		To
14	keypad keys	enter the first (lowest) new speed dial number for the entries' new location
15	OK (⊙)	store the number and return to the Copy Entries menu
16	DONE (⊙)	copy the entries The phone displays the Copied Entries message. You can now delete the old entries, if desired.

Checking Phonebook Capacity

You can check your phonebook's capacity to see how much space is left for storing phonebook entries on your phone and on your SIM card. For entries stored on the phone, your phone displays a memory meter that shows how much memory space remains to store phonebook and datebook entries. For the SIM card, your phone lists the number of phonebook entries used and the number available.

To check the phonebook capacity for your phone or SIM card:

Find the Feature M > Phonebook

Press		To
1	M	open the Phonebook Menu
2	◇	scroll to Phone Capacity or SIM Capacity

Press	To
3 SELECT (⊙)	select Phone Capacity or SIM Capacity Your phone displays the phone memory meter, or the number of SIM card phonebook entries available.

Synchronising with TrueSync Software

You can synchronise phonebook entries between your phone and computer or hand-held device with Starfish TrueSync® software, a Motorola accessory product. See the TrueSync user guide for more information.

Note: *TrueSync software is designed to synchronise with basic features of many popular Personal Information Management (PIM) software and hardware products.*

Setting Up the Phonebook

You can specify the sort order for your phonebook entries and the location of your 1-touch dial entries.

Phonebook List Sort Preference

You can set up your phone to sort your phonebook list by speed dial number (the standard), name, or voice dial.

Tip: The voice dial sort is identical to the name sort, except that the entries with voice name tags appear first.

Find the Feature M > Phonebook

Press	To
1 M	open the Phonebook Menu
2 ◂◆▸	scroll to Setup
3 SELECT (⊙)	select Setup
4 ◂◆▸	scroll to Sort by
5 CHANGE (⊙)	select Sort by
6 ◂◆▸	scroll to the entry you want
7 SELECT (⊙)	select the entry you want

1-Touch Dial Preference

Your phone lets you specify whether your 1-touch dial entries are located on the phone or the SIM card:

Find the Feature M > Settings > Other Settings > Initial Setup

Press	To
1 ◂◆▸	scroll to One-Touch Dial
2 CHANGE (⊙)	select One-Touch Dial
3 ◂◆▸	scroll to the list you want
4 SELECT (⊙)	select the list you want

Datebook

The datebook is a calendar that lets you schedule and organise events such as appointments and meetings. You can review your schedule of events for the week or by the day, and have the datebook play a reminder alarm for specific events.

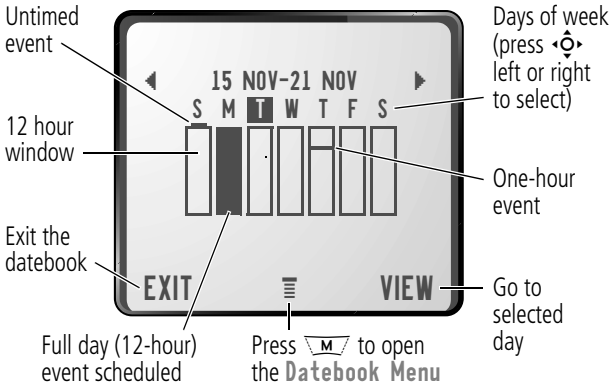
Note: *You must set the correct time and date in order to use the datebook. Use the* **Time and Date** *feature (see page 76) to set the time and date.*

To schedule or review events in the datebook:

Find the Feature M > **Datebook**

Week View

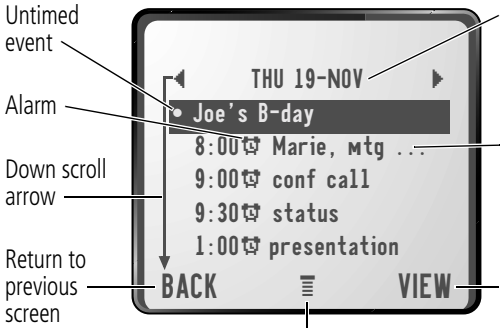
When you open the datebook, your phone displays a calendar for the week. Lines or filled boxes under each day indicate that events have been scheduled.



Datebook

Day View

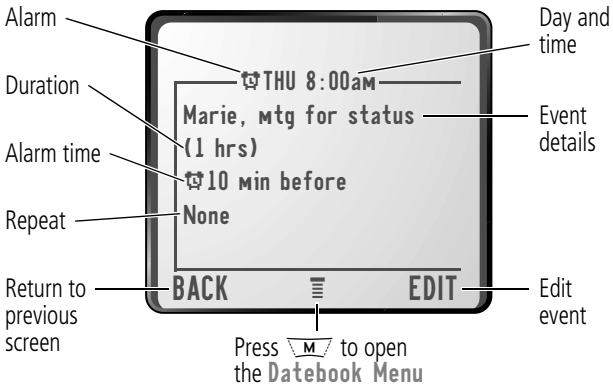
Select a day in the week view and press VIEW (⊙) to see the day's events. You can store, edit, view, copy, and delete any event from the day view.



Datebook

Event View

Select an event in the day view and press VIEW (⊙) to open the detailed event view. You can edit, copy, and delete events from the event view.



Storing a New Event

A title is required for a datebook event. All other information is optional.

Find the Feature M > Datebook > day
M > New

See "Selecting a Feature Option" on page 52 for instructions on scrolling to and selecting options.

Press	To
1 CHANGE (⊙)	select Title

User.Guide.GSM.book Page 103 Wednesday, July 11, 2001 5:07 PM

Press	To
2 keypad keys	enter a title for the event (see "Entering Text" on page 56)
3 OK (⊙)	store the event title
4 ◂◆▸	scroll to other fields and enter information as necessary Other fields let you enter start time, duration, date, repeating events, and reminder alarm.
5 DONE (⊙)	store the new event and return to the day view

Changing Event Information

To change information about an existing event:

Find the Feature M > Datebook

Press	To
1 ◂◆▸ left or right	scroll to the scheduled event day
2 VIEW (⊙)	display the day view
3 ◂◆▸	scroll to the event you want to change
4 VIEW (⊙)	display the event view
5 EDIT (⊙)	edit the event
6 ◂◆▸	scroll to the detail you want to change
7 CHANGE (⊙)	edit the information

Press	To
8 keypad keys	enter the new information
9 DONE (⊙)	store the information and return to the day view

Copying an Event

To copy information from a current event to a new event:

Find the Feature M > Datebook

Press	To
1 ◇ left or right	scroll to the scheduled event day
2 VIEW (⊙)	display the day view
3 ◇	scroll to the event to copy
4 M	open the Datebook Menu
5 ◇	scroll to Copy
6 SELECT (⊙)	copy the event
7 YES (⊙)	confirm the copy Your phone assumes that you want to change the date, and displays the Date field.
8 keypad keys	enter the date information
9 ▶ (⊙) **or** ◇ to the right	move to the month, day, and year

Press	To
10 DONE ( )	save the copy of the event
11	scroll to event details and edit the information as necessary
12 DONE ( )	return to the day view

Deleting an Event

Find the Feature M > Datebook

Press	To
1 left or right	scroll to the scheduled event day
2 VIEW ( )	display the day view
3	scroll to the event to delete
4 M	open the Datebook Menu
5	scroll to Delete
6 SELECT ( )	select Delete For non-repeating events, go to step 7. For repeating events, the phone displays a delete event menu:
a	scroll to This Event Only or Repeat Events
b SELECT ( )	select the event(s) to delete
7 YES ( )	confirm the deletion The phone briefly displays a Deleted: message and returns you to the day view.

Radio

You can use your phone to tune, store presets, and listen to FM radio stations when the optional Motorola Original™ FM Stereo Radio Headset accessory is plugged into the phone's accessory connector port.

