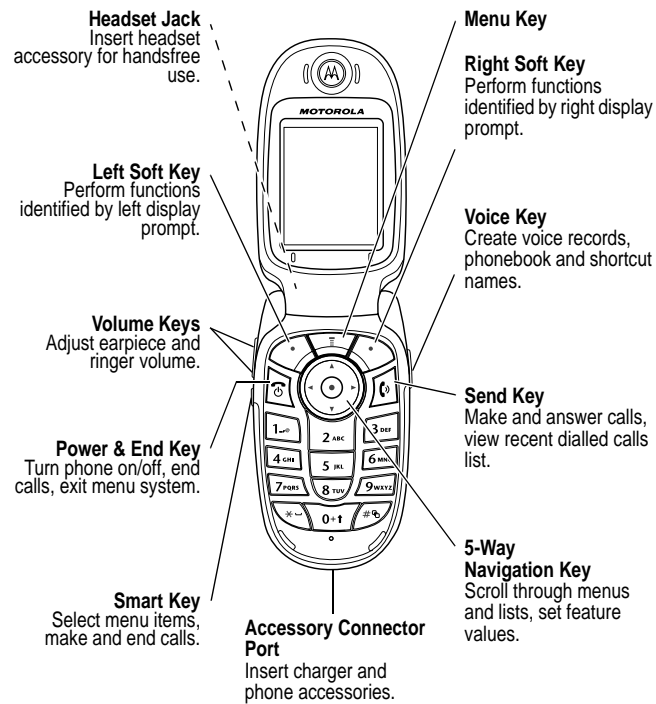
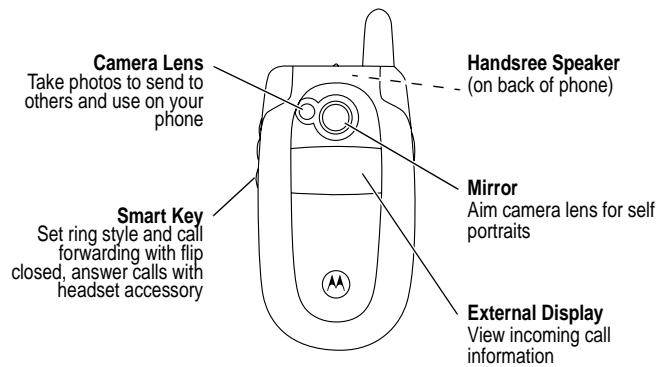


## Welcome









Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V500 GSM wireless phone.



## Check It Out!



Feature	Description
<b>Take Photo</b>	Press <b>CAMERA</b> (<>) to activate the camera, point lens at subject, press <b>CAPTURE</b> (<>) to take a photo.
<b>Send Photo</b>	Send the photo to a phone number or email address: Press <b>STORE</b> (<>) > <b>Send in Message</b>

Feature	Description
<b>Set Photo as Picture Caller ID</b>	Assign a photo to a phonebook entry to enable picture caller ID:  > <b>Multimedia</b> > <b>Pictures</b> > <i>photo</i>  > <b>Apply As</b> > <b>Phonebook Entry</b>
<b>Send Multimedia Message</b>	Send a multimedia message with pictures, animations, and sounds:  > <b>Messages</b> > <b>Create Message</b> > <b>New Multimedia Msg</b> 
<b>Send Letter</b>	Send a multimedia letter:  > <b>Messages</b> > <b>Create Message</b> > <b>New Letter</b> 
<b>Wireless Connection</b>	Set up a Bluetooth™ wireless connection to a headset accessory, car kit, or external device:  > <b>Settings</b> > <b>Connection</b> > <b>Bluetooth Link</b> > <b>Handsfree</b> > <b>{Look For Devices}</b>
<b>Phone Theme</b>	Apply a phone theme:  > <b>Multimedia</b> > <b>Themes</b> > <i>theme</i>



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

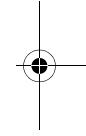
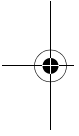
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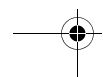
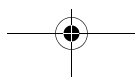
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While Products specifications and features may be subject to change without notice, we are making every possible effort to ensure that user manuals are updated on a regular basis to reflect product functionality revisions. However, in the unlikely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



4 - Check It Out!



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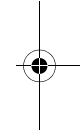
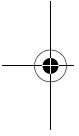
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## ***Safety and General Information***

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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.

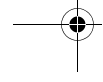
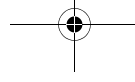
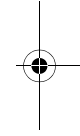
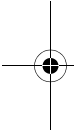
### ***Operational Precautions***

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.





### **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.*

### **Facilities**

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care



facilities that may be using equipment that is sensitive to external RF energy.

### ***Aircraft***

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

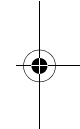
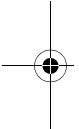
### ***Medical Devices***

#### **Pacemakers**

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

Persons with pacemakers should:

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

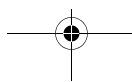


#### **Hearing Aids**

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

#### **Other Medical Devices**

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



### ***Use While Driving***

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

When using your phone while driving, please:

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

### ***Operational Warnings***

#### ***For Vehicles With an Air Bag***

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

#### ***Potentially Explosive Atmospheres***

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

***Note:*** *The areas with potentially explosive atmospheres referred to above include fuelling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Areas with potentially explosive atmospheres are often but not always posted.*





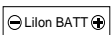
### ***Blasting Caps and Areas***

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

### ***Batteries***

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

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

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

### ***Seizures/Blackouts***

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

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

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

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

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

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

### ***Repetitive Motion Injuries***

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

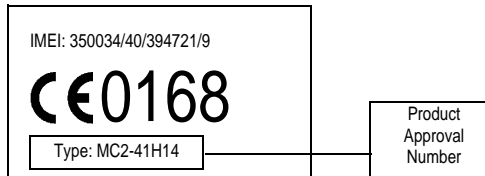
- Take a minimum 15-minute break every hour of game playing.
- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.
- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

### **European Union Directives Conformance Statement**



Hereby, Motorola declares that this product is in compliance with

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



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***

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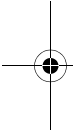
### ***About This Guide***

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

### ***Optional Features***



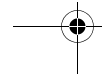
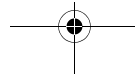
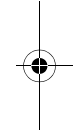
This label identifies an optional network, SIM card, or subscription-dependent feature that may not be offered by all service providers in all geographical areas. Contact your service provider for more information.



### ***Optional Accessories***



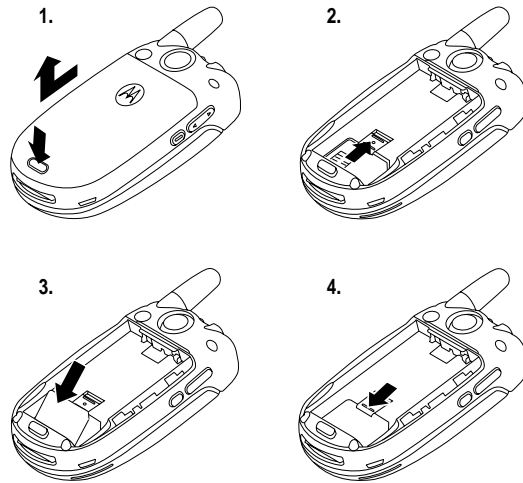
This label identifies a feature that requires an optional Motorola Original™ accessory.



