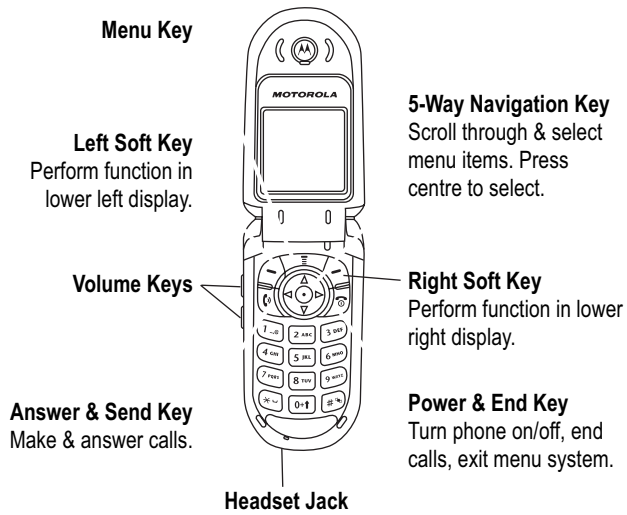


Welcome

Welcome to the world of Motorola digital wireless communications!
We are pleased that you have chosen the Motorola V180 GSM wireless phone.





www.motorola.com

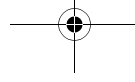
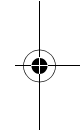
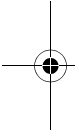
MOTOROLA and the Stylised M Logo are registered in the US Patent & Trademark Office. Java and all other Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries. All other product or service names are the property of their respective owners.

© Motorola, Inc., 2004

Software Copyright Notice

The Motorola products described in this manual may include copyrighted Motorola and third-party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola and third-party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in the Motorola products may not be modified, reverse-engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of the Motorola products shall not be deemed to grant either directly or by implication, estoppel, or otherwise, any licence under the copyrights, patents, or patent applications of Motorola or any third-party software provider, except for the normal, non-exclusive, royalty-free licence to use that arises by operation of law in the sale of a product.

While Products specifications and features may be subject to change without notice, we are making every possible effort to ensure that user manuals are updated on a regular basis to reflect product functionality revisions. However, in the unlikely event that your manual version does not fully reflect the core functionality of your product, please let us know. You may also be able to access up-to-date versions of our manuals in the consumer section of our Motorola web site, at <http://www.motorola.com>.



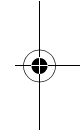
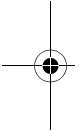
Contents

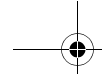
Safety and General Information	6
Getting Started	13
About This Guide	13
Installing the SIM Card	13
Battery Use	14
Installing the Battery	15
Charging the Battery	16
Changing Your Phone's Lens	17
Turning Your Phone On	18
Adjusting Volume	19
Making a Call	20
Answering a Call	20
Viewing Your Phone Number	20
Highlight Features	21
USB Connectivity	21
Sending a Multimedia Message	21
Receiving a Multimedia Message	23
Learning to Use Your Phone	25
Using the Display	25
Using the 5-Way Navigation Key	29
Using Menus	30
Entering Text	32
Using the External Display	41
Using the Handsfree Speaker	41
Changing a Code, PIN, or Password	42
Locking and Unlocking Your Phone	42
If You Forget a Code, PIN, or Password	44
Using the Phonebook	44

Setting Up Your Phone	47
Setting the Time and Date	47
Setting a Ring Style	47
Setting a Wallpaper Image	48
Setting a Screen Saver Image	49
Setting Display Colour	50
Adjusting the Backlight	50
Setting Display Timeout	50
Calling Features	51
Changing the Active Line	51
Redialling a Number	51
Using Automatic Redial	51
Using Caller ID	52
Cancelling an Incoming Call	53
Calling an Emergency Number	53
Dialling International Numbers	54
Viewing Recent Calls	54
Returning an Unanswered Call	55
Using the Notepad	56
Attaching a Number	56
Calling with Speed Dial	56
Calling with 1-Touch Dial	57
Using Voicemail	57
Using Call Waiting	58
Putting a Call On Hold	59
Transferring a Call	59
Phone Features	61
Menu Map	61
Calling Features	63
Messages	63
Instant Messaging	64
Chat	65



Phonebook	65
Personalising Features	67
Menu Features	69
Dialling Features	70
Call Monitoring	71
Handsfree Features	72
Data and Fax Calls	73
Network Features	73
Personal Organiser Features	74
Security	75
News and Entertainment	76
Specific Absorption Rate Data	78
Index	80





Safety and General Information

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

The information provided in this document supersedes the general safety information in user guides published prior to December 1, 2002.

Exposure To Radio Frequency (RF) Energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Your Motorola phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

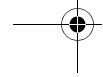
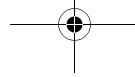
Operational Precautions

To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards, always adhere to the following procedures.

External Antenna Care

Use only the supplied or Motorola-approved replacement antenna. Unauthorised antennas, modifications, or attachments could damage the phone.

Do NOT hold the external antenna when the phone is IN USE. Holding the external antenna affects call quality and may cause the phone to operate at a higher power level than needed. In addition, use of unauthorised antennas may result in non-compliance with the local regulatory requirements in your country.



Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline telephone.

Body-Worn Operation

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines. If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 1 inch (2.5 centimetres) from your body when transmitting.

Data Operation

When using any data feature of the phone, with or without an accessory cable, position the phone and its antenna at least 1 inch (2.5 centimetres) from your body.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries and antenna, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at www.Motorola.com.

RF Energy Interference/Compatibility

Note: *Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.*



Facilities

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Aircraft

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

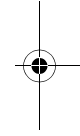
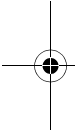
Medical Devices

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (15 centimetres) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimetres) from your pacemaker when the phone is turned ON.
- NOT carry the phone in the breast pocket.
- Use the ear opposite the pacemaker to minimise the potential for interference.
- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

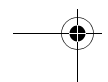
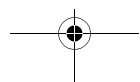


Hearing Aids

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

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your GP may be able to assist you in obtaining this information.



Use While Driving

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

When using your phone while driving, please:

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

Operational Warnings

For Vehicles With an Air Bag

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

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere, unless it is a phone type especially qualified for use in such areas and certified as "Intrinsically Safe." Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note: *The areas with potentially explosive atmospheres referred to above include 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. Areas with potentially explosive atmospheres are often but not always posted.*






Blasting Caps and Areas

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

Batteries

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, bag, or other container with metal objects. **Use only Motorola original batteries and chargers.**

Your battery or phone may contain symbols, defined as follows:

Symbol	Definition
	Important safety information will follow.
	Your battery or phone should not be disposed of in a fire.
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Your battery or phone should not be thrown in the trash.
	Your phone contains an internal lithium ion battery.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to blinking lights, such as when watching television



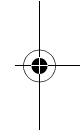
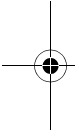
or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor before playing video games on your phone or enabling a blinking-lights feature on your phone. (The blinking-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate blinking lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

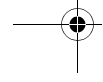
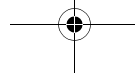
- Do not play or use a blinking-lights feature if you are tired or need sleep.
- Take a minimum of a 15-minute break hourly.
- Play in a room in which all lights are on.
- Play at the farthest distance possible from the screen.



Repetitive Motion Injuries

When you play games on your phone, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

- Take a minimum 15-minute break every hour of game playing.
- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.
- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.



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

Getting Started

About This Guide

This guide describes the basic features of your Motorola wireless phone.

Optional Features



This label identifies an optional network, SIM card, or subscription-dependent feature that may not be offered by all service providers in all geographical areas. Contact your service provider for more information.

Optional Accessories

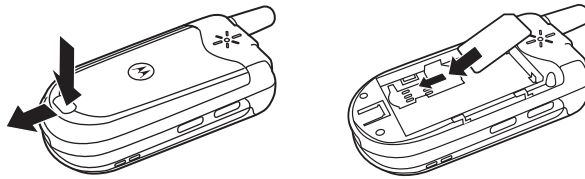


This label identifies a feature that requires an optional Motorola Original™ accessory.

Installing the SIM Card

Your SIM (Subscriber Identity Module) card contains your phone number, service details, and phonebook/message memory.