Turning the Radio On and Off

Press	To
Radio (⊙)	turn the radio on and off

Alternatively, you can use the following procedure:

Press	To
1 M	open the menu
2 ◇	scroll to Radio
3 On (⊙) or Off (⊙)	turn the radio on or off

Note: *The* Radio *(⊙) soft key option and* Radio *menu feature are displayed only when the FM Stereo Radio Headset is plugged into the accessory connector port.*

Radio

Tuning a Station

Do This	To
Press ◂◆▸	scroll up or down to the next frequency
or	
Press and hold ◂◆▸	scroll up or down to the next available stereo station

Storing a Preset

To store a station to a preset that you can recall later:

Do This	To
Press and hold a number key (1 to 9)	assign its preset number to the tuned station

Selecting a Preset

To select a preset radio station:

Press	To
a number key (1 to 9)	tune the station stored at that preset location

Making and Receiving Calls With the Radio On

Your phone interrupts the radio signal and rings or vibrates as usual to notify you of an incoming call, message, or other event. When you receive a call:

Do This	To
Press IGNORE ( )	ignore the call
Press ANSWER ( ) **or** Press the button on the FM Stereo Radio Headset microphone	answer the call ***Note:*** *You can use the FM Stereo Radio Headset microphone to converse with the other party during a call*

To end the call and resume the FM broadcast:

Do This	To
Press **or** Press and hold the button on the FM Stereo Radio Headset microphone	end the call

Turn the radio off before dialling outgoing calls from the phone keypad. You do not have to turn off the FM radio feature to dial emergency numbers, or numbers selected from your phonebook or other lists.

Tip: To dial a recently called number, press or the button on the FM Stereo Radio Headset microphone to go to the dialled calls list. For more information, see "Recent Calls" on page 80.

Messages—Voicemail

You can listen to your voicemail messages by calling your network voicemail phone number. Voicemail messages are stored on the network - not on your phone. Contact your service provider for more details.

Storing Your Voicemail Number

Store your voicemail number in your phone to make it faster and easier to use voicemail. Your voicemail number is provided by your service provider.

Find the Feature M > Messages
M > Voicemail Setup

Press	To
1 keypad keys	enter the phone number for your voicemail
2 OK (⊙)	store the number

Receiving a New Voicemail Message

When you receive a voicemail message, your phone displays New voicemail ✉. (Some networks only indicate when you have messages, whether they are new or not.) If reminders are turned on, your phone sends a reminder every five minutes until you close the new message notification, listen to the message, or turn off your phone. (See "Reminders" on page 146.)

Messages—Voicemail

From the new message notification:

Do This	To
Press CALL (⊙)	call your voicemail phone number and listen to the message

Listening to a Voicemail Message

To listen to your voicemail messages at any time:

Find the Feature M > Messages > Voicemail

Your phone calls the voicemail phone number you stored. If you do not have a voicemail number stored, the phone guides you through storing a number.

Messages—Text

Text messages are brief messages that you can send and receive (such as Where are we meeting?). Received messages appear on your phone display or in your text message inbox.

You must set up the text message inbox before you can send and receive these messages. The total number of messages the inbox can hold depends on the length of the messages, and the number of other messages and drafts stored in your phone.

Note: *Your service provider may have already programmed the text message inbox settings for you.*

Setting Up the Text Message Inbox

Find the Feature M > Messages
M > Text Msg Setup

Press	To
1 ◂◆▸	scroll to Srvce Centre No.
2 CHANGE (⊙)	change the Srvce Centre No. which is provided by your service provider
3 keypad keys	enter the phone number for the service centre that handles your outgoing messages
4 OK (⊙)	store your service centre number
5 CHANGE (⊙)	change the Expire After period
6 keypad keys	enter the expiry period - the number of days your network tries to send unreceived messages

Press		To
7	OK (⊙)	store the expiry period
8	CHANGE (⊙)	change the Reply Type
9	◁◇▷	scroll to the default type of replies you want to send - text messages, or other formats
10	OK (⊙)	store the reply type
11	CHANGE (⊙)	change the Cleanup setting
12	◁◇▷	scroll to the period of time that messages stay in your inbox
13	SELECT (⊙)	select the cleanup period If you select Custom, continue. Otherwise, the procedure is complete.
14	◁◇▷	change the entry for the number or label
15	◁◇▷ left or right	switch between the number and the label
16	DONE (⊙)	store the custom cleanup period after you finish entering all information

Messages—Text

Receiving a Text Message

Note: *You must set up the text message inbox before you can receive text messages. See "Setting Up the Text Message Inbox" on page 111.*

When you receive a new message, your phone displays **New Message** ✉ and gives an alert. If reminders are turned on, your phone sends a reminder every five minutes until you close the new message notification, read the message, or turn off your phone. (See "Reminders" on page 146.)

When your inbox is full, any new message replaces the oldest unlocked message.

From the new message notification:

Press	To
READ (✓)	open the message (or your text message inbox if there are multiple messages)

Reading, Locking, or Deleting a Text Message

You can open your text message inbox to read, lock, or delete messages at any time.

Messages in the text message inbox are sorted from newest to oldest. The oldest messages are deleted as new ones are added. If you want to save a message, you should lock it to prevent it from being overwritten as new messages are received.

Messages—Text

Find the Feature M > Messages > Text Msgs

Press	To
1 ◇	scroll to the message you want (✉! = unread and urgent, n = read, 🔒 = read and locked)
2 READ (•)	open the message
3 SAVE (•)	close the message without changes
or	
DELETE (•)	delete the message
or	
M	open the Text Msg Menu to perform other procedures as described in the following list

The Text Msg Menu includes the following options:

Option	Description
Call Back	Call the number in the message header or the message text.
Go To	Go to a Web address (URL) in the message.
Reply	Open a new text message, with the message's Reply To number in the To field.
Forward	Open a copy of the text message, with an empty To field.

Option	Description
Lock/Unlock	Lock or unlock the message.
Store Number	Open a new phonebook entry with the message's embedded number in the No. field.
Delete or Delete All	Delete the message or all inbox messages. Press YES (⊙) to confirm the deletion.
Create Message	Open a new text message form.
Setup	Open the inbox setup menu.

Sending a Text Message

You can create and send a text message to one or more recipients. The text message feature lets you manually enter each recipient's phone number, or select one or more numbers from the phonebook or recent calls list.

Note: *When you manually enter multiple phone numbers in the* To *field, you must insert a space between each number. Press and hold* 1 *to insert a space as needed:*

Find the Feature M > Messages
M > Create Message

Press	To
1 CHANGE (⊙)	select To

Messages—Text

Press	To
2 keypad keys	enter the phone number where you want to send the message **Tip:** Remember to press and hold 1 to add a space between numbers that you enter manually.
or BROWSE (⊙)	select one or more phone numbers from the phonebook or recent calls lists
3 OK (⊙)	store the number(s)
4 CHANGE (⊙)	select Msg
5 keypad keys	enter the text message (see "Entering Text" on page 56) ***Note:*** *Message length is limited. When 40 or fewer characters remain, a two-digit counter at the top of the display shows how many are left.*
6 OK (⊙)	store the text message
7 DONE (⊙)	finish the message Your phone displays Send Message Now?
8 YES (⊙)	send the message
or NO (⊙)	cancel the message or save it as a draft A saved message is stored in the drafts folder, where you can edit it and send it at a later time.

Sending a Quick Note Text Message

Quick notes are short, pre-written text messages that you can create, select, edit, and send quickly (for example, Meet me at ...).

To send or save a quick note message:

Find the Feature M > Messages > Quick Notes

Press	To
1 ◁◇▷	scroll to the quick note
2 M	open the Quick Note Menu to perform other procedures as described in the following list

The Quick Note Menu includes the following options:

Option	Description
Create Message	Open an editor where you can create a new quick note. Enter text and press OK (⊙) to save it as a quick note.
Edit	Open an editor where you can edit the selected quick note. Edit the quick note text and press OK (⊙) to save your changes.
Delete	Delete the selected quick note.