### ***Installing the SIM Card***

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

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

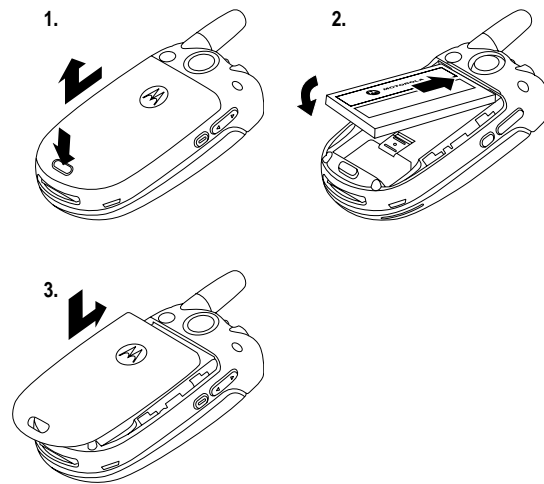




### ***Installing the Battery***



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



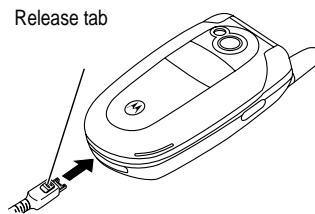
### ***Charging the Battery***

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

**Tip:** You can safely leave the travel charger connected to the phone for an extended period of time after charging is complete. This will **not** damage the battery.

**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 the phone's accessory connector port; 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 long periods of time may require a longer charge time.
- Maintain the battery at or near room temperature when charging.
- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.
- Over extended periods of time, batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to purchase a new battery.




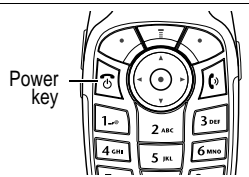
The rechargeable batteries that power this product must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling centre for proper disposal methods.

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

## ***Turning Your Phone On***

### **Action**

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



### Action

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

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

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

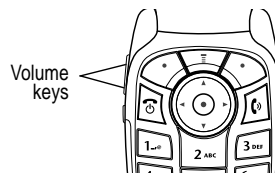
## Adjusting Volume

Press the up and down volume keys to:



- increase and decrease earpiece volume during a call
- increase and decrease the ringer volume setting when the home screen is visible (flip must be open)

**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




## Making a Call

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




**Tip:** You can also close the phone flip to end the call.

## Answering a Call



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


When the phone flip is active, open the phone to answer the call. (To activate, press  > **Settings** > **In-Call Setup** > **Answer Options** > **Open to Answer**).

If the phone flip is **not** active:

	Press	To
1	 or <b>ANSWER</b> (  )	answer the call
2		end the call and "hang up" the phone when you are finished

## Viewing Your Phone Number

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

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

**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 51. 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 chapter describes some of your phone's highlight features.

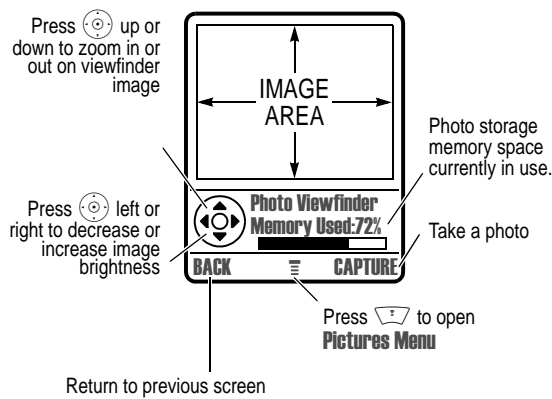
### Taking and Sending a Photo

**Shortcut:** From the home screen, press **CAMERA** (<>) to activate the camera.

To activate your phone's camera:

**Find the Feature**       > **Multimedia** > **Camera**

The active viewfinder image appears on your display.



Point the camera lens at the photo subject, then:

<b>Press</b>	<b>To</b>
<b>1 CAPTURE</b> (◁)	take a photo
<b>2 STORE</b> (▷)	view storage options
<b>or</b>	
<b>DISCARD</b> (◁)	delete the photo and return to active viewfinder mode
	If you choose to store the photo, continue to step 3.
<b>3</b> (⊙)	scroll to <b>Store Only</b> , <b>Apply as Wallpaper</b> , <b>Apply as Screen Saver</b> , <b>Apply as Phonebook Entry</b> , or <b>Send in Message</b>
<b>4 SELECT</b> (▷)	perform the storage option of your choice

**Tip:** To take a self portrait: activate the camera, rotate the phone, use the mirror to aim the camera lens, then press the smart key to take a photo.

You may also use the Auto Timed Capture feature to take a self portrait.

Press **CAMERA** > (☰) > select **Auto-Timed Capture** > Press **START**, close the flip use the mirror to aim the camera lens. You will hear the timer count down and your photo will be taken when the timer stops.

When the camera is active, the **Pictures Menu** can include the following options:

Option	Description
<b>Go To Pictures</b>	View pictures and photos stored on your phone.
<b>Auto-Timed Capture</b>	Set a timer for the camera to take a photo.
<b>Delete All</b>	Delete all pictures.
<b>Pictures Setup</b>	Open the setup menu to adjust picture settings.
<b>View Free Space</b>	See how much memory space remains for storing pictures.




### ***Sending a Multimedia Message***

















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

#### **Find the Feature**

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

Press	To
1 keypad keys	enter slide text
2 	open the <b>MMS Menu</b>
3 	scroll to <b>Insert</b>
4 <b>SELECT</b> (  )	display a list of items you can insert




<b>Press</b>	<b>To</b>
5 	scroll to <b>Picture, Voice Record, or Sound</b>
6 <b>SELECT</b> (  )	select the file type
7 	highlight the file you want
8 <b>INSERT</b> (  )	insert the file
9 	open the <b>MMS Menu</b>
10 	scroll to <b>Insert</b>
11 <b>SELECT</b> (  )	display a list of items you can insert
12 	scroll to <b>New Page</b>
13 <b>SELECT</b> (  )	insert a new slide after the current slide  Repeat steps 1 to 8 to enter contents for the new slide
14 <b>OK</b> (  )	store the message
15 <b>CHANGE</b> (  )	select <b>To</b>
16 keypad keys	enter 1 or more phone numbers and/or email addresses
<b>or</b>	
<b>BROWSE</b> (  )	select numbers/addresses from the phonebook or recent calls lists
17 <b>OK</b> (  )	store the numbers/addresses
18 <b>CHANGE</b> (  )	select the <b>Subject</b>
19 keypad keys	enter the subject



Press	To
<b>20 OK</b> (↵)	store the subject
<b>21 DONE</b> (↵)	finish the message and send it immediately

### *Receiving a Multimedia Message*



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

Press	To
<b>READ</b> (↵)	open the message

Multimedia messages that you receive can contain different media objects:

- Inserted photos, pictures, and animations are displayed as you read the message.
- An inserted sound file begins playing when you scroll to and highlight the sound file indicator in the message. Use the volume keys to adjust the volume as the sound file plays.
- Attached files are appended to the message. To open the attachment, highlight the file indicator/filename and press **VIEW** (↵) (image file type), **PLAY** (↵) (sound file), or **OPEN** (↵) (vObject or unknown file type).

### *Using Bluetooth Wireless Connections*

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




To connect your phone to a headset accessory or handsfree device:

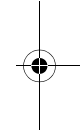
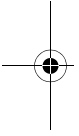
**Find the Feature**

 > **Settings** > **Connection**  
> **Bluetooth Link** > **Handsfree**  
> **[Look For Devices]**

Your phone presents a list of 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 **SELECT** (◁).

