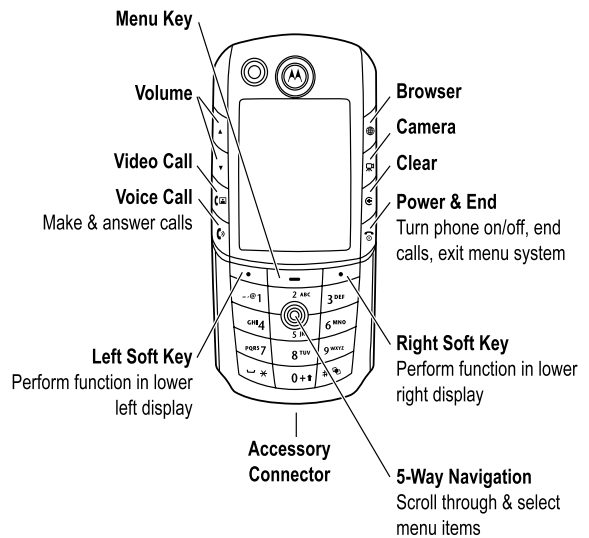


# Welcome

---

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola E1000 3G wireless phone.



Welcome - 1

[www.motorola.com](http://www.motorola.com)

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# Contents

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<b>Safety and General Information</b> .....	6
<b>Getting Started</b> .....	13
About This Guide .....	13
Installing the UICC or SIM Card .....	13
Battery Use .....	15
Installing the Battery .....	16
Charging the Battery .....	17
Turning Your Phone On .....	17
Adjusting Volume .....	18
Making a Call .....	19
Answering a Call .....	19
Changing the Call Alert .....	19
Viewing Your Phone Number .....	20
<b>Highlight Features</b> .....	21
Taking and Sending a Photo .....	21
Using Photos and Pictures .....	23
Recording Video Clips .....	26
Using Video Clips .....	27
Making Video Calls .....	29
Micro-Browser .....	29
Connecting Your Phone to Another Device .....	32
<b>Learning to Use Your Phone</b> .....	38
Using the Display .....	38
Using the 5-Way Navigation Key .....	42
Using Menus .....	43
Entering Text .....	45
Using Special Keys .....	55

Contents - 3

Using the Handsfree Speaker .....	56
Changing a Code, PIN, or Password .....	56
Locking and Unlocking Your Phone .....	57
Locking and Unlocking the Keypad .....	58
If You Forget a Code, PIN, or Password .....	58
<b>Setting Up Your Phone</b> .....	60
Storing Your Name and Phone Number .....	60
Setting the Time and Date .....	60
Setting a Ring Style .....	60
Setting a Wallpaper Image .....	61
Setting a Screen Saver Image .....	62
Setting Display Brightness .....	62
Setting Display Colour .....	62
Adjusting the Backlight .....	63
Setting Display Timeout .....	63
Using AGPS Location Information .....	63
<b>Calling Features</b> .....	65
Changing the Active Line .....	65
Redialling a Number .....	65
Using Automatic Redial .....	65
Using Caller ID .....	66
Cancelling an Incoming Call .....	67
Turning Off a Call Alert .....	67
Calling an Emergency Number .....	68
Dialling International Numbers .....	69
Viewing Recent Calls .....	69
Returning an Unanswered Call .....	71
Using the Notepad .....	71
Attaching a Number .....	72
Calling with Speed Dial .....	72

Calling With 1-Touch Dial .....	73
Using Voicemail .....	73
Using Call Waiting .....	74
Putting a Call On Hold .....	75
Transferring a Call .....	75
<b>Phone Features</b> .....	77
Menu Map .....	77
Feature Quick Reference .....	79
<b>Specific Absorption Rate Data</b> .....	96
<b>Index</b> .....	98

## Safety and General Information

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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.

### 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.

### 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](http://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.*

### 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.*





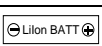
### Blasting Caps and Areas

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

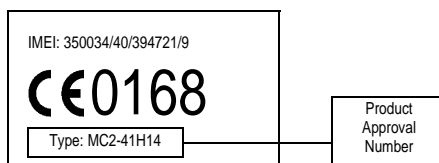
When you play games on your phone, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

- 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



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](http://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.

To obtain another copy of this guide, see the Motorola Web site at:  
<http://hellomoto.com>

### 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



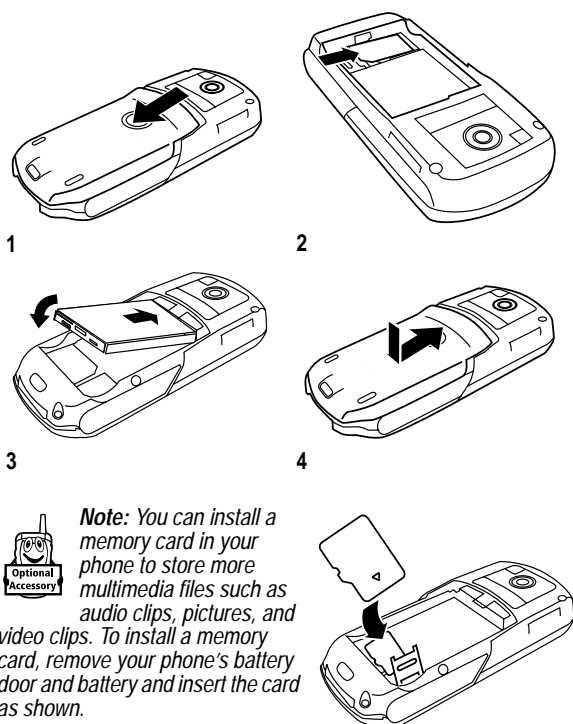
This label identifies a feature that requires an optional Motorola Original™ accessory.

### Installing the UICC or SIM Card

Your 3G UICC (Universal IC Card) contains your phone number, service details, and phonebook/message memory. Your phone can use GSM SIM (Subscriber Identity Module) cards, but not all features will be available.

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

Getting Started - 13



**Note:** You can install a memory card in your phone to store more multimedia files such as audio clips, pictures, and video clips. To install a memory card, remove your phone's battery door and battery and insert the card as shown.


### 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.

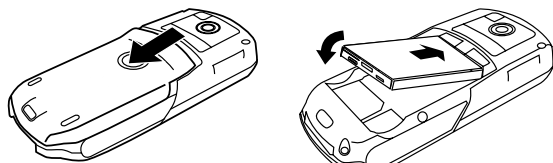
 The rechargeable batteries that power this phone must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling centre for proper disposal methods.

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

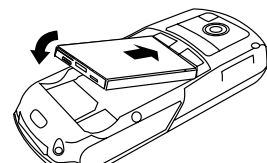
## Installing the Battery



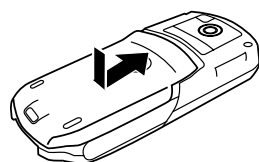
™ Your phone is designed to use only Motorola Original™ batteries and accessories.



1



2



3

### Action

- 3 If necessary, enter your SIM card PIN code and press the **OK** key 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**.

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

**Tip:** The unlock code is originally set to 1234. Your service provider may change this number before you receive your phone.

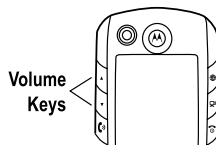
## Adjusting Volume

Press the up or down volume keys to:

- increase or decrease earpiece volume during a call
- increase or decrease speakerphone 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 cycle back to vibrate alert, then ring alert.

- turn off an incoming call alert

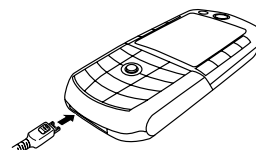


## Charging the Battery

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 your phone with the release tab facing up.




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

- 3 When your phone indicates **Charge Complete**, press the release tab and 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.

## Turning Your Phone On

### Action



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



- 2 If necessary, press  to scroll to the User Account you want. Then press the **SELECT** key to select the account from the list (stored on the SIM card).

## Making a Call




To make video calls, see page 29.

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

**Note:** You can make an emergency call even when the phone is locked, or when a SIM card is not inserted (see page 68).

## Answering a Call



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


Press	To
1 	answer the call
or <b>DIVERT</b> or 	divert the call to your voicemail or call divert number, as though your line was busy
2 	end the call and "hang up" the phone when you are finished

## Changing the Call Alert

In the home screen, press the down volume key to switch the alert for incoming calls and other events to vibrate alert, then silent alert. Press the up volume key to reset ring alert.

## ***Viewing Your Phone Number***

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

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

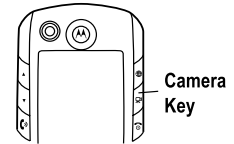
**Note:** *Your phone number must be stored on your SIM card to use this feature. To store your phone number on the SIM card, see page 60. If you do not know your phone number, contact your service provider.*

## Highlight Features

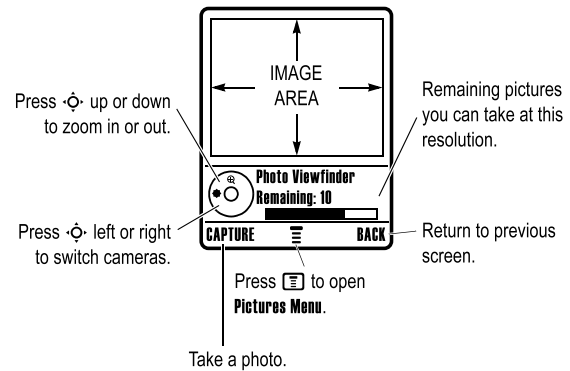
You can do much more with your phone than make and receive calls! This section describes some of your phone's highlight features.