Option	Description
Send	Open a new message, with the selected quick note text in the Msg field. Complete the other fields in the message (for details, see "Sending a Text Message" on page 115). To send the quick note to multiple recipients, enter multiple phone numbers in the To field as decribed in step 2 of the procedure "Sending a Text Message" on page 115.

Viewing the Status of Sent Text Messages

Text messages that you send are stored in the outbox. To view the contents of your outbox:

Find the Feature M > Messages > Outbox

Messages are sorted from newest to oldest.

The following icons indicate message status:

» = Sending in progress ✉ = delivered

✕ = Sending failed

Shortcuts

Your phone includes several pre-programmed shortcuts. You can create additional shortcuts, if you like, to mark frequently used menu items.

Standard Shortcuts

The following shortcuts are pre-programmed in your phone. You cannot edit or delete these shortcuts.

Do This	To
Press M, then press and hold M (within two seconds)	zoom in/out your phone's display view (See "Changing the Zoom Setting" on page 36.)
Press M *	lock/unlock your keypad
Press M #	display your phone number
Press	go to the dialled calls list (See "Recent Calls" on page 80.)
Press	exit the menu system, return to the idle display

User-Settable Shortcuts

You can create shortcuts to many menu features and applications. A shortcut takes you directly to the menu item, or performs the menu action (if applicable).

Shortcuts

Creating a Shortcut

You can assign a keypad shortcut, or both a keypad shortcut *and* a voice shortcut to a menu item.

A voice shortcut lets you go directly to a menu item by saying its shortcut name.

Tip: Make your voice recording in a quiet location. Hold the phone about 10 centimetres from your mouth, and speak directly into the phone's microphone in a normal tone of voice.

Do	This	To
1	Press M	enter the menu system
2	Scroll to the item to which you want to assign a shortcut	highlight the menu item
3	Press and hold M	open the shortcut editor The phone displays: Assign Shortcut for: "*Item*"? where *Item* is the name of the item you selected.
4	Press YES (•)	view shortcut options

Do This		To
5	Press CHANGE (⊙)	change the keypad shortcut number, if necessary
	or	
	Press DONE (⊙)	select the default keypad shortcut number and close the shortcut editor if you do not want to assign a voice shortcut
	or	
	Press ⊕	scroll to Voice if you want to assign a voice shortcut
6	Press RECORD (⊙)	begin the recording process The phone displays Press Voice key then say voice shortcut.
7	Press and release the voice key on the right side of your phone and say the shortcut's name (in two seconds)	record the shortcut name The phone displays Press Voice key then REPEAT voice shortcut.
8	Press and release the voice key and repeat the name	confirm the shortcut name The phone displays Trained: Voice Shortcut
9	Press DONE (⊙)	close the shortcut editor

Shortcuts

Using Shortcuts

You can use a shortcut from the idle display, while on a call, or while scrolling through a menu.

Use a Keypad Shortcut

If you know the shortcut number:

Press		To
1	M	open the menu
2	the shortcut's number	go to the menu item, or perform the menu action

Select a Shortcut From the List

To select a shortcut from the shortcut list:

Find the Feature M > Shortcuts
> *the shortcut you want*

Use a Voice Shortcut

To use a voice shortcut:

Do	This	To
1	Press M	open the menu
2	Press and release the voice key on the right side of your phone and say the shortcut's name (in two seconds)	go to the menu item, or perform the menu action

Voice Notes

The voice note feature lets you record personal messages or phone calls. You can play back a voice note at any time. There are no pre-recorded voice notes on your phone.

Recording a Voice Note

Use this procedure to record a voice note when the idle display is visible, or use it during a phone call to record the call. Your phone plays an alert tone to notify the other party that the call is being recorded.

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

Tip: Make your voice recording in a quiet location. Hold the phone about 10 centimetres from your mouth, and speak directly into the phone's microphone in a normal tone of voice.

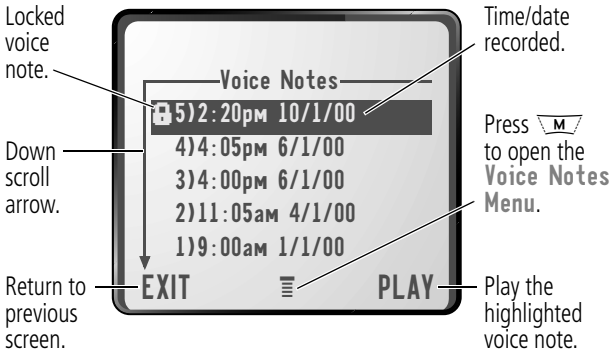
Do	This	Result
1	Press and hold the voice key on the right side of your phone for the duration of the recording.	A tone sounds in the earpiece and the phone displays the **Recording Voice Note** message.
2	Speak your voice note into the phone while continuing to hold the voice key.	The phone records the message and displays a recording timer.
3	Release the voice key to stop recording.	The phone displays the voice notes list number and the total recording time.

Voice Notes

Viewing the Voice Notes List

The voice notes list shows all your voice notes along with other important information and features.

Find the Feature M > Voice Notes



New Voice Note appears at the end of the list or by itself if no voice notes are stored. Select New Voice Note to view instructions on how to record a new voice note.

Voice Notes

Playing a Voice Note

To play a recorded voice note:

Find the Feature M > Voice Notes

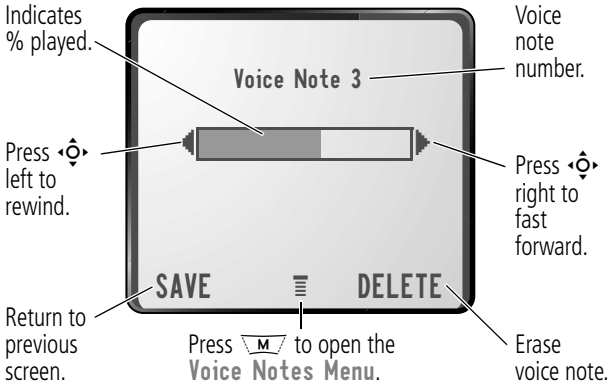
Press	To
1 ◂◆▸	scroll to the voice note
2 PLAY (⊙)	play the voice note

When an optional Motorola Original™ headset accessory or FM Stereo Radio Headset accessory is connected to your phone, voice note playback is automatically routed to the headset.

Tip: You can play a voice note while taking a call. It won't be transmitted to the other party.

Playback Screen

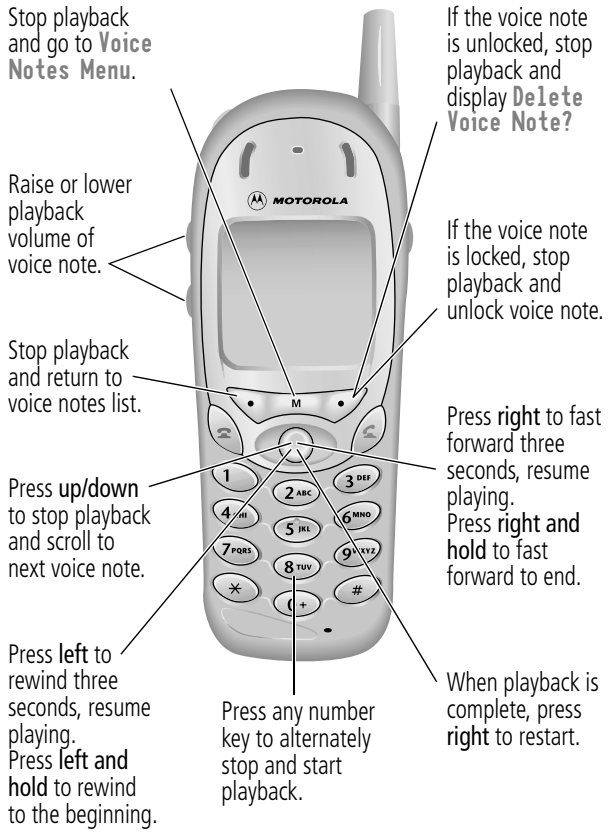
While the voice note is playing, the playback screen is displayed.



