Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V620 GSM wireless phone.


## Check It Out!



Personalise your phone with custom
covers.

| Feature | Description |
| :---: | :---: |
| Record Video Clip | Record a video clip: <br> Press $\square>$ Multimedia $>$ Videos > [New Videol, point lens at subject, press CAPTURE ( $\bullet$ ) to begin recording, press sTOP $(\bullet)$ to stop recording. |
| Play Video Clip | Play a video clip: $\overline{\bar{E}}>\text { Multimedial }>\text { Videos }>\text { video clip }$ |


| Feature | Description |
| :---: | :---: |
| Take Photo | Press $\equiv>$ Multimedia $>$ Camera, point lens at subject, press CAPTURE $(\bullet)$ to take a photo. |
| Send Photo | Send a photo to a phone number or email address: <br> Take photo, then press STORE ( $\odot$ ) <br> > Send In Message. |
| Set Photo as Picture ID | Assign a photo to a phonebook entry to allow picture caller ID: <br> Take photo, then press STORE ( $\odot$ ) <br> $>$ Apply as Phonebook Entry. |
| Send Multimedia Message | Send a multimedia message with pictures, animations, sounds, and videos: <br> $\equiv$ > Messages > New Message <br> $>$ New Multimedia Msy |
| Wireless Connection | Set up a Bluetooth ${ }^{\circledR}$ wireless connection to a headset accessory, car kit, or external device: <br> $\square>$ Settings > Conneetion > Bluetooth Link <br> $>$ Setup > Power > On, press BACK ( $\bullet^{\circ}$ ), press <br> > Handsfree > Llook For Devices] |
| Ring Lights | Choose ring lights for incoming calls: $\square>$ Settings > Ring Styles > Ring Lights |
| Event Lights | Activate event lights for incoming text and voicemail messages, alarms, and other events: <br> $\square>$ Settings $>$ Ring Styles $>$ Event Lights |

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Caution: Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.
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.
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## Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR PHONE.
The information provided in this document supersedes the general safety information in user guides published prior to December 1, 2002.

## Exposure To Radio Frequency (RF) Energy

Your phone contains a transmitter and a receiver. When it is ON , it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.
Your Motorola phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

## Operational Precautions

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

## External Antenna Care

Use only the supplied or Motorola-approved replacement antenna. Unauthorised antennas, modifications, or attachments could damage the phone.
Do NOT hold the external antenna when the phone is IN USE. Holding the external antenna affects call quality and may cause the phone to operate at a higher power level than needed. In addition, use of unauthorised antennas may result in non-compliance with the local regulatory requirements in your country.

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## 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. Mot orola.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 <br> a fire. |
| Your battery or phone may require recycling in <br> accordance with local laws. Contact your local <br> regulatory authorities for more information. |  |
|  | Your phone contains an internal lithium ion <br> battery. |

## Seizures/Blackouts

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

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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 blinkinglights 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 - to find your DoC, enter the product Approval Number from your product's label in the "Search" bar on the Web site

## CAUTION：Before using the phone for the first time，read the Important Safety and Legal Information included in the gray edged pages at the back of this guide．

## About This Guide

This guide describes the basic features of your Motorola wireless phone．
To obtain a copy of this guide，see the Motorola Web site at：
http：／／hellomoto．com．

## Selecting a Menu Feature

Use the menu system to access your phone＇s features．This guide shows you how to select a menu feature from the home screen as follows：

## Find the Feature

This example shows that，from the home screen，you must press the menu key $\square$ to open the menu，scroll to and select㞆 Recent Calls，then scroll to and select Dialled Calls．
Press the 5 －way navigation key ©．）to scroll and highlight a menu feature．Press sEIECT $(\odot)$ to select the highlighted menu feature．

## Optional Features

园品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 ${ }^{\text {TM }}$ accessory．

## Installing the SIM Card

Your Subscriber Identity Module（SIM）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


## 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 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 $-10^{\circ} \mathrm{C}\left(14^{\circ} \mathrm{F}\right)$ or above $45^{\circ} \mathrm{C}\left(113^{\circ} \mathrm{F}\right)$. 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.

## 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 Insert the travel charger plug into your phone with the release tab facing up. Make sure that both of the plug's connector hooks engage to lock the plug in place.


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

Note: It make take up to 10 seconds for your phone to provide a visible or audible indication that the battery is charging.
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 the phone after charging is complete. This will not damage the battery.

## Installing the Battery

тм Your phone is designed to use only Motorola Original batteries and accessories.
Note: Your phone is shipped with a protective clear plastic liner covering the battery door latch. Remove the liner to ensure that the battery door attaches and closes properly.



## Turning Your Phone On

## Action

1 Open your phone.
2 Press and hold the power key 回 for 2 seconds to turn the phone on.

Note: It may take up to 4 seconds for the display to illuminate after you turn the phone on.


3 If necessary, enter your SIM card PIN code and press OK $(\odot)$ 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 $(\bullet)$ to unlock the phone.

## Turning Your Phone Off

## Action

Press and hold the power key 回 for 2 seconds to turn the phone off.

## Adjusting Volume

Press the up or down volume keys to：
－silence an incoming call alert
－increase or decrease earpiece volume during a call
－increase or 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 switch back to vibrate alert， then ring alert．

## Making a Call

You must be in the home screen to dial a phone number（see page 39）．

|  | Press | To |
| :--- | :--- | :--- |
| $\mathbf{1}$ | keypad keys | dial the phone number |
| 2 | $\square$ | make the call |
| 3 | $\square$ | end the call and＂hang up＂the phone <br> 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 $\equiv>$ Settings $>$ In－Call Setup $>$ Answer Options ＞Open to Answer．）
If the phone flip is not active：

|  | Press | To |
| :--- | :--- | :--- |
| 1 | $\boxed{6}$ or ANSWER $(\bullet)$ | answer the call |
| 2 | $\square$ | end the call and＂hang up＂the phone <br> when you are finished |

## Viewing Your Phone Number

To view your phone number from the home screen，press灵 囲。
While you are on a call，press $\Xi>$ 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 71．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!

## Recording and Playing Video Clips

You can record a video clip with your phone, and send it to other wireless phone users in a multimedia message.

## Recording a Video Clip

To activate your phone's video camera:

## Find the Feature $\quad \equiv>$ Multimedia $>$ Videos $>$ [New Video]

The active viewfinder image appears on your display.


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The video clip displays in the video clip playback screen.


## Adjusting Video Settings

Press $\square$ to open the Videos Menu during video recording or playback. When recording the following options are available:

| Option | Description |
| :--- | :--- |
| Go To Videos | View video clips stored on your phone. |
| Videos Setup | Open the setup menu to adjust video <br> settings. |
| View Free Space | View memory space available for <br> storing video clips. |

Point the camera lens at the video subject, then:


## Playing a Video Clip

To play a video clip stored on your phone:
Find the Feature
$\equiv>$ Multimedia > Videos
$>$ video clip

When in playback the following options are available:

| Option | Description |
| :--- | :--- |
| New | Record a Video Clip. |
| Details | View video clip information. |
| Delete | Delete the selected video clip or all <br> marked video clips. |
| Move | Move selected video clip or marked <br> video clips to another device, and <br> delete original video(s) from phone <br> memory. |
| Copy | Copy selected video clip or marked <br> video clips to another device, and <br> leave copy of video(s) on phone. |
| Mark/Unmark or <br> Mark All/Unmark All | Mark one or more video clips that you <br> want to move, copy, send, or delete. |
| Assign To Category | Assign the video clip to a defined <br> category. |

## Taking and Sending a Photo

To activate your phone's camera:
Find the Feature
$\square>$ Multimedia > Camera
The active viewfinder image appears on your display.