### Taking and Sending a Photo

To activate your phone's camera, press the camera key on the right side of your phone.



The active viewfinder image displays.



Highlight Features - 21

Point the camera lens at the photo subject, then:

Press	To
1 <b>CAPTURE</b> key	take a photo <b>Tip:</b> Press $\times$ to turn the light on or off
2 <b>OPTIONS</b> key	view storage options If you choose to store the photo, continue to step 3.
or	
<b>DISCARD</b> key	delete the photo and return to active viewfinder
3 $\uparrow$ or $\downarrow$	scroll to an option
4 <b>SELECT</b> key	select the option

Press  $\square$  to open the **Pictures Menu** when the camera is active. The menu can include the following options:

Option	Description
<b>Go To Pictures</b>	View pictures and photos stored on your phone.
<b>Internal / External View</b>	Switch between the internal (self-portrait) and external cameras.
<b>Auto-Timed Capture</b>	Set a timer for the camera to take a photo.
<b>Light</b>	Turn the camera light on or off.
<b>Adjust Brightness</b>	Change the image brightness.
<b>Pictures Setup</b>	Open the setup menu to adjust picture and video settings.
<b>View Free Space</b>	See how much memory remains for storing pictures.

**Tip:** To assign a stored picture to a phonebook entry, open the entry and press  $\square$  > **Edit** > **Picture**. You cannot assign pictures to entries stored on your SIM card.

### Using Photos and Pictures

You can send your photos to other wireless phone users or email addresses, assign photos to specific phonebook entries, and use them as wallpaper or screen saver images.

### Downloading Pictures



Your phone may contain predefined photos, pictures, and animations. You can download and store additional images on your phone.

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

**Note:** The files that you download or receive as attachments might have a lock that keeps you from saving them on external memory, forwarding them, or editing them.

To download a picture with the micro-browser, see page29. To store a picture from a message, see page80.

### Viewing and Managing Pictures

To view a photo, picture, or animation stored on your phone:

**Find the Feature**  $\square$  > **Multimedia** > **Pictures**

Press	To
1 $\uparrow$ or $\downarrow$	scroll to the picture
2 <b>VIEW</b> key	view the picture

<b>Press</b> 3	<b>To</b> view the next/previous picture
or 	open the <b>Pictures Menu</b> to perform other options

**Tip:** You can change the way your picture list displays using the **Setup** option in the **Pictures Menu**.

Press to open the **Pictures Menu** from the picture list. The menu can include the following options:

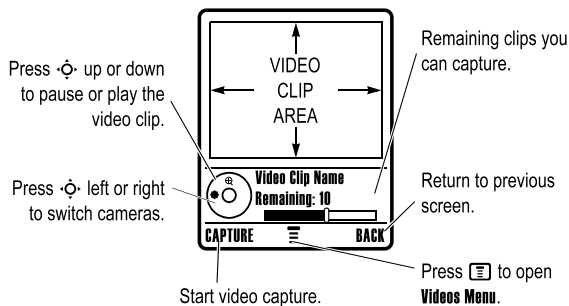
Option	Description
<b>Send in Message</b>	Insert selected picture in a new message.
<b>Apply as</b>	Set the picture as your phone's <b>Wallpaper</b> or <b>Screen Saver</b> image.
<b>New</b>	Capture a new picture or create an album of stored pictures.
<b>Details</b>	View picture information.
<b>Rename</b>	Rename the picture.
<b>Delete</b>	Delete the selected picture or marked picture(s).
<b>Move</b>	Move selected picture or marked picture(s) to another device.
<b>Copy</b>	Copy selected picture or marked picture(s) to another device.
<b>Mark</b>	Mark the picture to move, copy, send or delete it.
<b>Mark All</b>	Mark all pictures to move, copy, send, or delete them.

## Recording Video Clips

To record a video on your phone:

**Find the Feature** > **Multimedia** > **Record Video**

The active viewfinder image displays.



Point the camera lens at the video subject, then:

<b>Press</b> 1 <b>CAPTURE</b> key	<b>To</b> start the video
2 <b>STOP</b> key	stop the video
3 <b>OPTIONS</b> key	view storage options
or	If you choose to store the video, continue to step 4.

Option	Description
<b>Categories</b>	Create a new category, or view pictures in a selected category.
<b>Assign to Category</b>	Assign the picture to a defined category.
<b>Pictures Setup</b>	Open the setup menu to adjust picture and video settings.
<b>View Free Space</b>	View memory space available for storing pictures.

<b>Press</b> <b>DISCARD</b> key	<b>To</b> delete the video and return to active viewfinder
------------------------------------	---

4  up or down	scroll to an option
---------------	---------------------

5 <b>SELECT</b> key	select the option
---------------------	-------------------

Press to open the **Videos Menu** when the camera is active. The menu can include the following options:

Option	Description
<b>Go To Videos</b>	View videos stored on your phone.
<b>Internal / External View</b>	Switch between the internal (self-portrait) and external cameras.
<b>Video Setup</b>	Open the setup menu to adjust picture and video settings.
<b>View Free Space</b>	See how much memory remains for storing videos.

## Using Video Clips

You can download video clips with the micro-browser, and receive video clips in multimedia messages.

### Downloading Video Clips

To download a video clip with the micro-browser, see page29. To store a video clip from a message, see page82.

### Viewing and Managing Video Clips

To play a video clip stored on your phone:

**Find the Feature** > **Multimedia** > **Videos**

Press	To
1  up or down	scroll to the video clip
2 <b>PLAY</b> key	start video clip playback

During video clip playback, press to open the **Videos Menu** to perform various operation on the video:

Option	Description
<b>Play Full Screen</b>	Stretch the video to fill the display.
<b>Send in Message</b>	Insert selected video in a new message.
<b>Zoom</b>	Zoom in or out on the video.
<b>New</b>	Capture a new video.
<b>Details</b>	View video information.
<b>Delete</b>	Delete the selected video.
<b>Move</b>	Move selected video or marked video(s) to another device.
<b>Copy</b>	Copy selected video or marked video(s) to another device.
<b>Mark</b>	Mark the video to move, copy, send or delete it.
<b>Mark All</b>	Mark all video to move, copy, send, or delete them.
<b>Categories</b>	Create a new category, or view videos in a selected category.
<b>Assign to Category</b>	Assign the video to a defined category.

*Note: Some features on your phone might open a browser session automatically.*

### Starting a Micro-Browser Session

Press	To
1	start the micro-browser
2  up or down	scroll to a bookmark, service, or application
3 <b>SELECT</b> key	select the item

If you open a text message with a Web address (URL) embedded in it, you can press > to launch the micro-browser and go directly to the URL.

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

### Interacting With Web Pages

Press	To
up or down	scroll through text, or highlight a selectable item
<b>SELECT</b> key	select the highlighted item
keypad keys, followed by the <b>OK</b> key	enter information <b>Tip:</b> Press  to delete one letter at a time if you make a mistake.
<b>BACK</b> key	go back to the previous page
	open the <b>Browser Menu</b>

Option	Description
<b>Video Setup</b>	Open the setup menu to adjust video settings.
<b>View Free Space</b>	View memory space available for storing videos.

### Making Video Calls

If you call someone else who has a video phone, you can see each other while you talk.

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

### Micro-Browser



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

Your phone may use a high-speed *General Packet Radio Service* (GPRS) network connection. This type of connection is identified by a (GPRS) indicator in the home screen that disappears when you start a micro-browser session. If you see an (in-call) indicator during a micro-browser session, your phone is using a standard voice channel connection. The type of network connection your phone uses depends on your service provider's network. Your network connection charges may vary depending on the type of connection used.

### Downloading Objects From a Web Page

You can download a picture, sound, or other object from a Web page by selecting its link. You can store these media objects and use them as wallpaper images, screen saver images, and event alerts.

- The files that you download or receive as attachments might have a lock that keeps you from saving them on external memory, forwarding them, or editing them.
- If you receive a call during the download, press the **SWAP** key to answer the call without ending the download.
- To end a download in progress, press .

### Selecting or Creating a Web Session

Use this feature to select or create a Web session, or network connection profile. You can use different Web sessions to connect to the Internet in different ways.

**Find the Feature** > **Web Access** > **Web Sessions**

Contact your service provider to obtain Web session settings, if necessary.

### Running the Micro-Browser in the Background

Some phones are set up to run a micro-browser session in the background when the phone registers with a network. This lets your phone display information services messages sent by your service provider (such as stock updates, news headlines, or sports scores). These types of services typically are available through subscription from your service provider.

### Setting Up Browser Messages

**Find the Feature** > **Messages** > **Browser Msgs**

Option	Description
Off	stops all browser messages
Receive All	allows all browser messages
Restricted	allows only browser messages from your service centre number

### Connecting Your Phone to Another Device

You can connect your phone to a computer or hand-held device using a:

- Bluetooth® wireless link (see pag e33)
- USB cable



**Note:** Not all devices are compatible with all types of connections. Check your external device for specifications.

### Setting Up a Cable Connection

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

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

### Searching For Handsfree Devices

To connect your phone to a headset or handsfree accessory:

#### Find the Feature

☰ > Settings > Connection  
> Bluetooth Link > Handsfree  
> (Look For Devices)

Your phone presents a list of handsfree device(s) located within range of the phone. If your phone is already connected to a device, your phone lists the connected device and identifies it with a ✓ (in use) indicator.