The device may request permission to bond with your phone. Select **YES** (◁) and enter the correct PIN code to create a secure connection with the device. When the connection is made, the  (Bluetooth) indicator appears at the top of the display.

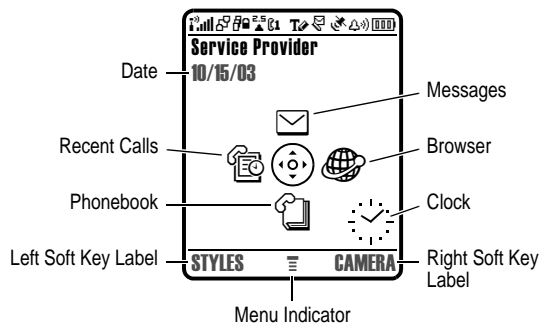



## Learning to Use Your Phone

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 1 of the menu feature icons in the home screen. If you select a menu icon by mistake, press  to return to the home screen.

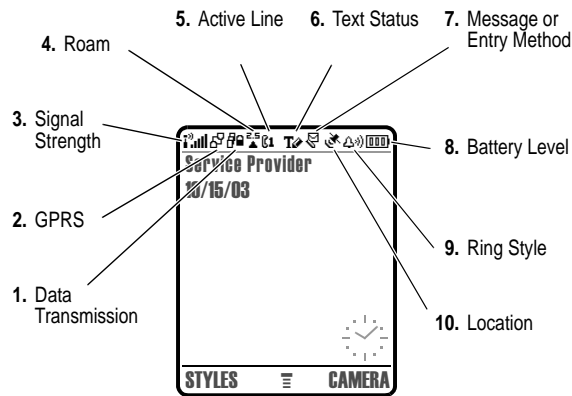
**Note:** Your service provider may customise the home screen so that it looks different than the display shown above. For example, your service provider may hide the home screen menu icons to allow a better view of the wallpaper image. You can still select the menu icons when they are hidden from view. To show or hide the menu icons, see page 78.

The  (menu) indicator in the bottom centre of the display indicates you can press the menu key () to enter the main menu.

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

Your phone can display an analog or digital clock in the home screen. See page 78.

The following status indicators can appear:



**1. 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 <i>Circuit Switch Data</i> (CSD) call | = unsecure CSD call               |



**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. Other indicators can include:

= GPRS PDP context active

= GPRS packet data available

**3. 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.



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

= 2G home

= 2G roam



**5. Active Line Indicator** Shows or to indicate the current active phone line. Other indicators can include:

= line 1 active, call forward on

= line 2 active, call forward on

= alarm activated







**6. Text or IM Status Indicator** Shows text entry method or case when you are in a text entry screen:

= symbol method

= numeric method


= text method


= Tap method







 = iTAP method       = no capital letters  
 = capitalise next letter only       = all capital letters

When instant messaging is active:

 = 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 or Text Entry Method Indicator** Displays when you receive a new message. Indicators can include:

 = text message       = voicemail message  
 = voicemail and text message       = answering machine  
 = IM message       = active chat session

When you enter a multimedia message, a number in this location indicates the size of the message.






In a text entry screen, an indicator shows the text entry method—**Primary** or **Secondary**:

Primary	Secondary	
1	2	Tap, no capital letters
1↑	2↑	Tap, capitalise next letter only

		Tap, all capital letters
		iTAP, no capital letters
		iTAP, capitalise next letter only
		iTAP, all capital letters

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

**9. Ring Style Indicator** Shows the ring style setting.



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

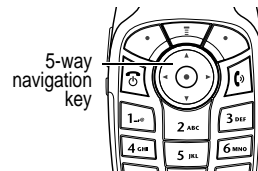


**10. Location Indicator** Your phone may be able to send location information to the network during an emergency call. Indicators show when your phone is sending location information:

-  = location on
-  = location off


### Using the 5-Way Navigation Key

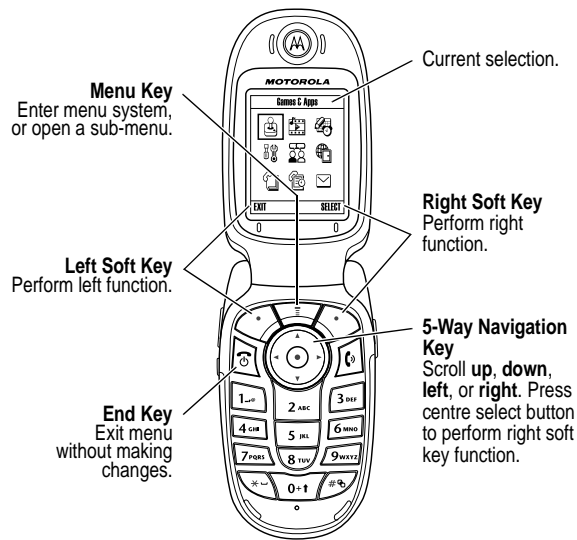
Use the 5-way navigation key () to scroll up, down, left, or right through the menu system, highlight menu items, change feature settings, and play games. Press the *centre select* button to select a highlighted menu item. The centre select button usually performs the same function as the right soft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
















## Using Menus

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



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




Menu Icon	Feature	Menu Icon	Feature
	Games & Apps		Multimedia
	Tools		Settings

Menu Icon	Feature	Menu Icon	Feature
	IM		Web Access
	Phonebook		Recent Calls
	Messages		Chat

### Selecting a Menu Feature

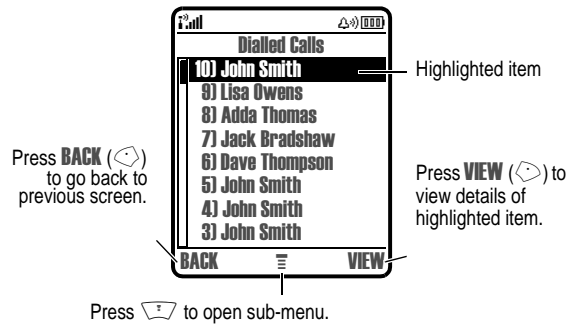
This guide shows you how to select a menu feature as follows, starting from the home screen:



#### Find the Feature > Recent Calls > Dialed Calls

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

### Selecting a Feature Option

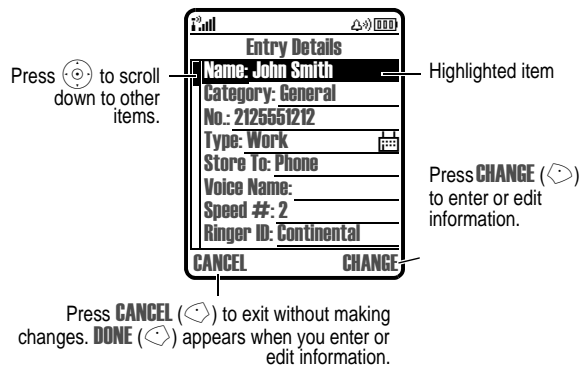
Some features require you to select an item from a list:



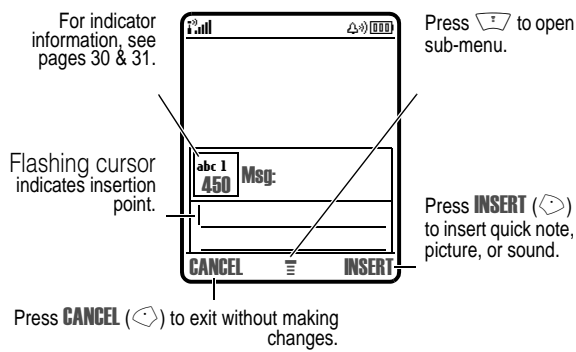
- Press  to scroll up or down to highlight the item you want.
- In a numbered list, press a number key to highlight the item.
- In an alphabetised list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list item.
- When an item has a list of possible values, press  to the left or right to scroll through and select a value.
- When an item has a list of possible numeric values, press a number key to set the value.