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



1

2

Battery Use

Battery performance depends on many factors, including your wireless carrier's network configuration; signal strength; the temperature at which you operate your phone; the features and/or settings you select and use; items attached to your phone's accessory connector; and your voice, data, and other application usage patterns.

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

To maximise your battery's performance:

- Always use Motorola Original batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.
- New batteries or batteries that have been stored for a long 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.
- 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 rechargeable batteries that power this phone must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling centre for proper disposal methods.

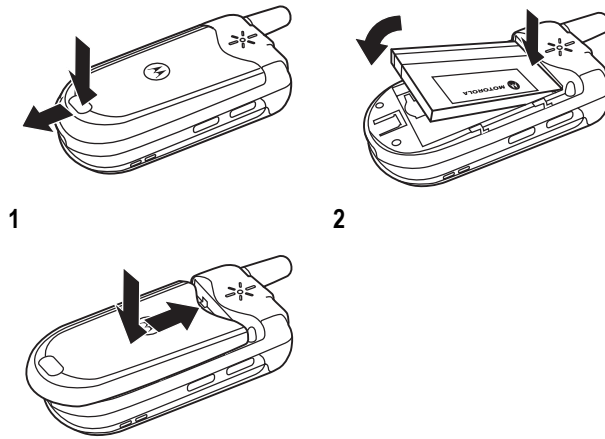
Warning: Never dispose of batteries in a fire because they may explode.

Installing the Battery

Note: *If necessary, remove the battery from its protective clear plastic case.*



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

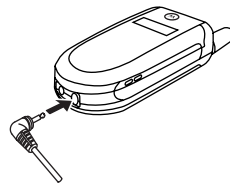


Charging the Battery

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

Action

- 1 Plug the travel charger into the bottom of your phone.



- 2 Plug the other end of the travel charger into the appropriate electrical outlet.
- 3 When your phone indicates **Charge Complete**, remove the travel charger.

Tip: You can safely leave the travel charger connected to your phone after charging is complete. This will not damage the battery.

Changing Your Phone's Lens

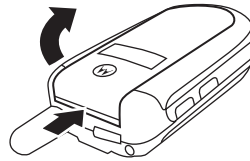


Always use Motorola Original® lenses. The phone warranty does not cover damage caused from using non-Motorola accessories.

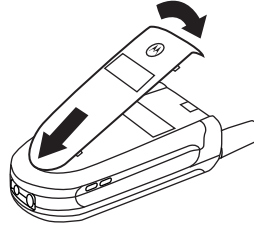
Your phone has a removable lens that you can replace to change its appearance.

Action

- 1 Use your fingernail to lift the top of the lens and pull it away from the phone.




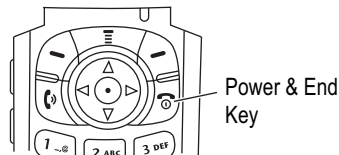
- 2 Insert the tab at the bottom of the new lens into the bottom of the phone flip, then use your thumbs to press along the sides of the lens as you press it into place.



Turning Your Phone On

Action

- 1 Press and hold  for 2 seconds to turn on the phone.



Action

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

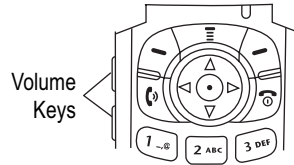
Caution: If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays SIM Blocked.

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

Adjusting Volume

Press the up and down volume keys to:



- increase or decrease earpiece volume during a call
- increase or decrease the ringer volume setting when the home screen is visible



Tip: At the lowest volume setting, press the down volume key once to switch to vibrate alert. Press it again to switch to silent alert. Press the up volume key to switch back to vibrate alert, then ring alert.




- turn off an incoming call alert by setting your ringer volume to **Silent**

Making a Call



Press		To
1	keypad keys	dial the phone number
2		make the call
3		end the call and "hang up" the phone when you are finished


Answering a Call

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

Press		To
1	 or ANSWER 	answer the call
2		end the call and "hang up" the phone when you are finished

Viewing Your Phone Number

To view your phone number from the home screen, press  .

While you are on a call, press  > **My Tel. Numbers**.

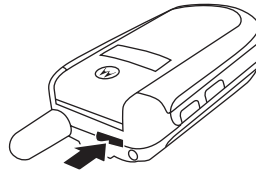
Highlight Features

You can do much more with your phone than make and receive calls! This section describes some of your phone's highlight features.

USB Connectivity

Your phone features a USB port for quick and easy connection to a PC so you can make data and fax calls (see page 73).

Note: USB data cables and supporting software are sold separately.



Sending a Multimedia Message



A **Multimedia Messaging Service (MMS)** message contains one or more slides with text and embedded media objects (including pictures, animations, sounds, or voice records). You can send the multimedia message to other wireless phone users, and to email addresses.

Find the Feature



> **Messages** > **New Message**
> **New Multimedia Msg**

Note: Depending on your service provider, your phone may list the option shown above as **New Picture Msg** rather than **New Multimedia Msg**.

Press

1 keypad keys

To

enter slide text

Tip: You can press  to open the **MMS Menu** and select **INSERT** () to insert a **Picture, Voice Record, Sound, Soundtrack, New Page, Quick Note, or Contact info.**

2 **OK** ()


store the message

3 

scroll to a **Send To** option:


- Highlight **(One Time Entry)** to enter one or more phone numbers and/or email addresses.
- Highlight **(New Phonebook Entry)** to enter a number/address and add it to the phonebook.
- Or highlight an existing phonebook entry.

4 **SELECT** ()

select **(One Time Entry)** or **(New Phonebook Entry)** and enter a number/address. Press **DONE** () when you are finished.

or

ADD ()

add a phonebook entry to the list of recipients. Press **OK** () when you are finished.

5 

scroll to **Subject**




6 **CHANGE** ()

select **Subject**

Press	To
7 keypad keys	enter the subject
8 OK (↵)	store the subject
9 CHANGE (↵)	select Attachments
10 (⊙)	scroll to Picture or Sounds
11 SELECT (↵)	select the file type
12 (⊙)	highlight the file you want
13 SELECT (↵)	attach the file
14 BACK (↵)	return to the message editor
15 (⊙)	scroll to Receipt
16 CHANGE (↵)	select Receipt
17 ADD (↵) or REMOVE (↵)	activate/deactivate the delivery report
18 DONE (↵)	return to the message editor
19 SEND (↵)	send the message
or	
(⊙)	send the message, view message details, save the message in the drafts folder, or cancel the message

Receiving a Multimedia Message



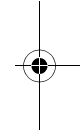
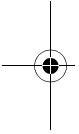
When you receive an MMS message, your phone displays the  (message waiting) indicator and a **New Message** notification, and sounds an alert.

Press	To
READ (↵)	open the message



MMS messages that you receive can contain the following media objects:

- Pictures, and animations are displayed as you read the message.
- A sound file begins playing when its slide is displayed.
- Attached files are added to the end of the message. To open the attachment, highlight the file indicator/filename and press **VIEW** (Ⓜ) (image file type), **PLAY** (Ⓜ) (sound file), or **OPEN** (Ⓜ) (object such as phonebook or datebook entry, or unknown file type).

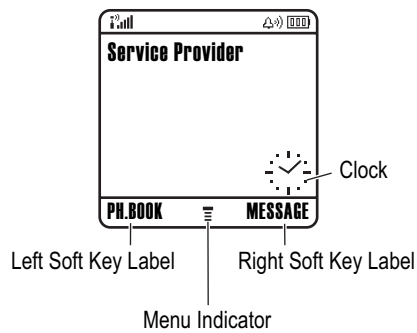


Learning to Use Your Phone

See page 1 for a basic phone diagram.

Using the Display

The *home screen* displays when you are **not** on a call or using the menu. You must be in the home screen to dial a phone number.



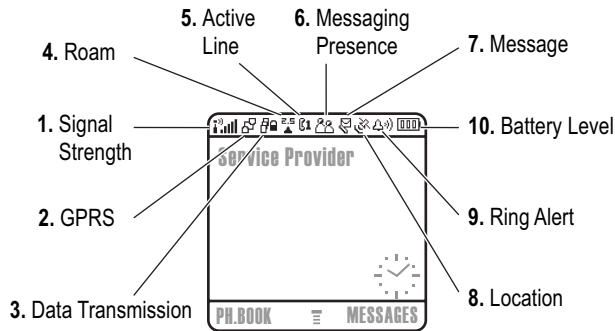
Note: Your home screen may look different than the display shown above, depending on your service provider.