Point the camera lens at the photo subject, then:


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## Sending a Multimedia Message

禺:
A Multimedia Messaging Service (MMS) multimedia message contains one or more pages with text and embedded media objects (including photos, pictures, animations, sounds, voice records, and video clips). You can send a multimedia message to other wireless phone users, and to email addresses.

Tip: The layout of all pages in a multimedia message is defined by the layout of the first page. To display a media object at the top of the page, insert it in the first half of the message text. To display a media object at the bottom of the page, insert it in the second half of the message text.

Find the Feature


| Press <br> 1 keypad keys | To enter text on the page |
| :---: | :---: |
| $2 \square$ | open the MMS Menu |
| 3 - | scroll to Insert |
| 4 SELECT ( ${ }^{\circ}$ ) | display a list of items you can insert |
| 5 - | scroll to Pieture, Voice Record, Sound, Video, New Page, Quick Note, or Contact Info |
| 6 SELECT ( ${ }^{\circ}$ ) | select the file type |
| 7 -9. | highlight the file you want |
| 8 SELECT ( ${ }^{\circ}$ ) | insert the file |
|  | To add another page to the message, continue to step 9 . |
| $9 \square$ | open the MMS Menu to insert a new page |


|  | Press | To |
| :--- | :--- | :--- |
| 3 | ©.) | scroll to Send in Message, Store Only, <br> Apply as Wallipaper, Apply as Sereen Saver, <br> or Apply as Phonebook Entry |
| $\mathbf{4}$ | SELECT $(\odot)$ | perform the storage option |

## Using the Auto Timer

Activate the camera and then press $\Xi>$ Auto-Timed Capture. Press -©.) left or right to set a 5 or 10 second timerdelay, then press START $(\odot)$. Close the flip, and use the mirror to aim the camera lens. When you hear the camera click, open the flip to see your photo.

## Adjusting Camera Settings

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

| Option | Description |
| :--- | :--- |
| Go To Pietures | View pictures and photos stored on <br> your phone. |
| Auto-Timed Capture | Set a timer for the camera to take a <br> photo. |
| Pietures Setup | Open the setup menu to adjust picture <br> settings. |
| View Free Space | See how much memory remains for <br> storing pictures. |

Highlight Features

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| Press | To |
| :---: | :---: |
| 10 -9.) | scroll to Insert |
| 11 SELECT ( ${ }^{\circ}$ ) | display a list of items you can insert |
| 12 -9.) | scroll to New Page |
| 13 SELECT ( ${ }^{\circ}$ ) | insert a new page after the current page |
|  | Repeat steps 1 to 8 to enter contents for the new page. |

When you finish composing the multimedia message:

| 1 | Press <br> OK ( ${ }^{\circ}$ ) | To <br> store the message |
| :---: | :---: | :---: |
| 2 | -(9) | scroll to a Send To option: |
|  |  | Highlight an existing phonebook entry. |
|  |  | Or highlight [One Time Entry] to enter one or more phone numbers or email addresses. |
|  |  | Or highlight [New Phonabook Entry] to enter a number/address and add it to the phonebook. |
| 3 | ADD ( ${ }^{\circ}$ ) | add a phonebook entry to the list of recipients |
|  |  | Repeat steps 2 and 3 to add additional phonebook entries to the list. |
|  | or |  |
|  | SELECT ( $\odot)$ | select [One Time Entry] or [New Phonebook Entry] |



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To turn Bluetooth power on:

$$
\text { Find the Feature } \quad \begin{aligned}
\equiv & >\text { Settings }>\text { Connection } \\
& >\text { Bluetooth Link }>\text { Setup }>\text { Power } \\
& >0 \text { On }
\end{aligned}
$$

This procedure turns Bluetooth power on and leaves it on until you turn it off. When your phone's Bluetooth power is on, your handsfree accessory can automatically reconnect to the phone when you turn on the accessory or move it within range of the phone.
Tip: To extend battery life, use the above procedure and set Bluetooth power to off when not in use.

## Searching for Other Devices

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

## Find the Feature

$\equiv>$ Settings > Connection
> Bluetooth Link > Handsfree
> [Look For Devices.
If Bluetooth power is turned off, your phone prompts you to Temporarily Power on? the Bluetooth power setting. Press YES ( $\odot^{\circ}$ ) to proceed. Alternatively, set Power to on in the Setup menu to turn Bluetooth power on and leave it on.

Your phone scans for and displays a list of device(s) located within range of the phone.
Note: If your phone is already connected to a device, you must disconnect from it to search for other devices.
To connect to a device, highlight the device name and press SEIECT ( $\bullet$ ).

The device may request permission to bond with your phone
Select YEs $(\stackrel{\circ}{\circ})$ and enter the correct PIN code to create a secure

Receiving a Multimedia Message

~ロ
When you receive a multimedia message or letter, your phone displays the message indicator and the New Message notification, and sounds an alert.

Press
To
READ ( $\odot)$ open the message

Multimedia messages that you receive can contain different media objects:

- Photos, pictures, and animations are displayed as you read the message.
- A sound file or video clip begins playing when its page is displayed. Use the volume keys to adjust the volume as the sound file or video clip plays.
Tip: In a multimedia letter, you may have to highlight an indicator embedded in the text to play a sound file or video clip.


## Using a Bluetooth ${ }^{\circledR}$ Wireless Connection

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

## Turning Bluetooth Power On or Off

The preferred method for connecting your phone to a Bluetooth headset or handsfree car kit is to turn on Bluetooth power on your phone, then connect your phone to the headset or car kit.
connection with the device. When the connection is made, the Bluetooth indicator $\$$ displays in the home screen.

## Sending Objects to Another Device

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

## Sending a Picture, Sound, or Video Clip

Highlight the object on your phone that you want to send to the other device, then press $\equiv>$ Copy.

Select a recognised device name listed in the Object Exchange menu, or llook For Devicess to search for the device to which you want to send the object.

## Sending a Phonebook Entry, Datebook Event, or Bookmark

Highlight the item on your phone that you want to send to the other device, then press $\square>$ Send.
Select a recognised device name listed in the Object Exchange menu, or Llook For Devicess to search for the device to which you want to send the item.

## Using Ring Lights

Set up your phone to display a light pattern (in addition to or instead of a ring/vibrate alert) when you receive an incoming call. To select a light pattern:

## Find the Feature

$\square>$ Settings > Ring Styles
$>$ Ring Lights > light pattern
The same light pattern displays for all incoming calls. You can use the light ID feature to display a distinctive light pattern when you
receive calls from phonebook entries in a specific category. To set a light ID for a phonebook category, see pag e86.

## Setting Event Lights

When event lights are activated, your phone displays a light pattern to notify you of the following events: incoming calls from specific phonebook categories, incoming text and voicemail messages, alarms, power up, power down, battery charging, Bluetooth connect, Bluetooth activity, and Bluetooth disconnect.
To turn event lights on or off:

## Find the Feature $\quad \equiv>$ Settings $>$ Ring Styles $>$ Event Lights > On or Off

## Changing Phone Covers

 phone to personalise its appearance. Matching front and back cover sets are available in a variety of colours and designs.
Your phone is designed to be used only with Motoro laOriginal ${ }^{\text {TM }}$ accessories. See your Motorola retailer for these replaceable covers.