To connect to a device, highlight the device name and press the **SELECT** key. To disconnect a device, highlight the device name and press the **DROP** key.

The device may request permission to bond with your phone. Select the **YES** key and enter the correct PIN code to create a secure connection with the device. When the connection is made, the **B** (Bluetooth) indicator or a **Bluetooth Connected** message displays in the home screen.

### Connecting to Recognised Handsfree Devices

Your phone stores the names of previously connected devices, and lists the recognised devices located within range of the phone when you open the **Handsfree** menu. If your phone is already connected to a device, your phone lists the connected device and identifies it with a ✓ (in use) indicator.

To connect to a recognised handsfree device:

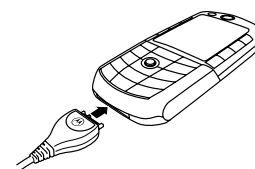
#### Find the Feature

☰ > Settings > Connection  
> Bluetooth Link > Handsfree  
> device name

For a Motorola headset or other audio device, your phone automatically attempts to connect to the device.

### Action

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



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

### Setting Up a Bluetooth® Wireless Connection

Your phone supports Bluetooth wireless connections. You can set up a wireless link with a compatible headset accessory, speakerphone, or handsfree car kit, or connect to a computer or hand-held device to exchange and synchronise data.

Your phone supports the following Bluetooth device profiles:

- headset
- handsfree
- dial-up networking
- object exchange
- file transfer

Before connecting your phone to another Bluetooth device, set up the other device as described in its user guide.

For a PC, set up the Bluetooth accessory card, card drivers, and application software. If you want to use Dial-up Networking Services, configure them for the Bluetooth modem as described in the software and modem user guides.

Your phone must be within 33 feet (10 metres) of the other device.

To disconnect a device, highlight the device name and press the **DROP** key.

### Switching To a Headset Or Car Kit During a Call

You can switch to a headset or car kit audio device during a call, either from the audio device or from your phone.

### Switching From the Audio Device

To connect to your phone from a headset or car kit audio device, press the device's Bluetooth® button to route all audio to the device.

### Switching From Your Phone

To connect your phone to a recognised headset or car kit audio device, press ☰ > **Use Bluetooth** during a call to route all audio to the device. Your phone attempts to reconnect to the most recently used audio device.

To switch back to the phone, press ☰ > **Use Handset** during a call to route all audio back to the phone.

### Making Your Phone Visible to Other Devices

To allow a new Bluetooth® device to discover and connect to your phone:

#### Find the Feature

☰ > Settings > Connection  
> Bluetooth Link > Setup > Find Me

The **B** (Bluetooth) indicator or Bluetooth message flashes, and the phone goes into discoverable mode until a connection is made, or until 60 seconds elapse.

The device may request permission to bond with your phone. Select the **YES** key and enter the correct PIN code to create a secure connection with the device.


## Sending Objects to Another Device

You can use a Bluetooth® wireless connection to copy a picture, sound, phonebook entry, datebook event, or bookmark from your phone to another phone, computer, or hand-held device.

Highlight the item on your phone that you want to copy to the other device, then press  > **Send** > **Bluetooth**.

Select a recognised device name listed in the **Object Exchange** menu, or **(Look For Devices)** to search for the device to which you want to copy the item.

## Editing Device Properties

To edit the properties of a recognised device, highlight the device name and press  > **Edit**. You can edit the following options:

Option	Description
<b>Name</b>	The name of the device as it displays in the device list.
<b>Access</b>	Determines how a device connects to the phone: <b>Automatic:</b> Device is automatically connected to the phone without user interaction. <b>Ask:</b> Device must request permission to connect.

## Setting Your Phone's Bluetooth Options

### Find the Feature



> **Settings** > **Connection**  
> **Bluetooth Link** > **Setup**

You can set the following options. Some options may not be available for all phone models.

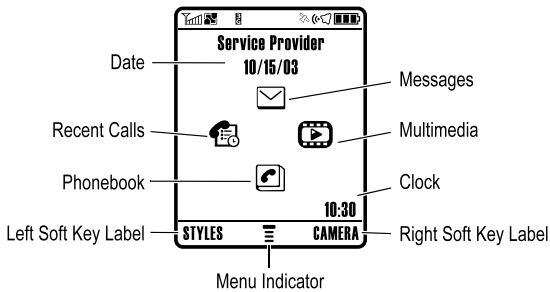
Option	Description
<b>Power</b>	Set to <b>On</b> to enable Bluetooth functionality on your phone. Set <b>Off</b> to disable Bluetooth when you want privacy or when Bluetooth use is prohibited.
<b>Name</b>	Your phone's device name that is sent to other Bluetooth devices.
<b>Voice Dial</b>	Set to <b>On</b> to transfer voice key functionality to the Bluetooth button on a headset accessory when connected. <b>Note:</b> <i>This feature may not work with all headset accessories.</i>

# Learning to Use Your Phone

See page 1 for a basic phone diagram.

## Using the Display

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



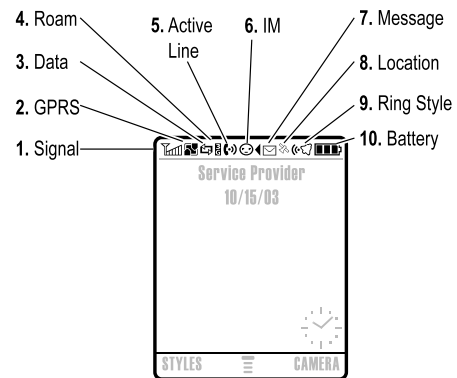
Press the 5-way navigation key (◂◃) left, right, up, or down to select one of the menu feature icons. If you select a menu icon by mistake, press (⏏) to return to the home screen.

**Note:** Your home screen may look different from the display shown above. For example, your service provider may hide the menu feature icons to allow a better view of the wallpaper image. You can still select the menu icons when they are hidden from view.

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.

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 is displayed.

### 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 activate
- = GPRS attach
- = GPRS packet data available

### 3. Data Transmission Indicator

Shows connection and data transmission status. Indicators can include:

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

### 4. Roam Indicator

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

- = 3G home
- = 3G roam
- = 2.5G home
- = 2.5G roam
- = 2G home
- = 2G roam

### 5. Active Line Indicator

Shows (☎) to indicate an active call, or (☎) to indicate when call diverting is on. Icons for dual-line SIM cards can include:

- = line 1 active
- = line 2 active
- = line 1 active, call divert on
- = line 2 active, call divert on

### 6. Instant Messaging 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

When a Java™ application is active, a (☎) (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
- = voice and text message
- = answering machine
- = IM 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.

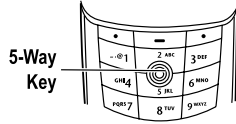
- 🔊 = loud ring
- 🔊🔊 = vibrate and ring
- 🔊🔊🔊 = vibrate
- 🔊 = soft ring
- 🔊🔊 = vibrate then ring
- 🔊 = silent

### 10. Battery Level Indicator

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

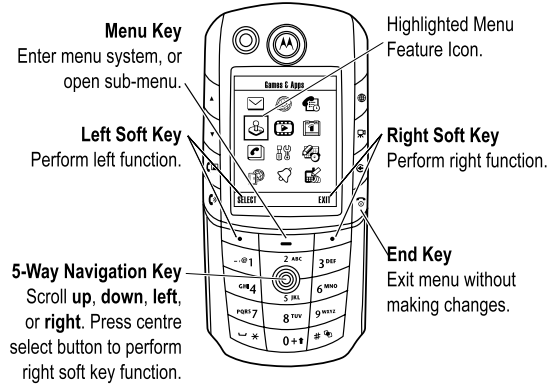
### Using the 5-Way Navigation Key

Use the 5-way navigation key (⬆️) to scroll up, down, left, or right in the menu system. Press the centre of the key (⬆️) to select a highlighted menu item.



### Using Menus

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



Press **Menu** to scroll to and highlight a menu feature icon in the main menu. The following icons may display in the main menu, depending on your service provider and service subscription options.