Voice Notes

Voice Note Controls

While playing back a voice note, press these keys to do the following:



Voice Notes

Locking and Unlocking a Voice Note

You can prevent a voice note from being accidentally deleted by locking it. To delete a locked voice note, you must first unlock it.

Find the Feature M > Voice Notes

Press	To
1 ◂◆▸	scroll to the voice note you want to lock or unlock
2 M	open the Voice Notes Menu
3 ◂◆▸	scroll to Lock or Unlock
4 SELECT (•)	lock or unlock the voice note

You can also lock or unlock a voice note while playing it back. When the playback screen is displayed:

Press	To
1 M	open the Voice Notes Menu
2 ◂◆▸	scroll to Lock or Unlock
3 SELECT (•)	lock or unlock the voice note

Playback stops when you lock or unlock a voice note. Press any number key to resume playback.

Voice Notes

Deleting a Voice Note

You can delete a single unlocked voice note or all unlocked voice notes. To delete a locked voice note, you must first unlock it. See "Locking and Unlocking a Voice Note" on page 127.

Find the Feature M > Voice Notes

Press	To
1 ◇	scroll to the voice note you want to delete
2 M	open the Voice Notes Menu
3 ◇	scroll to Delete or Delete All
4 SELECT (•)	select the highlighted option The phone displays Delete Voice Note X?, or Delete All Voice Notes?
5 YES (•)	delete the selected voice note, or delete all voice notes

Notes:

- *You can always press* NO (•) *to cancel deletion.*
- *A deleted voice note cannot be recovered.*

Micro-Browser

The micro-browser lets you access Web pages on your phone. Contact your service provider to set up access, if necessary.

Note: *Your phone may be configured to use a high speed GPRS (General Packet Radio Service) network connection. This type of connection can be identified by a GPRS indicator in the idle display that disappears when you start a micro-browser session. If a (connected call) indicator is displayed when you start a micro-browser session, your phone is using a standard voice channel connection. Your network connection charges may vary depending on the type of connection used.*

Starting a Micro-Browser Session

To open the micro-browser:

Find the Feature M > Browser

The micro-browser displays the home page set up by your service provider.

Press	To
1 ◁◇▷	scroll to a bookmark or service
2 SELECT (⊙)	select the service

Shortcut: If you open a text message with a Web address (URL) in it, you can go directly to the URL by selecting M > Go To.

If you are unable to establish a network connection with the micro-browser, contact your service provider.

Micro-Browser

Interacting With Web Pages

You can perform the following operations on a Web page:

Do This	To
Press ◂⊙▸	scroll through a text message
Press ◂⊙▸ and then SELECT (⊙)	scroll through and select items in a list
Press keypad keys and then OK (⊙)	enter requested information **Tip:** Press (*) to delete one letter at a time if you make a mistake.
Press ◂⊙▸ to scroll to a phone number on a Web page, then press (☎)	call the number from the micro-browser
Press (*)	go back to the previous Web page
Press [M]	open the Browser Menu

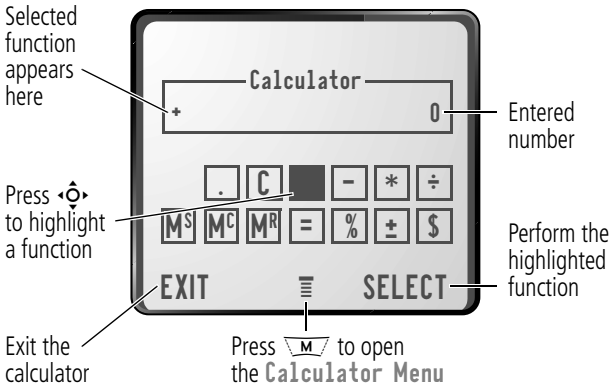
Calculator

You can use your phone as a convenient calculator and currency converter.

Calculating Numbers

Find the Feature M > Calculator

Press	To
1 number keys	enter a number in the calculator
2 ◂◆▸	highlight a calculator function
3 SELECT (⊙)	perform the highlighted function



Calculator

The calculator can perform the following functions:

Function	Description
.	Insert a decimal point
C	Clear the calculation
CE	Clear entry (replaces the C function when you enter subsequent values in a calculation)
+	Add
–	Subtract
x	Multiply
÷	Divide
MS	Store the current value in memory (overwrites values already stored)
MC	Clear the value stored in memory
MR	Replace the displayed value with the value stored in memory
=	Calculate the result
%	Divide the displayed value by 100
±	Change the entry's sign (positive/negative)
$	Calculate the exchange rate

Calculator

Converting Currency

The currency converter works just like the calculator, but uses the $ (currency) function:

Find the Feature M > Calculator
M > Exchange Rate

Press	To
1 number keys	enter the exchange rate
2 OK (⊙)	store the exchange rate
3 number keys	enter the amount to convert (amount to multiply by the exchange rate)
4 ◁◇▷	highlight the $ function
5 SELECT (⊙)	perform the conversion

Games

Your phone contains three games that you can play between phone calls. If you get an incoming call, message, alarm, or alert, the game ends automatically.

Selecting and Starting a New Game

Find the Feature (M) > Games

Press	To
1 ◇	scroll to the game of your choice
2 SELECT (•)	start the game

When the game is over, you can play another session of the same game or return to the games menu.

Press	To
BACK (•) or NO (•)	return to the games menu
NEW (•) or YES (•)	start another session of the game you just played

Ending a Game

You can end the game at any time.

Press	To
BACK ( ) or	end the game session and return to the games menu

Playing the Games

Blackjack

In this classic Las Vegas card game, you play against the dealer to see who can get closer to 21 points without going over.

Rules of the game

- With each new hand, the first card is dealt to the dealer. The dealer's cards are shown at the top of the display, and your cards are shown at the bottom.
- All face cards count as 10 points.
- All number cards count as the points shown on their face.
- An Ace counts as 11 points, unless that would put you over 21 points. Otherwise, an Ace is counted as 1 point. An Ace that was originally counted as 11 may later be counted as 1 point if it will bring your points under or equal to 21 points.
- An initial deal of an Ace and a card with a face value of 10 points counts as exactly 21 points or Blackjack.
- Blackjack automatically wins against any other hand that totals 21 points.

- If you score more than 21 points, you go "bust" or lose.
- If you get five cards without going bust, you win.
- If you and the dealer have the same score, the dealer wins.
- You can ask for a "hit" or another card as long as you do not go bust.
- As long as the dealer's total is less than 17 points, the dealer must continue to take a hit.

How to Play

When the game begins, you are dealt two cards. Based on their total face value, you can:

Press	To
STAY ( )	see the results of the hand
HIT ME ( )	request another card

Mindblaster

Your goal is to guess a secret four-symbol code. You play by entering symbols into four spaces and then submitting a guess.

Rules of the Game

- Your score is the number of guesses it takes to reveal the secret code.
- When you submit a guess, you are given clues that indicate how many symbols you have identified correctly and how many are in the correct position. The position of the clues does not correspond to the location of the symbols.

  ■ = correct symbol in correct position

▫ = correct symbol in wrong position

- You can see a history of your last 10 guesses.
- Once you enter a symbol into a blank space, you can change the symbol but you cannot make the space blank again.
- When you correctly guess the four-symbol code, the display shows your score and the level of your next game.
- After you win one game, you progress from level 1 to level 2.
- After you win two more games, you progress from level 2 to level 3.
- When you exit the game or turn off the phone, you begin again at level 1.