## Removing a Flip Cover

## Action

1 Close the phone flip.
2 Put your fingernails at the top corners of the flip cover, and pull down on both sides to slide the cover off the phone.

## Notes:

- Do not use tools to remove the flip cover. Using tools to remove a flip cover will damage the cosmetic appearance of the phone.
- The flip cover is attached tightly to the phone, and considerable force is required to remove it.


## Attaching a Flip Cover

## Action

1 Close the phone flip.
2 Line up the ridges on each side of the cover so that they align with the slots on the phone.


3 Slide the cover onto the phone until it snaps into place.

## 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 ©. up, down, left, or right to select one of the menu feature icons displayed in the home screen. If you select a menu feature by mistake, press 国 to return to the home screen.
The menu indicator $\equiv$ shows that you can press the menu key $\equiv$ to enter the main menu.
Labels at the bottom corners of the display show the current soft key functions. Press the left soft key $\stackrel{\rightharpoonup}{\circ}$ or right soft key $\stackrel{\rightharpoonup}{ }$ to perform the indicated function.

## Notes:

- Your home screen may appear different than shown. For example, the menu feature icons normally are hidden 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 menu icons, see page 88.
- Your phone can display an analogue or digital clock in the home screen (see page88).
- Your phone's display normally is visible only when the display backlight is on, or when the display is viewed in direct sunlight. To extend battery life, the backlight turns off automatically when no activity is detected for a specified time. The backlight turns back on when you open the flip or press any key. To set the time that the backlight stays on, see page70.
- To further extend battery life, you can set the display to turn off (in addition to the backlight) when no activity is detected for a specified time. The display turns back on when you open the flip or press any key. To set the time that the display stays on, see pag e70.

The following status indicators can display:


1. Data Transmission Indicator - Shows connection and data transmission status. The Bluetooth ${ }^{\ominus}$ wireless connection indicator * shows when a Bluetooth connection is active. Other indicators can include:

| $\begin{gathered} \text { 80 }=\text { secure packet data } \\ \text { transfer } \end{gathered}$ | $\vec{\square}=\begin{aligned} & \text { unsecure packet data } \\ & \text { transfer } \end{aligned}$ |
| :---: | :---: |
| = secure application connection | 国 = unsecure application |
| it = secure Circuit Switch | $\stackrel{\text { ® }}{ }$ = ) 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：

$$
\begin{array}{ll}
\text { 同 }=\underset{\text { active }}{=} \text { GPRS PDP context } & \underset{\text { available }}{\text { GPRS packet data }} \\
\text { GP }
\end{array}
$$

3．Signal Strength Indicator－Vertical bars show the strength of the network connection．You cannot make or receive calls when the no signal indicator $\bar{i}^{\prime \prime}$ or not transmit indicator $\boldsymbol{i}^{\prime \prime} X$ is displayed．

觜畐
4．Roam Indicator－The roam indicator $\boldsymbol{\Delta}$ shows when your phone is seeking or using another network outside your home network．Other indicators can include：

$$
\begin{aligned}
& { }^{2.5}=2.5 \mathrm{G} \text { home } \\
& \mathrm{E}=2 \mathrm{G} \text { home }
\end{aligned}
$$

$$
\frac{2.5}{\dot{4}}=2.5 \mathrm{Groam}
$$

$$
{ }_{4}^{2 C}=2 \mathrm{G} \text { roam }
$$

些
5．Call Status Indicator－Shows the call status of your phone．For dual－line－enabled SIM cards，shows the current active phone line．Indicators can include：


$$
\mathfrak{l}=\text { line } 1 \text { active }
$$

$$
\text { §l = line } 1 \text { active, call }
$$

$$
\begin{aligned}
& \mathfrak{C} \mathbb{S}=\text { call divert on } \\
& \mathbb{S}_{2}=\text { line } 2 \text { active } \\
& \mathbb{S}_{2} \mathbb{C}=\text { line } 2 \text { active, } \\
& \text { on }
\end{aligned}
$$ divert on

6．Messaging Presence Indicator－Shows when instant messaging is active．Indicators can include：

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## Using the 5－Way Navigation Key

Press the 5 －way navigation key © up， down，left，or right to scroll through the menu system，highlight menu items， change feature settings，and play games．Press the centre select key $\odot$ in the centre of the 5 －way navigation key to select a highlighted menu item．The
 centre select key usually performs the same function as the right sof the y $\odot$ ．

## Using Menus

From the home screen，press $\square$ to enter the main menu．


$$
\begin{aligned}
& 88=1 M \text { active } \quad z_{0}=\text { available for } I M \\
& x^{*}=\text { busy } \\
& \approx=\text { invisible to IM }
\end{aligned}
$$

$$
\begin{aligned}
& \text { calls } \\
& \text { ", offline }
\end{aligned}
$$

When a Java ${ }^{\text {TM }}$ application is active，the Java midet indicator displays in this location．


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．
$\Delta *=$ loud ring
$\Leftrightarrow$＝soft ring
组＝vibrate
$\leqslant \mathrm{s}=$ vibrate and ring
$\Delta_{z}^{z}=$ silent

园吾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

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Press ©．to scroll to and highlight a menu feature icon in the main menu．Press SEIECT $(\odot)$ or $\odot$ to select the highlighted menu feature．
The following icons represent features that may display in the main menu，depending on your service provider and service subscription options．

| Menu Icon | Feature | Menu Icon | Feature |
| :---: | :---: | :---: | :---: |
| ¢］ | Phonebook |  | Recent Calls |
| $\checkmark$ | Messages | 88 | Office Tools |
| ใ． | Games \＆Apps | 明 | Web Access |
| 鹪 | Multimedia | （1） | IM |
|  | Settings |  |  |

## Selecting a Feature Option

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


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


## Entering Text

Some features require you to enter information.


Press CANCEL $(\odot)$ to exit without making changes.
DONE $(\odot)$ displays when you enter or edit information.

The message centre lets you compose text messages.
For indicator
descriptions, see
following section.

## Selecting 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 囲 in any text entry screen to select one of the following entry modes:

| Primary | The primary text entry mode (see below to set). |
| :--- | :--- |
| Numeric | Enter numbers only (see pag e55). |
| Symbol | Enter symbols only (see page55). |
| Secondary | The secondary text entry mode (see below to |
|  | set). |

Alternatively, you can select a text entry mode in any text entry screen by pressing $\square \gg$ Entry Mode.