Icon	Feature	Icon	Feature
✉️	Messages	🌐	Browser
📞	Recent Calls	🎮	Games & Apps
📺	Multimedia	📅	Datebook
📖	Phonebook	⚙️	Settings
🔧	Tools	🌐	Web Access
🔊	Ring Styles	👤	Personalise
💬	IM	🕒	Chat

### Selecting a Menu Feature

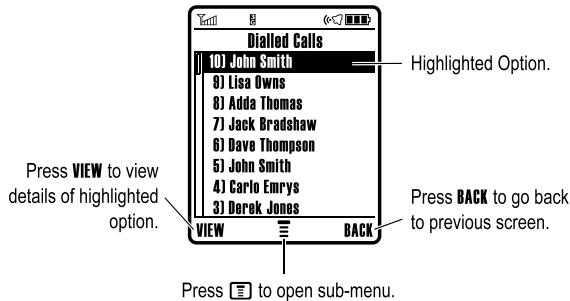
To select a menu feature, starting from the home screen:

**Find the Feature** **Menu** > Recent Calls > Dialed Calls

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

### Selecting a Feature Option

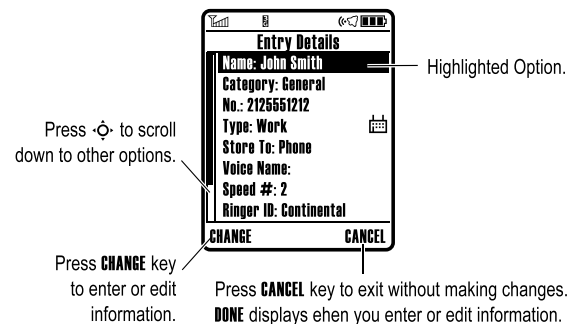
Some features require you to select an option from a list:



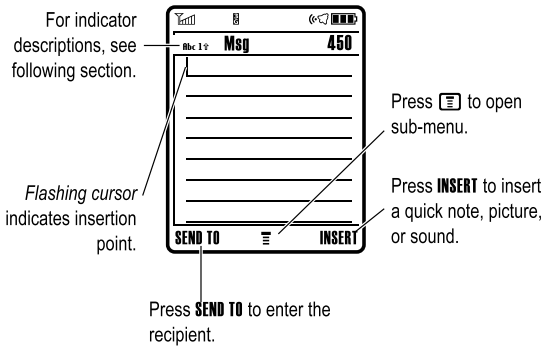
- Press **Menu** to scroll up or down to highlight the option you want.
- In a numbered list, press a number key to highlight the option.
- In an alphabetised list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list option.

### Entering Text

Some features require you to enter information.



The message centre lets you compose and send text messages.



### Choosing a Text Entry Mode

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

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

<b>Primary</b>	The primary text entry mode (see the following section).
<b>Numeric</b>	Enter numbers only (see page 52).
<b>Symbol</b>	Enter symbols only (see page 52).
<b>Secondary</b>	The secondary text entry mode (see below to set).

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

### Setting Up a Text Entry Mode

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

<b>iTAP</b>	Let the phone predict each word as you press keys (see page 51).
<b>Tap</b>	Enter letters and numbers by pressing a key one or more times.
<b>Tap Extended</b>	Enter letters, numbers, and symbols by pressing a key one or more times.
<b>None</b>	Hide the Secondary setting (only available for Secondary Setup).

### Using Capitalisation

Press [Shift] in any text entry screen to change text case. The following indicators show capitalisation status:

<b>abc</b> = no capital letters	<b>Abc</b> = capitalise next letter only
<b>ABC</b> = 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	Second.	
1	2	Tap, no capital letters
1↑	2↑	Tap, capitalise next letter only
1↑	2↑	Tap, all capital letters
1□	2□	iTAP, no capital letters

Primary	Second.	
1□	2□	iTAP, capitalise next letter only
1↑	2↑	iTAP, all capital letters

Two other indicators identify **Numeric (123)** or **Symbol (@%)** entry modes.

### Using Tap Mode

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

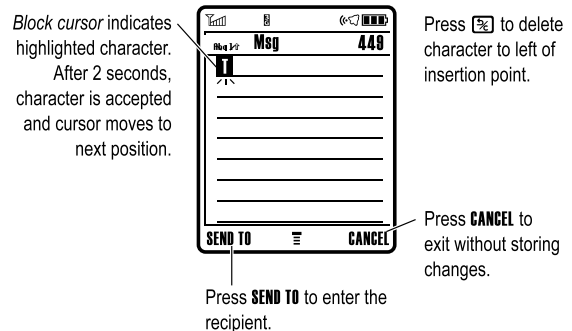
Regular **Tap** mode cycles through the letters and number of the key you press. **Tap Extended** also cycles through additional symbols as shown in the chart on page 50.

Press	To
1 A keypad key one or more times	select a letter, number, or symbol
2 keypad keys	enter remaining characters
3 OK key	store the text

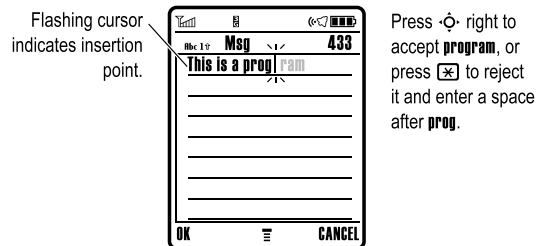
**Tip:** Press [Right Arrow] right to accept a word completion, or [Space] to insert a space.

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 47.

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



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:



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**.

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

## Tap Text Entry Rules

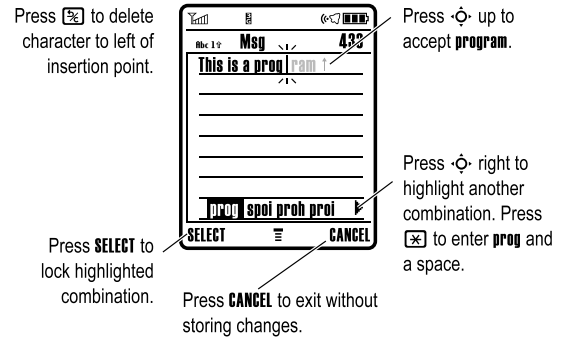
- Press a keypad key repeatedly to cycle through its characters.
- Press **◂** left or right to move the flashing cursor to the left or right in a text message.
- The first character of every sentence is capitalised. If necessary, press **◃** down to force the character to lowercase before the cursor 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™ Mode

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

For example, if you press **7 7 6 4**, letter combinations that match your keypresses display:



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 mode is active (see page 47). If iTAP mode is not available as the **Primary** or **Secondary** entry mode, see page e47.

Press	To
1 keypad keys (one press per letter)	show possible letter combinations at the bottom of the screen
2 <b>◂</b> left or right	highlight the combination you want
3 <b>SELECT</b> key	lock a highlighted combination You can press keypad keys to add more letters to the end of the combination.
or <b>*</b>	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.

## Using Numeric Mode

In a text entry screen, press **#** 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 **#** to switch to another entry mode.

## Using Symbol Mode

In a text entry screen, press **#** to switch entry modes until the **@%** (**Symbol**) indicator displays.

Press	To
1 keypad keys (one press per symbol)	show possible symbols at the bottom of the display
2 <b>◂</b> left or right	highlight the symbol you want
3 <b>SELECT</b> key	enter the highlighted symbol

## Symbol Chart

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

1	.?! , @ ' - _ : ; ( ) & " ~ 1 0 ÿ ÿ % £ \$ ¥ ¢ € + x * / \ [ ] = > < # \$
2	@ _ \ α β
3	/ : ; δ Δ ε φ Φ
4	" & ' γ Γ η ι
5	() [] {} κ λ Λ
6	ÿ ÿ ~ μ ν ω Ω
7	< > = π Π ρ σ Σ
8	\$ £ ¥ ¢ € θ Θ τ υ
9	# % * ζ ξ Ξ χ ψ Ψ
0	+ - x * / = > < # \$
*	enter a space (hold to enter a return)
#	change text entry method (hold for default)

**Note:** This chart may not reflect the exact character set available on your phone. In an email address or URL editor, **1** first shows common characters for that editor.

## Deleting Letters and Words

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

### Action

Press **[X]** to delete one letter at a time.

Hold **[X]** to delete the entire message.

## Copying, Cutting, and Pasting Text

Press **[M]** from a text entry screen to display these options:

Option	Description
Copy Text	Copy the text you are about to highlight (see "Highlighting Text" below).
Copy All Text	Copy all text in the editor.
Cut Text	Cut the text you are about to highlight (see "Highlighting Text" below)
Cut All Text	Cut all text in the editor.
Paste	Paste the text you cut or copied.
Undo	Undo the last copy, cut, or paste in the current text editor.

**Note:** Copy All Text also displays in the menu (press **[M]**) when you are viewing details for a Phonebook entry, Datebook event, Browser page, text message, or Recent Calls entry.

## Highlighting Text

In a text editor, to highlight and copy or cut text:

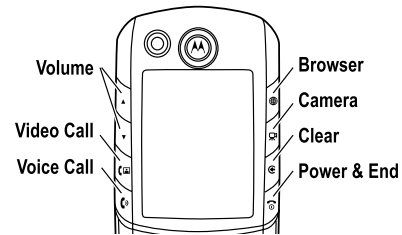
Find the Feature **[M]** > Copy Text or Cut Text

Press	To
1 <b>[C]</b>	scroll to the beginning of the text you want to copy or cut
2 <b>START</b> key	turn on the highlighting marker
3 <b>[C]</b>	scroll to the end of the text you want to copy or cut
4 <b>COPY</b> key or <b>CUT</b> key	copy or cut the text you selected  You can now paste the text in another location or file.

Text remains on your clipboard, available to paste, until you copy or cut other text or until you turn off your phone.

## Using Special Keys

Your phone has special keys that give you quick access to common tasks.



- **Volume Keys:** Adjust earpiece volume during a call, or ringer volume from the home screen (see page 18).
- **Video Call Key:** Make a video call to a number you entered (see page e29).

- **Voice Call Key:** Make a voice call to a number you entered (see page e19).
- **Browser Key:** Launch the micro-browser (see page 29).
- **Camera Key:** Display the camera viewfinder (see page 21).
- **Clear Key:** Delete one character or move back one screen in the browser.
- **Power & End Key:** Turn phone on and off, end calls or exit the menu system (see page 17).

## 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 the **SPEAKER** key to turn the handsfree speaker on or off 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 the **SPEAKER** key 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 or PIN2 code, if necessary.