The ☰ (menu) indicator indicates that you can press the menu key (☰) to enter the main menu.

Labels at the bottom corners of the display show the current soft key functions. Press the left soft key (☰) or right soft key (☰) to perform the function indicated by the left or right soft key label.

Your phone can display an analogue or digital clock in the home screen (see page 68).

The following status indicators can display:



1. Signal Strength Indicator

Vertical bars show the strength of the network connection. You cannot make or receive calls when the (no signal) indicator or (no transmit) indicator displays.

2. GPRS Indicator







Shows that your phone is using a high-speed General Packet Radio Service (GPRS) network connection. GPRS allows faster data transfer speeds. Indicators can include:

= GPRS PDP context active


= GPRS packet data available

3. Data Transmission Indicator

Shows connection and data transmission status. Indicators can include:




- | | |
|---|---|
|  = secure packet data transfer |  = insecure packet data transfer |
|  = secure application connection |  = insecure application connection |
|  = secure Circuit Switch Data (CSD) call |  = insecure CSD call |




4. Roam Indicator

 Shows when your phone is seeking or using another network outside your home network. Indicators can include:

- | | |
|---|---|
|  = 2.5G home |  = 2.5G roam |
|  = 2G home |  = 2G roam |

5. Active Line Indicator

 Shows  or  to indicate the current active phone line. Other indicators can include:


- | | |
|---|---|
|  = line 1 active, call divert on |  = line 2 active, call divert on |
|  = alarm activated | |


6. Messaging Presence Indicator





Shows when Instant Messaging (IM) is active. Indicators can include:


 = IM active

 = available for IM


 = busy

 = invisible to IM

 = available for phone calls

 = offline


Note: Your Instant Messaging feature may have a different name and may display different icons, depending on your service provider.

When a Java application is active, the  (Java midlet) indicator can display in this location.


7. Message Indicator





Displays when you receive a new message. Indicators can include:

 = text message

 = voicemail message

 = IM message

 = active chat session

 = voicemail and text message

When you enter a message, a number in this location shows the number of characters left on the current page (text message), or the message size (multimedia message).

8. Location Indicator




Your phone may be able to send location information to the network during an emergency call. Indicators show when your phone is sending location information:


 = location on

 = location off


9. Ring Style Indicator


Shows the ring style setting.

 = loud ring

 = soft ring

 = vibrate

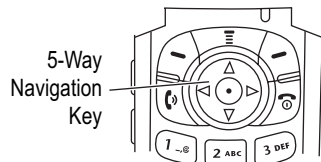
 = vibrate and ring


 = silent

10. Battery Level Indicator


Vertical bars show the battery charge level. Recharge the battery when **Low Battery** displays and the battery alert sounds.

Using the 5-Way Navigation Key



Use the 5-way navigation key () to scroll up, down, left, or right through the menu system, highlight menu items, change feature settings, and play games. Press the centre select button to select a highlighted menu item.

Using Menus

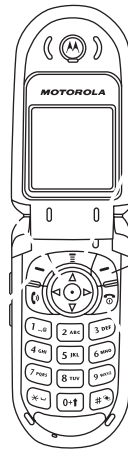
From the home screen, press  to enter the main menu.

5-Way Navigation Key

Scroll up, down, left, or right.
Press centre to select.

Left Soft Key

Perform left function.



Menu Key


Enter menu system.










Right Soft Key

Perform right function.

End Key

Exit menu without making changes.

Press  to scroll to and highlight a menu feature icon in the main menu. The following icons represent features that may appear in the main menu, depending on your service provider and service subscription options.




Icon	Feature	Icon	Feature
	Games & Apps		Multimedia
	Office Tools		Settings
	IM		Web Access
	Phonebook		Recent Calls
	Messages		

Note: Your Instant Messaging menu icon may be different than the one shown above, depending on your service provider.

Selecting a Menu Feature

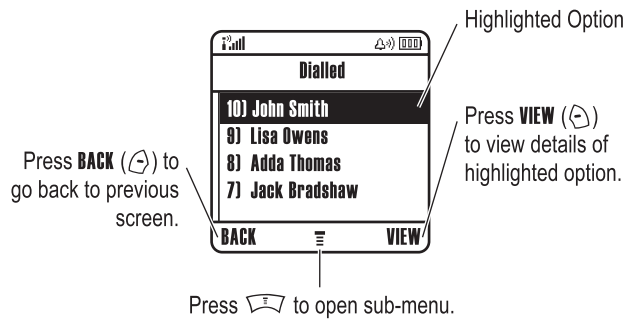
To select a menu feature, starting from the home screen:


Find the Feature  > Recent Calls > Dialed Calls

This example shows that from the home screen, you must press , scroll to and select  **Recent Calls** from the main menu, then scroll to and select **Dialed Calls**. Press  to scroll, and the left/right soft keys to select the functions listed in the bottom left and right corners of the display.

Selecting a Feature Option

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



Press  to scroll up or down to highlight the option you want.

- In a numbered list, press a number key to highlight the option.
- In an alphabetised list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list option.

When an option displays a list of possible values, press left or right to scroll through and select a value.

When an option displays a list of possible numeric values, press a number key to set the value.

Entering Text

Some features require you to enter information.

Press to scroll down to other options.

Press **CANCEL** () to go back to previous screen.

Highlighted Option

Press **CHANGE** () to view details of highlighted option.

The message centre lets you compose and send text messages. A *Character Counter* indicates how many more characters will fit in a message.

For indicator descriptions, see following section.

Character Counter

Press to open sub-menu.


Flashing cursor indicates insertion point.

Press **CANCEL** () to exit without making changes.

Press **INSERT** () to insert a quick note, picture, or sound.

Choosing a Text Entry Mode


Multiple text entry modes make it easy for you to enter names, numbers, and messages. The method you select remains active until you select another method.

Press  in any text entry screen to select one of the following entry modes:

- Primary** The primary text entry mode (see below to set).
- Numeric** Enter numbers only (see page 39).
- Symbol** Enter symbols only (see page 39).
- Secondary** The secondary text entry mode (see below to set).


Alternatively, you can select a text entry mode in any text entry screen by pressing  > **Entry Mode**.

Setting Up a Text Entry Mode

Press  > **Entry Setup** from any text entry screen. Select **Primary Setup** or **Secondary Setup**, and choose:

- ITAP** Let the phone predict each word as you press keys (see page 37).
- Tap** Enter letters and numbers by pressing a key one or more times.
- Tap Extended** Enter letters, numbers, and symbols by pressing a key one or more times.
- None** Hide the Secondary setting (available only for **Secondary Setup**).













Using Capitalisation

Press  in any text entry screen to change text case. The following indicators on your phone's display show capitalisation status:



-  = no capital letters
-  = capitalise next letter only
-  = all capital letters

Text Entry Mode Indicators

When you select the **Primary** or **Secondary** text entry mode, the following indicators identify the text entry setting:

Primary	Secondary	Description
		Tap, no capital letters
		Tap, capitalise next letter only
		Tap, all capital letters
		iTAP, no capital letters
		iTAP, capitalise next letter only
		iTAP, all capital letters




The following indicators identify **Numeric** or **Symbol** entry mode:


-  = numeric method
-  = symbol method

Using Tap Method

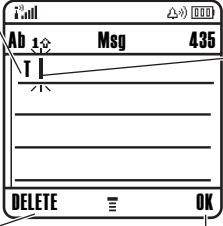
This is the standard method for entering text on your phone.

Tap method cycles through the letters and number of the key you press. Tap Extended method also cycles through additional symbols as shown in the chart on page 36.

Press	To
1 a keypad key 1 or more times	select a letter, number, or symbol
2 keypad keys	enter remaining characters Tip: Press  right to accept a word completion, or  to insert a space.
3 OK ()	store the text


In a text entry screen, you can press  to switch entry modes. If **Tap** or **Tap Extended** is not available as the **Primary** or **Secondary** entry mode, see page 33.