## Setting Primary and Secondary Text Entry Modes

You can set different primary and secondary text entry modes, and easily switch between modes when you enter data or compose a message.
Press $\square>$ Entry Setup in a text entry screen. Select Primary Setup or Secondary Setup, and choose:

| iTAP | iTAP® software predicts each word as you enter it, <br> to simplify and speed up text entry. |
| :--- | :--- |
| Tap | Enter letters and numbers by pressing a key one <br> or more times. |
| Tap Extended | Enter individual letters, numbers, and symbols by <br> pressing a key one or more times. |
| None | Hide the Secondary setting if you prefer not to set a <br> secondary text entry mode (only available for <br> Secondary Setup). |

## Using Capitalisation

Press $[0+1$ in a text entry screen to change text case. Indicators at the top of the display show the capitalisation setting:

$$
\begin{array}{ll}
\mathbf{a b c}=\text { no capital letters } & \mathbf{A b c}=\text { capitalise next letter only } \\
\mathbf{A B C}=\text { all capital letters } &
\end{array}
$$

## Text Entry Mode Indicators

In Primary or Secondary text entry mode, indicators at the top of the display show the text entry setting:

| Primary | Secondary |  |
| :---: | :---: | :--- |
| $\mathbf{1}$ | $\mathbf{2}$ | Tap, no capital letters |
| $\mathbf{1} \uparrow$ | $\mathbf{2} \uparrow$ | Tap, capitalise next letter only |
| $\mathbf{1 \uparrow}$ | $\mathbf{2 \uparrow}$ | Tap, all capital letters |



For example，if you press 囲 回 ，your phone displays：


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Tap mode cycles through the letters and number of the key you press．Tap Extended mode also cycles through additional symbols as shown in the＂Character Chart＂on pag e54．
If necessary，press 囲 in a text entry screen to switch to Tap mode． An indicator shows which mode is active（see page 48）．If tap or Tap Extended is not set as the Primary or Secondary entry mode，see page 48.

## Tap Mode Text Entry Rules

－Press a keypad key repeatedly to cycle through its characters． For example，you would press 2 2me one time to enter＂a，＂two times to enter＂b，＂three times to enter＂ c ，＂or four times to enter ＂ 2 ．＂
－After 2 seconds，Tap mode accepts the character，and the cursor moves to the next position．
－The first character of every sentence is capitalised．If necessary，press ©．down to change the character to lowercase before the cursor moves to the next position．
－Press ©．to move the flashing cursor to enter or edit message text．
－If you do not want to save your text or text edits，press 国 to exit without saving．

## Entering Words in Tap Mode

| $\quad$Press <br> a keypad key one or or <br> more times | To <br> select a letter，number，or symbol |  |
| :--- | :--- | :--- |
| 2 | keypad keys | enter remaining characters |
|  | Tip：Press © <br> completion，or right to accept a word <br> cou to insert a space． |  |

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

## Entering Novel Words in iTAP Mode

You may enter a word that the iTAP software does not recognise．If your word is not shown as a letter combination choice at the bottom of the display：

## Action

1 Press DELIETE $(\odot)$ one or more times to delete letters，until you see a letter combination at the bottom of the display that matches the start of the word you want to enter．
2 Press ©）left or right to highlight the letter combination．
3 Press seliect（ $\cdot \cdot$ ）to select the letter combination．
4 Continue to enter letters and select letter combinations to spell the word．

Your phone automatically stores the novel word and displays it as an option the next time you enter its letter combination．When the memory space for storing novel words is filled，your phone deletes the oldest words to add new words．

## Entering Numbers and Punctuation in ITAP Mode

To enter numbers quickly，press and hold a number key to temporarily switch to numeric mode．Press the number keys to enter the numbers you want．Enter a space to revert to itAP mode．
Press to enter punctuation or other characters as shown in the ＂Character Chart＂on page 54.

## Using Tap Mode

This is the basic text entry mode on your phone．

|  | Press | To |
| :--- | :--- | :--- |
| 3 | OK $()$ | store the text |

In a text entry screen，you can press to to switch entry modes．An indicator shows which mode is active（see p a g e48）．litap or Tap Extended is not set as the Primary or Secondary entry mode，see page 48.
For example，if you press 8 mow one time，your phone displays：


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" your phone might display:


## Character Chart

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

| 1-0) |  |
| :---: | :---: |
| 2,nct | a b c 2 ä å á à â ã $\alpha \beta$ ç |
| 530.7 | d e f $3 \delta$ ë é è ê $\phi$ |
| 440 | g h i 4 ï í î $\gamma$ |
| 5 mm | j k \| $5 \lambda$ |
| 6 m | m n ○ 6 ñ ö ø ó ò ô õ $\omega$ |
| 5000 | p q r s $7 \pi \beta \sigma$ |
| 8 mov | t u v $8 \theta$ ü ú ù û |
| 5m, | w x y z $9 \xi \psi$ |
| $0+1$ | change text case, for capital letters |

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## Symbol Chart

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

| 1.0 | $\begin{aligned} & . \quad ?!, @-\& \sim: ; "-()^{\prime} \text { i } \\ & i \% £ \$ \neq 0 € \end{aligned}$ |
| :---: | :---: |
| 2, 2 | @ _ 1 |
| 530] | / : ; |
| 440] | " \& ' |
| 5 mm | ( ) [ ] \{ \} |
| 50.0] | i i ~ |
| 5 | < > = |
| 8 700 | \$ £ $\ddagger \mathrm{a}$ |
| 50\% | \# \% * |
| $0+1$ | + - x * = > < \# § |
| ** | enter a space (hold to enter a return) |
| \#- | change text entry mode (hold for default) |

Note: This chart may not reflect the exact character set available on your phone. In an email or Web address editor, 1.0 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 DELETE $(\bullet)$ to delete one letter at a time. |
| Hold DELETE $()$ to delete the entire message. |


| * | 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 or Web address editor, ${ }^{1 \rightarrow 0}$ first shows common characters for that editor.

## Using Numeric Mode

In a text entry screen, press \#\# to switch entry modes until the numeric indicator $\mathbf{1 2 3}$ displays.
Press the number 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 <br> keypad keys <br> (one press per <br> symbol) | To <br> show possible symbol combinations <br> at the bottom of the display |
| :--- | :--- | :--- |
| $\mathbf{2}$ | ©. left or right | highlight the combination you want |
| $\mathbf{3}$ | SELECT ( - ) | select the highlighted combination <br> You can press keypad keys to add <br> more symbols to the end of the <br> combination. |
|  | or | enter the highlighted combination |

## 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 sof tke y $\odot$.

## Using the External Display

When the flip is closed, the external display shows time 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

|  | Press | To |
| :--- | :--- | :--- |
| $\mathbf{1}$ | volume keys | scroll to Style |
| $\mathbf{2}$ | smart key | select a ring style |
| $\mathbf{3}$ | volume keys | return to the home screen |

## Returning an Unanswered Call

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

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.

## Action

1 Press the smart key to display the received calls list. or
Press the volume keys to dismiss the Missed Calls message.
2 If necessary, press the volume keys to scroll through the list and highlight an unanswered call.
3 If a headset is connected to your phone, press and hold the smart key to call the number.
or
Press the smart key to exit without calling.

## 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 $(\odot)$ to turn the handsfree speaker on or off during a call.
When you turn the handsfree speaker on, your phone displays Splirphone On in the home screen. The handsfree speaker remains on until you press SPEAKER ( $\odot$ ) again or end the call.
Note: The handsfree speaker is disabled when you connect your phone to a handsfree car kit or headset accessory.

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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 | $\equiv$ | display the unlock code bypass <br> screen |
| $\mathbf{2}$ | keypad keys | enter your security code |
| $\mathbf{3}$ | OK $(\odot)$ | submit your security code |

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

## Using the Phonebook

This section describes basic phonebook operations. For more information about using the phonebook, see pag e85.

## Storing a Phone Number

Enter a phone number in the home screen, then press sTORE ( $\bullet$ ) to create a phonebook entry with that number. Press DONE $(\odot)$ to store the number by itself, or fill in the other fields as necessary to complete the entry.
If you assign a Name to the phonebook entry, you can select MORE to store another number (for example, a work number) for the same Name.

## Recording a Voice Name

When creating a phonebook entry, scroll to Voice Name and press RECORD ( $\bullet$ ). Press and release the voice key and say the entry's name (within 2 seconds). When prompted, press and release the voice key and repeat the name.