To change a code or password:

Find the Feature **[M]** > 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 68).

## Locking Your Phone Manually

Find the Feature **[M]** > Settings > Security > Phone Lock > Lock Now

Press	To
1 keypad keys	enter your unlock code
2 <b>OK</b> key	lock the phone

## Unlocking Your Phone

Your phone's unlock code is originally set to 1234. Many service providers 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 <b>OK</b> key	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 <b>OK</b> key	activate automatic lock

### Locking and Unlocking the Keypad


Press   to lock or unlock the keypad. This feature prevents an accidental keypress from inadvertently dialling an emergency number or one-touch dial number (for example, when carrying your phone in a purse or pocket).

**Note:** *You can still answer calls when the keypad is locked.*

### 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. Many service providers 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 <i>bypass</i> screen
2 keypad keys	enter your <i>security code</i>
3 <b>OK</b> key	submit your security code

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

# Setting Up Your Phone

## Storing Your Name and Phone Number



To store or edit your name and phone number information on your SIM card:

**Find the Feature** > Settings > Phone Status > My Tel. Numbers

**Shortcut:** Press from the home screen to view or edit your name and phone number.

If you do not know your phone number, contact your service provider.

## Setting the Time and Date

Your phone uses the time and date for the **Datebook**.

**Find the Feature** > Settings > Initial Setup > Time and 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 42).

To set a ring style:

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

## Setting a Screen Saver Image

You can set a photo, 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 period. The image shrinks to fill the display, if necessary. An animation repeats for one minute, then the first frame of the animation displays.

**Tip:** Turn off the screen saver to extend battery life.

**Find the Feature** > Personalise > Screen Saver

Setting	Description
Picture	select the picture or animation for your screen saver
Delay	select how long your phone must be inactive before the screen saver picture displays <b>Note:</b> If this setting is longer than your Display Timeout setting, then your display will turn off before you see the screen saver.

## Setting Display Brightness

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

## Setting Display Colour

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

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

Press	To
1  up or down	scroll to the ring style
2 <b>SELECT</b> key	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 > Ring Styles > style Detail.

- If you select the **Silent** ring style, your phone will not use **Auto Answer** (see page 89).
- Java™ applications can make your phone vibrate or light up. You can turn off **App Vibration** and **App Backlight** under > Settings > Java Settings.
- To turn off alerts for messages that arrive during a call, select > Settings > In-Call Setup > Msg Alert > Not in Call.

## Setting a Wallpaper Image

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

**Note:** When you set an animation as a wallpaper image, only the first frame of the animation displays.

**Find the Feature** > Personalise > Wallpaper

Setting	Description
Picture	Select the picture or animation for the background image in your home screen.
Layout	Select <b>Centre</b> , <b>Tile</b> , or <b>Fit-to-screen</b> .

## Adjusting the Backlight

You can set the amount of time that the display and keypad backlights remain on, or turn off backlights to extend battery life.

**Caution:** The **Continuous** setting can decrease battery life.

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

## Setting Display Timeout

You can set the display to turn itself off when no activity is detected for a specified time period.

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

## Using AGPS Location Information



Your phone can use Assisted Global Positioning Service (AGPS) to tell the network where you are physically located.

### Limitations of AGPS

Sometimes adequate signals from multiple satellites are unavailable, usually because your AGPS phone's antenna cannot establish a view of a wide area of open sky. In these cases, the AGPS feature *will not work*. Such situations include, but are not limited to, the following:

- in underground locations
- inside of buildings, trains, or other covered vehicles
- under any other metal or concrete roof or structure
- between tall buildings or under dense tree cover

- near a powerful radio or television tower
- when your AGPS antenna is covered (for example, by your hand or other object) or facing the ground
- when there are temperature extremes outside the operating limits of the phone

Even where location information can be calculated in such situations, it may take more time than usual, and your location estimate may not be as accurate.

Even where adequate signals from multiple satellites are available, your AGPS feature will provide only an approximate location, often within 150 feet (45 metres) but sometimes much farther from your actual location.

The satellites used by your phone's AGPS feature are controlled by the U.S. government and are subject to changes implemented in accordance with the Department of Defense AGPS user policy and the Federal Radio Navigation Plan. These changes may affect the performance of your phone's AGPS feature.

### ***Hiding or Showing Location Information***



When **AGPS Service** is turned **On**, services may use your known location to provide useful information (for example, driving directions, or the location of the nearest bank). Contact your service provider for details.

When **AGPS Service** is turned **Off**, it does not send location information.

#### **Find the Feature**



> **Settings > Phone Status**  
> **AGPS Service > On or Off**

## Calling Features

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For basic instructions on how to make and answer calls, see page 19.

### 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 40).

### Redialling a Number

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

### Using Automatic Redial



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


Calling Features - 65

With automatic redial, your phone automatically redials the number. When the call goes through, your phone rings or vibrates one time, displays the message **Redial Successful**, and then connects the call.

To turn automatic redial on or off

**Find the Feature**  > **Settings > Initial Setup > Auto Redial**

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

Press	To
 or <b>RETRY</b> key	activate automatic redial

Your phone automatically 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.

The phone displays the caller's name (and picture, if available) if 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** for specific entries stored in your phonebook. For more information, see page 84.

### Outgoing Calls




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

While dialling (with digits visible in the display), press  > **Hide ID/Show ID**.

### Cancelling an Incoming Call

While the phone is ringing or vibrating:

Press	To
 or <b>DIVERT</b> key	divert the call to your voicemail or call divert number, as though your line was busy



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

### Turning Off a Call Alert


You can turn off your phone's incoming call alert before answering the call.

Press	To
either volume key	turn off the alert

## 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. Your service provider can program additional emergency numbers into your SIM card. *However, your SIM card must be inserted in your phone in order to use the numbers stored on it.* See your service provider for additional information on this issue.

**Note:** 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	To
1 keypad keys	dial the emergency number
2 	call the emergency number

## Using AGPS During an Emergency Call



When you make an emergency call, your phone's assisted-Global Positioning System (AGPS) feature can calculate your approximate location and help emergency service personnel find you.


- This feature can work only if the emergency response centre can receive and process location information. If you are concerned about whether your local emergency response centre can receive AGPS location information, contact your local authorities.
- For the AGPS feature to work when making emergency calls, the service must be turned on (see page64).

For best results, you should be located where your phone's antenna can establish a clear view of the open sky. This allows your phone to access AGPS satellite signals. Even under good conditions, it may take 30 seconds or more to determine your approximate location. This time increases and the accuracy of the results decreases with reduced access to satellite signals.

If your phone does not have adequate access to AGPS satellite signals, the location of the nearest cell tower in contact with your phone is automatically provided to the emergency response centre.


Because of the limitations of the AGPS feature, always provide your best knowledge of your location to the emergency response centre, just as you would when using a phone without AGPS capabilities. Also, remain on the phone for as long as the emergency response centre instructs you.

## 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	To
1 	scroll to <b>Received Calls</b> or <b>Dialled Calls</b>
2 <b>SELECT</b> key	select the list
3 	scroll to an entry
	<b>Note:</b> ✓ means the call connected.
4 	call the entry's number
	<b>Tip:</b> Press and hold  for two seconds to send the number as DTMF tones during a call.
or	
	make a video call to the entry's number
or	
<b>View / Store</b> key	if <b>View</b> displays above the left soft key, this displays entry details if <b>Store</b> displays above the left soft key, this stores the entry in the phonebook
or	
	open the <b>Last Calls Menu</b> to perform various operations on the entry



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

Option	Description
<b>Store</b>	Create a phonebook entry with the number in the <b>No.</b> field.
<b>Delete</b>	Delete the entry.

Option	Description
<b>Delete All</b>	Delete all entries in the list.
<b>Hide ID/Show ID</b>	Hide or show your caller ID for the next call.
<b>Send Message</b>	Open a new text message with the number in the <b>To</b> field.
<b>Add Digits</b>	Add digits after the number.
<b>Attach Number</b>	Attach a number from the phonebook or recent calls lists.
<b>Send Tones</b>	Send the number to the network as DTMF tones. This option displays only during a call.

## Returning an Unanswered Call

Your phone keeps a record of your unanswered calls, and displays **X Missed Calls**, where **X** is the number of missed calls.

Press	To
1 <b>VIEW</b> key	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 <b>Dialling Menu</b> to attach a number or insert a special character
or	
<b>STORE</b> key	create a phonebook entry with the number in the <b>No.</b> field

## Attaching a Number

While dialling (with digits visible in the display):

Press	To
> <b>Attach Number</b>	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 the **VIEW** key.

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

## 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	To
1 keypad keys	enter your voicemail number
2 <b>OK</b> key	store the number

You cannot store a **p** (pause), **w** (wait), or **n** (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. To store these characters in a number, see page83.

## Using Call Waiting

When you are on a call or downloading a file, an alert tone sounds to indicate that you have received a second call.

Press	To
1	answer the new call
2 <b>SWITCH</b> key	switch between calls
or	
<b>LINK</b> key	connect the 2 calls

## Calling With 1-Touch Dial

To call phonebook entries 2 to 9, press and hold the single-digit speed dial number for one second.

Press and hold to dial your voicemail number. To store your voicemail number, see page74.

## 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**

**Shortcut:** Press and hold in the home screen.

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 (voicemail message indicator) and **New VoiceMail**.

Press	To
<b>CALL</b> key	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.