When you enter text with **Tap** or **Tap Extended** method, the soft key functions change.



Character displays at insertion point.

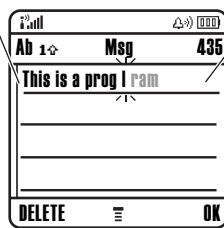
After 2 seconds, character is accepted and cursor moves to next position.

Press **DELETE** () to delete character to left of insertion point.

Press **OK** () to accept and store text.

When you enter 3 or more characters in a row, your phone may guess the rest of the word. For example, if you enter **prog** you might see:

Character displays at insertion point.





Press to accept **program**, or press to reject it and enter a space after **prog**.


If you want a different word (such as **progress**), continue pressing keypad keys to enter the remaining characters.

Character Chart




Use this chart as a guide for entering characters with **Tap Extended** method.

	. ? ! , @ ' - _ : ; () & " ~ 1 0 ; % £ \$ ¥ ¢ € + x * / \ [] = > < # \$
	a b c 2 á â ã ä å ç æ
	d e f 3 é ê ë è
	g h i 4 í î ï
	j k l 5
	m n o 6 ñ ó ò ô õ ö ø
	p q r s 7
	t u v 8 ú û ü
	w x y z 9
	change text case, for capital letters

	enter a space (hold to enter a return)
	change text entry mode (hold for default)

Note: This chart may not reflect the exact character set available on your phone. In an email address or URL editor,  first shows common characters for that editor.

Tap Method Text Entry Rules

- Press a keypad key repeatedly to cycle through its characters.
- Press  left or right to move the flashing cursor to the left or right in a text message.
- The first character of every sentence is capitalised. If necessary, press  down to force the character to lowercase before the cursor moves to the next position.
- If you enter or edit information and do not want to save the changes, press  to exit without saving.

Using iTAP™ Method

iTAP™ software provides a predictive text entry mode that lets you enter a word using one key press per letter. This can be faster than Tap method, because your phone combines the keypresses into common words.

For example, if you press , letter combinations that match your key presses display:

The screenshot shows a text entry screen with the following elements:

- Top status bar: Signal strength, battery, and time.
- Header: "Ab 1" and "Msg 435".
- Text input field: "Prog I ram" with a cursor at the end.
- Bottom row of keys: "DELETE", a menu icon, and "SELECT".

Annotations with arrows pointing to specific keys:

- Press **DELETE** () to delete last letter.
- Press **SELECT** () to lock highlighted combination.
- Press to accept **Program**.
- Press to highlight another combination. Press to enter **Prog** and a space.

If you want a different word (such as **Progress**), continue pressing keypad keys to enter the remaining characters.

Entering Words

In a text entry screen, you can press to switch entry modes. An indicator shows which method is active (see page 34). If **ITAP** method is not available as the **Primary** or **Secondary** entry mode, see page 33.

Press	To
1 keypad keys (1 press per letter)	show possible letter combinations at the bottom of the display
2 left or right	highlight the combination you want

Press

3 SELECT (⏏)

To

lock a highlighted combination

You can press keypad keys to add more letters to the end of the combination.

or



enter the highlighted combination when it spells a word

A space is automatically inserted after the word.

If you enter a word your phone does not recognise, the phone stores it to use as one of your word options. When you fill memory space for unrecognised words, your phone deletes the oldest words to add new words.

Note: The iTAP method may not be available for all languages.




Using Numeric Method

In a text entry screen, press (123) to switch entry modes until the 123 (numeric) indicator displays.

Press keypad keys to enter the numbers you want. When you finish entering numbers, press (123) to switch to another entry mode.













Using Symbol Method


In a text entry screen, press (☺) to switch entry modes until the ☺ (symbol) indicator displays.

Press	To
1 keypad keys (1 press per symbol)	show possible symbol combinations at the bottom of the display
2  left or right	highlight the combination you want
3 SELECT ()	lock a highlighted combination
	You can press keypad keys to add more symbols to the end of the combination.
or	
	enter the highlighted combination

Symbol Chart

Use this chart as a guide for entering characters with symbol method.

	. ? ! , @ ' - _ : ; () & " ~ 1 0 ç i % £ \$ ¥ ¢ € + x * / \ [] = > < # §
	@ _ \ ß
	/ : ;
	" & '
	() [] {}
	ç i ~
	< > =
	\$ £ ¥ ¢
	# % *
	+ - x * / = > < # §
	enter a space (hold to enter a return)
	change text entry mode (hold for default)


Note: This chart may not reflect the exact character set available on your phone. In an email address or URL editor,  first shows common characters for that editor.

Deleting Letters and Words

Use the 5-way navigation key to place the cursor to the right of the text you want to delete, then:

Action

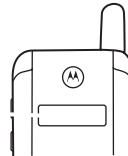
Press **DELETE** () to delete 1 letter at a time.

Hold **DELETE** () to delete the entire message.

Using the External Display


When the flip is closed, the external display shows the time. It also displays messages to notify you of incoming phone calls and other events.


External
Display



Using the Handsfree Speaker

When you activate your phone's integrated handsfree speaker, you can talk to the other party without holding the phone to your ear.

Press **SPEAKER** () to turn the handsfree speaker on or off while dialling a call or during a call.

When you turn the handsfree speaker on, your phone displays **Speaker On** in the home screen. The handsfree speaker remains on until you press **SPEAKER** () again or turn the phone off.

Note: The handsfree speaker is disabled when you connect your phone to a handsfree car kit or headset accessory.

Changing a Code, PIN, or Password

Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Your service provider may reset these codes before you receive your phone.

If your service provider has not reset these codes, we recommend that you change them to prevent others from accessing your personal information. The unlock code must contain 4 digits, and the security code must contain 6 digits.

You can also reset your SIM card PIN code, PIN2 code, and/or call barring password if necessary.

To change a code or password:

Find the Feature



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

Locking and Unlocking Your Phone

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

To use a locked phone, you must 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 page 53).

Locking Your Phone Manually

Find the Feature



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

Press	To
1 keypad keys	enter your unlock code
2 OK (⏏)	lock the phone

Unlocking Your Phone

Your phone's unlock code is originally set to 1234. Your service provider may reset the unlock code to the last 4 digits of your phone number.

At the **Enter Unlock Code** prompt:

Press	To
1 keypad keys	enter your unlock code
2 OK (⏏)	unlock your phone

Setting 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**

Press	To
1 keypad keys	enter your unlock code
2 OK (⏏)	activate automatic lock

If You Forget a Code, PIN, or Password

Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Your service provider may reset the unlock code to the last 4 digits of your phone number before you receive your phone.


If you forget your unlock code, try entering 1234 or the last 4 digits of your phone number. If that does not work, at the **Enter Unlock Code** prompt:

Press	To
1 	display the unlock code bypass screen
2 keypad keys	enter your security code
3 OK ()	submit your security code


If you forget your security code, SIM card PIN code, PIN2 code, or call barring password, contact your service provider.

Using the Phonebook

This section briefly describes basic phonebook operations. For more information about using the phonebook, see page 65.

Shortcut: To open your phonebook from the home screen, press  down.

Storing a Phone Number

Enter a phone number in the home screen, then press **STORE** () to create a phonebook entry with that number. Fill in the other fields to complete the entry.

Select **MORE** to store another number (for example, a work number) for the same **Name**.

Recording a Voice Name

Note: This option is not available for entries stored on the SIM card.

When creating a phonebook entry, scroll to **Voice Name** and press **RECORD** (Ⓛ). When you are ready, press **RECORD** (Ⓛ) again and say the entry's name (within 2 seconds). When prompted, press **RECORD** (Ⓛ) and repeat the name. Press **DONE** (Ⓛ) to store the voice name.

Storing a Picture for Caller ID

Note: This option is not available for entries stored on the SIM card.

You can store a picture for a phonebook entry. The picture displays when you receive calls from the entry.

When creating a phonebook entry, scroll to **Picture** and press **CHANGE** (Ⓛ). Press (Ⓛ) to select a picture, and press **SELECT** (Ⓛ) to store it for the entry.