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

## Dialling a Number

Press $\square>$ Phonebook, highlight the phonebook entry, press [10 to call.

Shortcut: In the phonebook, press a keypad key one or more times to jump to entries that begin with the key's letters.

## Voice Dialling a Number

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

## Sorting Phonebook Entries

Press $\square>$ Phonebook, press $\equiv>$ 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 86.
Tip: In Primary number view mode, highlight a name and press (-). left or right to view other numbers associated with the name.

## Setting a Picture ID for a Phonebook Entry

Press $\equiv>$ Phonebook > entry, press $\equiv>$ Edit $>$ Pieture > picture name.
Also see pages 3 a n d28

## Setting Picture ID View

Press $\square>$ Phonebook, press $\square>$ Setup $>$ View by $>$ Picture.

## Viewing Entries By Category

Press $\equiv>$ Phonebook, press $\equiv>$ 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 page86 .

## Setting Up Your Phone

## Setting a Ring Style

You can set the following ring styles on your phone:

- Loud
- Soft
- Vibrate
- Vibe \& Ring
- Silent

Each ring style is a profile that uses a different set of ring tone alerts or vibration alerts to notify you of incoming calls, text messages, and other events. The silent setting silences your phone until you set another ring style.
To set a ring style:
Find the Feature
$\equiv>$ Settings $>$ Ring Styles $>$ Style
> style name

The ring style indicator shows the current ring style setting (see page 43).

## Setting a Wallpaper Image

Set a photo, picture, or animation as a wall paper (background) image in your phone's home screen. The wallpaper image appears as a faint watermark in text and menu displays.

| Find the Feature | $\begin{aligned} \square & >\text { Settings }>\text { Personalise } \\ & >\text { Wallpaper } \end{aligned}$ |
| :---: | :---: |
| Press | To |
| 1 -9. | scroll to Picture |
| 2 CHANGE ( $\bullet^{\circ}$ ) | open the picture viewer |
| 3 - up or down | scroll to a picture/animation |
|  | Scroll to [None] to turn off the wallpaper image. |
| 4 SELECT ( ${ }^{\circ}$ ) | select the image |
| 5 -\% | scroll to Layout |
| 6 CHANGE ( ${ }^{\circ}$ ) | adjust the image layout |
| 7 - | scroll to Centre, Tile, or Fit-to-sereen |
|  | Centre places the image in the centre of the display. |
|  | Tille fills the display with adjacent copies of the image. |
|  | Fit-to-screen resizes the image, if necessary, to fit the display. |
| 8 SELECT ( - ) | confirm the layout setting |
| 9 BACK ( $\cdot \bigcirc$ ) | save wallpaper settings |

## Changing the Call Alert

You can change the alert that a ring style uses to notify you of incoming calls or other events. Any changes you make are saved to the ring style profile.

Find the Feature

| $\equiv>$ | $>$ Settings $>$ Ring Styles |
| ---: | :--- |
|  | $>$ Style Detail |

Note: Style represents the current ring style. You cannot set an alert for the Silent ring style setting.

|  | Press | To |
| :--- | :--- | :--- |
| $\mathbf{1}$ | ©. | scroll to Calls (scroll to Line 1 or Line 2 for <br> dual-line phones) |
| $\mathbf{2}$ | CHANGE $(\odot)$ | select the event |
| $\mathbf{3}$ | ©. | scroll to the alert you want |
| $\mathbf{4}$ | SELECT $(\odot)$ | select the alert |
| $\mathbf{5}$ | BACK $(\odot)$ | save the alert setting |

The ring style profile contains additional settings for other events, and settings for ringer ID, ringer and keypad volume. You can change ring style profile settings as desired to personalise the ring style.

## Setting the Time and Date

You must set the time and date to use the datebook.

Find the Feature<br>$\equiv>$ Settings $>$ Initial Setup $>$ Time and Date

## Setting a Screen Saver Image

Set a photo, picture, or animation as a screen saver image. The screen saver image displays when the flip is open and no activity is detected for a specified time. If necessary, the image shrinks to fill the display. An animation repeats for 1 minute, then the first frame of the animation displays.
Tip: Turn off the screen saver to extend battery life.

| Find the Feature | $\begin{aligned} \square & >\text { Settings }>\text { Personaliss } \\ & >\text { Screen Saver } \end{aligned}$ |
| :---: | :---: |
| Press | To |
| 1 -\%. | scroll to Pieture |
| 2 CHANGE ( - ) | open the picture viewer |
| 3 - | scroll to a picture/animation |
|  | Scroll to [None] to turn off the screen saver image. |
| 4 SELECT ( $\left.{ }^{( }\right)$ | select the image |
| 5 -9.) | scroll to Delay |
| 6 CHANGE ( $-{ }^{\circ}$ ) | set the delay interval |
| 7 -(\%) | scroll to the inactivity interval that triggers the screen saver |
| 8 SELECT ( ${ }^{\circ}$ ) | confirm the delay setting |
| 9 BACK ( $\bullet$ ) | save screen saver settings |

## Changing Phone Skin

Change the look and feel of your phone's user interface by selecting a different skin setting.

## Find the Feature

$$
\begin{aligned}
& \equiv>\text { Settings }>\text { Personalise }>\text { Skin } \\
& \quad>\text { skin }
\end{aligned}
$$

Your phone displays the new skin.

## Setting a Phone Theme

A phone theme consists of a bundled set of image and sound files with a specific theme (such as a special event or cartoon character) that you can apply collectively to your phone. Phone themes typically include a wallpaper image, screen saver image, and ring tone. Your phone includes several preloaded themes. You can download and install additional themes on your phone.

## Downloading a Theme

To download a theme from a Web page with the micro-browser, see page 99. When you install the theme, you can instantly apply its screen saver, wallpaper, and ring tone when your phone prompts you to Apply Theme Now?

## Selecting a Theme

You can apply any of the themes installed on your phone.
Note: If one of a theme's components is not available, then a default setting is applied.

$$
\text { Find the Feature } \quad \square>\text { Multimedia }>\text { Themes }>\text { theme }
$$

## Setting Display Brightness

## Find the Feature

$$
\begin{gathered}
\equiv \gg \text { Settings } \gg \text { Initial Setup } \\
\\
>\text { Brightness }
\end{gathered}
$$

## Adjusting the Backlight

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

## Find the Feature

$$
\begin{aligned}
\equiv & >\text { Settings }>\text { Initial Setup } \\
& >\text { Backlight }
\end{aligned}
$$

Note: Your phone's display normally is visible only when the display backlight is on, or when the display is viewed in direct sunlight. To extend battery life, the backlight turns off automatically when no activity is detected for a specified time. The backlight turns back on when you open the flip or press any key.

## Setting Display Timeout

To further extend battery life, you can set the display to turn off (in addition to the backlight) when no activity is detected for a specified time.

## Find the Feature

$\equiv>$ Settings > Initial Setup
$>$ Display Timeout
You can set the display to stay on for 1 o r 2minutes, or set off to disable display timeout.
Note: The display turns back on when you open the flip or press any key.