Press	To
or	
> <b>End Call On Hold</b>	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
> <b>Hold</b>	put the call on hold

## Transferring a Call



You can announce that you are transferring an active call to another party, or you can directly transfer the call.

## 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 <b>Transfer</b>

<b>Press</b>	<b>To</b>
5 <b>SELECT</b> key	select <b>Transfer</b>
6 <b>OK</b> key	confirm the transfer

### ***Do Not Announce the Call Transfer***

**Find the Feature**       > **Transfer**

<b>Press</b>	<b>To</b>
1 keypad keys	dial the number where you are transferring the call
2 	transfer the call

# Phone Features

## Menu Map

### Main Menu

- Messages**
  - Message Inbox
  - Create Message
  - Email Msgs
  - Voicemail
  - Browser Msgs
  - Quick Notes
  - Outbox
  - Drafts
  - MMS Templates
  - Info Services \*
- Browser**
- Recent Calls**
  - Received Calls
  - Dialled Calls
  - Notepad
  - Call Times
  - Call Cost \*
  - Data Times \*
  - Data Volumes \*
- Games & Apps**
- Multimedia**
  - Camera
  - Record Video
  - Pictures
  - Videos
  - Sounds
  - Themes
- Datebook**
- Phonebook**
- Settings**
  - (see next page)
- IM \***
- Tools**
  - Shortcuts
  - Calculator
  - Alarm Clock
  - Dialling Services
  - Fast Menu \*
  - SIM Apps \*
- Web Access**
  - Browser
  - Bookmarks
  - Enter URL
  - Browser Settings
  - History
  - Web Sessions
  - Stored Pages
- Personalise**
  - Home Screen
  - Main Menu
  - Colour Style
  - Greeting
  - Wallpaper
  - Screen Saver
- Ring Styles**
  - Style
  - style Detail
  - My Tones

Menu organisation and feature names may vary on your phone.

\* Indicates network or subscription-dependant features

Phone Features - 77

## Settings Menu

- Connection**
  - Bluetooth Link
  - Sync \*
- Call Divert**
  - Voice Calls
  - Video Calls
  - Cancel All
  - Divert Status
- In-Call Setup**
  - In-Call Timer
  - Call Cost Setup \*
  - My Caller ID
  - Answer Options
  - Call Waiting
  - Msg Alert
- Initial Setup**
  - Time and Date
  - 1-Touch Dial
  - Auto Redial
  - Display Timeout
  - Backlight
  - Scroll
  - Spatial Audio
  - Language
  - Battery Save
  - Brightness
  - DTMF
  - Master Reset
  - Master Clear
- Phone Status**
  - My Tel. Numbers
  - Credit Info/Available \*
  - Active Line \*
  - Battery Meter
  - Storage Devices
  - AGPS Service
  - Other Information
- Headset**
  - Auto Answer
  - Ringer Options
  - Voice Dial
- Car Settings**
  - Auto Answer
  - Auto Handsfree
  - Power-off Delay
  - Charger Time
- Network**
  - New Network
  - Network Setup
  - Available Networks
  - Service Tone
  - Call Drop Tone
- Security**
  - Phone Lock
  - Lock Keypad
  - Lock Application
  - Fixed Dial
  - Call Barring
  - SIM PIN
  - New Passwords
- Java Settings**
  - Java System
  - Delete All Apps
  - App Vibration
  - App Volume
  - App Priority
  - App Backlight
  - Set Standby App

\* Indicates network or subscription-dependant features







## Feature Quick Reference


### Calling Features

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



### Messages

Feature	Description
<b>Send Text Message</b>	Send a text message: > <b>Messages</b> > <b>Create Message</b> > <b>New Text Message</b>
<b>Send Quick Note Text Message</b>	Send a quick note: > <b>Messages</b> > <b>Quick Notes</b> Scroll to a note and press the <b>SEND</b> key.
<b>Send Multimedia Message</b>	Send a multimedia message: > <b>Messages</b> > <b>Create Message</b> > <b>New Multimedia Message</b>








Feature	Description
<b>Use MMS Template</b>	Open an MMS template with preloaded media:  > <b>Messages</b> > <b>Create Message</b> > <b>MMS Templates</b> <b>Tip:</b> To download templates or other objects from a Web page, see page94.
<b>Insert Pictures and Other Objects</b>	While editing a message:  > <b>Insert</b> <b>Note:</b> Some files might have a lock that keeps you from forwarding them.
<b>View Sent Messages</b>	 > <b>Messages</b> > <b>Outbox</b>
<b>Read Message</b>	Read a new text or multimedia message that you have received: Press the <b>READ</b> key.
<b>Reply to Message</b>	While reading a message:  > <b>Reply</b> <b>Tip:</b> To change the message type for your replies to MMS messages:  > <b>Messages</b> > <b>Message Setup</b> > <b>MMS Msg Setup</b> > <b>Reply Type</b>
<b>Store Message Objects</b>	Go to a multimedia message slide, or highlight an object in a message, then:  > <b>Store</b>

Feature	Description
<b>Set Up Text Message Inbox</b>	Set up or edit the text message inbox settings:  > <b>Messages</b> > <b>Message Setup</b> > <b>Text Msg Setup</b>








### Instant Messaging

Feature	Description
<b>Log In</b>	Log in to instant messaging:  > <b>IM</b> > <b>Log In</b>
<b>Find Others Online</b>	After you log in: Select <b>Contact List</b> to see a list of other users.
<b>Start Conversation</b>	Start a conversation: From your <b>Contact List</b> , highlight a name in <b>Online Contacts</b> , press the <b>SEND IM</b> key.
<b>Open Active Conversation</b>	Open a conversation in progress: From your <b>Contact List</b> , highlight a name in <b>Conversations</b> , press the <b>VIEW</b> key.
<b>End Conversation</b>	From the conversation display:  > <b>End Conversation</b>
<b>Log Out</b>	Log out of instant messaging: Select <b>Log Out</b> from the <b>IM Online</b> menu.

### Email

Feature	Description
<b>Send Email Message</b>	Send an email message:  > <b>Messages</b> > <b>Create Message</b> > <b>New Email</b>
<b>Insert Quick Notes, Pictures, and Other Objects</b>	While editing a message:  > <b>Insert</b> <b>Note:</b> Some files might have a lock that keeps you from forwarding them.
<b>View Sent Messages</b>	 > <b>Messages</b> > <b>Outbox</b>
<b>Reply to Message</b>	While reading a message:  > <b>Reply</b>
<b>Store Message Objects</b>	While reading a message, highlight an object then:  > <b>Store</b>
<b>Receive New Email Messages</b>	When you receive a message that emails are waiting: Press the <b>PICKUP</b> key.
<b>Read Email Message</b>	Read a new email message that you have received: Press the <b>READ</b> key.
<b>Set Up Email Inbox</b>	Set up or edit the email inbox settings:  > <b>Messages</b>  > <b>Email Msg Setup</b>

### Phonebook

Feature	Description
<b>Create Entry</b>	Create a new phonebook entry:  > <b>Phonebook</b>  > <b>New</b> > <b>Phone Number</b> or <b>Email Address</b>
<b>Dial Entry</b>	Call a number stored in the phonebook:  > <b>Phonebook</b> , highlight the phonebook entry, press  to call
<b>Voice Dial Entry</b>	Voice dial a number stored in the phonebook: Press and hold  , then say the entry's name when prompted.
<b>Edit Entry</b>	Edit an entry stored in the phonebook:  > <b>Phonebook</b> , highlight the phonebook entry, then press the <b>VIEW</b> key and <b>EDIT</b> key
<b>Store a PIN Code in a Number</b>	While entering the number:  > <b>Insert Pause</b> , <b>Wait</b> , or <b>'n'</b> <b>Pause</b> waits for the call to connect, then sends the remaining digit(s). If your network does not recognise the first pause character, try two (pp). <b>Wait</b> waits for the call to connect, then prompts you for confirmation before it sends the remaining digit(s). <b>'n'</b> prompts you for a number before dialling the call. The number you enter is inserted into the dialling sequence in place of the n character

Feature	Description
<b>Set Ringer ID for Entry</b>	Assign a distinctive ringer alert to a phonebook entry: <ul style="list-style-type: none"> <li>☰ &gt; Phonebook &gt; entry</li> <li>☰ &gt; Edit &gt; Ringer ID &gt; ringer name</li> </ul> <i>Note: The Ringer ID option is not available for entries stored on the SIM card.</i>
<b>Set Category for Entry</b>	Set the category for a phonebook entry: <ul style="list-style-type: none"> <li>☰ &gt; Phonebook &gt; entry</li> <li>☰ &gt; Edit &gt; Category &gt; category name</li> </ul> <i>Note: The Category option is not available for entries stored on the SIM card.</i>
<b>Set Category View</b>	Set a phonebook category view: <ul style="list-style-type: none"> <li>☰ &gt; Phonebook</li> <li>☰ &gt; Categories &gt; category to view</li> </ul>
<b>Set Category Ringer ID</b>	Set a distinctive ring for calls from phonebook entries in a specific category: <ul style="list-style-type: none"> <li>☰ &gt; Phonebook</li> <li>☰ &gt; Categories, scroll to entry, press ☰</li> <li>&gt; Edit &gt; Ringer ID</li> </ul>
<b>Sort Phonebook List</b>	Set the order in which phonebook entries are listed: <ul style="list-style-type: none"> <li>☰ &gt; Phonebook</li> <li>☰ &gt; Setup &gt; Sort by &gt; sort order</li> </ul>