How to Play

When the game begins, you see four blank spaces. To play the game:

Do This	To
Press ‹◇› left or right	move from space to space
Press ‹◇› up or down	place a symbol in a space
Press GUESS (⊙)	submit a guess (when all four spaces contain symbols)
Select ⬍ and then press ‹◇› up or down	scroll through and view a history of your last 10 guesses

Games

Paddleball

In this test of endurance, your mission is to move your paddle to strike a bouncing ball. The more you succeed, the smaller your paddle gets.

Rules of the game

- Your score is the number of times your paddle hits the ball.
- You lose when the paddle misses the ball and the ball hits the wall.

How to play

Press	To
◂◆▸ up or down	move your paddle so that it hits the bouncing ball

Adjusting Your Settings

You can adjust a wide variety of phone settings to suit your needs.

Ring/Vibrate

Your phone rings or vibrates to notify you of an incoming call, message, or other event. This ring or vibration is called an *alert*. You can use a standard alert for all events, or set different alert types for different events. The alert setting indicator in your display shows the current standard alert setting:

	Loud ring		Soft ring
	Vibrate		Ring and vibrate
	Silent		

The alert setting indicator in your display shows the current alert profile (see illustration on page 34).

Each alert profile contains settings for ringer and keypad volume. It also includes alert tone settings for different events: incoming calls, text messages, voicemail messages, data calls, fax calls, alarms, and reminders. You can modify the settings in each profile.

Select an Alert Profile

Find the Feature M > Settings > Ring/Vibrate > Alert

Press	To
1	scroll to the alert you want to use

Press	To
2 SELECT (⊙)	select the alert The phone displays the Changed: Alert message.

Customise an Alert Profile

You can customise a profile by changing the alerts used for specific events (such as incoming calls, text messages, etc.). Your phone includes a variety of preset alert tones and vibrations. Any changes you make are saved to the current alert profile.

Tip: This feature also lets you set the ringer volume and keypad volume.

Find the Feature M > Settings > Ring/Vibrate > *Alert* Detail

Press	To
1 ◇	scroll to the event for which you want to set a new alert
2 CHANGE (⊙)	select the event The phone displays the list of available alerts.
3 ◇	scroll to the alert you want for the event
4 SELECT (⊙)	select the alert The phone displays the Changed: *Event Alert* message.

Adjusting Your Settings

Use the My Tones Feature

The my tones feature lets you create up to 32 custom alert tones for your phone. The tones you create appear in the list of available alerts. (See "Customise an Alert Profile" on page 140.)

Creating a Tone

Find the Feature M > Settings > Ring/Vibrate > My Tones

Press	To
1 ◇	scoll to [New Tone]
2 SELECT (⊙)	select [New Tone]
3 CHANGE (⊙)	select Notes
4 keypad keys	enter notes for the tone (see "Entering Notes" on page 142)
5 OK (⊙)	store the notes
6 CHANGE (⊙)	select Name
7 keypad keys	enter the name for the tone
8 OK (⊙)	store the name
9 DONE (⊙)	store the tone

Adjusting Your Settings

Entering Notes

To create a new tone, use the keypad keys to enter each note. Press a key multiple times to cycle through its available notes or options (pitch, octave, or length). The default setting for a new tone is a quarter note in octave two.

Key	Phone Display	Description
1	1	set octave one
	2	set octave two
	3	set octave three
2 ABC	A	note A
	B	note B
	C	note C
3 DEF	D	note D
	E	note E
	F	note F
4 GHI	G	note G
	R	rest
7 PQRS	#	sharp
	b	flat
0+	q	quarter note or quarter rest
	h	half note or half rest
	w	whole note or whole rest

Enter a note as follows:

Task	Action
Change the octave	Set the new octave (1, 2, or 3) *before* selecting the note. The new octave applies to the note and all following notes until you change it again.
Select the note (required)	Press a keypad key to enter a note.
Change a note to a sharp or flat	Enter a sharp or flat (# or b) *after* selecting the note. Some sharps and flats are played as standard notes. For example, B# is the same as C. Press ◂◆▸ to scroll to valid notes when entering a new note.
Change a note's length	Set the new length (h, w, or q) *after* selecting the note. The new length applies to the note and all following notes until you change it again.
Add a rest	Enter one or more rests (R characters) as needed in the tone sequence. You can set the length of the rest by entering an h, w or q character after the rest, just as you can for a note.
Listen to a new tone as you compose it	Press M to enter the Compose Menu, and select Play All to play the notes you have entered.

Adjusting Your Settings

Example

Press the following keys to play this sequence of notes and rests in octave three: C (quarter note), E flat (quarter note), half rest, and G (whole note):

Press		To	Phone Display
1	1 1 1	set octave three	3
2	2 2 2	enter a quarter note C	C
3	3 3 7 7	enter a quarter note E flat	Eb
4	4 4 0 0	enter a half rest	Rh
5	4 0 0 0	enter a whole note G	Gw

Playing a Tone

Find the Feature M > Settings > Ring/Vibrate > My Tones

Press		To
1	◂◆▸	scroll to the tone you want to play
2	M	open the My Tones Menu
3	◂◆▸	scroll to Play

Press	To
4 SELECT (⊙)	select Play The phone displays the playback meter and plays the tone.
5 PLAY (⊙) or CANCEL (⊙)	play the tone again return to the my tones list

Editing a Tone

You cannot edit the standard tones included with your phone. To edit a custom tone that you created:

Find the Feature M > Settings > Ring/Vibrate > My Tones

Press	To
1 ◁⊙▷	scroll to the tone you want to edit
2 EDIT (⊙)	open the tone details
3 ◁⊙▷	scroll to the details you want to edit (Name or Notes)
4 CHANGE (⊙)	select the details you want to edit
5 keypad keys	enter new text or notes (see "Entering Notes" on page 142)
6 OK (⊙)	store the details

Deleting a Tone

You cannot delete the standard tones included with your phone. To delete a custom tone that you created:

Find the Feature M > Settings > Ring/Vibrate > My Tones

Press	To
1 ◁◇▷	scroll to the tone you want to delete
2 M	open the My Tones Menu
3 ◁◇▷	scroll to Delete
4 SELECT (⊙)	select Delete
5 YES (⊙)	confirm the deletion

Reminders

Reminders are alerts that ring or vibrate to notify you about a voicemail or text message that you have received, or a datebook event that you have scheduled.

To set or turn off reminders:

Find the Feature M > Settings > Ring/Vibrate > *Alert* Detail > Reminders

Press	To
1 ◂◆▸	scroll to the reminder alert you want: Beep, Vibrate, or Off Beep or Vibrate sets the corresponding reminder alert type. Off turns off all reminders.
2 SELECT (⊙)	select the reminder alert

Call Diverting

Call diverting sends your phone's incoming voice, fax, and/or data calls directly to another phone number. Use call diverting options to specify which calls your phone should divert. When you are ready to accept calls on your phone again, you can turn off call diverting.

Set Up or Cancel Call Diverting

The call diverting options for voice, fax, or data calls are:

All Calls	diverts all calls
If Unavailable	diverts calls if your phone is unavailable
Detailed	uses different diverting numbers if you are out of range, unable to answer, or busy (*voice calls only*)
Off	does not divert calls

Adjusting Your Settings

Find the Feature M > Settings > Call Divert

Press	To
1 ◁◇▷	scroll to the type of calls you want to divert (Cancel All cancels all call diverting and ends the procedure.)
2 SELECT (⊙)	open the call divert details for that call type
3 ◁◇▷	scroll to Divert
4 CHANGE (⊙)	change the Divert option
5 ◁◇▷	scroll to the call divert option you want
6 SELECT (⊙)	store the option
7 ◁◇▷	scroll to To (same for If Busy, If No Answer, or If Unreachable)
8 CHANGE (⊙)	change the phone number
9 keypad keys **or** BROWSE (⊙)	enter the diverting phone number browse through your phonebook or other lists for the diverting phone number
10 OK (⊙)	store the diverting phone number

Note: *You can repeat this procedure to enter diverting information for other call types.*

Adjusting Your Settings

Check Call Diverting Status

Your network may store call diverting status for you. If you change your phone's call divert settings (see "Set Up or Cancel Call Diverting" on page 147), then you should confirm that the network call divert status matches your preferences.