### Entering Text

Some features require you to enter information:



The message centre lets you compose and send text messages. A *flashing cursor* shows where text will appear:



### ***Choosing a Text Entry Method***


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

Press in any text entry screen to change to one of the following entry methods:

- Primary**            The primary text entry method (see below to set)
- Numeric (123)**    Enter numbers only (see page 44).
- Symbol (@)**        Enter symbols only (see page 42).
- Secondary**         The secondary text entry method (see below to set)


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

### Using Capitalisation

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

- abc** = no capital letters
- Abc** = capitalise next letter only
- ABC** = all capital letters

### Setting Up a Text Entry Method

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




- None** Hide the **Secondary** setting (only available for **Secondary Setup**).
- ITAP** Let the phone predict each word as you press keys (see page 40).
- Tap** Enter letters and numbers by pressing a key one or more times (see page 37).
- Tap Extended** Enter letters, numbers, and symbols by pressing a key one or more times (see page 37).


### Using Tap Method

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

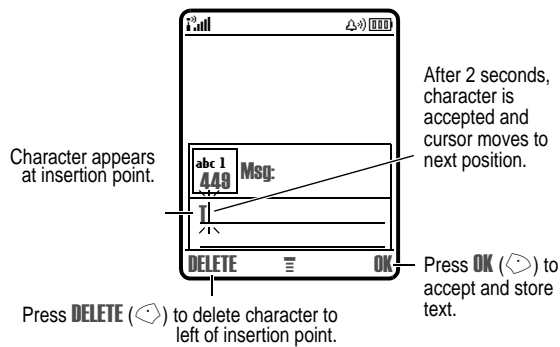
Regular **Tap** method cycles through the letters and number of the key you press. **Tap Extended** method also cycles through additional symbols as shown in the "Character Chart" on page 39.

Press	To
1 A keypad key one or more times	select a letter, number, or symbol

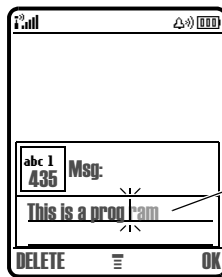
<b>Press</b>	<b>To</b>
<b>2</b> Keypad keys	enter remaining characters <b>Tip:</b> Press  to the right to accept a word completion, or  to insert a space.
<b>3</b> <b>OK</b> (  )	store the text

In a text entry screen, you can press  to switch entry methods. An indicator shows which method is active (see page 31). If **Tap** or **Tap Extended** is not available as the **Primary** or **Secondary** entry method, see page 37.

When you enter text with the **Tap** or **Tap Extended** method, 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:







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


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

### Character Chart




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

	. 1 ? ! , @ _ & ~ : ; " - ( ) ' ¿ ¡ % £ \$ ¥ ¤ € × * / \ [ ] = > < # §
	a b c 2 ä å á à â ã α β ç
	d e f 3 δ ë é è ê ø
	g h i 4 ï í î γ
	j k l 5 λ
	m n o 6 ñ ö ø ó ò ô õ ω
	p q r s 7 π β σ
	t u v 8 θ ü ú û û

	w x y z 9 ξ ψ
	change text case, for capital letters
	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,  first shows the common characters for that editor.

### Tap Method Text Entry Rules

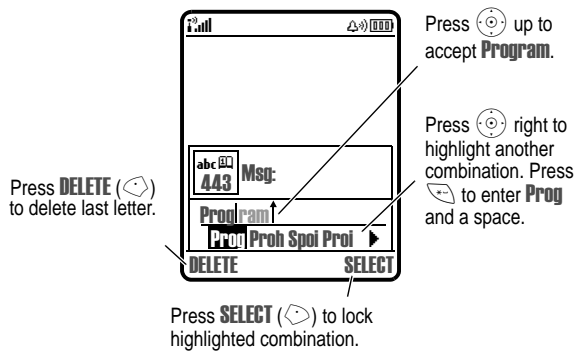
- Press a keypad key repeatedly to cycle through its characters.
- After 2 seconds, the character is accepted, and the cursor moves to the next position.
- Press  left or right to move the flashing cursor to the left or right in a text message.
- The first character of every sentence is capitalised. If necessary, press  down to force the character to lowercase before the cursor moves to the next position.
- If you enter or edit information and do not want to save the changes, press  to exit without saving.

### Using iTAP™ Method

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



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



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 **SW** to switch entry methods. An indicator tells you which method is active (see page 31). If **ITAP** method is not available as the **Primary** or **Secondary** entry method, see page 37.

Press	To
1 Keypad keys (one press per letter)	show possible letter combinations at the bottom of the display
2 <b>LEFT</b> or <b>RIGHT</b>	highlight the combination you want

**Press**  
**3 SELECT** (⏏)

**To**  
lock a highlighted combination  
You can press keypad keys to  
add more letters to the end of  
the combination.

**or**




enter the highlighted  
combination when it spells a  
word

A space is automatically  
inserted after the word.


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

### ***Using Symbol Method***

In a text entry screen, press  to switch entry methods until you see the @ (symbol) indicator in the status bar.

**Press**  
**1** Keypad keys (one  
press per symbol)

**To**  
show possible symbol  
combinations at the bottom of  
the display


**2**  left or right

highlight the combination you  
want

**Press** **3 SELECT** (◁) **To** lock a highlighted combination













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


**or**

 enter the highlighted combination


### Symbol Chart


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

	. ? ! , @ _ & ~ : ; " - ( ) ' ` ¡ ¡ % £ \$ ¥ ¤ €
	@ _ \
	/ : ;
	" & '
	( ) [ ] { }
	¿ ¡ ~
	< > =
	\$ £ ¥ ¤ €
	# % *
	+ - 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,  first shows the common characters for that editor.



### Using Numeric Method

In a text entry screen, press  to switch entry methods until you see the **123** (numeric) indicator in the status bar.


Press keypad keys to enter the numbers you want. When you finish entering numbers, press  to switch to another entry method.

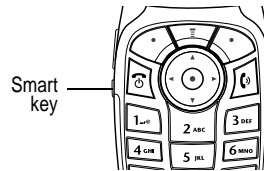
### Deleting Letters and Words

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

Action
Press <b>DELETE</b> (  ) to delete 1 letter at a time
Hold <b>DELETE</b> (  ) to delete the entire message

### Using the Smart Key

The smart key gives you another way to perform many basic phone functions. It anticipates the next action you are likely to perform. For example, when you highlight a menu item, you can press the smart key to select it. You can use the smart key to make and end calls, turn features on and off, and open your phonebook. The smart key usually performs the same function as the right soft key ().



**Tip:** To take a self portrait: activate the camera, close the flip, use the mirror to aim the camera lens, then press the smart key to take a photo.

### ***Using the External Display***

When the flip is closed, the external display shows time, date, and phone status information. It also displays messages to notify you of incoming calls and other events. You can perform the following functions in the external display.

