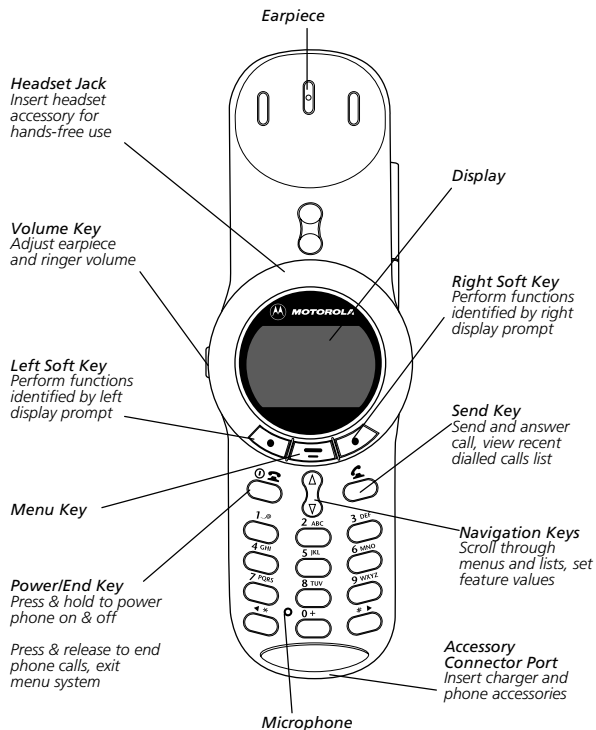


Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V70 wireless phone.





www.motorola.com

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ii Welcome



Menu Map

 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.

Main Menu

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

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
- **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 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
 - Backlight
 - Zoom
 - Scroll
 - Animation
 - Language
 - Battery Save
 - Contrast
 - DTMF
 - Master Reset
 - Master Clear
 - Network
 - Car Settings
 - Headset

Shortcuts

Change display zoom

– Press [Z], then press and hold [Z].

Display my phone number

– Press [Z] (#).

Go to dialled calls list

– Press (C).

Exit menu system

– Press (Q).



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About This Guide

Using Your Phone's Features


This user guide introduces you to the many features in your Motorola V70 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

 > **Recent Calls**
> **Dialled Calls**

The > symbol means that you should scroll to and select the feature. This example shows that you must press , 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.





2 *About This Guide*





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 supercedes 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 Radio Frequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999
- Australian Communications Authority Radio Communications (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:

Portable Personal Communicator Operation and EME Exposure

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorised 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, handbag, 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.

Approved Accessories

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

4 Safety and General Information





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 centimetres) 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 centimetres) 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 minimise 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 fuelling 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.

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 jewellery, 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.



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

IMEI: 350034/40/394721/9

CE0168

Type: MC2-41H14

Product
Approval
Number

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.

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

Warranty Information

Motorola guarantees to 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.

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.

How to get Warranty Service

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 Personal Communicator should also clearly display the original compatible electronic serial number (IMEI) and mechanic serial number [MSN]. Such information is contained with the Product.

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 Authorised Repair Centre, as analysis of any problem may require inspection of the entire vehicular installation.

Conditions

This warranty will not apply if the type or serial numbers on the Product have 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 guaranteed 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

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





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 honour 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 unauthorised 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, unauthorised software applications or any alteration or modification of any kind.
- 4 Breakage or damage to aerials 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 system by the operator.
- 7 Defects or damage due to moisture, 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;
-  *The talk-time, stand-by 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 services other than the 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 and Battery

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

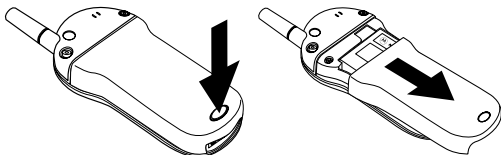


Your phone is designed to be used only with Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.

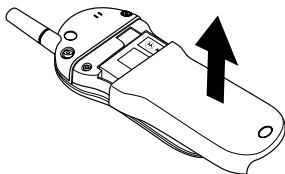
Your SIM (Subscriber Identity Module) card contains your phone number, service details, and phonebook/message memory. It must be installed in the base of the phone.

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

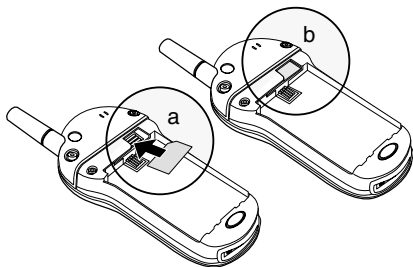
- 1 Remove the back cover of the phone:
- While pressing the release button at the bottom of the cover, slide the cover downward.



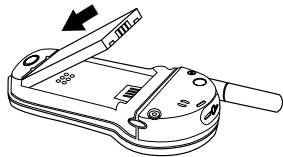
- Pull the cover away from the base.



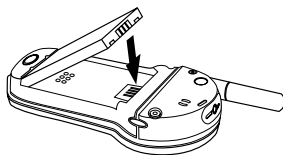
- 2 Insert the SIM card, with the notch at the upper right and the gold plate downward, into the SIM slot (located above the battery compartment).
When the SIM card is properly positioned, the battery compartment terminals are visible.



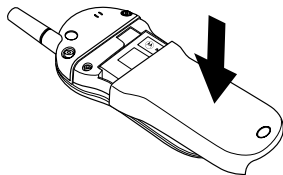
- 3 Install the battery by inserting the tabs at the base of the battery into the slots at the bottom of the battery compartment.



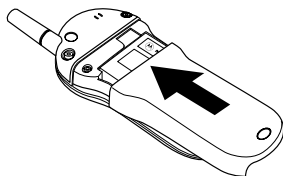
- 4 Push the battery down and snap it into place.



- 5 Re-install the back cover by aligning the cover about 1/2 inch down on base and fitting the cover onto the base.



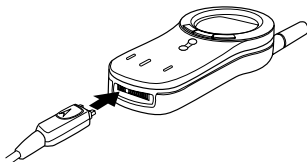
- 6 Push down on the cover while sliding it upward into position.




Charging the Battery

New batteries are shipped partially charged. Before you can use your phone, you need to install and charge the battery, as indicated by the following instructions. Some batteries perform best after several full charge/discharge cycles.

- 1 Plug the travel charger into the phone with the release tabs facing up.

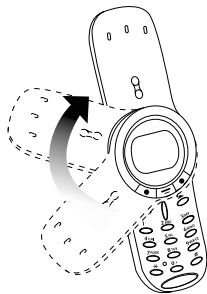


- 2 Plug the other end of the travel charger into the appropriate electrical outlet.
3 When your phone indicates that the battery is fully charged (**Charge Complete**), press the release tab and remove the travel charger.

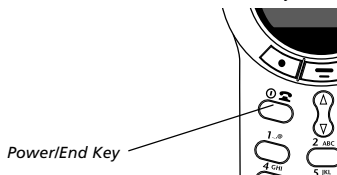
 *When you charge the battery, the battery level indicator in the upper right corner of the display shows how much of the charging process is complete. See the "Battery Level Indicator".*

Turning Your Phone On

- 1 Open your phone to expose the keypad.




- 2 Press and hold  (the Power/End key) to turn on your phone.



- 3 If necessary, enter your SIM card PIN code and press **OK** () to unlock your SIM card.

I 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”.)




- 4 If necessary, enter your four-digit unlock code and press **OK** () to unlock your phone.


The unlock code is originally set to 1234. (For more information, see “Locking and Unlocking Your Phone”.)



Sending a Call

To call a number, your phone:

- must be rotated completely open to expose the keypad
 - must be turned on
 - must have a SIM card inserted and unlocked
 - must have a network connection with adequate signal strength
- 1 Press keypad keys to 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 Press  (send key) to send the call.

 *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”.*

Ending a Call

Press  (end key) to end the call.

Receiving a Call

To receive a call, your phone:

- must be rotated completely open to expose the keypad or have a headset (an optional accessory) plugged in
- must be turned on
- must have a SIM card inserted and unlocked
- must have a network connection with adequate signal strength

If your phone is locked, you must unlock it to answer the call.



 *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  or **ANSWER** () to answer the call.

Displaying Your Phone Number

From the idle display:

Press   to see your phone number.

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








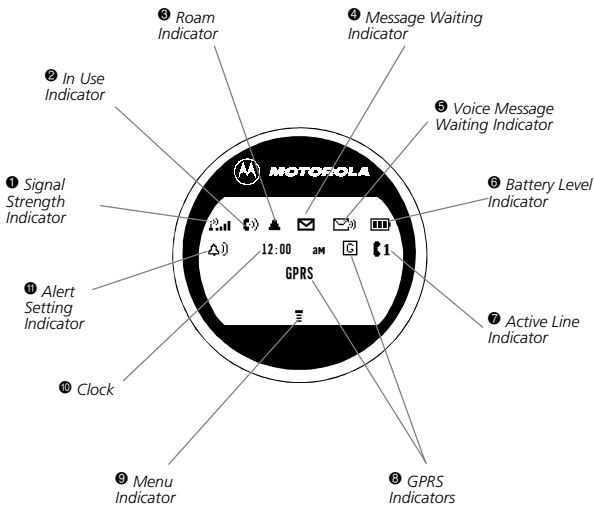
About Your Phone

See page i 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 center 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". 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.





1 Signal Strength Indicator

Shows the strength of your phone's connection with the network.

Strong No signal
You cannot send or receive calls when the "no signal" indicator is displayed.

2 In Use Indicator

Appears when a call is in progress.



3 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.