## Deleting a Theme

觜:You cannot delete the preloaded themes on your phone. To delete one or all of the themes that you have downloaded and installed:

|  | Find the Feature |  |
| :--- | :--- | :--- |
|  |  |  |
|  | Press | Multimedia $>$ Themes $>$ theme |
| 1 | $\equiv$ | To |
| 2 | ©. | open the Theme menu |
| 3 | SELECT $(\odot)$ | scroll to Delete or Delete All |

## Setting Answer Options

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

| Multi-Key | answer by pressing any key |
| :--- | :--- |
| Open to Answer | answer by opening the flip |

To activate or deactivate an answer option:

| Find the Feature | $\begin{aligned} \square & >\text { Settings }>\text { lin-Call Setup } \\ & >\text { Answer Options } \end{aligned}$ |
| :---: | :---: |
| Press | To |
| 1 -9.) | scroll to Multi-Key or Open to Answer |
| 2 CHANGE ( - ) | select the option |
| 3 -9.) | scroll to On or Off |
| 4 SELECT ( ${ }^{\circ}$ ) | confirm the setting |

## Storing Your Name and Phone Number

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

Find the Feature

$$
\begin{aligned}
\equiv & >\text { Settings }>\text { Phone Status } \\
& >\text { My Tel. Numbers }
\end{aligned}
$$

Shortcut: Press $\square \# \boxtimes$ from the home screen to view and edit your name and phone number(s).
If you do not know your phone number, contact your service provider.

## Calling Features

For basic instructions on how to make and answer calls, see page 22.

## Turning Off a Call Alert

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

## Action

1 Press the volume keys to turn off the alert.
2 Open the flip (or press the button on a handsfree headset) to answer the call.

## Viewing Recent Calls

Your phone keeps lists of incoming and outgoing calls, even for calls that did not connect. The most recent calls are listed first. The oldest calls are deleted as new calls are added.
Shortcut: Press 10 from the home screen to view the dialled calls list.

|  | Find the Feature |  |
| :--- | :--- | :--- |
|  | Press | Recent Calls |
| 1 | © | To |
| $\mathbf{2}$ | SELECT $(\odot)$ | scroll to Received Calls or Dialled Calls |

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| Option | Description |
| :--- | :--- |
| Send Tones | Send the number to the network as DTMF <br> tones. <br> Note: This option displays only during a call. |
| Talk then Fax | Talk and then send a fax in the <br> same call (see page 94). |

## Redialling a Phone Number

|  | Press | To |
| :--- | :--- | :--- |
| $\mathbf{1}$ | ■. | view the dialled calls list |
| $\mathbf{2}$ | $\odot \cdot$ | scroll to the entry you want to call |
| $\mathbf{3}$ | $\boxed{6}$ | redial the number |

## Using Automatic Redial



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

| Press | To |
| :--- | :--- |
| $\boxed{\square}$ or Retrit $(\odot)$ | redial the number |

When the call goes through, your phone rings or vibrates one time, displays Redial Successful, and connects the call.

## Returning an Unanswered Call

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

Calling Features - 73

|  | Press | To |
| :---: | :---: | :--- |
| O.) | scroll to an entry |  |
| Note: v means the call connected. |  |  |

The Last Calls Menu can include the following options:

| Option | Description |
| :--- | :--- |
| Store | Create a phonebook entry with the number <br> in the No. field. |
| Delete | Delete the entry. |
| Delete All | Delete all entries in the list. |
| Hide IID/Show ID | Hide or show your caller ID for the next call. |
| Send Message | Open a new text message with the number <br> in the To field. |
| Add Digits | Add digits after the number. |
| Attach Number | Attach a number from the phonebook or <br> recent calls lists. |

- the missed call indicator $\bar{\approx}$
- X Missed Calls, where $\mathbf{X}$ is the number of missed calls

|  | Press | To |
| :--- | :--- | :--- |
| $\mathbf{1}$ | VIEW $(\odot)$ | display the received calls list |
| $\mathbf{2}$ | ©. | select a call to return |
| 3 | $\boxed{6}$ | 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 jot down during a call, for later use. To retrieve the number stored in the notepad:

| Find the Feature To <br> Press call the number <br> or Crealls $>$ Notepad <br> or <br> or <br> $\square$ create a phonebook entry with the <br> number in the No. field <br> open the Dialling Menu to attach a  <br> number or insert a special character  |
| :--- | :--- |


| Putting a Call On Hold or Mute |  |
| :---: | :---: |
| Press | то |
| > Mold | put all active calls on hold |
| or |  |
| - $>$ Mute | mute all active calls |
| Using Call Waiting |  |
| When you are on a call, an alert tone sounds to indicate that you have received a second call. |  |
| Press | To |
| Q | answer the new call |
| 2 SWIICH ( $\odot^{\circ}$ ) | switch between calls |
| or |  |
| LINX (¢) | connect the 2 calls |
| or |  |
| $\square \gg$ End Call n Hold | end the call on hold |

If necessary, you must turn on call waiting to use the feature. To turn call waiting on or off:

Find the Feature
$\equiv>$ Settings $>$ In-Call Setup $>$ Call Waiting

## Using Caller ID (Incoming Calls)

継回
Calling line identification (caller ID) displays the phone number for incoming calls in your phone's external and internal displays.
The phone displays the caller's name (and picture ID, if available) when the name is stored in your phonebook, or Incoming Call when caller ID information is not available.
You can also set your phone to play a distinctive ringer ID and/or light ID for specific entries stored in your phonebook. For more information, see pag e85.

## 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.

|  | Press | To |
| :--- | :--- | :--- |
| $\mathbf{1}$ | keypad keys | dial the emergency number |
| 2 | $\square$ | call the emergency number |

## Dialling International Numbers

- If your phone service includes international dialling, press and hold $[0+1$ to insert the local international access code (+) for the country from which you are calling. (Inserting + enables your phone to make an international call.) Then press the keypad keys as usual to dial the country code and phone number.

Calling Features - 77

## Receiving a Voicemail Message

When you receive a voicemail message, your phone displays the voicemail message indicator $\square^{i}$ and the New VoiceMail notification.

| Press | To |
| :--- | :--- |
| CALL $(\bullet)$ | listen to the message |

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

## Storing Your Voicemail Number

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

| Find the Feature | $\begin{aligned} & \equiv>\text { Messages } \\ & \equiv \gg \text { VoiceMail Setup } \end{aligned}$ |
| :---: | :---: |
| Press | To |
| 1 keypad keys | enter your voicemail number |
| 2 OK ( ${ }^{\circ}$ ) | store the number |

Note: You cannot store ap (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. For more information about these characters, see the More Here guide.

## 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 $\quad \equiv>$ Settings $>$ Phone Status $>$ Active Line

The active line indicator in the display shows the current active phone line (see page 42).