Feature	Description
<b>Set Primary Number</b>	Set the primary number for a phonebook entry with multiple numbers: <ul style="list-style-type: none"> <li>☰ &gt; Phonebook, scroll to entry, press ☰</li> <li>&gt; Set Primary &gt; phone number</li> </ul>
<b>Copy Phonebook Entry to SIM or Phone</b>	Copy a phonebook entry between the phone and SIM card: <ul style="list-style-type: none"> <li>☰ &gt; Phonebook, highlight the entry, press ☰</li> <li>&gt; Copy Entry</li> </ul>
<b>Copy Phonebook Entry to Another Device</b>	Copy a phonebook entry to another phone, computer, or device: <ul style="list-style-type: none"> <li>☰ &gt; Phonebook, highlight the entry, press ☰</li> <li>&gt; Share Phonebook Entry</li> <li>&gt; sending method</li> </ul>
<b>1-Touch Dial</b>	Set 1-touch dial to call entries stored in your phone memory phonebook or the SIM card phonebook: <ul style="list-style-type: none"> <li>☰ &gt; Settings &gt; Initial Setup &gt; 1-Touch Dial</li> </ul>

### Personalising Features

Feature	Description
<b>Ring Style</b>	Change the ring alert for an event: <ul style="list-style-type: none"> <li>☰ &gt; Ring Styles &gt; style Detail &gt; event name</li> </ul>
<b>Ringer IDs</b>	Activate distinctive ring alerts assigned to phonebook entries: <ul style="list-style-type: none"> <li>☰ &gt; Ring Styles &gt; style Detail &gt; Ringer IDs</li> </ul>
<b>Ring Volume</b>	Set ringer volume: <ul style="list-style-type: none"> <li>☰ &gt; Ring Styles &gt; style Detail &gt; Ring Volume</li> </ul>




Feature	Description
<b>Keypad Volume</b>	Set keypad keypress volume: <ul style="list-style-type: none"> <li>☰ &gt; Ring Styles &gt; style Detail &gt; Key Volume</li> </ul>
<b>My Tones</b>	Compose your own ring tones: <ul style="list-style-type: none"> <li>☰ &gt; Ring Styles &gt; My Tones</li> </ul>
<b>Spatial Sound</b>	Turn on or off a surround sound effect for stereo files: <ul style="list-style-type: none"> <li>☰ &gt; Settings &gt; Initial Setup &gt; Spatial Audio</li> </ul>
<b>Menu View</b>	Display the main menu as graphic icons or as a text-based list: <ul style="list-style-type: none"> <li>☰ &gt; Personalise &gt; Main Menu &gt; View</li> </ul>
<b>Menu Order</b>	Reorder your phone's main menu: <ul style="list-style-type: none"> <li>☰ &gt; Personalise &gt; Main Menu &gt; Reorder</li> </ul>
<b>Change Home Screen Nav Key Shortcuts</b>	Change menu feature icons in the home screen <ul style="list-style-type: none"> <li>☰ &gt; Personalise &gt; Home Keys</li> </ul>
<b>Shortcuts</b>	Create a shortcut to a menu item: Highlight the menu item, then press and hold ☰. Select a shortcut: <ul style="list-style-type: none"> <li>☰ &gt; Tools &gt; Shortcuts &gt; shortcut name</li> </ul>



### Menu Features

Feature	Description
<b>Language</b>	Set menu language: <ul style="list-style-type: none"> <li>☰ &gt; Settings &gt; Initial Setup &gt; Language</li> </ul>


Feature	Description
<b>Master Reset</b>	Reset all options except unlock code, security code, and lifetime timer: <ul style="list-style-type: none"> <li>☰ &gt; Settings &gt; Initial Setup &gt; Master Reset</li> </ul>
<b>Master Clear</b>	Reset all options except unlock code, security code, and lifetime timer, and clear all user settings and entries except SIM card information: <ul style="list-style-type: none"> <li>☰ &gt; Settings &gt; Initial Setup &gt; Master Clear</li> </ul>

### Dialling Features





Feature	Description
<b>Fixed Dial</b>	Turn fixed dialling on or off: <ul style="list-style-type: none"> <li>☰ &gt; Settings &gt; Security &gt; Fixed Dial</li> </ul> Use the fixed dial list: <ul style="list-style-type: none"> <li>☰ &gt; Tools &gt; Dialling Services &gt; Fixed Dial</li> </ul> 
<b>Service Dial</b>	Dial service phone numbers: <ul style="list-style-type: none"> <li>☰ &gt; Tools &gt; Dialling Services</li> <li>&gt; Service Dial</li> </ul> 
<b>Quick Dial</b>	Dial preprogrammed phone numbers: <ul style="list-style-type: none"> <li>☰ &gt; Tools &gt; Dialling Services</li> <li>&gt; Quick Dial</li> </ul> 



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

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

Feature	Description
<b>Call Cost</b>	View call cost trackers:  > <b>Recent Calls</b> > <b>Call Cost</b> 



### 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
<b>Speaker-phone</b>	Activate the speakerphone during a call: Press the <b>SPEAKER</b> key (if available) or  > <b>Spkrphone On</b> 
<b>Auto Answer</b> (car kit or headset)	Automatically answer calls when connected to a car kit or headset:  > <b>Settings</b> > <b>Car Settings</b> or <b>Headset</b> > <b>Auto Answer</b> <i>Note: Your phone will not automatically answer calls if the ring style is set to Silent.</i> 
<b>Voice Dial</b> (headset)	Enable voice dial with headset send/end key:  > <b>Settings</b> > <b>Headset</b> > <b>Voice Dial</b> 
<b>Auto Handsfree</b> (car kit)	Automatically route calls to a car kit when connected:  > <b>Settings</b> > <b>Car Settings</b> > <b>Auto Handsfree</b> 

Feature	Description
<b>Power-off Delay</b> (car kit)	Set the phone to stay on for a specified time after the ignition is switched off:  > <b>Settings</b> > <b>Car Settings</b> > <b>Power-off Delay</b> 
<b>Charger Time</b> (car kit)	Charge the phone for a specified time after the ignition is switched off:  > <b>Settings</b> > <b>Car Settings</b> > <b>Charger Time</b> 



### Data Calls

Feature	Description
<b>Send Data</b>	Connect your phone to a device, then place a call through the device application. 
<b>Receive Data</b>	Connect your phone to a device, then answer a call through the device application. 







### Bluetooth® Wireless Connections






Feature	Description
<b>Make Phone Visible to Other Device</b>	Allow an unknown Bluetooth device to discover your phone:  > <b>Settings</b> > <b>Connection</b> > <b>Bluetooth Link</b> > <b>Setup</b> > <b>Find Me</b> <b>Tip:</b> After the first connection, you do not need to select <b>Find Me</b> to re-connect. 
<b>Connect to a Handsfree Device</b>	Connect to a handsfree device:  > <b>Settings</b> > <b>Connection</b> > <b>Bluetooth Link</b> > <b>Handsfree</b> > <i>device name</i> or <b>Look for Devices</b> 
<b>Connect to a Handsfree Device During a Call</b>	Switch to a headset or car kit during a call:  > <b>Use Bluetooth</b> 
<b>Disconnect From Device</b>	Disconnect from a device: Highlight the device name and press the <b>DROP</b> key. 
<b>Edit Device Properties</b>	Edit the properties of a recognised device: Highlight the device name and press  > <b>Edit</b> . 
<b>Set Bluetooth Options</b>	Set your phone's Bluetooth options:  > <b>Settings</b> > <b>Connection</b> > <b>Bluetooth Link</b> > <b>Setup</b> 

## Network Features



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

## Personal Organiser Features

Feature	Description
<b>Create Datebook Event</b>	Create a new datebook event:  > <b>Datebook</b> , highlight the day, press the centre select button, press  > <b>New</b>
<b>View Datebook Event</b>	View or edit event details:  > <b>Datebook</b> , highlight the day, press the centre select button, scroll to the event, and press the <b>VIEW</b> key
<b>Event Reminder</b>	View event reminder: <b>VIEW</b> key Dismiss event reminder: <b>EXIT</b> key
<b>Copy Datebook Event to Another Device</b>	Copy a datebook event to another phone, computer, or device:  > <b>Datebook</b> , highlight the day, press the centre select button, highlight the event, press  > <b>Send</b> > <i>transfer method</i>
<b>Set Alarm</b>	Set an alarm:  > <b>Tools</b> > <b>Alarm Clock</b>












Feature	Description
<b>Turn Off Alarm</b>	Turn off alarm: Press the <b>DISABLE</b> key or  Set 8-minute delay: Press the <b>SNOOZE</b> key.
<b>Calculator</b>	Calculate numbers:  > <b>Tools</b> > <b>Calculator</b>
<b>Currency Converter</b>	Convert currency:  > <b>Tools</b> > <b>Calculator</b>  > <b>Exchange Rate</b> Enter exchange rate, press the <b>OK</b> key, enter amount, press  > <b>Convert Currency</b> .











## Security

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

## News and Entertainment

**Note:** The files that you download or receive as attachments might have a lock that keeps you from saving them on external memory, forwarding them, or editing them.