### ***Setting Phone Ring Style***

<b>Press</b>	<b>To</b>
1 volume keys	scroll to <b>Style</b>
2 smart key	select a ring style
3 volume keys	return to the home screen

### ***Adjusting Voice Call Diverting***



**Tip:** You must store a diverting number to use this feature. See page 30.

<b>Press</b>	<b>To</b>
1 volume keys	scroll to <b>Divert</b>
2 smart key	select <b>All Calls</b> or <b>Off</b>
3 volume keys	return to the home screen

### ***Return an Unanswered Call***

Your phone keeps a record of your unanswered calls and displays **X Missed Calls** in the external display.

<b>Press</b>	<b>To</b>
<b>1</b> smart key	see the received calls list
<b>2</b> volume keys	select a call to return
<b>3</b> smart key	make the call

**Note:** *Because the microphone and earpiece are unavailable when the phone is closed, you must use a headset or other handsfree device with this feature.*

### ***Using the Handsfree Speaker***

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

Press **SPEAKER** (⏮) to turn the handsfree speaker on or off during a call. A loud alert confirms activation/deactivation.

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

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

### ***Changing a Code, PIN, or Password***

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

If your service provider has **not** reset these numbers, we recommend that you change them to prevent other users from

accessing your personal information. The unlock code must contain 4 digits, and the security code must contain 6 digits.

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

To change a code or password:

**Find the Feature**       > **Settings > Security**  
> **New Passwords**

### ***Locking and Unlocking Your Phone***


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

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

You can make emergency calls on your phone even when it is locked. See page 58.

### ***Locking Your Phone Manually***

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

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

### ***Unlocking Your Phone***

**Tip:** Your phone's unlock code is originally set to 1234 at the factory. Many service providers reset the unlock code to the last 4 digits of your phone number.





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

### ***Using the Phonebook***

This section gives a brief description of basic phonebook operations. For more information about using the phonebook, see page 153.

### ***Storing a Phone Number***

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

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

### ***Recording a Voice Name***

When creating a phonebook entry, scroll to **Voice Name** and press **RECORD** (⏏). Press and release the voice key and say the entry's name (in 2 seconds). When prompted, press and release the voice key and repeat the name. Press **DONE** (⏏) to store the voice name.

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

### ***Dialling a Number***

Press **☎** > **Phonebook** > entry to call.

### ***Voice Dialling a Number***

Press and release the voice key, and say the entry's name (in 2 seconds).



### ***Sorting Phonebook Entries***

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

When sorting by name, you can view **All** numbers or just the **Primary** number for each name. To set the primary number for a name, see page 60.

### ***Viewing Entries By Category***

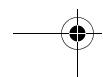
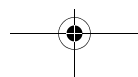
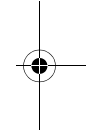
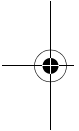
Press > **Phonebook**, press > **Categories**, then select whether you want to view **All** entries, entries in a predefined category (**Business**, **Personal**, **General**, **VIPs**), or entries in a category you created.

To set the category for a phonebook entry, see page 49.

### ***Setting Picture Caller ID View***

Press > **Phonebook**, press > **Setup** > **View by** > **Picture**.

To assign a photo to a phonebook entry, see pages 22 and 152.



## ***Setting Up Your Phone***

---



### ***Storing Your Name and Phone Number***



To store or edit user 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 edit your name and phone number.

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

### ***Setting the Time and Date***

You must set the time and date to use 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 5 different ring styles. The ring style indicator in the display shows the current ring style (see pages 29 and 32).

To set a ring style:

#### **Find the Feature**

 > **Settings > Alert Styles  
> Style**

	Press	To
1		scroll to the ring style
2	<b>SELECT</b> (  )	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  > **More** > **Ring Styles** > *Style Detail*.





### Setting Answer Options

You can use additional, alternative methods to answer an incoming call:

<b>Multi-Key</b>	answer by pressing any key
<b>Open to Answer</b>	answer by opening the flip

To activate or deactivate an answer option:










**Find the Feature**  > **Settings** > **In-Call Setup** > **Answer Options**

	Press	To
1		scroll to <b>Multi-Key</b> or <b>Open to Answer</b>
2	<b>CHANGE</b> (  )	select the option
3		scroll to <b>On</b> or <b>Off</b>
4	<b>SELECT</b> (  )	confirm the setting

### Setting a Wallpaper Image

You can set a photo, picture, or animation as a wallpaper (background) image in your phone's home screen.

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

Press	To
1 	scroll to <b>Picture</b>
2 <b>CHANGE</b> (  )	open the picture viewer
3  up or down	scroll to a picture/animation Scroll to <b>(None)</b> to turn off the wallpaper image.
4 <b>SELECT</b> (  )	select the image
5 	scroll to <b>Layout</b>
6 <b>CHANGE</b> (  )	adjust the image layout
7 	scroll to <b>Centre, Tile, or Fit-to-screen</b> <b>Centre</b> places the image in the centre of the display. <b>Tile</b> fills the display with adjacent copies of the image <b>Fit-to-screen</b> resizes the image, if necessary, to fit the display
8 <b>SELECT</b> (  )	confirm the layout setting
9 <b>BACK</b> (  )	save wallpaper settings

### Setting a Screen Saver Image










You can set a photo, picture or animation as a screen saver image.

The screen saver image is displayed when the flip is open and no activity is detected for a period of time. The image is shrunk to fill the display, if necessary. An animation repeats for 1 minute, then the first frame of the animation is displayed.

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

#### Find the Feature

 > **Settings > Personalise > Screen Saver**

	<b>Press</b>	<b>To</b>
1		scroll to <b>Picture</b>
2	<b>CHANGE</b> (  )	open the picture viewer
3	 up or down	scroll to a picture/animation Scroll to <b>(None)</b> to turn off the screen saver image.
4	<b>SELECT</b> (  )	select the image
5		scroll to <b>Delay</b>
6	<b>CHANGE</b> (  )	set the delay interval
7		scroll to the inactivity interval that triggers the screen saver
8	<b>SELECT</b> (  )	confirm the delay setting
9	<b>BACK</b> (  )	save screen saver settings

### ***Setting Display Contrast***

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

### ***Setting Display Colour***

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

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

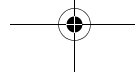
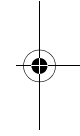
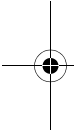


## ***Adjusting the Backlight***

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

### **Find the Feature**

 > **Settings** > **Initial Setup**  
> **Backlight**



## Calling Features

For basic instructions on how to make and answer calls, see page 21.

### 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 current active phone line. See page 29.

### Redialling a Number

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

### Using Automatic Redial



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

With automatic redial, your phone automatically redials the number. When the call goes through, your phone






**Find the Feature**

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

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

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

---

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***Turning Off a Call Alert***

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

<b>Press</b>	<b>To</b>
either volume key	turn off the alert


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***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.


**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.*

<b>Press</b>	<b>To</b>
<b>1</b> keypad keys	dial the emergency number
<b>2</b> 	call the emergency number

---


---

## Dialling International Numbers

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




## Viewing Recent Calls

Your phone keeps lists of the calls you recently received and dialled, even if the calls did not connect. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new ones are added.