Dialling a Number

Press (☰) > **Phonebook** > entry to call (☎).



Tip: To quickly highlight entries in your **Phonebook** list: If your entries are sorted by **Speed No.**, press an entry's speed number to highlight it. For example, press (Ⓛ) (5.2) for entry number 15. If your entries are sorted by **Name**, **Voice Name**, or **Email**, enter the first letter of the entry's name to highlight it. For example, press (5.m) (5.m) for the first entry that starts with "K".

Voice Dialling a Number

Press  > **Office Tools**, press **Dialling Services** > **Voice Dial**, and say the entry's name (within 2 seconds).



Tip: To create a shortcut to **Voice Dial**, press  > **Office Tools** > **Dialling Services**, scroll to **Voice Dial**, and hold the . Your phone prompts you to save the shortcut. To use a shortcut, press  and the shortcut key number.

Sorting Phonebook Entries

Press  > **Phonebook**, press  > **Setup** > **Sort by**, then select whether you want to sort the phonebook list by **Name**, **Speed No.**, **Voice Name**, or **Email**.

When sorting by name, you can view **All** numbers or just the **Primary** number for each name. To set the primary number for a name, see page 67.

Viewing Entries By Category

Press  > **Phonebook**, press  > **Categories**, then select whether you want to view **All** entries, entries in a predefined category (**Business**, **Personal**, **General**, **VIPs**), or entries in a category you created.

To set the category for a phonebook entry, see page 67.

Setting Up Your Phone

Setting the Time and Date

Your phone uses the time and date for the **Datebook**. Your phone can synchronise its time and date with the network:

Find the Feature  > **Settings** > **Initial Setup**
> **Time and Date** > **Autoupdate**
> **On**

To set the time and date manually, set **Autoupdate** to **Off** and then set the **Time** and **Date** options:

Find the Feature  > **Settings** > **Initial Setup**
> **Time and Date** > **Time or Date**

Setting a Ring Style

Your phone rings or vibrates to notify you of an incoming call or other event. This ring or vibration is called an **alert**.

You can select one of five different ring styles. The ring style indicator in the display shows the current ring style (see page 29).

To set a ring style:

Find the Feature  > **Settings** > **Ring Styles** > **Style**

Press

1 


To

scroll to the ring style

2 **SELECT** ()

select the ring style







Each ring style contains settings for specific event alerts, ringer ID, and ringer and keypad volume. To change these settings, press  > **Settings** > **Ring Styles** > **style Detail**.

Shortcut: To change your ring volume from the home screen, press  left or right.

Setting a Wallpaper Image

You can set a picture or animation as a wallpaper (background) image in your phone's home screen. The wallpaper image appears as a faint watermark in text and menu displays.

Find the Feature  > **Settings** > **Personalise**
> **Wallpaper**

Press	To
1 	scroll to Picture
2 CHANGE ()	open the picture viewer
3  up or down	scroll to a picture/animation Scroll to (None) to turn off the wallpaper image.
4 SELECT ()	select the image
5 	scroll to Layout
6 CHANGE ()	change the image layout

Press

7 

To

scroll to **Centre**, **Tile**, or **Fit-to-screen**

Centre places the image in the centre of the display.

Tile fills the display with multiple copies of the image.

Fit-to-screen resizes the image, if necessary, to fit the display.

8 **SELECT** 

confirm the layout setting

9 **BACK** 

save wallpaper settings

Setting a Screen Saver Image

Set a picture or animation as a screen saver image.

The screen saver image displays when the phone is on and no activity is detected for a specified time. The image shrinks to fill the display, if necessary. An animation repeats for one minute, then the first frame of the animation displays.

Turn off the screen saver to extend battery life.

Find the Feature

 > **Settings** > **Personalise**
> **Screen Saver**

Press


1 

To

scroll to **Picture**

2 **CHANGE** 

open the picture viewer






3  up or down

scroll to a picture/animation

Scroll to **(None)** to turn off the screen saver image.

4 **SELECT** 

select the image

Press	To
5 	scroll to Delay
6 CHANGE ()	set the delay interval
7 	scroll to the inactivity interval that starts the screen saver
8 SELECT ()	confirm the delay setting
9 BACK ()	save screen saver settings

Setting Display Colour

Select the colour palette that your phone uses to display indicators, highlights, and soft key labels.

Find the Feature  > **Settings > Personalise**
> **Colour Style**

Adjusting the Backlight

Set the amount of time that the display and keypad backlights remain on.

Find the Feature  > **Settings > Initial Setup**
> **Backlight**

Setting Display Timeout

Set the display to turn itself off when no activity is detected for a specified time.

Find the Feature  > **Settings > Initial Setup**
> **Display Timeout**

Calling Features

For basic instructions on how to make and answer calls, see page 20.

Changing the Active Line



Change the active phone line to make and receive calls from your other phone number.

Note: This feature is available only for dual-line-enabled SIM cards.

Find the Feature



> **Settings > Phone Status**
> **Active Line**

The active line indicator in the display shows the currently active phone line (see page 27).

Redialling a Number



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

Using Automatic Redial



When you receive a busy signal, your phone displays **Call Failed, Number Busy**.

To redial the phone number:

Press	To
 or RETRY ()	activate automatic redial

Your phone redials the number. When the call goes through, your phone rings or vibrates one time, displays **Redial Successful**, and then connects the call.

Using Caller ID

Incoming Calls



Calling line identification (Caller ID) displays the phone number for incoming calls in your phone's display.

The phone displays the caller's name (and picture, if available) when the name is stored in your phonebook, or **Incoming Call** when caller ID information is not available.

You can also set your phone to play a distinctive ringer ID and/or light ID for specific entries stored in your phonebook. For more information, see page 66.


Outgoing Calls



You can show or hide your phone number as an ID for the calls that you make.


Find the Feature  > **Settings > In-Call Setup**
> **My Caller ID**

You can override the default caller ID setting when you make a call. While dialling (with digits visible in the display):

Press  > Hide ID/Show ID	To hide or show your caller ID for the next call
--	--

Canceling an Incoming Call

While the phone is ringing or vibrating:

Press IGNORE 	To cancel the incoming call
---	---------------------------------------




Depending on your phone settings and/or service subscription, the call may be diverted to another number or sent directly to your voicemail, or the caller may hear a busy signal.

Calling an Emergency Number

Your service provider programs one or more emergency phone numbers, such as 999, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.

Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

Press 1 keypad keys	To dial the emergency number
2 	call the emergency number

Dialling International Numbers



Press and hold to insert the local international access code (+) for the country from which you are calling.

Viewing Recent Calls

Your phone keeps lists of the 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 entries are added.

Shortcut: Press from the home screen to view the dialled calls list.

Find the Feature

> **Recent Calls**

Press

1

2 **SELECT** ()

3

4

or

VIEW ()

or

To

scroll to **Received Calls** or **Dialled Calls**

select the list

scroll to an entry

✓ means the call connected.

call the entry's number

Press and hold for 2 seconds to send the number as DTMF tones during a call.

view entry details

open the **Last Calls Menu** to view the options available for the entry

The **Last Calls Menu** can include the following options:

Option	Description
Store	Create a phonebook entry with the number in the No. field.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Hide ID/Show ID	Hide or show your caller ID for the next call.
Send Message	Open a new text message with the number in the To field.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent calls lists.
Send Tones	Send the number to the network as DTMF tones. This option displays only during a call.
Talk then Fax	Talk and then send a fax in the same call (see page 73).

Returning an Unanswered Call





When your phone is powered on, it keeps a record of your unanswered calls and displays:

- **X Missed Calls**, where **X** is the number of missed calls

Press	To
1 VIEW (☺)	see the received calls list
2 (☺)	select a call to return
3 (☺)	make the call


Using the Notepad

The most recent set of digits entered on the keypad are stored in your phone's notepad memory. This can be a phone number that you called, or a number that you entered but did not call. To retrieve the number stored in the notepad:

Find the Feature	 > Recent Calls > Notepad
Press	To
	call the number
or	
	open the Dialling Menu to attach a number or insert a special character
or	
STORE ()	create a phonebook entry with the number in the No. field



Attaching a Number

While dialling (with digits visible in the display):



Press	To
 > Attach Number	attach a number from the phonebook or recent calls lists

Calling with Speed Dial

Each entry you store in your phonebook is assigned a unique speed dial number.