## 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 on your phone．Phonebook
Recent Calls
Received Calls
Dialled Calls
Notepad
Call Times
Call Cost
Data Times
Data VolumesMessages
New Message
Email Msgs
Email Msgs
Message Inbox
Message Inbox
Voicemail
Browser Msgs
Info Services
Quick Notes
Quick
Outbox
Drafts
MMS Templates
2880 Office Tools
SIM Apps
Calculator
Datebook
Shortcuts
Voice Dial
Voice Records
Alarm Clock
Dialling Services
：Fixed Dial
：Service Dial
Chat

Phone Features

## Settings Menu

閸 Personalise
－Home Screen
Main Menu
Colour Style
Greeting
Wallpaper
Screen Saver
Quick Dial
Kis Ring Styles
－ $\begin{aligned} & \text { Style } \\ & \text { Style Detail } \\ & \text { Ring Lights }\end{aligned}$
－Ring Lights
Connection
bluetooth Link Sync
B $\Rightarrow$ Call Divert
Voice Calls
Fax Calls
Data Calls
Cancel All
Bif In－Call Setup
，In－Call Timer $\begin{aligned} & \text { Call Cost Setup } \\ & \text { My Caller ID } \\ & \text { Talk and Fax } \\ & \text { Answer Options } \\ & \text { Call Waiting }\end{aligned}$
［3i）Initial Setup


## P畳 Phone Status

My Tel．Numbers
Credit Info／Available
Active Line
－Battery Meter
® Headset
－Auto Answe
Car Settings
Auto Answer
Auto Handsfree
Power－Off Dela Charger Time
Network
，New Network Network Setup Available Network
My Network Lis －Call Drop Tone
同 Security
－Phone Lock
Lock Application
Fixed Dial Call Barring SIM PIN －New Passwords

## Feature Quick Reference

This section helps you locate and use additional phone features that are not described in this guide．

## Calling Features

| Feature | Description |  |
| :---: | :---: | :---: |
| Conference Call | During a call： <br> Dial next number，press $\boxed{6}$ ，press LININ（ $\cdot \stackrel{\rightharpoonup}{\circ}$ ）． | $\underbrace{n}$ |
| Transfer a Call | During a call： <br> $\square>$ Iransfer，dial transfer number，press 0 ． | $\sum_{i}^{n}$ |
| Caller ID （Outgoing） | Hide or show your caller ID phone number for the next outgoing call： <br> $\square>$ Settings $>$ In－Call Setup <br> ＞My Caller ID．＞Next Call Only <br> $>$ Hild ID or Show ID | $\mathbb{N}^{n}$ |
| Attach a Phone Number | Dial an area code or prefix for a phonebook number，then： $\square>$ Attach Number | 囲 |
| Speed Dial | Speed dial and call a phonebook entry： <br> Enter speed dial number，press press $\frac{1}{6}$ ． | $\underbrace{n}$ |
| Call Diverting | Set up or cancel call diverting： <br> $\bar{\square}>$ Settings $>$ Call Divert | $0$ |


| Feature | Description |  |
| :---: | :---: | :---: |
| Call Barring | Restrict outgoing or incoming calls: <br> $\square>$ Settings $>$ Seurity <br> $>$ Call Barring | $\frac{n}{n}$ |

Messages

| Feature | Description |  |
| :---: | :---: | :---: |
| Send Text Message | $\begin{aligned} & \text { Send a text message: } \\ & \equiv \equiv \text { Messages > New Message } \\ & >\text { New Short Message } \end{aligned}$ |  |
| Send Multimedia Message | Send a multimedia message: $\square>$ Messages > New Message > New Multimedia Msy |  |
| Send Letter | Send a multimedia letter: $\square>$ Messages > New Message > New Letter |  |
| Use MMS Template | Open an MMS template with preloaded media: <br> $\equiv$ > Messages > MMS Templates |  |
| Read New Message | Read a new text or multimedia message that you have received: Press READ $(\bullet)$ when the New Message notification is displayed. |  |
| Received Messages | Read received messages: <br> $\square>$ Messages > Message Inbox <br> Tip: Press $\square$ to perform various operations on the message. |  |


| Feature | Description |
| :--- | :--- | :--- |
| Store Message <br> Objects | Go to a multimedia message page, <br> or highlight an object in a letter, <br> then: <br> $\square \bar{\Xi}>$ store |

Phonebook

| Feature | Description |
| :---: | :---: |
| Add New Entry | Add a new entry to the phonebook: <br> $\square>$ Phonebook <br> $\square>$ New $>$ Phone Number or Email Address |
| Dial Number | Call a number stored in the phonebook: $\equiv>$ Phonebook, highlight the phonebook entry, press 6 to call |
| Voice Dial Number | Voice dial a number stored in the phonebook: Press and release the voice key, and say the entry's name (within 2 seconds). |
| Set Ringer ID for Entry | Assign a distinctive ringer alert to a phonebook entry: <br> $\equiv>$ Phonebook > entry <br> $\sum>$ Edilit > Ringer II > ringer name <br> Note: The Ringer ID option is not available for entries stored on the SIM card. |
| Set Picture ID for Entry | Assign a photo or picture to a phonebook entry: <br> $\square \gg$ Phonebook > entry <br> $\Xi>$ Editit > Picture > picture name <br> Note: The Picture option is not available for entries stored on the SIM card. |


| Feature | Description |
| :---: | :---: |
| Copy Phonebook Entry | Copy a phonebook entry between the phone and SIM card: <br> $\equiv>$ Phonebook, highlight the entry, press <br> $\square>$ Copy $>$ Entries $>$ To |
| Send Phonebook Entry to Another Device | Send a phonebook entry to another phone, computer, or device: <br> $\equiv>$ Phonebook, highlight the entry, press $>$ Send |
| Create Group Mailing List | Create a group mailing list as a phonebook entry: <br> $>$ Phonebook <br> > New > Mailing List |

## Personalising Features

| Feature | Description |
| :---: | :---: |
| Ringer IDs | Activate distinctive ring alerts assigned to phonebook entries: $\begin{aligned} & \begin{array}{l} \bar{Y}>\text { Settings }>\text { Ring Styles }>\text { Style Detail } \\ >\text { Ringer IDs } \end{array} \\ & \hline \end{aligned}$ |
| Ring Volume | Set ringer volume: <br> $\equiv>$ Settings $>$ Ring Styles > Style Detail <br> $>$ Ring Volume |
| Keypad Volume | $\begin{aligned} & \text { Set keypad keypress volume: } \\ & \bar{\Xi}>\text { Sestings }>\text { Ring Styles > Style Detail } \\ & >\text { Key Volume } \end{aligned}$ |
| Reminders | Set reminder alerts for messages that you receive: $\begin{aligned} & \underset{\square}{\square>}>\text { Settings > Ring Styles > Style Detail } \\ & >\text { Reminiders } \end{aligned}$ |


| Feature | Description |
| :---: | :---: |
| Clock View | Display an analogue clock or digital time readout in the home screen: <br> $\square$ > Settings > Personalise > Home Screen $>$ Clock |
| Menu View | Display the main menu as graphic icons or as a text-based list: <br> $\equiv>$ Settings $>$ Personalise $>$ Main Menu $>$ View |
| Main Menu | Reorder your phone's main menu: <br> $\square>$ Settings $>$ Personalise $>$ Main Menu <br> $>$ Reorder |
| Show or Hide Menu Icons | Show or hide menu feature icons in the home screen: <br> $\square>$ Settings > Personalise > Home Screen $>$ Home Keys $>$ leons |
| Change Menu Icons \& Home Keys | Change menu feature icons, soft key labels, and smart key access in the home screen: $\square>$ Settings $>$ Personalise > Home Screen $>$ Home Keys |
| Shortcuts | Create a shortcut to a menu item: <br> Highlight the menu item, then press and hold ㅋ. <br> Select a shortcut: <br> $\square>$ Office Tools > Shortults > shortcut name |

## Instant Messaging

| Feature | Description |
| :--- | :--- |
| Log In | Log in to instant messaging: <br> $\square \bar{Y}>\operatorname{IM}>\log \operatorname{In}$ |

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| Feature | Description |  |
| :---: | :---: | :---: |
| End Chat | During a chat session: $\square>$ End Chat |  |