4 Message Waiting Indicator

Appears when your phone receives a text message.



5 Voice Message Waiting Indicator

Appears when you receive a voicemail message.

6 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.

When you charge the battery, the battery level indicator instead shows how much of the charging process is complete. See "Charging the Battery".



7 Active Line Indicator

When you use a SIM card that supports dual phone lines, this indicator shows the current active phone line. See the "Active Line" option.




8 GPRS Indicators

Indicate that a GPRS packet data connection is active. This type of connection may be used by your service provider to allow faster data transfer speeds. The GPRS indicators do not mean that you are in a call; they simply indicates that you are registered on the network via a GPRS connection.





⑨ Menu Indicator

Indicates that you can press  to open a menu. See “Using the Menu”.



⑩ Clock

Shows the current time.



⑪ Alert Setting Indicator

Shows the current selected alert profile. 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 three lines or two lines of text plus soft key labels. Three lines of text display more information, while two lines increase text size.

 *By default, your phone uses two lines to display Chinese characters.*

When your phone is set to display Chinese characters, the zoom setting is not available.

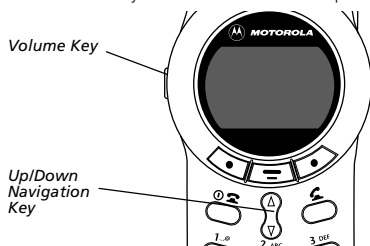
To change the display view, press  once, then press and hold  again within two seconds of the first press.

You can also adjust the zoom setting from the menu. See the “Zoom” .

Adjusting Volume

You can adjust your phone's earpiece and ringer volume:

- When you are in a call, you can adjust earpiece speaker volume.
 - When the idle display is showing, you can adjust ringer volume.
- You can increase or decrease volume in two ways:
- use only the volume key
 - use the volume key in combination with the up/down navigation key.



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

Using Only the Volume Key

The volume key works in only one direction.

To Increase Volume

Press and release the volume key. Each time you press and release the volume key, the volume is raised one level. When you press and release the volume key repeatedly, the volume cycles to the highest level and then remains at that level.

To Decrease Volume

Press and hold the volume key. Release the key when the volume is lowered to the desired level. When you reach the lowest volume level, the volume remains at that level.

Using the Volume Key and the Up/Down Navigation Key

- 1 Press the volume key once.
Result: Your phone displays the volume meter.
- 2 Press the up-arrow (on the up/down navigation key).
Result: Volume increases.
or
Press the down-arrow (on the up/down navigation key).
Result: Volume decreases.



Battery Use

! *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 center for proper disposal methods. Never dispose of batteries in a fire because they may explode.





Sending and Receiving Calls

This chapter describes features related to sending and receiving calls.




For information about other call-related features, see “Recent Calls” and “Data and Fax Calls”. For basic instructions on how to send, end, and receive a call, see the “Getting Started” section.

 To send and receive calls, rotate your phone's cover open.

Redialling a Number

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

From the idle display:

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

Using Automatic Redial

You must turn on automatic redial to use this feature. See the “Auto Redial” item to turn on automatic redial.

If you receive a busy signal, your phone displays **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.

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  or **RETRY** () to 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**.







Line Security

If your phone displays **Line Not Secure** while you are on a call, your phone has detected another device monitoring the call. This message does not appear when caller ID, call cost, or other information fills the display.


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.
- 1 Press **VIEW** () to see the received calls list, beginning with the most recent call.
 - 2 Press  to scroll through the list and select a call that you want to return.
 - 3 Press  to send 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. You can dial and call the emergency number even when your phone is locked, when you are prompted to enter a code or password, when the SIM card is not inserted in your phone, or when the SIM card is blocked or disabled.

 *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:

- 1 Press keypad keys to dial the emergency number (such as 999).
- 2 Press  to 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.



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”.





Terminating an Incoming Call

While the phone is ringing or vibrating:

Press  or **IGNORE** () to cancel the incoming call.





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

Dialling With Speed Dial

Speed dial lets you dial any phonebook entry with a minimal number of key presses.


When you store an entry in your phonebook, it is assigned a unique speed dial number. You can then use the speed dial feature to call the entry.

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

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

Dialling With 1-Touch Dial

You can call phonebook entries 1 to 9 with the push of a single key. 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".

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





Dialling a Number in a Text Message



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

You must set up the text message inbox before you can receive text messages. See "Setting Up the Text Message Inbox".

Find the Feature

Messages > Text Msgs

- 1 Press to scroll to the message with the number.
- 2 Press to open the **Text Msg Menu**.
- 3 Press to scroll to **Call Back**.
- 4 Press **SELECT** () to dial the number in the message.

If the message contains more than one phone number, press to scroll to a number, then press **SELECT** () to dial.

Additional Dialling Features

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

To dial the local international access code:

<i>Do This</i>	<i>To</i>
Press for two seconds	insert the international access code for the country from which you are dialling









While dialling (with digits visible in the display):

<i>Do This</i>	<i>To</i>
Press > Attach Number	attach a number from the phonebook or recent calls list to the end of the digits you entered.
Press > Hide ID/Show ID	Hide (or show) your caller ID for the next call.
Press > Send Message	create a text message addressed to the number entered.
Press > Talk Then Fax	talk and then send a fax to the same phone number within the same call.
Press 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):
<ul style="list-style-type: none">• Insert Pause (to insert a p)	<ul style="list-style-type: none">• Pause tells your phone to wait until the call connects before it automatically sends the next digit(s) in a series.
<ul style="list-style-type: none">• Insert Wait (to insert a w)	<ul style="list-style-type: none">• Wait tells your phone to wait until the call connects, and then to prompt you for confirmation before it sends the next digit(s).
<ul style="list-style-type: none">• Insert 'n' (to insert an n)	<ul style="list-style-type: none">• '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.





You can also call numbers using these features:

<i>Do This</i>	<i>To Call</i>
Press V. Dial () , and say the entry's name within two seconds	a phone number using the voice dial feature. See "Recording a Voice Name For a Phonebook Entry".
Press  > Service Dial > <i>entry to call</i>	a service dial number programmed on the SIM card.
Press  > Fixed Dial > <i>entry to call</i>	a fixed dial number.
Press  > Recent Calls > Received Calls or Dialled Calls > <i>entry to call</i>	a missed call or a number from a call you recently dialed 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:

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

To end the first call and answer the second call:

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

You must activate call waiting in order to use the feature. See the “Call Waiting” item to activate call waiting.

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.

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

 > Hold


- 1 Press keypad keys to enter the phone number where you are transferring the call.
- 2 Press  to dial the phone number. Speak to the person who answers the target phone.
- 3 Press  to open the menu.
- 4 Press  to scroll to **Transfer**.
- 5 Press **SELECT** () to select **Transfer**.
- 6 Press **OK** () to 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.

Do Not Announce the Call Transfer

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

Find the Feature





 > Transfer

- 1 Press keypad keys to enter the phone number where you are transferring the call.
- 2 Press  to 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:

<i>Do This</i>	<i>To</i>
Press HOLD (⏸) (if available)	put a call on hold.
or	Your phone displays a  (flashing phone) indicator to indicate that the call is on hold.
Press  > Hold	
Press  > My Tel. Numbers	see your phone number.
Press  > Send Tones	send a number to the network as DTMF tones, for credit card calling or password entry.
	To activate DTMF tones, see the "DTMF" item.

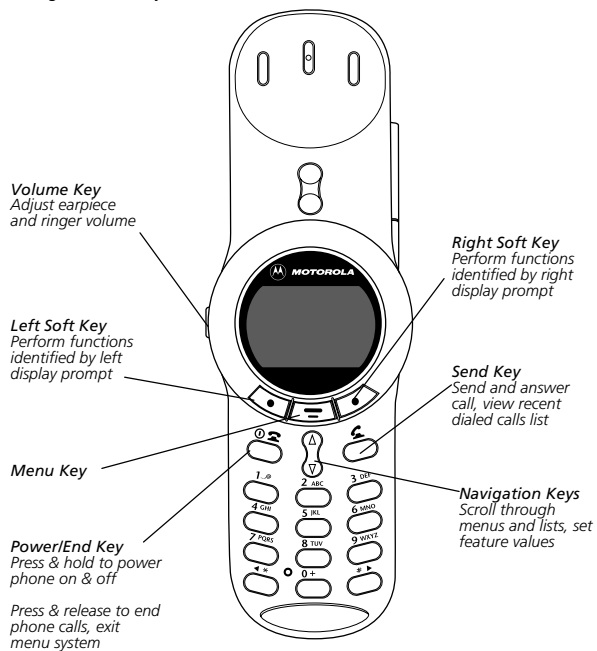




Using the Menu

Navigating to a Feature


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



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

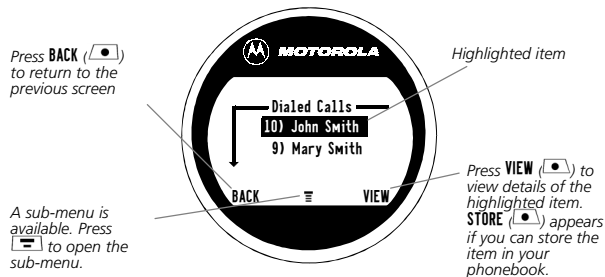
Find the Feature

 > **Recent Calls**
 > **Dialled Calls**


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

Selecting a Feature

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






Select an item by highlighting it using one of these approaches:

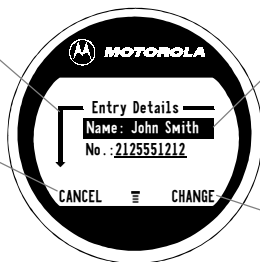
- Press  to scroll up or down to the item you want.
- In a numbered list, press a number key to highlight the item.
- In an alphabetised list, press a key multiple times to cycle through the letters on the key and highlight the closest matching list item.