Find the Feature M > Settings > Call Divert > Divert Status

Press	To
1 ◂◆▸	scroll to Voice, Fax, or Data calls
2 View (•)	confirm that the network settings are correct

Reordering Menu Items

You can customise the order of the items in your phone's main menu, depending upon your usage.

Find the Feature M > Settings > Other Settings > Personalise > Main Menu

Press	To
1 ◂◆▸	scroll to the menu item you want to move
2 GRAB (•)	grab the menu item you want to move
3 ◂◆▸	move the item up or down the menu

Press	To
4 INSERT (⊙)	insert the item in the new location

Customising a Soft Key Function

You can relabel the soft keys (⊙ and ⊙) to access different main menu items from the idle display.

Find the Feature M > Settings > Other Settings > Personalise > Keys

Press	To
1 ◇	scroll to Left or Right
2 CHANGE (⊙)	open the key editor
3 ◇	scroll to the new key function
4 CHANGE (⊙)	confirm the new function The key will have the new function whenever the phone is idle.

Hands-Free Use

You can purchase an optional Motorola Original™ hands-free car kit or headset for your phone. These accessories provide alternative ways for you to use your phone without using your hands.

Note: *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.*

Adjusting Your Settings

Automatic Answer

When you activate automatic answer and connect your phone to a car kit or headset, your phone automatically answers calls after two rings.

Find the Feature M > Settings > Other Settings

Press	To
1 ◂◆▸	scroll to Car Settings or Headset
2 SELECT (⊙)	select the feature
3 ◂◆▸	scroll to Auto Answer
4 CHANGE (⊙)	select Auto Answer
5 ◂◆▸	scroll to On or Off
6 SELECT (⊙)	confirm the setting

Automatic Hands-Free

You can set up your phone to automatically route calls to a car kit when it detects a connection.

Find the Feature M > Settings > Other Settings > Car Settings > Auto Handsfree

Press	To
1 ◂◆▸	scroll to On or Off
2 SELECT (⊙)	confirm the setting

Adjusting Your Settings

Power-Off Delay

When your phone is connected to a car kit, you can set it to stay on for a specified time period after you switch off the ignition. This keeps your phone from draining your vehicle battery by staying on indefinitely, but leaves your phone on long enough that you do not have to re-enter your unlock code when you make short stops.

Find the Feature M > Settings > Other Settings > Car Settings > Power-Off Delay

Press	To
1 ◁◇▷	scroll to the time delay option you want
2 SELECT (⊙)	confirm your selection

Caution: If you select Continuous, the phone does not power off when you turn off the ignition. Be careful not to accidentally drain your vehicle battery if you select this option.

Adjusting Your Settings

Charger Time

When your phone is connected to a car kit, you can set it to charge itself for a specified time period after you switch off the ignition. This helps ensure that the phone battery gets fully charged while the vehicle is parked.

Find the Feature M > Settings
> Other Settings
> Car Settings
> Charger Time

Press	To
1 ◂◆▸	scroll to the charge time option you want
2 SELECT (⊙)	confirm your selection

Data and Fax Calls

A Motorola Original™ data kit lets you transfer data between your phone and a computer or other external device. You can:

- synchronise data between your phone and an external device with Starfish TrueSync® software, a Motorola accessory product. See the TrueSync user guide for more information.

  Note: *TrueSync software is designed to synchronise with basic features of many popular Personal Information Management (PIM) software and hardware products.*

- use your phone as a modem to connect to the Internet
- use your phone to send and receive data and fax calls on your computer or hand-held device.

Connecting Your Phone to an External Device

Connect your phone to an external device (such as a computer or hand-held device) using an Infrared Data Association (IrDA) wireless link, a serial cable, or a USB cable.

Note: *Not all devices are compatible with infrared, serial cable, or USB cable connections. Check your external device for specifications.*

Set Up a Cable Connection

Attach a serial cable or Motorola Original USB cable to the phone and external device as follows.

Note: *Check your computer or hand-held device to determine the type of cable you need.*

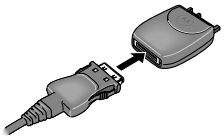
Data and Fax Calls

Attaching a Serial Cable

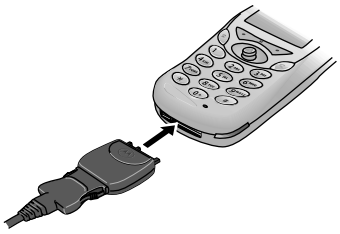
Use the interchangeable head on the Motorola Multi-Connect Serial Cable to connect a computer, Palm III device, or Palm V device to your phone.

Do This

1 Plug the serial cable into the detachable head. Make sure that the Motorola logo on the detachable head and the metal shielding on the serial cable plug are both facing you.



2 With the Motorola logo and the phone both facing you, plug the detachable head into the phone's accessory connector port.



3 Plug the other end of the cable into the serial interface connection on the external device and tighten the screws.

Attaching a USB Cable

Do This

1 Plug the end of the cable with the Motorola logo into the phone's accessory connector port. Make sure that the logo and the phone are both facing you.

2 Plug the other end - the USB connection - into the USB port on the external device.

Establish an Infrared Connection

Use the following procedure to connect your phone to an external device using an infrared data link. You cannot use this feature when a serial cable or USB cable is attached to your phone. This phone is classified as a Class 1 LED product and is considered safe under reasonable use.

Important: In order to create and maintain an infrared connection, your phone must be within 30 centimetres of the other device. Nothing can block the line of sight between the two devices.

Find the Feature M > Settings > Connection > IrDA Link

Press	To
START (⊙)	activate the infrared link The phone displays the IrDA Link connecting message for five minutes or until the link is established. When the link has been established, the phone displays the IRDA link is active message.

If the phone does not find an infrared-capable device, it displays the IrDA Link failed. Retry Now? message.

Press	To
YES (⊙)	try another connection

Break an Infrared Connection

You can break the infrared data connection by moving the device away from the phone, turning off the device, or turning off the phone.

Install the Software

Install the software from the CD-ROM that comes with your Motorola Original data kit. See the data kit's user guide for more information.

Data and Fax Calls

Sending a Data or Fax Call

You can connect your phone to a computer or hand-held device to send data or a fax from the connected device.

Use this feature to transfer data from your computer onto another device, and to synchronise phonebook and datebook information between your phone, computer, and/or hand-held device.

Connect your phone (see "Connecting Your Phone to an External Device" on page 154) and do the following:

Do	This	To
1	Check the phone	make sure that the phone is connected and powered on
2	Open the application on your computer	place the call through the application (such as dial-up-networking or fax) ***Note:*** *You cannot dial data or fax numbers through your phone's keypad. You must dial them through your computer.*
3	End the transfer on your computer	close the call and connection when the transfer is complete

Receiving a Data or Fax Call

You can connect your phone to a computer or hand-held device to receive data or a fax.

Use this feature to transfer data to your computer from another device.

Data and Fax Calls

Transfer the Data or Fax

Connect your phone (see "Connecting Your Phone to an External Device" on page 154).

Your phone notifies you when the data or fax call arrives, and transfers the call to the connected device. You must use the application running on the connected device to answer the call.

End the Data/Fax Connection

When the data or fax transfer is complete:

Do This	To
End the call from the connected device	close the connection

Data and Fax Calls

Sending a Talk then Fax Call

You can place a call where you talk and then send a fax to the same phone number within the same call.