To see an entry's speed dial number, press  > **Phonebook**, scroll to the entry, press **VIEW** ()

To speed dial a phonebook entry:

Press	To
1 keypad keys	enter the speed dial number for the entry you want to call
2 	submit the number
3 	call the entry

Calling with 1-Touch Dial

To call phonebook entries 1 to 9, press and hold the single-digit speed dial number for one second.

Tip: You must specify which phone number list you want to use with this feature: phone memory phonebook or SIM card phonebook (see page 67).

Using Voicemail



Voicemail messages that you receive are stored on the network. To listen to your messages, you must call your voicemail phone number.


Your service provider may include additional information about using this feature.

Listening to Voicemail Messages

Find the Feature  > **Messages** > **Voicemail**

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store a number.

Receiving a Voicemail Message

When you receive a voicemail message, your phone displays the  (voicemail message) indicator and a New Voicemail notification.

Press CALL (☎)	To listen to the message
--------------------------	------------------------------------

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store a number.

Storing Your Voicemail Number

If necessary, use the following procedure to store your voicemail phone number on your phone. Usually, your service provider has already done this for you.

Find the Feature  > **Messages**
  > **Voicemail Setup**





Press 1 keypad keys 2 OK (☎)	To enter your voicemail number store the number
---	--

You cannot store a **⏸** (pause), **⏴** (wait), or **⏶** (number) character in this number. If you want to store a voicemail number with these characters, create a phonebook entry for it. Then, you can use the entry to call your voicemail.

Using Call Waiting





When you are on a call, an alert tone sounds to indicate that you have received another call.

Press	To
1 	answer the new call
<hr/>	
2 SWITCH ()	switch between calls
or	
LINK ()	connect the 2 calls
or	
 > End Call On Hold	end the call on hold

You must turn on call waiting to use the feature. To turn call waiting on or off:

Find the Feature  > **Settings** > **In-Call Setup**
> **Call Waiting**

Putting a Call On Hold

Press	To
HOLD () (if available)	put the call on hold
or	
 > Hold	






Transferring a Call



You can announce that you are transferring an active call to another party, or you can transfer the call without announcing the transfer.


Announce the Call Transfer

Find the Feature  > **Hold**

Press		To
1	keypad keys	dial the number where you are transferring the call
2		call the number and speak to the person who answers
3		open the menu
4		scroll to Transfer
5	SELECT ()	select Transfer
6	OK ()	confirm the transfer

Do Not Announce the Call Transfer










Find the Feature  > **Transfer**

Press		To
1	keypad keys	dial the number where you are transferring the call
2		transfer the call

Phone Features

Menu Map







Main Menu






-  **Phonebook**
-  **Recent Calls**
 - Received Calls
 - Dialed Calls
 - Notepad
 - Call Times
 - Data Times
 - Data Volumes
-  **Messages**
 - New Message
 - Message Inbox
 - Voicemail
 - Browser Msgs
 - Info Services
 - Quick Notes
 - Outbox
 - Drafts
 - MMS Templates
-  **Office Tools**
 - SIM Tool Kit Apps *
 - Calculator
 - Datebook
 - Shortcuts
 - Alarm Clock
 - Chat
 - Dialling Services
 - Fixed Dial
 - Quick Dial
 - Service Dial *
-  **Games & Apps**
-  **Web Access**
 - Browser
 - Web Shortcuts
 - Stored Pages
 - History
 - Go To URL
 - Browser Setup
 - Web Sessions
-  **Multimedia**
 - Themes
 - Pictures
 - Sounds
 - MotoMixer
-  **IM**
 - Log In
 - Offline Convs.
 - Offline Settings
 - Help
-  **Settings**
 - (see next page)

* optional features

This is the standard main menu layout. Menu organisation and feature names may vary on your phone. Not all features may be available on your phone.






Settings Menu

-  **Personalise**
 - Home Screen
 - Main Menu
 - Colour Style
 - Greeting
 - Wallpaper
 - Screen Saver
 - Quick Dial
-  **Ring Styles**
 - Style
 - style Detail
-  **Call Divert**
 - Voice Calls
 - Fax Calls
 - Data Calls
 - Cancel All
 - Divert Status
-  **In-Call Setup**
 - In-Call Timer
 - Call Cost
 - My Caller ID
 - Talk and Fax
 - Answer Options
 - Call Waiting
-  **Initial Setup**
 - Time and Date
 - 1-Touch Dial
 - Display Timeout
 - Backlight
 - Scroll
 - Language
 - Contrast
 - DTMF
 - Master Reset
 - Master Clear
-  **Phone Status**
 - My Tel. Numbers
 - Credit Info/Available *
 - Active Line *
 - Battery Meter
 - Other Information




-  **Headset**
 - Auto Answer
 - Voice Dial
-  **Car Settings**
 - Auto Answer
 - Auto Handsfree
 - Power-Off Delay
 - Charger Time
-  **Network**
 - New Network
 - Network Setup
 - Available Networks
 - My Network List
 - Service Tone
 - Call Drop Tone
-  **Security**
 - Phone Lock
 - Lock Application
 - Fixed Dial
 - Call Barring
 - SIM PIN
 - New Passwords
 - Certificate Mgmt
-  **Java Settings**
 - Java System
 - Delete All Apps
 - App Vibration
 - App Volume



* optional features

Calling Features





Feature	Description
Conference Call	During a call:  > Hold , dial next number, press  , press LINK ()
Call Diverting	Set up or cancel call diverting:  > Settings > Call Divert
Call Barring	Restrict outgoing or incoming calls:  > Settings > Security > Call Barring




Messages

Feature	Description
Send Text Message	Send a text message:  > Messages > Create Message > New Short Message
Send Multimedia Message	Send a multimedia message:  > Messages > Create Message > New Multimedia Msg
Use MMS Template	Open an MMS template with preloaded media:  > Messages > Create Message > MMS Templates







Feature	Description
Read Message	Read a new text or multimedia message that you have received: Press READ (⏏). 
Store Message Objects	Go to a multimedia message slide, then:  > Store

Instant Messaging



Feature	Description
Log In	Log in to instant messaging:  > IM > Log In
Find Others Online	After you log in: Select Contact List to see a list of other users. 
Start Conversation	Start a conversation: From your Contact List , highlight a name in Online Contacts , press SEND IM (⏏). 
Open Active Conversation	Open a conversation in progress: From your Contact List , highlight a name in Conversations , press VIEW (⏏). 









Feature	Description
End Conversation	From the conversation display:  > End Conversation 
Log Out	Log out of instant messaging: Select Log Out from the IM Online menu. 










Chat

Feature	Description
Start Chat	Start a new chat session:  > Office Tools > Chat  > New Chat 
Receive Chat Request	When you receive a chat request: Press ACCEPT (⏏) or IGNORE (-). 
End Chat	During a chat session:  > End Chat 


Phonebook









Feature	Description
Create Entry	Create a new phonebook entry:  > Phonebook  > New > Phone Number or Email Address



Feature	Description
Create Group Mailing List	<p>Create a group mailing list as a phonebook entry:</p> <p> > Phonebook</p> <p> > New > Mailing List</p>
Dial Number	<p>Call a number stored in the phonebook:</p> <p> > Phonebook, highlight the phonebook entry, press  to call</p>
Voice Dial Number	<p>Voice dial a number stored in the phonebook:</p> <p>> Office Tools > Dialling Services > Voice Dial</p> <p>When prompted, say the entry's name (within 2 seconds).</p>
Set Ringer ID for Entry	<p>Assign a distinctive ringer alert to a phonebook entry:</p> <p> > Phonebook > <i>entry</i></p> <p> > Edit > Ringer ID > <i>ringer name</i></p> <p>Note: <i>The Ringer ID option is not available for entries stored on the SIM card.</i></p>
Set Picture ID for Entry	<p>Assign a picture to display when you receive calls from an entry:</p> <p> > Phonebook > <i>entry</i></p> <p> > Edit > Picture > <i>picture</i></p> <p>Note: <i>The Picture option is not available for entries stored on the SIM card.</i></p>