**Shortcut:** Press  to go directly to the dialled calls list from the home screen.


### Find the Feature

 > **Recent Calls**

Press	To
1 	scroll to <b>Received Calls</b> or <b>Dialled Calls</b>
2 <b>SELECT</b> (  )	select the list
3 	scroll to an entry

**Note:** ✓ means the call connected.


4 	call the entry's number
---	-------------------------

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


or

<b>VIEW</b> (  )	view entry details
---	--------------------

or


	open the <b>Last Calls Menu</b> to perform other procedures
---	---

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.
<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 call lists.
<b>Send Tones</b>	Send the number to the network as DTMF tones. <i>Note: This option appears only during a call.</i>
<b>Talk then Fax</b>	Talk and then send a fax in the same call. 

### **Returning an Unanswered Call**

Your phone keeps a record of your unanswered calls, and displays:

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




Press	To
<b>1 VIEW</b> (<>)	see the received calls list

	Press	To
2		select a call to return
3		make the call

### Using the Notepad


Your phone stores the most recent string of digits entered on the keypad in a temporary memory location called the *notepad*. 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> (  )	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 call lists

### Calling With Speed Dial

Each entry you store in your phonebook is assigned a unique *speed dial* number that identifies the location where the entry is stored in phone memory or on the SIM card.

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

To speed dial a phonebook entry:

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

### Calling With 1-Touch Dial

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

**Tip:** You must specify which phone number list you want to use with this feature: phone memory phonebook, or SIM card phonebook.

### Using Voicemail



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


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


## ***Listening to Voicemail Messages***

**Find the Feature**       > **Messages** > **VoiceMail**

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

## ***Receiving a Voicemail Message***

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


<b>Press</b>	<b>To</b>
<b>CALL</b> (  )	listen to the message

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

## ***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**

<b>Press</b>	<b>To</b>
<b>1</b> keypad keys	enter your voicemail number
<b>2</b> <b>OK</b> (  )	store the number

## Using Call Waiting



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

Press	To
1	answer the new call
2 <b>SWITCH</b> ()	switch between calls
or	
<b>LINK</b> ()	connect the 2 calls
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> () (if available) or > <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**

<b>Press</b>	<b>To</b>
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>
5 <b>SELECT</b> (  )	select <b>Transfer</b>
6 <b>OK</b> (  )	confirm the transfer.

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

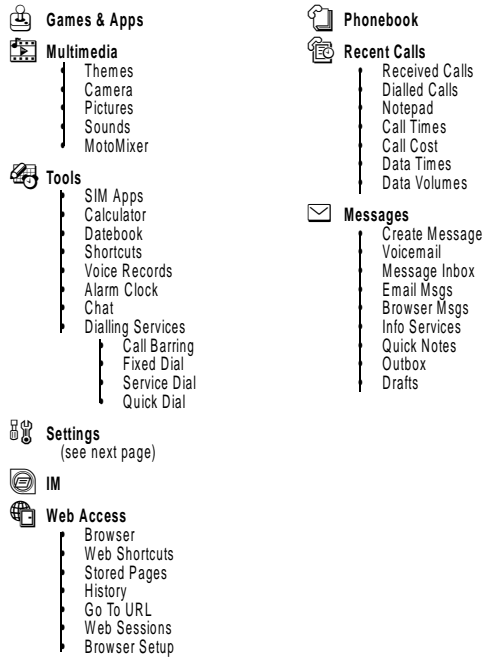
**Find the Feature**       > **Transfer**

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


## Phone Features

### Main Menu

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





## Settings Menu


-  **Personalise**
  - Home Screen
  - Main Menu
  - Colour Style
  - Greeting
  - Wallpaper
  - Screen Saver
  - Quick Dial


-  **Ring Styles**
  - Style
  - Style Detail
  - My Tones

-  **Connection**
  - Bluetooth Link
  - Sync


-  **Call Divert**
  - Voice Calls
  - Fax Calls
  - Data Calls
  - Cancel All
  - Divert Status

-  **In-Call Setup**
  - In-Call Timer
  - Call Cost Setup
  - My Caller ID
  - Talk and Fax
  - Answer Options
  - Call Waiting


-  **Initial Setup**
  - Time and Date
  - 1-Touch Dial
  - Backlight
  - Scroll
  - Language
  - Battery Save
  - Contrast
  - DTMF
  - Master Reset
  - Master Clear

-  **Phone Status**
  - My Tel. Numbers
  - Credit Info/Available
  - Active Line
  - Battery Meter
  - Other Information

-  **Headset**

-  **Car Settings**

-  **Network**

-  **Security**
  - Phone Lock
  - Lock Application
  - Fixed Dial
  - Call Barring
  - SIM Pin
  - New Passwords


-  **Java Tools**
  - Java App Loader
  - Java System
  - Java Debug
  - Start TCK
  - Remove All Midlets

### Shortcuts

**Change ringer alert:**  
Open flip, press down volume key to decrease volume, then switch to vibrate alert, then silent alert. Press up volume key to reset ring alert and increase volume.

**Display my phone number:**  
Press  






**Go to dialled calls list:**  
Press 

**Exit menu system:**  
Press 




## Feature Quick Reference





Use this chapter to locate features on your phone that are not described in this guide. For more detailed information, see the *Reference Guide*.

### Calling Features










Feature	Description
<b>Conference Call</b>	During a call:  > <b>Hold</b> , dial next number, press  , press <b>LINK</b> (  )
<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 Short Text Message</b>	Send a short text message:  > <b>Messages</b> > <b>Create Message</b> > <b>New Short Message</b>
<b>Send Multimedia Message</b>	Send a multimedia message:  > <b>Messages</b> > <b>Create Message</b> > <b>New Multimedia Msg</b>
<b>Send Letter</b>	Send a multimedia letter:  > <b>Messages</b> > <b>Create Message</b> > <b>New Letter</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>Store Message Objects</b>	Go to a multimedia message slide, or highlight an object in a letter, then:  > <b>Store</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 sign on: 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 <b>SEND IM</b> (  ) 
<b>Open Active Conversation</b>	Open a conversation in progress: From your <b>Contact List</b> , highlight a name in <b>Conversations</b> , press <b>VIEW</b> (  ) 
<b>End Conversation</b>	From the conversation display:  > <b>End Conversation</b> 

Feature	Description
<b>Log Out</b>	Log out of instant messaging: Select <b>Log Out</b> from the <b>IM Online</b> menu



### Chat

Feature	Description
<b>Start Chat</b>	Start a new chat session: ☰ > <b>Tools</b> > <b>Chat</b> ☰ > <b>New Chat</b>
<b>Receive Chat Request</b>	When you receive a chat request: Press <b>ACCEPT</b> (◁) or <b>IGNORE</b> (▷)
<b>End Chat</b>	During a chat session: ☰ > <b>End Chat</b>



### Email

Feature	Description
<b>Send Email Message</b>	Send an email message: ☰ > <b>Messages</b> > <b>Create Message</b> > <b>New Email</b>
<b>Receive Email Message</b>	Read a new email message that you have received: Press <b>READ</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 Number</b>	Call a number stored in the phonebook: ☐ > <b>Phonebook</b> > <i>entry to call</i>
<b>Voice Dial Number</b>	Voice dial a number stored in the phonebook: Press and release the voice key, and say the entry's name (in 2 seconds)
<b>Set Ringer ID for Entry</b>	Assign a distinctive ringer alert to a phonebook entry: ☐ > <b>Phonebook</b> > <i>entry</i> ☐ > <b>Edit</b> > <b>Ringer ID</b> > <i>ringer name</i>  <i>Note: This 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: ☐ > <b>Phonebook</b> > <i>entry</i> ☐ > <b>Edit</b> > <b>Category</b> > <i>category name</i>  <i>Note: This option is not available for entries stored on the SIM card.</i>
<b>Group Mailing List</b>	Create a group mailing list as a phonebook entry: ☐ > <b>Phonebook</b> ☐ > <b>New</b> > <b>Mailing List</b>
<b>Set Picture Caller ID View</b>	View phonebook entries as text list, or with picture caller ID photos: ☐ > <b>Phonebook</b> ☐ > <b>Setup</b> > <b>View by</b> > <i>list view</i>