Connect to the device that will send the fax (see "Connecting Your Phone to an External Device" on page 154) and do the following:

Press		To
1	keypad keys	enter the phone number for the call
2	M	open the Dialling Menu
3	◁◇▷	scroll to Talk then Fax
4	SELECT (⊙)	select Talk then Fax (for the next call only)
5	☎	dial the call Speak and, when ready, initiate the fax transfer on the connected device. When transfer is complete, end the call from the connected machine.

Security

Assigning a New Code or Password

Your phone's four-digit unlock code is originally set to 1234, and the six-digit security code is originally set to 000000 at the factory. Your service provider may reset these numbers before you receive your phone.

If your service provider has not reset these numbers, we recommend that you change them to prevent other users from accessing your personal information or modifying your phone settings. The unlock code must contain four digits, and the security code must contain six digits. Be sure to make a note of the new numbers.

Notes:

- *Your service provider may retain your phone's security code for customer service purposes. In this case, you will not be able to use phone features that require you to enter the security code (such as master clear, master reset, and the unlock code bypass feature).*
- *If the only password you can change is the unlock code, the* New passwords *menu is unavailable and the* Unlock Code *option appears on the* Phone Lock *menu. In this case, open the unlock code editor by selecting:* M > Settings > Security > Phone Lock > Unlock Code.

To change a code or password:

Find the Feature M > Settings > Security > New passwords

Press	To
1 ‹◇›	scroll to the code or password you want to change
2 CHANGE (⊙)	select the code or password
3 keypad keys	enter your old code If you do not know your code, see "If You Forget a Code or Password" on page 162.
4 OK (⊙)	submit your old code
5 keypad keys	enter the new code
6 OK (⊙)	assign the new code
7 keypad keys	re-enter the new code
8 OK (⊙)	confirm the new code

If You Forget a Code or Password

If you forget your security code (originally set to 000000), SIM PIN, SIM PIN2, or call barring password, contact your service provider.

If you forget your unlock code, try entering 1234 or the last four digits of your phone number. If that does not work, do the following when you see the **Enter Unlock Code** message:

Press	To
1 M	go to the unlock code bypass screen
2 keypad keys	enter your security code
3 OK (⊙)	submit your security code

Security

Locking and Unlocking Your Phone

You can lock your phone manually or set your phone to lock automatically whenever you turn it off.

When you try to use a locked phone, it asks you to enter the unlock code. A locked phone still rings or vibrates for incoming calls or messages, but you must unlock it to answer.

You can make emergency calls on your phone even when it is locked. See "Dialling an Emergency Number" on page 41.

Lock Your Phone Manually

Find the Feature M > Settings > Security > Phone Lock > Lock Now

Press	To
1 keypad keys	enter your four-digit unlock code
2 OK (⊙)	lock the phone

Set Your Phone to Lock Automatically

You can set your phone to lock every time you turn it off:

Find the Feature M > Settings > Security > Phone Lock > Automatic Lock > On

Press	To
1 keypad keys	enter your four-digit unlock code
2 OK (⊙)	set the phone to lock automatically

Security

Unlock Your Phone

At the **Enter Unlock Code** prompt:

Press	To
1 keypad keys	enter your four-digit unlock code The unlock code is originally set to 1234. If necessary, see "If You Forget a Code or Password" on page 162.
2 **OK** (⊙)	unlock your phone

Locking and Unlocking Your Keypad

You can lock your phone keypad to prevent accidental use. This feature is useful in situations where an accidental keypress might inadvertently dial an emergency number or 1-touch dial number (for example, when carrying your phone in a handbag or pocket).

Press	To
M *	lock or unlock your keypad

Note: *Incoming calls and messages unlock the keypad.*

Barring Calls

Call barring lets you restrict outgoing or incoming calls. You can restrict all calls, calls to international numbers, or calls while roaming.

Find the Feature M > Settings > Security > Call Barring

Press	To
1 ◂◆▸	scroll to Outgoing or Incoming calls
2 CHANGE (⊙)	select barring for Outgoing or Incoming calls
3 ◂◆▸	scroll to a restriction for the barred calls
4 SELECT (⊙)	select the restriction for the barred calls
5 keypad keys	enter your call barring password
6 OK (⊙)	submit your password

Protecting the SIM Card

Your PIN (Personal Identification Number) code protects the information stored on your SIM card. When the SIM PIN feature is activated, you must enter your SIM card PIN code each time you turn on the phone or insert a SIM card. Your SIM card PIN code is given to you by your service provider.

Find the Feature M > Settings > Security > SIM PIN

Press	To
1 ◂◆▸	scroll to On or Off

Press	To
2 SELECT (⊙)	switch protection on or off
3 keypad keys	enter your SIM card PIN code
4 OK (⊙)	submit your code

Unblock the SIM Card PIN Code

If you enter an incorrect SIM card PIN code three times in a row, your SIM card is disabled and your phone displays the message SIM Blocked. You need to enter a PIN unblocking key (PUK) code, which you can obtain from your service provider.

Caution: If the unblocking attempt is tried unsuccessfully 10 times, the SIM card is permanently disabled and your phone displays the message SIM Disabled.

Press	To
1 (*) (*) (0+) (5 JKL) (*)	open the PIN unblocking editor Your phone prompts you to enter the PIN1 Unblock Sequence:
2 *PUK code* + (*) + *new PIN code* + (*) + *new PIN code* + (#)	unblock the SIM card

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Accessories

Optional Accessory

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

The use of non original accessories may damage your phone or your other accessories and invalidate your warranty. Use Motorola Original accessories™ for optimal performance.

Rotating belt clip – CCA8000

This convenient rotating belt clip allows you to easily and securely carry your phone. Supplied with a convenient car clip holder.

500 mAh Lithium Battery – BLS8050

Performance: up to 6 full days standby times or 2.5 hours of talk time (depending on network and SIM card configuration).

800 mAh Lithium Battery – BLX8080

Performance up: to 10 full days standby times or 4 hours of talk time (depending on network and SIM card configuration).

Mini travel charger – CHA8000

Small, compact and light, true pocket-sized charger. Both Euro & UK plugs included. Powers and rapid charges your phone. Charge time from 2 to 5 hours according to battery technology and capacity.

Desktop charger – CHA8200

Holds and rapid charges your phone and one additional battery. For EP+ batteries. To be used with a Motorola travel charger. Charge time from 2 to 5 hours according to battery technology and capacity.

Accessories

In-car charger – CLA8000

The in-car charger connects to your phone and allows you to charge your phone's battery while driving. When the phone is in use, the in-car charger overrides the battery, therefore preserving battery life. Charge time from 90 minutes to 3 hours according to battery technology and capacity.

Portable hands-free kits (headsets)

To communicate hands-free in all situations, in your car, on the street, at home or in your office.

Standard mono headset - HSK8000

Simple headset solution including quality ear-piece and microphone with send/end button to answer and terminate calls as well as to call the last number dialled.

Headset with whip microphone - HSK7500

Performance professional boom microphone headset featuring improved audio with noise cancellation.

FM Radio headset – HFM8000

FM radio with volume control and quality hands-free ear-pieces and microphone with smart button to answer and terminate calls as well as to call the last number dialled.

Easy Install HF Car Kit – HFK8000

Easy Install portable hands-free car kit for maximum flexibility. Integrated 3-watt speaker and microphone for ultimate full duplex audio performance.

Pro Install HF Car Kit – HFK8200

Professional Install car kit including docking station, hands-free electronic box, microphone and speaker for hands-free audio performance.

Pro Install Car Kit USB – HFK8280

Professional install car kit including a Digital Signal Processor (DSP) for superb audio quality and clarity at high speed. Full

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Optional Accessory

duplex allows genuine two-way conversations. Digital noise cancellation filters out background noise. Digital echo cancellation minimises echo.

Data Kits

Connects your computer to your cellular phone to send and receive fax/data (subscription to data services required) and Short Message Service (SMS) over the GSM cellular networks.