Feature	Description
Set Category for Entry	<p>Set the category for a phonebook entry:</p> <p> > Phonebook > <i>entry</i></p> <p> > Edit > Category > <i>category name</i></p> <p>Note: The Category option is not available for entries stored on the SIM card.</p>
Set Category View	<p>Set a phonebook category view:</p> <p> > Phonebook</p> <p> > Categories > <i>category view</i></p>
Sort Phonebook List	<p>Set the order in which phonebook entries are listed:</p> <p> > Phonebook</p> <p> > Setup > Sort by > <i>sort order</i></p>
Set Primary Number	<p>Set the primary number for a phonebook entry with multiple numbers:</p> <p> > Phonebook, scroll to entry, press</p> <p> > Set Primary > <i>phone number</i></p>
1-Touch Dial	<p>Set 1-touch dial to call entries stored in your phone memory phonebook or the SIM card phonebook:</p> <p> > Settings > Initial Setup > 1-Touch Dial</p>




Personalising Features

Feature	Description
Ring Style	<p>Change the ring alert for an event:</p> <p> > Settings > Ring Styles > <i>style Detail</i></p> <p>> <i>event name</i></p>








Feature	Description
Ringer IDs	Activate distinctive ring alerts assigned to phonebook entries:  > Settings > Ring Styles > <i>style Detail</i> > Ringer IDs
Ring Volume	Set ringer volume:  > Settings > Ring Styles > <i>style Detail</i> > Ring Volume Shortcut: Press  right or left in the home screen.
Keypad Volume	Set keypad keypress volume:  > Settings > Ring Styles > <i>style Detail</i> > Key Volume
Clock View	Display an analogue clock or digital time readout in the home screen:  > Settings > Personalise > Home Screen > Clock
Menu View	Display the main menu as graphic icons or as a text-based list:  > Settings > Personalise > Main Menu > View
Main Menu	Reorder your phone's main menu:  > Settings > Personalise > Main Menu > Reorder
Change Soft Key Labels	Change soft key labels in the home screen  > Settings > Personalise > Home Screen > Home Keys



Feature	Description
Shortcuts	<p>Create a shortcut to a menu item:</p> <p>Highlight the menu item, then press and hold .</p> <p>Select a shortcut:</p> <p> > Office Tools > Shortcuts > <i>shortcut name</i></p>

Menu Features


Feature	Description
Language	<p>Set menu language:</p> <p> > Settings > Initial Setup > Language</p>
Master Reset	<p>Reset all options except unlock code, security code, and lifetime timer:</p> <p> > Settings > Initial Setup > Master Reset</p>
Master Clear	<p>Reset all options except unlock code, security code, and lifetime timer, and clear all user settings and entries except SIM card information:</p> <p> > Settings > Initial Setup > Master Clear</p>

Dialling Features





Feature	Description
Fixed Dial	<p>When you turn on fixed dialling, you can call only numbers stored in the fixed dial list.</p> <p>Turn fixed dialling on or off:  > Settings > Security > Fixed Dial</p> <p>Use the fixed dial list:  > Office Tools > Dialling Services > Fixed Dial</p> 
Service Dial	<p>Dial service phone numbers:  > Office Tools > Dialling Services > Service Dial</p> 
Quick Dial	<p>Your service provider may program your phone with one or more quick dial numbers, such as the customer service number.</p> <p>Dial preprogrammed phone numbers:  > Office Tools > Dialling Services > Quick Dial</p> 



Feature	Description
DTMF Tones	<p>Activate DTMF tones:  > Settings > Initial Setup > DTMF</p> <p>Send DTMF tones during a call: Press number keys.</p> <p>Send stored numbers as DTMF tones during a call: Highlight a number in the phonebook or recent calls lists, then press  > Send Tones.</p>

Call Monitoring

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, contact your service provider.



Feature	Description
Call Times	<p>View call timers:  > Recent Calls > Call Times</p> 
In-Call Timer	<p>Display time or cost information during a call:  > Settings > In-Call Setup > In-Call Timer</p> 

Feature	Description
Call Cost	View call cost information:  > In-Call Setup > Call Cost 






Handsfree Features

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



Feature	Description
Auto Answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset:  > Settings > Car Settings or Headset > Auto Answer 
Voice Dial (headset)	Enable voice dial with headset send/end key:  > Settings > Headset > Voice Dial 
Auto Handsfree (car kit)	Automatically route calls to a car kit when connected:  > Settings > Car Settings > Auto Handsfree 
Power-Off Delay (car kit)	Set the phone to stay on for a specified time after the ignition is switched off:  > Settings > Car Settings > Power-Off Delay 

Feature	Description
Charger Time (car kit)	Charge the phone for a specified time after the ignition is switched off:  > Settings > Car Settings > Charger Time 












Data and Fax Calls




Feature	Description
Send Data or Fax	Connect your phone to the device, then place the call through the device application. 
Receive Data or Fax	Connect your phone to the device, then answer the call through the device application. 
Talk Then Fax	Connect your phone to the device, enter the number, press  > Talk Then Fax , then press  to make the call. 

Network Features

Feature	Description
Network Settings	View network information and adjust network settings:  > Settings > Network 

Personal Organiser Features

Feature	Description
Create Datebook Event	Create a new datebook event:  > Office Tools > Datebook , highlight the day, press the centre select button, press  > New
View or Edit Datebook Event	View or edit event details:  > Office Tools > Datebook , highlight the day, press the centre select button, press VIEW ()
Event Reminder	View event reminder: VIEW () Close event reminder: BACK ()
Set Alarm	Set an alarm:  > Office Tools > Alarm Clock
Turn Off Alarm	Turn off alarm: Press DISABLE () or  . Set 8-minute delay: Press SNOOZE ()
Calculator	Calculate numbers:  > Office Tools > Calculator

Feature	Description
Currency Converter	Convert currency:  > Office Tools > Calculator  > Exchange Rate Enter exchange rate, press OK () , enter amount, and select \$ in the bottom of the display.



Security

Managing Security Certificates
















Use the **Certificate Mgmt** feature to enable or disable security certificates stored on your phone. Certificates are used to verify the identity and security of Web sites when you download files or share information.



Find the Feature  > **Settings > Security > Certificate Mgmt**

Other Security Features

Feature	Description
SIM PIN	Lock or unlock the SIM card:  > Settings > Security > SIM PIN Caution: If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays SIM Blocked .
Lock Application	Lock phone applications:  > Settings > Security > Lock Application

News and Entertainment

Feature	Description
Launch Micro-Browser	Start a micro-browser session:  > Web Access > Browser 
Download Objects from Web Page	Download a picture, sound, or phone theme from a Web page: Highlight the file, press SELECT () , press STORE () . 
Web Sessions	Select or create a Web session:  > Web Access > Web Sessions 
Apply Phone Theme	Apply a grouped set of image and sound files to your phone:  > Multimedia > Themes > <i>theme</i> 
Download Game or Application (micro-browser)	Download a Java game or application with the micro-browser:  > Web Access > Browser , highlight the application, press SELECT () , press DOWNLOAD () 
Download Game or Application (computer)	Download a Java game or application from a computer: Connect your phone to the computer, press  > Settings > Java Settings > Java App Loader . 

Feature	Description
Launch Game or Application	Launch a Java game or application:  [Menu] > Games & Apps , highlight the application, press SELECT (OK)
Manage Pictures	Manage pictures and animations:  [Menu] > Multimedia > Pictures
Manage Sounds	Manage ring tones, sounds that you have composed or downloaded: [Menu] > Multimedia > Sounds
Edit Sounds with MotoMixer	Edit MIDI-based sound files that you can use with your phone: [Menu] > Multimedia > MotoMixer > (New Mix) or mix file name
Create Ring Tones	Create ring tones that you can use with your phone: [Menu] > Multimedia > Sounds > (New iMelody)



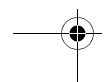
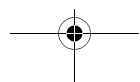
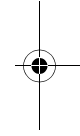
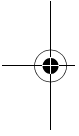
Specific Absorption Rate Data

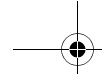
This model phone meets international standards for exposure to radio waves

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.¹ Tests for SAR are conducted in accordance with CENELEC² testing procedures 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.