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

Feature	Description
<b>Change Game or Application Settings</b>	Change the volume, priority, or other settings for Java™ games or applications:  > <b>Settings</b> > <b>Java Settings</b> 
<b>Manage Pictures</b>	Manage pictures and animations:  > <b>Multimedia</b> > <b>Pictures</b> 
<b>Manage Sounds</b>	Manage ring tones, sounds that you have composed or downloaded:  > <b>Multimedia</b> > <b>Sounds</b>
<b>Manage Video Clips</b>	Manage video clips:  > <b>Multimedia</b> > <b>Videos</b>
<b>Photo and Video Camera Settings</b>	Adjust light level and other settings for the integrated camera:  > <b>Multimedia</b> > <b>Camera</b>  > <b>Picture Setup</b> <b>or</b>  > <b>Multimedia</b> > <b>Record Video</b>  > <b>Video Setup</b> <b>Note:</b> The photo and video cameras use the same settings.

## ***Specific Absorption Rate Data***

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### **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.<sup>1</sup> Tests for SAR are conducted in accordance with CENELEC<sup>2</sup> 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: 0.88 W/kg.<sup>3</sup>

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

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- A**  
accessories 13, 32  
accessory connector port 1  
active line indicator 40  
active line, changing 65  
alarm clock 92  
alert  
    creating 86  
    defined 60  
    setting 18, 60, 85  
    turning off 18, 67  
animation  
    downloading 31, 94  
    managing 23  
    screen saver 24, 62  
    viewing 95  
    wallpaper 24, 61  
answering a call 19  
application, locking and  
    unlocking 93  
automatic redial 65
- B**  
backlight 63  
barring calls 79  
battery  
    charging 17  
    extending battery life 15, 63  
    installing 16  
    level indicator 42  
Bluetooth 33, 85, 91, 92  
brightness, setting 62  
browser key 55  
browser. *See* micro-browser
- C**  
calculator 93  
call  
    alert, turning off 18, 67  
    answering 19  
    barring 79  
    barring password, changing 56  
    call waiting 74  
    costs 89  
    dialled calls list 69  
    dialling 19  
    diverting 79  
    emergency number 68  
    ending 19, 29  
    handsfree speaker 56  
    hold 75  
    international access code 69  
    making 19  
    received calls list 69  
    receiving 19  
    ring style 18, 60, 85  
    speakerphone 89  
    timers 88  
    transferring 75  
    unanswered call 71  
**Call Failed, Number Busy** message 65  
call waiting 74  
caller ID 22, 24, 66  
calling line identification. *See* caller ID  
camera  
    settings 95  
    taking a photo 21  
camera key 55  
category  
    phonebook entry 84  
    ring ID 84  
    view 84  
centre select button 42  
character chart 50  
clock  
    setting 60  
codes  
    changing 56  
    default 56, 58  
    forgetting 58  
colour, setting 62  
computer  
    connecting to phone 32  
conference call 79  
customising the menu 86
- D**  
data call 90  
    connecting to external device 32  
date, setting 60  
datebook 92  
dialled calls list 69  
dialling a number 19, 87  
display  
    backlight 63  
    brightness 62  
    colour 62  
    description 38  
    home screen 38  
    language 86  
    personalising 86  
    timeout 63  
distinctive ringer alert 85  
diverting calls 79  
DTMF tones  
    activating 88  
    sending 88
- E**  
earpiece volume 18  
email 82  
emergency number 68  
end key 1  
ending a call 19, 29  
**Enter Unlock Code** message 58  
external device  
    connecting to phone 32
- F**  
fax call 32  
5-way navigation key 1, 42  
fixed dial 87
- G**  
games 94, 95  
GPRS indicator 29, 39
- H**  
handsfree speaker 56  
headset jack 1  
hold a call 75  
home keys, personalising 86  
home screen  
    defined 38
- I**  
IM 81
- J**  
incoming call  
    answering 19  
    diverting 79  
**Incoming Call** message 66  
indicators  
    active line 40  
    battery level 42  
    GPRS 29, 39  
    Java midlet 41  
    location 41  
    message 41  
    messaging presence 41  
    ring style 42  
    roam 40  
    signal strength 39  
    text case 47  
    text entry mode 47  
    transmission 40  
    voicemail message 41, 73  
instant messaging. *See* IM  
international access code 69  
iTAP software 51
- K**  
key  
    browser 55  
    camera 55  
    centre select button 42  
    end 1, 55  
    5-way navigation 1, 42  
    left soft key 1, 39, 86  
    menu 1  
    power 1  
    right soft key 1, 39, 86  
    send 1, 55  
    voice 1, 55  
    volume 55  
    volume control 1, 18  
keypad  
    volume, setting 86
- L**  
language, setting 86  
left soft key  
    functions 1, 39  
    personalising 86  
line, changing 65  
location indicator 41  
lock  
    application 93  
    phone 57  
    SIM card 93  
**Low Battery** message 42
- M**  
making a call 19  
master clear 87  
master reset 87  
memory card 14  
menu  
    entering text 45  
    icons, changing in home screen 86  
    icons, converting to text 86  
    language, setting 86  
    personalising 86  
    rearranging features 86  
    using 43  
    view, changing 86  
menu key 1  
message  
    MMS template 80  
    multimedia message 79  
    quick note 79  
    reading 80  
    text 79, 80  
message indicator 41  
messaging presence indicator 41  
micro-browser  
    animation 31  
    background sessions 31  
    browser setup 31, 94  
    Java applications 94

- picture 31
- ring tone 31
- using 29, 94
- Web sessions 31, 94
- Missed Calls** message 71
- MMS template 80
- multimedia message
  - sending 79
- my telephone number 20, 60, 78
- my tones 86

**N**

- network settings 92
- notepad 71
- number
  - storing your number 60
  - viewing your number 20, 78
- numbers, entering 52

**O**

- 1-touch dial
  - setting preference 85
  - using 73
- optional accessory, defined 13
- optional feature, defined 13

**P**

- passwords. *See* codes
- phone

102 - Index

- active line indicator 40
- active line, changing 65
- alert, turning off 18, 67
- clear stored information 87
- codes 56
- connecting to external
  - device 32
- date, setting 60
- language, setting 86
- locking 57
- network settings 92
- open to answer 19
- reset all options 87
- ring style 18, 60, 85
- security code 56
- time, setting 60
- turning on/off 17
- unlock code 56
- unlocking 18, 57
- phone number
  - active line indicator 40
  - active line, changing 65
  - attaching 2 numbers 72
  - international access code 69
  - redialling 65
  - storing in phonebook 83
  - storing your number 60
  - viewing your number 20, 78
- phone theme 94
- phonebook

- managing 95
- spatialising 86
- spatial audio 86
- Speaker On** message 56
- speaker volume 18
- speakerphone
  - activating 89
  - automatic answer 89
- speed dial 72
- standby time, increasing 63
- symbol chart 53
- symbols, entering 52

**T**

- tap text entry 48
- telephone number
  - storing your number 60
  - viewing your number 20, 78
- text
  - capitalisation, changing 47
  - character chart 50
  - entering 45
  - entry mode, setup 47
  - iTAP software predictive text
    - entry 51
  - numeric mode 52
  - symbol chart 53
  - symbol mode 52
  - tap 48
- text case indicator 47

- attaching 2 numbers 72
- category for entry 84
- category ring ID 84
- category view 84
- copying entries 85
- dialling a number 83
- editing an entry 83
- 1-touch dial 73
- picture ID 22, 24, 66
- primary number, setting 85
- ringer ID 84, 85
- sorting entries 84
- speed dial number 72
- storing an entry 83
- voice dialling 83
- photo
  - downloading 31, 94
  - managing 23
  - picture ID 22, 24, 66
  - screen saver 24
  - sending 21
  - taking 21
  - wallpaper 24
- picture
  - downloading 31, 94
  - managing 23
  - screen saver 24, 62
  - viewing 95
  - wallpaper 24, 61
- picture ID 22, 24, 66

- text entry mode
  - setup 47
- text entry mode indicator 47
- theme 94
- time, setting 60
- timers 88
- transfer a call 75
- transmission indicator 40
- travel charger 17

**U**

- UICC 13
- Universal IC Card 13
- unlock
  - application 93
  - phone 57
- unlock code
  - bypassing 58
  - changing 56
  - default 56, 58
  - entering 18

**V**

- vibrate alert
  - setting 18, 60, 85
  - turning off 18, 67
- video clip
  - downloading 31, 80, 82
  - managing 95
  - recording 26, 27

- PIN code
  - changing 56
  - entering 93
- PIN2 code, changing 56
- power key 1
- predictive text entry 51

**Q**

- quick dial 87

**R**

- received calls list 69
- recent calls 69
- redial
  - automatic redial 65
  - busy number 65
- right soft key
  - functions 1, 39
  - personalising 86
- ring style indicators 42
- ring style, setting 18, 60, 85
- ring tone
  - downloading 31, 94
  - managing 95
- ring tone, creating 86
- ringer ID
  - setting 84
  - turning on/off 85
- ringer volume, setting 18, 85
- roam indicator 40

- voice dial 83, 89
- voice key 55
  - dialling a number 83
  - illustration 1
- voicemail 73
- voicemail message indicator
  - 41, 73
- volume
  - earpiece 18
  - games 95
  - keypad 86
  - ringer 18, 85
  - speaker 18
  - volume key 55
  - volume keys 1, 18

**W**

- wallpaper 24, 61
- Web pages 29, 94
- Web sessions 31, 94
- Welcome 1

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104 - Index

Index - 105