Feature	Description
<b>Sort Phonebook List</b>	Set the order in which phonebook entries are listed: ☰ > <b>Phonebook</b> ☰ > <b>Setup</b> > <b>Sort by</b> > <i>sort order</i>
<b>Set Primary Number</b>	Set the primary number for a phonebook entry with multiple numbers: ☰ > <b>Phonebook</b> , scroll to the entry, press ☰ > <b>Set Primary</b> > <i>phone number</i>
<b>Set Category View</b>	Set phonebook category view: ☰ > <b>Phonebook</b> ☰ > <b>Categories</b> > <i>category view</i>
<b>Set Category Light ID</b>	Set a distinctive light pattern to be displayed when you receive calls from phonebook entries in a specific category: ☰ > <b>Phonebook</b> ☰ > <b>Categories</b> , scroll to the entry, press ☰ > <b>Edit</b> > <b>Light ID</b>  <i>Note: This option is not available for entries stored on the SIM card.</i>
<b>1-Touch Dial</b>	Set 1-touch dial to call entries stored in your phone memory phonebook or the SIM card phonebook: ☰ > <b>Settings</b> > <b>Initial Setup</b> > <b>1-Touch Dial</b>

### Personalising Features




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






Feature	Description
<b>Ringer IDs</b>	Activate distinctive ringer alerts assigned to phonebook entries: ☰ > <b>Settings</b> > <b>Ring Styles</b> > <i>Style Detail</i> > <b>Ringer IDs</b>
<b>Ring Volume</b>	Set ringer volume: ☰ > <b>Settings</b> > <b>Ring Styles</b> > <i>Style Detail</i> > <b>Ring Volume</b>
<b>Keypad Volume</b>	Set keypad keypress volume: ☰ > <b>Settings</b> > <b>Ring Styles</b> > <i>Style Detail</i> > <b>Key Volume</b>
<b>Clock View</b>	Display an analogue clock or digital time readout in the home screen: ☰ > <b>Settings</b> > <b>Personalise</b> > <i>Home Screen</i> > <b>Clock</b>
<b>Menu View</b>	Display the main menu as graphic icons or as a text-based list: ☰ > <b>Settings</b> > <b>Personalise</b> > <i>Main Menu</i> > <b>View</b>
<b>Main Menu</b>	Reorder your phone's main menu: ☰ > <b>Settings</b> > <b>Personalise</b> > <i>Main Menu</i> > <b>Reorder</b>
<b>Show or Hide Menu Icons</b>	Show or hide menu feature icons in the home screen: ☰ > <b>Settings</b> > <b>Personalise</b> > <i>Home Screen</i> > <b>Home Keys</b> > <b>Icons</b>
<b>Change Soft Keys &amp; Menu Icons</b>	Change soft key labels and menu feature icons in the home screen: ☰ > <b>Settings</b> > <b>Personalise</b> > <i>Home Keys</i>







Feature	Description
<b>Shortcuts</b>	<p>Create a shortcut to a menu item:                      Highlight the menu item, then press and hold </p> <p>Select a shortcut:   &gt; <b>Shortcuts</b> &gt; <i>shortcut name</i></p>

### Menu Features


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

### Dialling Features



Feature	Description
<b>Fixed Dial</b>	<p>Turn fixed dialling on or off:   &gt; <b>Settings</b> &gt; <b>Security</b> &gt; <b>Fixed Dial</b> </p> <p>Use the fixed dial list:   &gt; <b>Tools</b> &gt; <b>Dialling Services</b> &gt; <b>Fixed Dial</b></p>





Feature	Description
<b>Service Dial</b>	Dial service phone numbers:  > <b>Tools</b> > <b>Dialling Services</b> > <b>Service Dial</b> 
<b>Quick Dial</b>	Dial pre-programmed phone numbers:  > <b>Tools</b> > <b>Dialling Services</b> > <b>Quick Dial</b> 
<b>DTMF Tones</b>	Activate DTMF tones:  > <b>Settings</b> > <b>Initial Setup</b> > <b>DTMF</b>  Send DTMF tones during a call: Press number keys  Send stored numbers as DTMF tones during a call: Highlight a number in the phonebook or recent call 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, please contact your service provider directly.**

Feature	Description
<b>Call Times</b>	View call timers:  > <b>Recent Calls</b> > <b>Call Times</b> 

Feature	Description
<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> 
<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>Speakerphone</b>	Activate a connected external speakerphone during a call: Press <b>SPEAKER</b> (  ) (if available) or  > <b>Spkrphone On</b>  Optional Accessory
<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>  Optional Accessory
<b>Ringer Options</b> (headset)	Set phone or headset to sound the call alert:  > <b>Settings</b> > <b>Headset</b> > <b>Ringer Options</b>  Optional Accessory
<b>Voice Dial</b> (headset)	Enable voice dial with headset send/end key:  > <b>Settings</b> > <b>Headset</b> > <b>Voice Dial</b>  Optional Accessory

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



### Data and Fax Calls

Feature	Description
<b>Send Data or Fax</b>	Connect your phone to the device, then place the call through the device application
<b>Receive Data or Fax</b>	Connect your phone to the device, then answer the call through the device application
<b>Talk Then Fax</b>	Connect your phone to the device, enter the number, press ☰ > <b>Dialing Menu</b> > <b>Talk Then Fax</b> , then press ☒ to make the call






### Bluetooth™ Wireless Connections

Feature	Description
<b>Make Phone Visible to Other Device</b>	Allow an unknown Bluetooth device to discover your phone: [Menu] > <b>Settings</b> > <b>Connection</b> > <b>Bluetooth Link</b> > <b>Setup</b> > <b>Find Me</b> 
<b>Connect to Recognised Device</b>	Connect to a recognised handsfree device: [Menu] > <b>Settings</b> > <b>Connection</b> > <b>Bluetooth Link</b> > <b>Handsfree</b> > <i>device name</i> 
<b>Disconnect From Device</b>	Disconnect from a device: Highlight the device name and press <b>DROP</b> (↵) 
<b>Switch to Device During Call</b>	Switch to a headset or car kit during a call: [Menu] > <b>Use Bluetooth</b> 
<b>Edit Device Properties</b>	Edit the properties of a recognised device: Highlight the device name and press [Menu] > <b>Edit</b> 
<b>Set Bluetooth Options</b>	Set your phone's Bluetooth options: [Menu] > <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>Add Datebook Event</b>	Add an event to the datebook:  > <b>Tools</b> > <b>Datebook</b> > <i>day</i>  > <b>New</b>
<b>View Datebook Event</b>	View or edit event details:  > <b>Tools</b> > <b>Datebook</b> > <i>day</i> > <i>event name</i>
<b>Event Reminder</b>	View event reminder: <b>VIEW</b> (◁) Dismiss event reminder: <b>EXIT</b> (◁)
<b>Set Alarm</b>	Set an alarm:  > <b>Tools</b> > <b>Alarm Clock</b>
<b>Turn Off Alarm</b>	Turn off alarm: Press <b>DISABLE</b> (◁) or  Set 8-minute delay: Press <b>SNOOZE</b> (◁)




