Entering Feature Information


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




Press  to scroll down to additional items

Press **CANCEL** () to exit without making changes.
DONE () appears when you enter or edit information.
Press **DONE** () to save your changes.

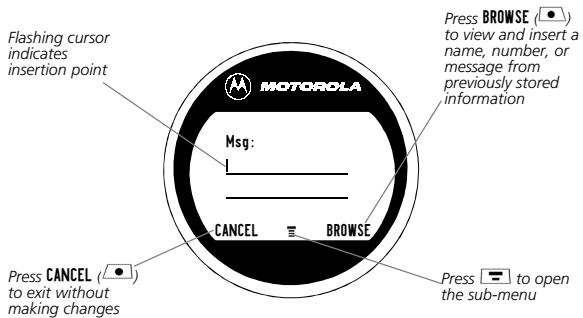


Highlighted item

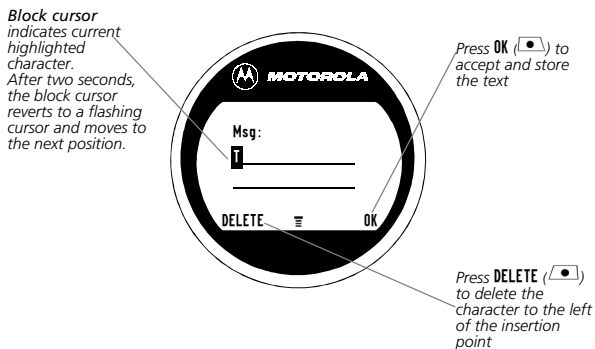
Press **CHANGE** () to edit the selected information

- Enter numbers or text with the keypad. (See “Entering Text”.)
- When an item has a list of possible values, press  to scroll left, or  to scroll right, 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”.) A flashing cursor shows you where the text will appear:



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, 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  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").
Tap Method	Enter characters one at a time by pressing the key for the letter, number, or symbol (see "Tap Method"). 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").
Browse	Browse through your phonebook and recent calls lists to select a name or number to enter.

 *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  and select the **Tap Method** menu option.

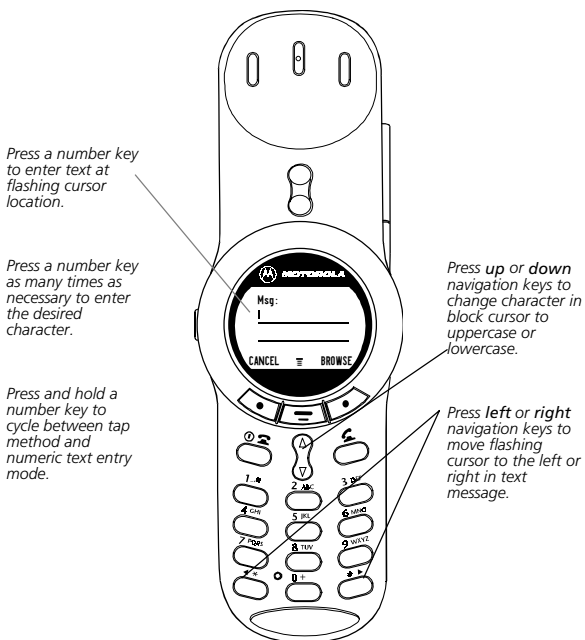
To enter text using the tap method:


<i>Do This</i>	<i>To</i>
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").
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.



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”.)



- 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 each sentence is capitalised unless you manually change it. (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 ! , @ _ & ~ : ; " - () '
¿ ¡ % £ \$ ¥ ¤ €

② ABC 2 Ä Å Á À Æ Å Æ Æ a b ç
ä å ä å ä å Æ Æ Æ

③ DEF 3 D È É Ê Ë Æ
d e f 3 è é ê ë Æ

④ GHI 4 Í Î Ï Ñ
g h i 4 í î ï ñ

⑤ JKL 5 Æ
j k l 5 Æ


⑥ MNO 6 Ñ ò ó ô õ ö ÷ ù
m n o 6 ñ ò ó ô õ ö ÷

⑦ PQR 5 7 ð ñ ò ÷
p q r 5 7 ð ñ ò ÷

⑧ TUV 8 ù Ú Û Ü Ù
t u v 8 ù Ú Û Ü Ù

⑨ WXYZ 9 Ξ Ψ
w x y z 9 Ξ Ψ

⑩ + - 0 x * / \ [] = > < # \$

 Your phone model may not include all of the characters shown in the above chart.





Symbol Mode

Your phone provides an alternate 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 **[☰]** and select the **Symbol** menu option.

To enter a symbol in symbol mode:

Do This	To
1 Press a number key once	display its symbol options (see the "Symbol Chart").
2 Press the scroll left (←) or the scroll right (→) key or Press the number key multiple times	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. 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 (alt)	@ _ \
3 (alt)	/ : ;
4 (alt)	" & '
5 (alt)	() [] {}
6 (alt)	¿ ¡ ~
7 (alt)	< > =
8 (alt)	\$ £ ¥ ☐ €
9 (alt)	# % *
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 keypress per letter.

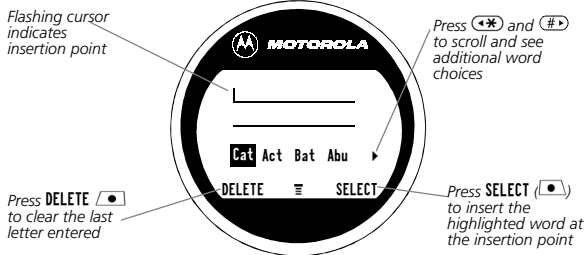
You must activate iTAP software prior to entering letters. You can do this from any text entry screen by pressing **[\square]** to open the **Entry Method** menu and selecting the **iTAP** menu option.

Enter Words

To enter a word with iTAP software:

Do This	To
1 Press a number key once	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 [\circ]	locate and highlight the word you want.
4 Press SELECT ([\square])	add the highlighted word to the text area at the top of the display. A space is automatically inserted after the word.






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







Enter New Words

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 the scroll left () or the scroll right () key	highlight the letter or letter combination.
3 Press SELECT (), then press the scroll left () key	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 enter punctuation with iTAP software:

Press () or () to enter punctuation or other characters as shown in the "Character Chart".


Capitalisation

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

Press () up or down to change the words to initial character capitalised, all uppercase characters, or all lowercase characters.

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:

<i>Do This</i>	<i>To</i>
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. Some descriptions also include page numbers where you can find more detailed information.

Main Menu

Recent Calls

Received Calls

-  > Recent Calls
- > Received Calls

View a list of recently received calls. See "Viewing the Received Calls or Dialed Calls List".

Dialed Calls

-  > Recent Calls
- > Dialed Calls


View a list of recently dialed calls. See "Viewing the Received Calls or Dialed Calls List".

Notepad

-  > Recent Calls
- > Notepad


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

Call Times

-  > Recent Calls
- > Call Times

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

Call Cost

-  > 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, dialed calls, received calls, and all calls total. See "Viewing and Resetting Call Costs".



Service Dial

-  > 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

 > 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".

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.

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




Phonebook

 > Phonebook

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

Datebook

 > Datebook

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

Quick Dial

 > 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.

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





Messages

 > 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".
- Text Msgs** Send and receive text messages. See "Messages - Text".
- Browser Alerts** Read alert messages received by your micro-browser.
- Info Services** Read information services messages (subscription-based broadcast messages, such as stock updates, news, and weather reports) that you have received.
- Quick Notes** Select and send pre-written messages from the quick notes list.
- Outbox** View all outgoing text messages, delivered and undelivered.
- Drafts** Store and edit text messages that you have written but not sent.

Shortcuts

 > Shortcuts

Create keypad shortcuts to menu features. See "Shortcuts".

Voice Dial

 > Voice Dial

Dial a phonebook entry by saying the pre-recorded voice name for that phonebook entry. See "Voice Dial Using the Menu".


SIM Applications

 > 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.



Browser

 > 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".





Calculator

> Calculator

Use your phone as a calculator or currency converter. See “Calculator”.

Games

> Games

Play games on your phone. See “Games”.

Settings Menu

Ring/Vibrate

Alert

> Settings
> Ring/Vibrate
> Alert

Select a ring or vibration alert profile for incoming calls and messages. See “Ring/Vibrate”.

Alert Detail

> Settings
> Ring/Vibrate
> Alert Detail

Change details about the current alert profile. Alert represents the name of the alert profile. See “Ring/Vibrate”.

My Tones

> Settings
> Ring/Vibrate
> My Tones

Create custom alert tones for your phone. See “Use the My Tones Feature”.

Call Divert

> Settings
> Call Divert

Set options for divert incoming voice, data, and/or fax calls to another phone number. See “Call Divert”.



Phone Status

My Tel. Numbers

> Settings
> Phone Status
> My Tel. Numbers

View, enter, and edit information about your name and phone number.



Credit Info

> Settings
> Phone Status
> Credit Info

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





Credit Available

- ☰ > Settings
- > Phone Status
- > Credit Available

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



Active Line

- ☰ > Settings
- > Phone Status
- > Active Line

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



Battery Meter

- ☰ > Settings
- > Phone Status
- > Battery Meter

View a detailed battery charge meter.