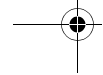
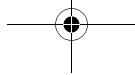
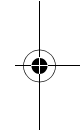
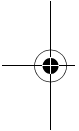
Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions that conform to a uniform testing methodology determined by an expert standards body. The highest SAR value for this model phone when tested for use at the ear is: 0.87 W/kg.³





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. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

- 1 The SAR limit recommended by international guidelines (ICNIRP) 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.
- 2 CENELEC is a European Union standards body.
- 3 Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.



Index

A

accessories 13
accessory connector port 1
active line indicator 27
active line, changing 51
alarm clock 74
alert
 creating 77
 defined 47
 setting 19, 47, 67
 turning off 19
animation
 downloading 76
 screen saver 49
 viewing 77
 wallpaper 48
answering a call 20
application, locking and
 unlocking 75
automatic redial 51

B

backlight 50
barring calls 63
battery
 charging 16

80 - Index

 extending battery life 14, 50
 installing 15
 level indicator 29
browser. See micro-browser

C

calculator 74
call
 alert, turning off 19
 answering 20
 barring 63
 barring password, changing
 42
 call waiting 58
 costs 72
 dialled calls list 54
 dialling 20
 diverting 63
 emergency number 53
 ending 20
 handsfree speaker 41
 hold 59
 international access code 54
 making 20
 received calls list 54
 receiving 20
 ring style 19, 47, 67

- timers 71
- transferring 59
- unanswered call 55
- Call Failed, Number Busy message 51
- call waiting 58
- caller ID 52
- calling line identification. *See* caller ID
- category
 - phonebook entry 67
 - view 67
- centre select button 29
- character chart 36
- chat 65
- clock
 - selecting analogue or digital 68
 - setting 47
- codes
 - changing 42
 - default 42, 44
 - forgetting 44
- colour, setting 50
- conference call 63
- customising the menu 68

D

- data call 73
- date, setting 47

- datebook 74
- dialled calls list 54
- dialling a number 20, 70
- display
 - backlight 50
 - colour 50
 - description 25
 - home screen 25
 - language 69
 - personalising 68
 - timeout 50
- distinctive ringer alert 68
- diverting calls 63
- DTMF tones
 - activating 71
 - sending 71

E

- earpiece volume 19
- emergency number 53
- end key 1
- ending a call 20
- Enter Unlock Code message 43

F

- fax call 73
- 5-way navigation key 1, 29
- fixed dial 70

G

games 76
GPRS indicator 26
groove tunes 77

H

handsfree speaker 41
headset jack 1
hold a call 59
home keys, personalising 68
home screen
 defined 25
 selecting clock view 68

I

IM 64
incoming call
 answering 20
 diverting 63
Incoming Call message 52
indicators
 active line 27
 battery level 29
 GPRS 26
 Java midlet 28
 location 29
 message 28
 message waiting 23
 messaging presence 28

ring style 29
roam 27
signal strength 26
text case 34
text entry method 28, 34
transmission 27
voicemail message 28, 57
instant messaging. See IM
international access code 54
iTAP software 37

J

Java applications 76
Java midlet indicator 28
joystick 1

K

key
 centre select button 29
 end 1
 5-way navigation 1, 29
 left soft key 1, 25, 68
 menu 1
 power 1
 right soft key 1, 25, 68
 send 1
 voice 1
 volume control 1
keypad
 volume, setting 68

L

- language, setting 69
- left soft key
 - functions 1, 25
 - personalising 68
- line, changing 51
- location indicator 29
- lock
 - application 75
 - phone 42
 - SIM card 75
- Low Battery message 29

M

- making a call 20
- master clear 69
- master reset 69
- menu
 - entering text 32
 - icons, changing in home screen 68
 - icons, converting to text 68
 - language, setting 69
 - personalising 68
 - rearranging features 68
 - using 30
 - view, changing 68
- menu key 1
- message
 - chat 65

- MMS template 63
- MMS, defined 21
- multimedia message 63
 - reading 64
 - text 63, 64
- message indicator 28
- message waiting indicator 23
- messaging presence indicator 28
- micro-browser
 - browser setup 76
 - Java applications 76
 - using 76
 - Web sessions 76
- MMS template 63
- MMS. *See* message
- MotoMixer 77
- multimedia message
 - receiving 23
 - sending 21, 63
- multimedia messaging service.
See message
- my telephone number 20

N

- network settings 73
- notepad 56
- number
 - viewing your number 20
- numbers, entering 39

O

- 1-touch dial
 - setting preference 67
 - using 57
- optional accessory, defined 13
- optional feature, defined 13

P

passwords. *See* codes

phone

- active line indicator 27
- active line, changing 51
- alert, turning off 19
- clear stored information 69
- codes 42
- date, setting 47
- language, setting 69
- locking 42
- network settings 73
- open to answer 20
- reset all options 69
- ring style 19, 47, 67
- security code 42
- time, setting 47
- turning on/off 18
- unlock code 42
- unlocking 19, 42

phone number

- active line indicator 27
- active line, changing 51

- attaching 2 numbers 56
- international access code 54
- redialling 51
- storing in phonebook 65
- viewing your number 20

phone theme 76

phonebook

- attaching 2 numbers 56
- category for entry 67
- category view 67
- dialling a number 66
- group mailing list 66
- 1-touch dial 57
- picture ID 45, 52, 66
- primary number, setting 67
- ringer ID 66, 68
- sorting entries 46, 67
- speed dial number 56
- storing an entry 65
- voice dialling 66

photo

- downloading 76
- picture ID 52

picture

- downloading 76
- screen saver 49
- viewing 77
- wallpaper 48

picture ID

- caller ID 52

setting 45, 66
PIN code
 changing 42
 entering 75
PIN2 code, changing 42
power key 1
predictive text entry 37
primary text entry method 33

Q

quick dial 70

R

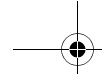
received calls list 54
recent calls 54
redial
 automatic redial 51
 busy number 51
right soft key
 functions 1, 25
 personalising 68
ring style indicators 29
ring style, setting 19, 47, 67
ring tone
 creating 77
 downloading 76
 editing with MotoMixer 77
 managing 77
ringer ID
 setting 66

turning on/off 68
ringer volume, setting 19, 68
roam indicator 27

S

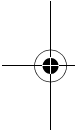
screen saver 49
secondary text entry method
 33
security code
 changing 42
 default 42
send key 1
service dial 70
shortcuts 69
signal strength indicator 26
silent alert, setting 19, 47, 67
SIM Blocked message 19, 75
SIM card
 defined 13
 installing 13
 locking 75
 PIN code entry 19
 PIN code, changing 42
 PIN2 code, changing 42
 precautions 13
 SIM Blocked message 19,
 75
SIM PIN code
 changing 42
 entering 75

- SIM PIN2 code, changing 42
- soft keys
 - functions 25
 - illustration 1
 - personalising 68
- sound
 - creating 77
 - downloading 76
 - managing 77
- Speaker On message 41
- speakerphone
 - automatic answer 72
- speed dial 56
- standby time, increasing 50
- symbol chart 40
- symbols, entering 39
- T**
- tap method text entry 34
- telephone number
 - viewing your number 20
- text
 - capitalisation, changing 34
 - character chart 36
 - entering 32
 - entry method, selecting 33
 - entry method, setup 33
 - iTAP software predictive text
 - entry 37
 - numeric method 39
 - symbol chart 40
 - symbol method 39
 - tap method 34
- text case indicator 34
- text entry method
 - selecting 33
 - setup 33
- text entry method indicator 28, 34
- theme 76
- time, setting 47
- timers 71
- transfer a call 59
- transmission indicator 27
- travel charger 17
- U**
- unlock
 - application 75
 - phone 42
- unlock code
 - bypassing 44
 - changing 42
 - default 42, 44
 - entering 19
- V**
- vibrate alert
 - setting 19, 47, 67
 - turning off 19



voice dial 66, 72
voice key
 dialling a number 66
 illustration 1
voicemail 57
voicemail message indicator
 28, 57
volume
 earpiece 19
 keypad 68
 ringer 19, 68
volume keys 1

W



wallpaper 48
Web pages 76
Web sessions 76
Welcome 1