Feature	Description
<b>Create Voice Record</b>	<p>Create a voice record:                      Press and hold voice key, speak voice record, release voice key</p> <p><i>Note: Recording phone calls is subject to varying laws regarding privacy and recording of conversations.</i></p>
<b>Play Voice Record</b>	<p>Play back a voice record:                      [Menu] &gt; <b>Tools</b> &gt; <b>Voice Records</b> &gt; <i>voice record</i></p>
<b>Calculator</b>	<p>Calculate numbers:                      [Menu] &gt; <b>Tools</b> &gt; <b>Calculator</b></p>
<b>Currency Converter</b>	<p>Convert currency:                      [Menu] &gt; <b>Tools</b> &gt; <b>Calculator</b>                      [Menu] &gt; <b>Exchange Rate</b></p> <p>Enter exchange rate, press <b>OK</b> (OK), enter amount, press [Menu] &gt; <b>Convert Currency</b></p>

### Security

Feature	Description
<b>SIM PIN</b>	<p>Lock or unlock the SIM card:                      [Menu] &gt; <b>Settings</b> &gt; <b>Security</b> &gt; <b>SIM PIN</b></p> <p><b>Caution:</b> If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays <b>SIM Blocked</b>.</p>
<b>Lock Application</b>	<p>Lock phone applications:                      [Menu] &gt; <b>Settings</b> &gt; <b>Security</b> &gt; <b>Lock Application</b></p>



### News and Entertainment

Feature	Description	
<b>Launch Micro-Browser</b>	Start a micro-browser session:  > <b>Web Access</b> > <b>Browser</b>	
<b>Download Objects from Web Page</b>	Download a picture, sound, or phone theme from a Web page: highlight the file, press <b>SELECT</b> (  ) , press <b>STORE</b> (  )	
<b>Web Sessions</b>	Select or create a Web session:  > <b>Web Access</b> > <b>Web Sessions</b>	
<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</b>	Download a Java game or application:  > <b>Web Access</b> > <b>Browser</b> , highlight the application, press <b>SELECT</b> (  ) , press <b>DOWNLOAD</b> (  )	
<b>Launch Game or Application</b>	Launch a Java game or application:  > <b>Games &amp; Apps</b> , highlight the application, press <b>SELECT</b> (  )	
<b>Manage Pictures</b>	Manage pictures and animations:  > <b>Multimedia</b> > <b>Pictures</b>	

Feature	Description
<b>Manage Sounds</b>	Manage ring tones, sounds that you have composed or downloaded: ☰ > <b>Multimedia</b> > <b>Sounds</b>
<b>Edit Sounds With MotoMixer</b>	Edit MIDI-based sound files that you can use with your phone: ☰ > <b>Multimedia</b> > <b>MotoMixer</b> > <b>[New Mix]</b> or <i>mix file name</i>
<b>Create Ring Tones</b>	Create ring tones that you can use with your phone: ☰ > <b>Settings</b> > <b>Alert Styles</b> > <b>My Tones</b> > <b>[New Tone]</b>
<b>Camera</b>	Adjust light level and other settings for the integrated camera: ☰ > <b>Multimedia</b> > <b>Camera</b>

## ***Warranty Information***

---

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

You must inform Motorola of the lack of conformity to the applicable specifications of any of the Products within a period of two (2) months from the date on which you detect a defect in material, workmanship or lack of conformity and in any event within a term not to exceed the Warranty Term, by submitting the Product for service to Motorola. Motorola shall not be bound by Product related statements not directly made by Motorola nor any warranty obligations applicable to the seller.

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

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

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

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



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

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

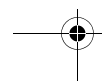
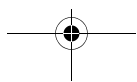
(\*including without limitation loss of use, loss of time, loss of data, inconvenience, commercial loss, lost profits or savings.

### ***How to get warranty service?***

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

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

In order to be eligible to receive warranty service, you must present your receipt of purchase or a comparable substitute proof of purchase bearing the date of purchase. The handset should also clearly display the original compatible electronic serial number (IMEI) and mechanic serial number [MSN]. Such information is contained with the Product.



### **Conditions**

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

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

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

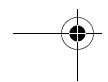
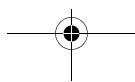
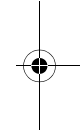
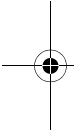
When the Product is used in conjunction with ancillary or peripheral equipment not supplied by Motorola, Motorola does not warrant the operation of the Product/peripheral combination and Motorola will not honour any warranty claim where the Product is used in such a combination and it is determined by Motorola that there is no fault with the Product. Motorola specifically disclaims any responsibility for any damage, whether or not to Motorola equipment, caused in any way by the use of the Personal handset, accessories, software applications and peripherals (specific examples include, but are not limited to: batteries, chargers, adapters, and power supplies) when such accessories, software applications and peripherals are not manufactured and supplied by Motorola.



### ***What is not covered by the warranty***

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

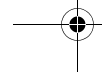
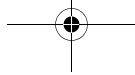
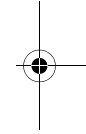
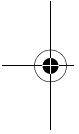
- 1 Defects or damage resulting from use of the Product in other than its normal and customary manner.
- 2 Defects or damage from misuse, access to incompatible sources, accident or neglect.
- 3 Defects or damage from improper testing, operation, maintenance, installation, adjustment, unauthorised software applications or any alteration or modification of any kind.
- 4 Breakage or damage to antennas unless caused directly by defects in material or workmanship.
- 5 Products disassembled or repaired in such a manner as to adversely affect performance or prevent adequate inspection and testing to verify any warranty claim.
- 6 Defects or damage due to range, coverage, availability, grade of service, or operation of the cellular system by the cellular operator.
- 7 Defects or damage due to moisture, liquid or spills of food.
- 8 Control unit coil cords in the Product that are stretched or have the modular tab broken.
- 9 All plastic surfaces and all other externally exposed parts that are scratched or damaged due to customer normal use.
- 10 Leather cases (which are covered under separate manufacturer's warranties).
- 11 Products rented on a temporary basis.
- 12 Periodic maintenance and repair or replacement of parts due to normal wear and tear.





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

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





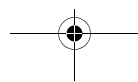
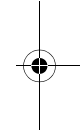
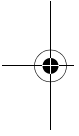
## ***Specific Absorption Rate Data***

### ***This model handset meets international standards for exposure to radio waves***

Your mobile handset 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 handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your handset model, the SAR limit is 2.0 W/kg.\* Tests for SAR are conducted in accordance with CENELEC\*\* testing procedures using standard operating positions with the handset 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 handset while operating can be well below the maximum value. This is because the handset 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 handset.

Before a handset model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions and locations (e.g., at the ear and worn on the body) that conform to a uniform testing methodology determined by an expert standards body. The SAR value for this model phone was not available when this publication went to press.

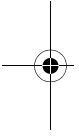






For further information, please refer to <http://www.hellomoto.com/sar>

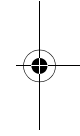
While there may be differences between the SAR levels of various handsets and at various positions, they all meet the governmental requirements for safe exposure. Please note that modifications to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.



\* The SAR limit recommended by international guidelines (ICNIRP) for mobile handsets 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.

\*\* CENELEC is a European Union standards body.

\*\*\* Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.



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