TrueSync synchronisation software included for easy phone book management. Software included to access email accounts and the Internet. CD-ROM compatible with Windows 98/2000/ME.

Multi Connect Data Kit – PCC8000

Connect your Motorola mobile telephone directly to your compatible PC's serial port. Optional cables available to connect your PDA (Personal Digital Assistant).

USB Data Kit– PCC8500

Connect your Motorola mobile telephone directly to your compatible PC's USB port.

Troubleshooting

Check these questions first if you have problems with your phone:

Question	Answer
Is your battery charged? Do you see ▭ in the display?	The battery level indicator should have at least one segment showing (▭). If it does not, recharge your battery. (See "Charging the Battery" on page 29 and "Battery Use" on page 37.)
Is the phone set to the proper frequency for your geographical region?	Phones in different regions of the world use different frequencies to establish a network connection. If necessary, use the **Network** feature (see page 78) to reset your phone's frequency to either 1900 MHz or 900/1800 MHz when you travel to a new location.
Do you have a valid SIM card inserted in your phone?	If necessary, turn off your phone and make sure that you have inserted a valid SIM card. (See "Installing the SIM Card" on page 25.)
Does the handset have a signal? Do you see in the display?	The signal strength indicator should have at least one segment showing (). If it does not, move to an area with a stronger signal to use your phone.
Is the earpiece volume too low?	While on a call, press the upper volume key on the side of your phone.

Troubleshooting

Question	Answer
Is the other party unable to hear you?	Your phone may be muted. Press UNMUTE (⊘) if necessary to unmute the phone. Also, make sure that your phone's microphone is not blocked by its carrying case or a sticker.
Has the phone been damaged, dropped, or got wet?	Dropping your phone, getting it wet, or using a non-Motorola battery or battery charger can damage the phone. The phone's limited warranty does not cover liquid damage or damage caused from using non-Motorola accessories.
Was a non-Motorola battery or battery charger used?	

The following refer to specific problems:

Problem	Solution
My phone was stolen. To whom should I report this?	Report a stolen phone to the police and to your service provider (the company that sends you your monthly wireless service bill).
I forgot my password.	See "If You Forget a Code or Password" on page 162.

Troubleshooting

Problem	Solution
I pressed the power key, but nothing happened.	Be sure to press and hold ⊙ (the power key) until the display appears and you hear an audible alert (this could take a couple of seconds). If nothing happens, check that a charged battery is installed. (See "Installing the Battery" on page 26.)
The display says: Insert SIM Card or **Check SIM Card even though I have inserted my SIM card in the phone.**	The SIM card may be incorrectly inserted. Check the SIM card to make sure that it is inserted properly. See "Installing the SIM Card" on page 25.
The display says: SIM Blocked. How do I unblock my SIM card?	Call your service provider (the company that sends you your monthly wireless service bill) to obtain the PIN unblocking key (PUK) code. See "Unblock the SIM Card PIN Code" on page 166.
The display says: Enter Unlock Code. How do I unlock my phone?	Enter the factory-preset unlock code (1234), or the last four digits of your phone number. (See "Locking and Unlocking Your Phone" on page 163.) If this fails, call your service provider (the company that sends you your monthly wireless service bill).
My phone asks for an unlock code when I try to open a feature.	The application you want is locked. If you own the phone but do not know the unlock code, see "If You Forget a Code or Password" on page 162.

Troubleshooting

Problem	Solution
My phone does not ring.	If you see or in the display, then the ringer is turned off. See "Ring/Vibrate" on page 139. Also, the ringer may be set to Silent even though your phone is set to a ring alert profile. See "Customise an Alert Profile" on page 140.
My phone rings even though I selected the Silent (or Vibrate) alert profile.	The ringer may be set to play a tone even though your phone is set to a silent alert profile. See "Customise an Alert Profile" on page 140.
I tried to place a call and heard an alternating high/ low tone.	Your call did not reach the wireless system. You may have dialled the number too soon after turning the phone on. Wait until the display shows the name of your service provider before making a call.

Troubleshooting

Problem	Solution
I cannot make/ receive calls.	Make sure that you have a phone signal (see the "Signal Strength Indicator" item on page 34). Avoid electrical or radio interference, and obstructions such as bridges, car parks, or tall buildings. Your phone also may have the Call Barring feature turned on. If you know the unlock code, you can change this setting in the security menu (M > Settings > Security). Also, check to be sure your SIM card is installed and working.
My phone has poor reception and drops calls.	Make sure that your antenna is not bent or damaged. Also, make sure you have a phone signal (see the "Signal Strength Indicator" item on page 34). Stay clear of any obstructions such as bridges, car parks, or tall buildings.
I cannot hear others on my phone.	While on a call, press the upper volume key on the left side of your phone. Your phone display should show the volume increasing. Also, make sure that your phone's earpiece is not blocked by its carrying case.
I cannot open my inbox.	Before you can use text or information services messages, you must set up the appropriate inbox. See "Setting Up the Text Message Inbox" on page 111.

Troubleshooting

Problem	Solution
How do I see the calls I made or received?	To see the most recent calls you dialled or received, open the "Recent Calls" lists: M > Recent Calls > Received Calls **or** Dialled Calls
My phone will not send voicemail commands, passwords, or other codes.	Your phone sends commands and passwords as DTMF tones. You can set your phone's DTMF tones to be Long, Short or Off. If you have trouble sending numbers, check your DTMF setting. **1** From the idle display, press: M > Settings > Other Settings > Initial Setup > DTMF **2** Press ◂◆▸ to scroll to Long or Short. **3** Press SELECT (⊙) to select it.
My phone's display is too dark.	You can use the Contrast Setting feature (see page 77) to change the level of contrast in your phone display. You can also use the Backlight feature (see page 77) to change the length of time that your phone's backlight display stays on.

Troubleshooting

Problem	Solution
My battery didn't last as long as I expected. What can I do to extend battery life?	Your battery's performance is affected by charge time, feature use, temperature changes, and other factors. For tips on extending your battery life, see "Battery Use" on page 37.
I am unable to record a voice note, voice name, or voice shortcut	Try moving to a quieter location to make your voice recording. Hold the phone about 10 centimetres away from your mouth, and speak directly into your phone's microphone in a normal tone of voice.
I plugged the data cable into my phone but my phone did not beep. How do I know if the data cable is ready to go?	The beep indicates that you are set up correctly. If you did not hear a beep, make sure that both ends of the data cable are connected - the smaller end to your phone and the larger end to your computer. Finally, your computer may have deactivated the port to save power. Try opening an application that uses the port, like a fax or dial-up application, and your computer will automatically activate the port.
My phone beeped when I attached the data cable, but my fax and data applications don't work.	Some wireless networks may not support data or fax transmission. If you are roaming on an unfamiliar network, this may be the case. Also, remember that data and fax transmission usually requires a subscription. Call your service provider for more information.

Troubleshooting

Problem	Solution
When sending data with the data cable, why does the computer show a connection rate of 19.2 Kbps (19200 bps)?	19.2 Kbps (19200 bps) is the data transfer rate of the connection between your computer and the phone in a standard CSD (Circuit Switch Data) connection. The rate of the connection between your phone and the network is displayed on your phone, and will be either 14.4 or 96.0 Kbps (14400 or 9600 bps). ***Note:*** *A GPRS connection may have a higher data transfer rate.*
I can't end my data call by closing the application on my computer. What can I do?	Try pressing on your phone. Also try disconnecting the cable or turning off the phone. If possible, always close the connection through your computer. These alternative methods may disrupt the application on your computer.
I launched the micro-browser but the display says: Service Not Available.	You may be in an area without service, or you may be connected to a network that does not support Internet access.
I launched the micro-browser but the display says: Data Server Unavailable.	Try again in a few minutes. The servers may be temporarily busy.

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