Other Information

- ☰ > Settings
- > Phone Status
- > Other Information

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

Browser Setup

- ☰ > 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, call waiting, and call answering options.

In-Call Timer

- ☰ > Settings
- > In-Call Setup
- > In-Call Timer

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





Call Cost Setup

- ☰ > 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.

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

- ☰ > 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

- ☰ > 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 - all 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".



Answer Options

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

Turn call answering options on or off:

- Multi-Key** Answer by pressing any key
- Open to Answer** Answer by opening the flip

Call Waiting

- ☰ > 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".





Security

Phone Lock

- > Settings > Security Lock and unlock your phone. See "Locking and Unlocking Your Phone".
 - > Phone Lock

Lock Application

- > Settings > Security 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.
 - > Lock Application

Fixed Dial

- > Settings Restrict outgoing calls to numbers on the fixed dial list. See "Fixed Dial".
 - > Security
 - > Fixed Dial



Call Barring

- > Settings > Security Restrict incoming and outgoing calls. See "Barring Calls".
 - > Call Barring

SIM PIN

- > Settings > Security 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".
 - > SIM PIN

New Passwords

- > Settings > Security Change your unlock code (originally set to 1234) or your security code (originally set to 000000). See "Assigning a New Code or Password".
 - > New Passwords



Other Settings

Personalise

- ☰ > Settings
- > Other Settings
- > Personalise


Set several personal phone options:

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

Initial Setup


- ☰ > 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 or SIM card phonebook. (See “1-Touch Dial Preference”.)
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 conditions. (See “Using Automatic Redial”.)
Backlight	Set the amount of time that the display backlight remains on, or turn off the backlight to conserve battery power.
Zoom	Switch between three lines (Zoom Out) and two lines (Zoom In) of display text  <i>By default, your phone uses two lines to display Chinese characters. When your phone is set to display Chinese characters, the zoom setting is not available.</i>
Scroll	Force the cursor to stop or wrap around when it reaches the top or bottom of a list in the display.



- Animation** Turn animation off (to conserve the battery) or on. Animation makes your phone's menus move smoothly as you scroll up and down.
- Language** Set the language for phone menus.
- Battery Save** Adjust the phone's power usage characteristics to conserve power.
- Contrast** 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 to be long, short, 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.

 *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

-  > 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, and activate alerts that indicate when a call is dropped or network registration changes.






Car Settings


-  > Settings
- > Other Settings
- > Car Settings

Adjust hands-free car kit settings. You can set your phone to route calls directly to the Easy-Install Hands-Free Kit when it detects a connection, and automatically answer calls after two rings. See "Hands-Free Use".



 *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

-  > Settings
- > Other Settings
- > Headset

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





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

Recent Calls

- 1 Press to scroll to **Received Calls** or **Dialled Calls**.
- 2 Press **SELECT** () to select **Received Calls** or **Dialled Calls**.
- 3 Press to scroll to an entry you want to call, store, or delete.

means the call connected.

- 4 Press to 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.

or

Press - if **View** appears above the key to view the entry's details.

- if **Store** appears above the key to store the entry's details in the phonebook.

or

Press to open the **Last Calls Menu** to perform other procedures as described in the following list.



The **Last Calls Menu** includes the following options:

<i>Option</i>	<i>Description</i>
Store	Create a phonebook entry with the selected number in the No. field. (This option does not appear if STORE appears above the [•] key, or if the number is already stored as a phonebook entry.)
Delete	Delete the entry. (This option does not appear if DELETE appears above the [•] key.)
Delete All	Delete all entries in the current list.
Hide ID/Show ID	Hide (or show) your caller ID for the next call.
Send Message	Create a new text message, with the selected number in the Te1 No. field. See "Sending a Text Message".
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.
Talk then Fax	Tell the network you want to call and talk to someone, and then send a fax - all to the same number in the same call. See "Sending a Talk then Fax Call".





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, create a phonebook entry, or perform other operations with the number stored in the notepad:

Find the Feature

 > Recent Calls > Notepad

Press  to call the number.

or


Press  to open the **Dialling Menu** (to attach a number or insert a special character). See “Additional Dialling Features”.

or

Press **STORE** () to create a new phonebook entry, with the notepad number copied into the **No.** field. See “Storing a Phonebook Entry”.

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.

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

Timer	Description
Last Call	Time spent on the last call dialed 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

> Recent Calls
> Call Times

- 1 Press to scroll to the timer you want to view.
- 2 Press **SELECT** () to view the recorded time.

To reset the call timer:

- 1 Press **RESET** () to reset the time (if available).
- 2 Press **YES** () to confirm the reset.

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. Your phone receives cost information from the advice-of-charge feature or third-party prepaid software.
Expiry Date	Date that the available credit expires (available only with a subscription to a prepaid option).
Last Deposit	Amount of the last deposit (available only with a subscription to a prepaid option).
Last Call	Amount spent on the last call you dialed or received. You cannot reset this cost tracker.
Dialed Calls	Amount spent on calls you dialed 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.
All Calls	Amount spent on all dialed and received calls since the last time you reset this cost tracker. You can reset this value separate from Dialed Calls and Received Calls , so Dialed Calls plus Received Calls may not equal All Calls .









To view a cost tracker:

Find the Feature

 > **Recent Calls**
> **Call Cost**

- 1 Press  to scroll to the cost tracker you want to view.
- 2 Press **SELECT** () to view the recorded cost.

To reset the cost tracker:

- 1 Press **RESET** () to reset the cost (if available).
- 2 Press **OK** () to enter your PIN2 code to confirm the reset.





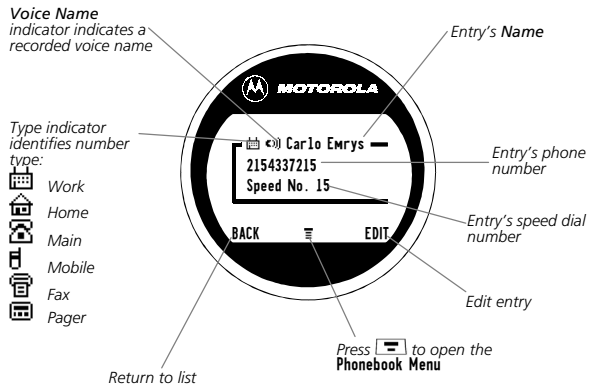



Phonebook

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 **[☰]** > **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



 Phonebook entries stored on the SIM card do not have **Type** or **Voice Name** information.



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 of entries you can store on the 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.

☞ 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

☐ > Phonebook

☐ > New

- 1 Press **CHANGE** (☐) to select **Name**.
- 2 Press keypad keys to enter a name for the phonebook entry (see "Entering Text").
- 3 Press **OK** (☐) to store the name.
- 4 Press **CHANGE** (☐) to select **No.**
- 5 Press keypad keys to enter the phone number.
- 6 Press **OK** (☐) to store the phone number.
- 7 Press **CHANGE** (☐) to select **Type**.

☞ This option is not available for entries stored on a SIM card.

- 8 Press ⌵ to scroll to the type of phone number.

9 Press **SELECT** (☐) to select the number type.
10 Press **RECORD** (☐) to record a **Voice Name** for the entry, if desired.
or
Go to step 11 if you do not want to record a voice name for the entry. See "Recording a Voice Name For a Phonebook Entry".

☞ This option is not available for entries stored on a SIM card.

- 11 Press ⌵ to 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 Press **CHANGE** (☐) to select **Speed No.** if you want to change it.
- 13 Press keypad keys to enter a different speed number, if desired.

☞ 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.



- 14 Press **OK** (⏏) to 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 Press **SELECT** (⏏) to select **MORE** if you want to create another entry with the same **Name**.

 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 **DONE** (⏏) to 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 Using a Soft Key").

 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

 > 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 RECORD Key then say name .
6 Press and release RECORD (⏏) and say the entry's name (in two seconds)	record the voice name The phone displays Press RECORD 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”. To use 1-touch dial, see “Dialling With 1-Touch Dial”.

Phonebook List

To call a number in the phonebook list:


Find the Feature

 > Phonebook

- 1 Press  to scroll to the entry you want to call.
- 2 Press  to send the call.

Voice Dial Using a Soft Key

To call a number using voice dial via a soft key:


<i>Do This</i>	<i>To</i>
Press and release  and speak the entry's pre-recorded name (within two seconds).	Your phone goes to the entry in the phonebook list, repeats the voice name, pauses two seconds, then automatically dials the call.


To pre-record a phonebook entry name, see “Recording a Voice Name For a Phonebook Entry” .

Voice Dial Using the Menu

To call a number using voice dial via the menu:

Find the Feature

 > Voice Dial

<i>Do This</i>	<i>To</i>
1 Press SELECT ()	activate the voice dial mechanism. The phone displays Say Name Now .
2 Say the pre-recorded phonebook entry name	to select the entry to be dialed.






Editing a Phonebook Entry

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

- ☞ 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

 > **Phonebook**

- 1 Press  to scroll to the entry you want to edit.
- 2 Press **VIEW** () to display the entry's detailed view.
- 3 Press **EDIT** () to edit the phonebook entry.






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

Deleting a Phonebook Entry

To delete a phonebook entry:

Find the Feature


 > **Phonebook**


- 1 Press  to scroll to the entry you want to delete.
- 2 Press  to open the **Phonebook Menu**.
- 3 Press  to scroll to **Delete**.
- 4 Press **SELECT** () to select **Delete**.
- 5 Press **YES** () to 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.

 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 the SIM card or from the SIM card to your phone:

Find the Feature

 > Phonebook





- 1 Press  to scroll to the entry you want to copy.
-  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 Press  to open the **Phonebook Menu**.
- 3 Press  to scroll to **Copy Entry**.
- 4 Press **SELECT** () to select **Copy Entry**.
The phone displays the **Copy To** form, with the next available speed dial number.
- 5 Press keypad keys to edit the speed dial number on the **Copy To** form.
- 6 Press **OK** () to 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 the SIM card or from the SIM card to your phone:

Find the Feature

 > Phonebook

- 1 Press  to open the **Phonebook Menu**.
- 2 Press  to scroll to **Copy Entries**.
- 3 Press **SELECT** () to select **Copy Entries**.
The phone displays the **Copy Entries** form.
- 4 Press  to scroll to **From (start)**.



- 5 Press **CHANGE** (⏏) to select **From (start)**.
- 6 Press keypad keys to enter the first (lowest) speed dial number in the range of entries that you want to copy.
- 📞 *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.*
- 7 Press **OK** (⏏) to store the number and return to the **Copy Entries** form.
- 8 Press ⏏ to scroll to **From (end)**.
- 9 Press **CHANGE** (⏏) to select **From (end)**.
- 10 Press keypad keys to enter the last (highest) speed dial number in the range of entries that you want to copy.
- 11 Press **OK** (⏏) to store the number and return to the **Copy Entries** menu.
- 12 Press ⏏ to scroll to **To (start)**.
- 13 Press **CHANGE** (⏏) to select **To (start)**.
- 14 Press keypad keys to enter the first (lowest) new speed dial number for the entries' new location.
- 15 Press **OK** (⏏) to store the number and return to the **Copy Entries** menu.
- 16 Press **DONE** (⏏) to 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 phonebook capacity to see how much space is left for storing phonebook entries on your phone and on the 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.

Find the Feature

☰ > Phonebook

- 1 Press ☰ to open the **Phonebook Menu**.
- 2 Press ⏏ to scroll to **Phone Capacity**.
- 3 Press **SELECT** (⏏) to select **Phone 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.

 *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

 > Phonebook

- 1 Press  to open the **Phonebook Menu**.
- 2 Press  to scroll to **Setup**.
- 3 Press **SELECT** () to select **Setup**.
- 4 Press  to scroll to **Sort by**.
- 5 Press **CHANGE** () to select **Sort by**.
- 6 Press  to scroll to the entry you want.
- 7 Press **SELECT** () to 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

 > **Settings** > **Other Settings**
> **Initial Setup**

- 1 Press  to scroll to **1-Touch Dial**.
- 2 Press **CHANGE** () to select **1-Touch Dial**.
- 3 Press  to scroll to the list you want.
- 4 Press **SELECT** () to 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.

 You must set the correct time and date in order to use the datebook. Use the **Time and Date** feature to set the time and date.

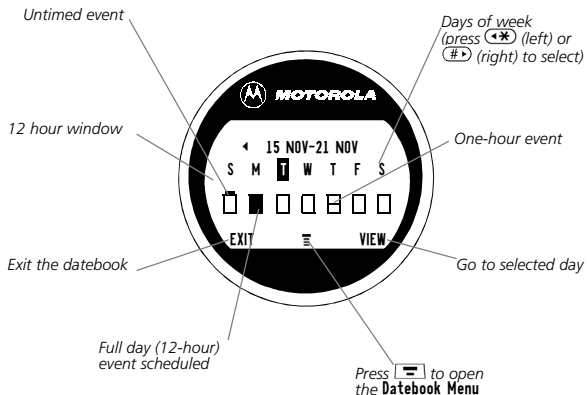
To schedule or review events in the datebook:

Find the Feature

 > Datebook

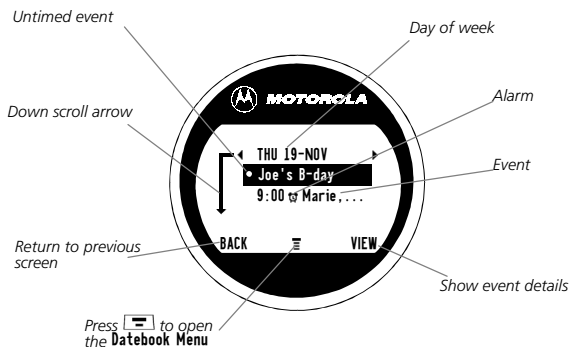
Week View

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



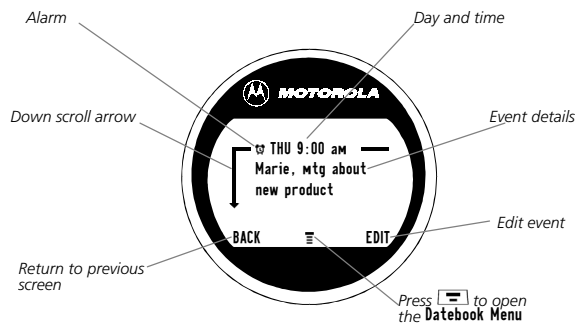
Day View

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.



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

 > **Datebook** > *day*

 > **New**

See “Selecting a Feature” for instructions on scrolling to and selecting options.









- 1 Press **CHANGE** () to select **Title**.
- 2 Press keypad keys to enter a title for the event (see “Entering Text”).
- 3 Press **OK** () to store the event title.
- 4 Press  to scroll to other fields and enter information as necessary.
Other fields let you enter start time, duration, date, repeating events, and reminder alarm.
- 5 Press **DONE** () to store the new event and return to the day view.

Changing Event Information

To change information about an existing event:

Find the Feature

 > **Datebook**

- 1 Press  to scroll to the scheduled event day.
- 2 Press **VIEW** () to display the day view.
- 3 Press  to scroll to the event you want to change.
- 4 Press **VIEW** () to display the event view.
- 5 Press **EDIT** () to edit the event.
- 6 Press  to scroll to the detail you want to change.
- 7 Press **CHANGE** () to edit the information.
- 8 Press keypad keys to enter the new information.
- 9 Press **DONE** () to 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










 > **Datebook**

- 1 Press  to scroll to the scheduled event day.
- 2 Press **VIEW** () to display the day view.
- 3 Press  to scroll to the event to copy.
- 4 Press  to open the **Datebook Menu**.
- 5 Press  to scroll to **Copy**.
- 6 Press **SELECT** () to copy the event.
- 7 Press **YES** () to confirm the copy.
Your phone assumes that you want to change the date, and displays the **Date** field.
- 8 Press keypad keys to enter the date information.
- 9 Press  () to move to the month, day, and year.
- 10 Press **DONE** () to save the copy of the event.
- 11 Press  to scroll to event details and edit the information as necessary.
- 12 Press **DONE** () to store the new event and return to the day view.

Deleting an Event

Find the Feature

 > **Datebook**

- 1 Press  to scroll to the scheduled event day.
- 2 Press **VIEW** () to display the day view.
- 3 Press  to scroll to the event to delete.
- 4 Press  to open the **Datebook Menu**.
- 5 Press  to scroll to **Delete**.
- 6 Press **SELECT** () to select **Delete**.
For non-repeating events, go to step 7. For repeating events, the phone displays a delete event menu:
 - Press  to scroll to **This Event Only** or **Repeat Events**.
 - Press **SELECT** () to select the event(s) to delete.
- 7 Press **YES** () to 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 you use the optional Motorola Original™ FM Stereo Radio Headset with your phone.

Turning the Radio On and Off

Press **Radio** () to turn the radio on and off.



 **The Radio** () soft key option appears only when the FM Stereo Radio Headset is plugged into the accessory connector port.

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 ( to )	assign its preset number to the tuned station.

Selecting a Preset




To select a preset radio station:

Press a number key ( to ) to tune the station stored at that preset location.




Sending 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 ()	answer the call.
or	 <i>You can use the FM Stereo Radio Headset microphone to converse with the other party during a call</i>
Press the button on the FM Stereo Radio Headset microphone	


To end the call and resume the FM broadcast:

Do This	To
Press 	end the call.

or

Press and hold the button on the FM Stereo Radio Headset microphone.

Turn the radio off before dialling outgoing calls. 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".





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


 > Messages
> VoiceMail Setup

- 1 Press keypad keys to enter the phone number for your voicemail.
- 2 Press **OK** () to 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".)

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

 > 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.

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

Setting Up the Text Message Inbox

Find the Feature

> Messages
> Text Msg Setup

- 1 Press to scroll to **Service Centre No.**
- 2 Press **CHANGE** () to change the **Service Centre No.** which is provided by your service provider.
- 3 Press keypad keys to enter the phone number for the service centre that handles your outgoing messages.
- 4 Press **OK** () to store your service centre number.
- 5 Press **CHANGE** () to change the **Expire After** period.
- 6 Press keypad keys to enter the expiry period - the number of days your network tries to send unreceived messages.
- 7 Press **OK** () to store the expiry period.
- 8 Press **CHANGE** () to change the **Reply Type**.
- 9 Press to scroll to the default type of replies you want to send - text messages, or other formats.
- 10 Press **OK** () to store the reply type.
- 11 Press **CHANGE** () to change the **Cleanup** setting.
- 12 Press to scroll to the period of time that messages stay in your inbox.
- 13 Press **SELECT** () to select the cleanup period.
If you select **Custom**, continue. Otherwise, the procedure is complete.
- 14 Press to change the entry for the number or label.
- 15 Press to switch between the number and the label.
- 16 Press **DONE** () to store the custom cleanup period after you finish entering all information.



Receiving a Text Message

You must set up the text message inbox before you can receive text messages. See "Setting Up the Text Message Inbox".

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".)

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

Press **READ** () to open the message (or your text message inbox if there are multiple messages).

As memory space for storing messages gets close to full, the (message waiting) indicator flashes and your phone displays **Memory is Low!** when you receive a new message. When no more messages can be stored, your phone displays **Memory is Full!** and the network temporarily holds your new messages. To receive these new messages, you must delete some existing messages from your inbox, outbox, or drafts folder.

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.

Find the Feature


> Messages > Text Msgs

- 1 Press to scroll to the message you want.
 = unread and urgent, = read, = read and locked
- 2 Press **READ** () to open the message.
- 3 Press **SAVE** (- right) to close the message without changes.
or
Press **DELETE** (- left) to delete the message.
or
Press to open the **Text Msg Menu** to perform other procedures as described in the following list





The **Text Msg Menu** includes the following options:


<i>Option</i>	<i>Description</i>
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.
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	Delete the message or all inbox messages.
or	Press Yes () to confirm the deletion.
Delete All	
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 lists.

 *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

 > **Messages**

 > **Create Message**

- 1 Press **CHANGE** () to select **To**.
- 2 Press keypad keys to enter one or more phone numbers 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
Press **BROWSE** () to select one or more phone numbers from the phonebook or recent calls lists.
- 3 Press **OK** () to store the number(s).
- 4 Press **CHANGE** () to select **Msg**.
- 5 Press keypad keys to enter the text message (see "Entering Text").
 *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 Press **OK** () to store the text message.
- 7 Press **DONE** () to finish the message.
Your phone displays **Send Message Now?**
- 8 Press **YES** () to send the message.
or
Press **No** () to 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 select, edit, and send quickly (for example, **Meet me at ...**).

You can also create new quick note messages and store them for later use.



To send a quick note message:

Find the Feature

 > Messages > Quick Notes

- 1 Press  to scroll to the quick note.
- 2 Press **READ** () to read the quick note.
or
Press  to open the **Quick Note Menu** to perform other procedures as described in the following list.


The Quick Note Menu includes the following options:

<i>Option</i>	<i>Description</i>
New	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.
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"). To send the quick note to multiple recipients, enter multiple phone numbers in the To field as described in step 2 of the procedure for "Sending a Text Message".

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

 > **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 , then press and hold (within two seconds)	zoom in/out your phone's display view. (See "Changing the Zoom Setting").
Press	display your phone number.
Press	go to the dialled calls list. (See "Recent Calls").
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).



Creating a Shortcut

To assign a keypad shortcut:

Do This	To
1 Press	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	open the shortcut editor. The phone displays: Assign Shortcut for: "Item"? where <i>Item</i> is the name of the item you selected.
4 Press YES ()	view shortcut options.
5 Press CHANGE () or Press DONE ()	change the keypad shortcut number, if necessary. select the default keypad shortcut number and close the shortcut editor.

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:

- 1 Press to open the menu.
- 2 Press the shortcut's number to 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

- > Shortcuts
- > *the shortcut you want*





Micro-Browser



The micro-browser lets you access Web pages and Web-based applications (such as on-line banking, shopping, and games) on your phone. Contact your service provider to set up access, if necessary.

- ☞ *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.*

Browser Setup

To start a micro-browser session, your phone must have a valid network connection profile that contains the information needed to establish an Internet connection.

Use the browser setup feature to create a new network connection profile or modify an existing profile. You can also use browser setup to select the network connection profile you want to use, and to reset or delete profiles.


- ☞ *The micro-browser's Internet access settings are usually programmed by your service provider.*

Creating a New Network Connection Profile



Before you can use the micro-browser, you must configure the following settings for your network connection profile. Contact your service provider to obtain the following information, if necessary.

- ☞ *Actual field names and values may vary depending on the technologies available to your service provider. Some settings and/or options described in this section may not be available for all phone models.*

Setting	Description
Name	profile name
Homepage	default home page
User ID	user ID to access the WAP gateway with a GPRS connection
Password	user password to access the WAP gateway with a GPRS connection
APN	Access Point Name (the name of the WAP service provider) to use with a GPRS connection



<i>Setting</i>	<i>Description</i>
User ID	user ID to access the WAP gateway with a CSD connection
Password	user password to access the WAP gateway with a CSD connection
Dial-Up Number (required)	phone number to use to set up a CSD (circuit-switched data) connection
WAP IP 1 (required)	primary WAP gateway IP address
WAP Port 1 (required)	primary WAP port number
WAP IP 2	secondary WAP gateway IP address
WAP Port 2	secondary WAP port number
Timeout (required)	time at which the phone exits the micro-browser application when no keypress activity is detected
Data Rate (required)	preferred data rate for CSD calls
Line Type (required)	CSD network data type (modem or ISDN)
Confirmation	enable operator alert messages (on or off)
Cache Start-up	enable the micro-browser's cached memory (on or off)





To create a new network connection profile:



Find the Feature

 > **Settings** > **Browser Setup**
> **New**

Enter the Name

- 1 Press **CHANGE** () to select **Name**.
- 2 Press keypad keys to enter the name for the profile.
- 3 Press **OK** () to store the profile name.

Enter the Homepage

- 1 Press **CHANGE** () to select **Homepage**.
- 2 Press keypad keys to enter the homepage URL address.
- 3 Press **OK** () to store the homepage URL.



Configure GPRS Connection Settings

- 1 Press **CHANGE** (↩) to select **User ID**.
- 2 Press keypad keys to enter the user ID for a GPRS connection.
- 3 Press **OK** (↵) to store the user ID.
- 4 Press **CHANGE** (↩) to select **Password**.
- 5 Press keypad keys to enter the user password for a GPRS connection.
- 6 Press **OK** (↵) to store the password.
- 7 Press **CHANGE** (↩) to select **APN**.
- 8 Press keypad keys to enter the name of the WAP service provider for a GPRS connection.
- 9 Press **OK** (↵) to store the APN name.

Configure CSD Connection Settings



- 1 Press **CHANGE** (↩) to select **User ID**.
- 2 Press keypad keys to enter the user ID for a CSD connection.
- 3 Press **OK** (↵) to store the user ID.
- 4 Press **CHANGE** (↩) to select **Password**.
- 5 Press keypad keys to enter the user password for a CSD connection.
- 6 Press **OK** (↵) to store the password.
- 7 Press **CHANGE** (↩) to select **Dial-Up Number**.
- 8 Press keypad keys to enter the phone number to dial for a CSD connection.
- 9 Press **OK** (↵) to store the dial-up phone number.

Configure WAP Settings

- 1 Press **CHANGE** (↩) to select **WAP IP 1**.
- 2 Press keypad keys to enter the IP address of the primary WAP gateway.
- 3 Press **OK** (↵) to store the primary IP address.
- 4 Press **CHANGE** (↩) to select **WAP Port 1**.
- 5 Press keypad keys to enter the WAP port number for the primary WAP gateway IP address.
- 6 Press **OK** (↵) to store the primary port number.
- 7 Press **CHANGE** (↩) to select **WAP IP 2**.
- 8 Press keypad keys to enter the IP address of the secondary WAP gateway.
- 9 Press **OK** (↵) to store the secondary IP address.
- 10 Press **CHANGE** (↩) to select **WAP Port 2**.
- 11 Press keypad keys to enter the WAP port number for the secondary WAP gateway IP address.
- 12 Press **OK** (↵) to store the secondary port number.
- 13 Press **CHANGE** (↩) to select **Timeout**.








- 14 Press  to scroll to the desired inactivity timeout value.
- 15 Press **OK** () to store the timeout value.




Set the CSD Data Rate

Use the data rate option to set the desired data rate for a CSD connection.

- 1 Press **CHANGE** () to select **Data Rate**.
- 2 Press  to scroll to the desired data rate value.
- 3 Press **OK** () to store the data rate value.




Set the CSD Line Type

Use the line type option to set the network data type for a CSD connection.

- 1 Press **CHANGE** () to select **Line Type**.
- 2 Press  to scroll to **Modem** or **ISDN**.
- 3 Press **OK** () to store the line type.




Set Operator Alert Messages

Use the confirmation option to enable or disable operator specific alert messages.

- 1 Press **CHANGE** () to select **Confirmation**.
- 2 Press  to scroll to **On** or **Off**.
- 3 Press **OK** () to store the operator alert value.


Set the Cache Start-Up Value

Use cache start-up to enable or disable the micro-browser's cached memory. When cache start-up is turned on, the micro-browser uses content stored in memory when you launch a browser session. When cache start-up is turned off, the micro-browser downloads content from the WAP gateway server each time you launch a browser session.

- 1 Press **CHANGE** () to select **Cache Start-up**.
- 2 Press  to scroll to **On** or **Off**.
- 3 Press **OK** () to store the operator alert value.

Complete Profile Setup

When you are finished entering information for a network connection profile:

Press **DONE** () to store the profile and return to the **Browser Setup** menu.





Editing a Network Connection Profile





If the micro-browser's home page is not set up properly, or if the micro-browser configuration information is incomplete, your phone displays the message "Browser Setup is incomplete when you start the micro-browser application." Use the browser setup feature to edit the network connection profile if necessary.

You may also want to edit an existing network connection profile, or to temporarily change WAP (wireless application protocol) gateways while roaming. Contact your service provider for additional information.

To edit a network connection profile:

Find the Feature

 > **Settings**
> **Browser Setup**

- 1 Press  to scroll to the profile you want to edit.
- 2 Press  to open the **Browser Setup Menu**.
- 3 Press  to scroll to **Edit**.
- 4 Press **SELECT** () to edit the profile.



Edit a network connection profile by following the procedures described in "Creating a New Network Connection Profile".

Selecting a Network Connection Profile

To use a different network connection profile with the micro-browser:

Find the Feature

 > **Settings**
> **Browser Setup**

- 1 Press  to scroll to the profile you want to use.
- 2 Press **LAUNCH** () to launch the micro-browser using the new profile.

The profile you select becomes the new default profile setting.









Resetting a Network Connection Profile

To reset the default values for a network connection profile:

Find the Feature

 > **Settings**
> **Browser Setup**






- 1 Press  to scroll to the profile you want to reset.
- 2 Press  to open the **Browser Setup Menu**.
- 3 Press  to scroll to **Set Default**.
- 4 Press **SELECT** () to reset the default values for the profile.
The phone displays **Changed: Default Profile**.

Deleting a Network Connection Profile

To delete a network connection profile:

Find the Feature

 > **Settings**
> **Browser Setup**

- 1 Press  to scroll to the profile you want to delete.
- 2 Press  to open the **Browser Setup Menu**.
- 3 Press  to scroll to **Delete**.
- 4 Press **SELECT** () to select **Delete**.
The phone displays **Delete Profile?**
- 5 Press **YES** () to confirm the deletion.







Starting a Micro-Browser Session

To open the micro-browser:

Find the Feature

 > **Browser**

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











- 1 Press  to scroll to a bookmark or service, service, or application.
- 2 Press **SELECT** () to 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  > **Go To**.

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

Interacting With Web Pages

You can perform the following operations on a Web page:

<i>Do This</i>	<i>To</i>
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.
Press  to scroll to a phone number on a Web page, then press 	Tip: Press  to delete one letter at a time if you make a mistake. call the number from the micro-browser.
Press  and 	go back to the previous Web page.
Press 	open the Browser Menu .







Calculator

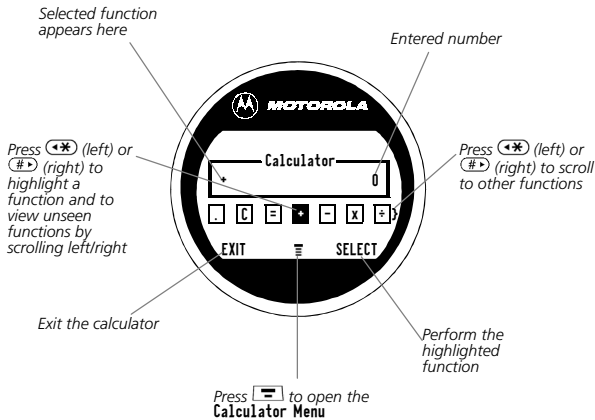
You can use your phone as a convenient calculator and currency converter.

Calculating Numbers

Find the Feature

> Calculator

- 1 Press number keys to enter a number in the calculator.
- 2 Press (left) or (right) to highlight a calculator function.
- 3 Press **SELECT** () to perform the highlighted function.



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
%	Divide the displayed value by 100
€	Calculate the exchange rate
+/-	Change the entry's sign (positive/negative)
MR	Recall the value stored in memory
MS	Store the displayed number in memory
MC	Clear memory





Converting Currency

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

Find the Feature

 > **Calculator**

 > **Exchange Rate**

- 1 Press number keys to enter the exchange rate.
- 2 Press **OK** () to store the exchange rate.
- 3 Press number keys to enter the amount to convert (amount to multiply by the exchange rate).
- 4 Press  (left) or  (right) to highlight the € function.
- 5 Press **SELECT** () to 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


 > Games

- 1 Press  to scroll to the game of your choice.
- 2 Press **SELECT** () to start the game.

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

Press **BACK** ( - left) to return to the games menu.

or

Press **NO** ( - left).

Press **NEW** ( - right) to start another session of the game you just played.

or

Press **YES** ( - right).

Ending a Game

You can end a game at any time.

Press **BACK** ( - left) to end the game session and return to the games menu.

or

Press .



Playing a Game

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 **STAY** () to see the results of the hand.

Press **HIT ME** () to 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
-  = wrong 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 	place a symbol in a space.
Press GUESS 	submit a guess (when all four spaces contain symbols).
Select  and then press 	scroll through and view a history of your last 10 guesses.






Paddleball

In this test of endurance, your mission is 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.

How to play

Press  to 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 select one of five different alert profiles:



Loud ring



Soft ring



Vibrate



Ring and vibrate




Silent



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

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

 > Settings > Ring/Vibrate
> Alert

- 1 Press  to scroll to the alert profile you want to use.
- 2 Press **SELECT** () to select the alert profile.
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 profile's ringer volume and keypad volume.

Find the Feature

 > Settings > Ring/Vibrate
> Alert Detail

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








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").

Creating a Tone

Find the Feature

 > Settings > Ring/Vibrate
> My Tones

- 1 Press  to scroll to **[New Tone]**.
- 2 Press **SELECT** () to select **[New Tone]**.
- 3 Press **CHANGE** () to select **Notes**.
- 4 Press keypad keys to enter notes for the tone (see "Entering Notes").
- 5 Press **OK** () to store the notes.
- 6 Press **CHANGE** () to select **Name**.
- 7 Press keypad keys to enter the name for the tone.
- 8 Press **OK** () to store the name.
- 9 Press **DONE** () to store the tone.





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	Display	Description
1	1	set octave one
	2	set octave two
	3	set octave three
2 <small>oct</small>	A	note A
	B	note B
	C	note C
	2	set octave two
3 <small>oct</small>	D	note D
	E	note E
	F	note F
	3	set octave three
4 <small>oct</small>	G	note G
	R	rest
7 <small>sharp</small>	#	sharp
	b	flat
0 <small>+</small>	q	quarter note or quarter rest
	h	half note or half rest
	w	whole note or whole rest
< <small>*</small>		move cursor left
# <small>></small>		move cursor right























Enter a note as follows:

Task	Action
Change the octave	Set the new octave (1 , 2 , or 3) <i>before</i> 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) <i>after</i> 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) <i>after</i> 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 <i>after</i> the rest, just as you can for a note.
Listen to a new tone as you compose it	Press  to enter the Compose Menu , and select Play All to play the notes you have entered.

Example

Press these 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):

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











Playing a Tone

Find the Feature

 > Settings > Ring/Vibrate
> My Tones






- 1 Press  to scroll to the tone you want to play.
- 2 Press  to open the **My Tones Menu**.
- 3 Press  to scroll to **Play**.
- 4 Press **SELECT** () to select **Play**.
The phone displays the playback meter and plays the tone.
- 5 Press **PLAY** () to play the tone again.
or
CANCEL () to return to the my tones list.

Editing a Tone

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

Find the Feature

 > Settings > Ring/Vibrate
> My Tones

- 1 Press  to scroll to the tone you want to edit.
- 2 Press **EDIT** () to open the tone details.
- 3 Press  to scroll to the details you want to edit (**Name** or **Notes**).
- 4 Press **CHANGE** () to select the details you want to edit.
- 5 Press keypad keys to enter new text or notes (see "Entering Notes").
- 6 Press **OK** () to store the details.










Deleting a Tone

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

Find the Feature

 > **Settings** > **Ring/Vibrate**
> **My Tones**



- 1 Press  to scroll to the tone you want to delete.
- 2 Press  to open the **My Tones Menu**.
- 3 Press  to scroll to **Delete**.
- 4 Press **SELECT** () to select **Delete**.
- 5 Press **YES** () to confirm the deletion.

Reminders

Reminders are alerts that ring or vibrate to notify you about a voicemail or text message you have received, or a datebook event you have scheduled. To set or turn off reminders:

Find the Feature

 > **Settings** > **Ring/Vibrate**
> **Alert Detail** > **Reminders**

- 1 Press  to 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 Press **SELECT** () to select the reminder alert.





Call Divert



Call Divert sends your phone's incoming voice, fax, and/or data calls directly to another phone number. Use call divert 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 divert.

Set Up or Cancel Call Divert

The call divert 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 divert numbers if you are out of range, unable to answer, or busy (voice calls only). |
| Off | does not divert calls. |

Find the Feature

> Settings > Call Divert

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

You can repeat this procedure to enter divert information for other call types.








Check Call Divert Status

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

Find the Feature


 > Settings > Call Divert
> Divert Status





- 1 Press  to scroll to **Voice, Fax, or Data calls**.
- 2 Press **View** () to 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


 > Settings > Other Settings
> Personalise > Main Menu





- 1 Press  to scroll to the menu item you want to move.
- 2 Press **GRAB** () to grab the menu item you want to move.
- 3 Press  to move the item up or down the menu.
- 4 Press **INSERT** () to insert the item in the new location.

Customising a Soft Key Function

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

Find the Feature

 > Settings > Other Settings
> Personalise > Keys

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






Hands-Free Use

You can use your phone without using your hands by using the phone headset. Be sure that your phone is rotated open.




You can also purchase an optional Motorola Original™ Easy-Install Hands-Free Kit for your car. This accessory provides an alternative way for you to use your phone without using your handset.







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

Automatic Answer

When you activate automatic answer and connect your phone to the Easy-Install Hands-Free Kit or phone headset, your phone automatically answers calls after two rings.

Find the Feature

 > Settings > Other Settings



- 1 Press  to scroll to **Car Settings** or **Headset**.
- 2 Press **SELECT** () to select the feature.
- 3 Press  to scroll to **Auto Answer**.
- 4 Press **SELECT** () to select **Auto Answer**.
- 5 Press  to scroll to **On** or **Off**.
- 6 Press **SELECT** () to confirm the setting.

Automatic Hands-Free

You can set up your phone to automatically route calls to the Easy-Install Hands-Free Kit when it detects a connection.

Find the Feature

 > Settings > Other Settings
> Car Settings
> Auto Handsfree

- 1 Press  to scroll to **On** or **Off**.
- 2 Press **SELECT** () to confirm the setting.







Power-Off Delay

When your phone is connected to the Easy-Install Hands-Free 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

 > Settings > Other Settings
> Car Settings
> Power-Off Delay

- 1 Press  to scroll to the time delay option you want.
- 2 Press **SELECT** () to confirm your selection.



I 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.

Charger Time

When your phone is connected to the Easy-Install Hands-Free 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

 > Settings > Other Settings
> Car Settings
> Charger Time

- 1 Press  to scroll to the charge time option you want.
- 2 Press **SELECT** () to 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.
- ☞ *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 a serial cable or a USB cable.

- ☞ *Not all devices are compatible with 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.

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



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 your 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 your 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.

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.

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" 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).
 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.

Transfer the Data or Fax

Connect your phone (see “Connecting Your Phone to an External Device”).

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.

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”) and do the following:

- 1 Press keypad keys to enter the phone number for the call.
- 2 Press  to open the **Dialling Menu**.
- 3 Press  to scroll to **Talk Then Fax**.
- 4 Press **SELECT** () to select **Talk Then Fax** (for the next call only).
- 5 Press  to 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 device.










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.






 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:  > **Settings** > **Security** > **Phone Lock** > **UnLock Code**.

To change a code or password:

Find the Feature

 > **Settings** > **Security**
> **New Passwords**



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

- 1 Press  to go to the unlock code bypass screen.
- 2 Press keypad keys to enter your security code.
- 3 Press **OK** () to submit your security code.

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”.

Lock Your Phone Manually

Find the Feature

 > **Settings** > **Security**
> **Phone Lock** > **Lock Now**


- 1 Press keypad keys to enter your four-digit unlock code.
- 2 Press **OK** () to 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

 > **Settings** > **Security**
> **Phone Lock** > **Automatic Lock**
> **On**

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





Unlock Your Phone

At the **Enter Unlock Code** prompt:

- 1 Press keypad keys to enter your four-digit unlock code. The unlock code is originally set to 1234. If necessary, see “If You Forget a Code or Password”.
- 2 Press **OK** (◻) to unlock your phone.

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

☰ > **Settings > Security**
> **Call Barring**

- 1 Press ⌵ to scroll to **Outgoing** or **Incoming** calls.
- 2 Press **CHANGE** (◻) to select barring for **Outgoing** or **Incoming** calls.
- 3 Press ⌵ to scroll to a restriction for the barred calls.
- 4 Press **SELECT** (◻) to select the restriction for the barred calls.
- 5 Press keypad keys to enter your call barring password.
- 6 Press **OK** (◻) to 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

☰ > **Settings > Security**
> **SIM PIN**

- 1 Press ⌵ to scroll to **On** or **Off**.
- 2 Press **SELECT** (◻) to switch protection on or off.
- 3 Press keypad keys to enter your SIM card PIN code.
- 4 Press **OK** (◻) to 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.

In the following key sequence, each keypress must occur within two seconds of the previous keypress.

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

- 1 Press *** * 0 # * *** to open the PIN unblocking editor.
Your phone prompts you to enter the **PIN1 Unblock Sequence**.
- 2 Press keypad keys to enter the PUK code.
- 3 Press **OK (•)** to submit the PUK code.
Your phone prompts you to **Enter New SIM PIN**.
- 4 Press keypad keys to enter a new SIM card PIN code.
 The SIM PIN code must be between four and eight digits in length.
- 5 Press **OK (•)** to assign the new SIM PIN code.
Your phone prompts you to **Re-enter New SIM PIN**.
- 6 Press keypad keys to re-enter your SIM card PIN code.
- 7 Press **OK (•)** to confirm the new SIM PIN code and unblock the SIM card.

Unblock the SIM Card PIN2 Code

If you enter an incorrect SIM card PIN2 code three times in a row, your SIM card PIN2 features are disabled and your phone displays the message **SIM Blocked** when you try to use a feature that requires PIN2 authorization. You need to enter a PIN2 unblocking key (PUK2) code, which you can obtain from your service provider.

- 1 Press *** * 0 # 2 * *** to open the PIN2 unblocking editor.
Your phone prompts you to enter the **PIN2 Unblock Sequence**.
- 2 Press keypad keys to enter the PUK code.
- 3 Press **OK (•)** to submit the PUK code.
Your phone prompts you to **Enter New SIM PIN2**.
- 4 Press keypad keys to enter a new SIM card PIN2 code.
 The SIM PIN2 code must be between four and eight digits in length.
- 5 Press **OK (•)** to assign the new SIM PIN2 code.
Your phone prompts you to **Re-enter New SIM PIN2**.
- 6 Press keypad keys to re-enter your SIM card PIN2 code.
- 7 Press **OK (•)** to confirm the new SIM PIN2 code and unblock the SIM card.











Locking and Unlocking Applications

You can lock many phone applications (for example, the phonebook or datebook) so that users must enter the unlock code to use them.

Find the Feature

 > **Settings > Security**
> **Lock Application**

- 1 Press keypad keys enter your four-digit unlock code.
- 2 Press **OK** () to open the lock applications menu.
- 3 Press  to scroll to the application you want to lock or unlock.
- 4 Press **CHANGE** () to select the application.
- 5 Press  to scroll to **Locked** or **Unlocked**.
- 6 Press **SELECT** () to select **Locked** or **Unlocked**.












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" and "Battery Use".
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 to reset your phone's frequency to 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 and Battery".
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 volume key on the side of your phone.
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 gotten 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:

<i>Problem</i>	<i>Solution</i>
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".
I pressed the End/Power key, but nothing happened.	Be sure to press and hold  (the End/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 "Charging the Battery".
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 and Battery".  <i>Be sure to turn your phone off and then back on after you re-insert the SIM card.</i>
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".
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". 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".
My phone does not ring.	If you see  or  in the display, then the ringer is turned off. See "Ring/Vibrate". Also, the ringer may be set to Silent even though your phone is set to a ring alert profile. See "Customise an Alert Profile".
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".








<i>Problem</i>	<i>Solution</i>
I tried to place a call and heard an alternating high/low tone.	Your call did not reach the wireless system. You may have dialed the number too soon after turning the phone on. Wait until the display shows the name of your service provider before making a call.
I cannot send/receive calls.	<p>Make sure that you have a phone signal. See the "Signal Strength Indicator" item. Avoid electrical or radio interference, and obstructions such as bridges, parking garages, or tall buildings.</p> <p>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 ([Menu] > Settings > Security). Also, check to be sure your SIM card is installed and working.</p>
My phone has poor reception and drops calls.	<p>Make sure that your antenna is not bent or damaged.</p> <p>Also, make sure you have a phone signal. See the "Signal Strength Indicator" item. Stay clear of any obstructions such as bridges, parking garages, or tall buildings.</p>
I cannot hear others on my phone.	<p>While on a call, press the volume key on the left side of your phone. Your phone display should show the volume increasing.</p> <p>Also, make sure that your phone's earpiece is not blocked by its carrying case.</p>
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".
How do I see the calls I sent or received?	<p>To see the most recent calls you dialed or received, open the "Recent Calls" lists:</p> <p>[Menu] > Recent Calls > Received Calls or Dialed Calls</p>







<i>Problem</i>	<i>Solution</i>
<p>My phone will not send voicemail commands, passwords, or other codes.</p>	<p>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.</p> <ol style="list-style-type: none">1 From the idle display, press:  > Settings > Other Settings > Initial Setup > DTMF2 Press  to scroll to Long or Short.3 Press SELECT () to select it.
<p>My phone's display is too light.</p>	<p>You can use the Contrast Setting feature to change the level of contrast in your phone display.</p> <p>You can also use the Backlight feature to change the length of time that your phone's display backlight stays on.</p>
<p>My battery didn't last as long as I expected. What can I do to extend battery life?</p>	<p>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".</p>
<p>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?</p>	<p>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.</p> <p>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.</p>
<p>My phone beeped when I attached the data cable, but my fax and data applications don't work.</p>	<p>Some wireless networks may not support data or fax transmission. If you are roaming on an unfamiliar network, this may be the case.</p> <p>Also, remember that data and fax transmission usually requires a subscription. Call your service provider for more information.</p>





<i>Problem</i>	<i>Solution</i>
When sending data with the data cable, why does the computer show a connection rate of 19200 Kbps?	19200 Kbps 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 14400 or 9600 Kbps.  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.







Product Registration

Online Product Registration:

<http://www.motorola.com/warranty>

Product registration is an important step toward enjoying your new Motorola phone. Registering helps us facilitate warranty service, and permits us to contact you should your phone require an update or other service. Registration is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.







Specific Absorption Rate Data

This model phone meets the government's requirements for exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your phone model, the SAR limit is 2.0 W/kg*. Tests for SAR are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions and locations (e.g., at the ear and worn on the body) that conform to a uniform testing methodology determined by an expert standards body. The highest SAR value for this model phone when tested for use at the ear is 0.97 W/kg and when worn on the body, as described in this user guide, is 0.52 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure.

* The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.





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