Email

| Feature | Description |  |
| :---: | :---: | :---: |
| Send Email Message | Send an email message: <br> $\square>$ Messages > New Message <br> $>$ New Email | ${\underset{\sim}{7}}_{n}^{n}$ |
| Read Email Message | Read a new email message that you have received: <br> Press READ ( $\odot$ ). | $\sum_{i n}^{n}$ |

## Menu Features

| Feature | Description |
| :---: | :---: |
| Language | Set the display and menu language: $\square>$ Settings $>$ Initial Setup > Lanquage |
| Master Reset | Reset all options except unlock code, security code, and lifetime timer: <br> $\square>$ Settings $>$ Initial Setup $>$ Master Reset |

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| Feature | Description |  |
| :--- | :--- | :--- |
| Find Others <br> Online | After you sign on: <br> Select Contact List to see a list of <br> other users. | R |

## Chat

| Feature | Description |  |
| :---: | :---: | :---: |
| Start Chat | Start a new chat session: | $i^{n}$ |
| Receive Chat Request | When you receive a chat request: Press Accept $(\bullet)$ or IGNORE $(\odot)$. |  |


| Feature | Description |
| :---: | :---: |
| Master Clear | Clear all of your settings and entries except SIM card information, erase all downloaded pictures and sound files, reset all options except unlock code, security code, and lifetime timer: <br> $\equiv>$ Settings $>$ Initial Setup $>$ Master Clear <br> Caution: Master clear erases all of your entered information (including phonebook and datebook entries) and all of your downloaded content (including photos and sounds) stored in phone memory. After you erase the information, you cannot recover it. |

## Special Dialling Features

| Feature | Description |  |
| :---: | :---: | :---: |
| Fixed Dial | Turn fixed dialling on or off: $\square>$ Settings $>$ Segurity > Fixed Dial Use the fixed dial list: <br> $\square>$ Office Tools > Dialling Services $>$ Fixed Dial |  |
| Service Dial | Dial service phone numbers stored on your SIM card: <br> $\square>$ Office Tools > Dialling Services $>$ Service Dial | ${\underset{n}{n}}^{n}$ |
| Quick Dial | Dial preprogrammed phone numbers: <br> $\square>$ Office Tools > Dialling Services <br> $>$ Quick Dial |  |


| Feature | Description |
| :---: | :---: |
| DTMF Tones | Activate DTMF tones: <br> $\equiv \gg$ Settings $>$ Initial Setup $>$ DTMF |
|  | Send DTMF tones during a call: Press number keys. |
|  | Send stored numbers as DTMF tones during a call: <br> Highlight a number in the phonebook or recent calls lists, then press |

## 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 国. 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 |
| :--- | :--- |
| Call Times | View call timers: <br> $\square \Xi ~$ <br> $\square$ |
| Incent Calls $>$ Call Times |  |

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

## Data and Fax Calls

| Feature | Description |  |
| :---: | :---: | :---: |
| Send Data or Fax | Connect your phone to the device, then place the call through the device application. |  |
| $\begin{aligned} & \text { Receive Data or } \\ & \text { Fax } \end{aligned}$ | Connect your phone to the device, then answer the call through the device application. |  |
| Talk Then Fax | Connect your phone to the device, enter the number, press $\square$ $>$ Dialling Menu > Talk Then Fax, then press 8 to make the call. |  |

## Bluetooth ${ }^{\circledR}$ Wireless Connections

| Feature | Description |  |
| :---: | :---: | :---: |
| Make Phone Visible to Other Device | Allow a Bluetooth device to discover your phone: <br> $\equiv>$ Settings $>$ Connection <br> $>$ Bluetooth Link $>$ Setup $>$ Find Me |  |


| Feature | Description |
| :---: | :---: |
| Call Cost | View call cost trackers: <br> $\square \gg$ Recent Calls > Call Cost |

## Handsfree Features

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

| Feature | Description |  |
| :---: | :---: | :---: |
| Speakerphone | Activate a connected external speakerphone during a call: Press SPEAKER ( $\bullet$ ) (if available) or $\square \gg$ Spkrphone On. |  |
| Auto Answer (car kit or headset) | Automatically answer calls when connected to a car kit or headset: $\equiv>$ Settings $>$ Car Settings or Headset > Auto Answer |  |
| Voice Dial (headset) | Enable voice dial with headset send/end key: $\overline{\underline{\Xi}}>\text { Settings }>\text { Headset > Voice Dial }$ |  |
| Auto Handsfree (car kit) | Automatically route calls to a car kit when connected: <br> $\square>$ Settings > Car Settings <br> $>$ Auto Handsfree |  |
| Power-Off Delay (car kit) | Set the phone to stay on for a specified time after the ignition is switched off: <br> $\square>$ Settings > Car Settings <br> $>$ Power-Off Delay |  |

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| Feature | Description |
| :---: | :---: |
| Connect to Recognised Device | Connect to a recognised handsfree device: <br> $\equiv>$ Settings > Connection <br> $>$ Bluetooth Link > Handsfree <br> > device name |
| Disconnect From Device | Disconnect from a device: Highlight the device name and press $\operatorname{DROP}(\%)$. |
| Switch to Device During Call | Switch to a headset or car kit during a call: <br> $>$ Use Bluetooth |
| Send Multimedia Object to Device | Send a multimedia object to another device: <br> Highlight the object, press $\equiv>$ Copy, select the device name. |
| Move Multimedia Object to Device | Move a multimedia object to another device: <br> Highlight the object, press $\square>$ Move, select the device name. <br> Caution: Moving an object deletes the original object from your phone. |
| Send Data to Another Device | Copy a phonebook entry, datebook event, or bookmark to another device: <br> Highlight the item, press $\equiv \gg \text { Send. }$ |


| Feature | Description |  |
| :---: | :---: | :---: |
| Edit Device Properties | Edit the properties of a recognised device: <br> Highlight the device name and press $\geqq \gg$ Edit. |  |
| Set Bluetooth Options | Set your phone's Bluetooth options: <br> $\square$ > Settings > Conneetion <br> > Bluetooth Link > Setup |  |

## Network Features

| Feature | Description |  |
| :---: | :---: | :---: |
| Network Settings | View network information and adjust network settings: <br> $\equiv$ — $>$ Settings $>$ Network | ${\underset{i n}{n}}_{n}^{n}$ |

## Personal Organiser Features

| Feature | Description |
| :---: | :---: |
| Set Alarm | Set an alarm: <br> $\square>$ Office Tools > Alarm Clock |
| Turn Off Alarm | Turn off alarm: <br> Press disabie $\left({ }^{\circ}\right)$ or ${ }^{\circ}$ <br> Set 8-minute delay: <br> Press snooze ( $\cdot$ ) |
| Add New Datebook Event | Add a new event to the datebook: $\equiv>$ Office Tools > Datebook, highlight the day, press $\odot$, press $\square>$ New |

## Security

| Feature | Description |
| :---: | :---: |
| SIM PIN | Lock or unlock the SIM card: <br> > Settings > Security > SIM PIN <br> Caution: If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays SIM Blocked. |
| Lock Application | Lock phone applications: <br> > Settings > Security > Lock Application |
| Certificate Management | Enable or disable security certificates stored on your phone: <br> $\equiv$ > Settings > Security > Certificate Mgmt |

## News and Entertainment

| Feature | Description |
| :---: | :---: |
| Manage Video Clips | Manage video clips: $\square \gg$ Multimedia $>$ Videos |
| Manage Pictures | Manage photos, pictures, and animations: <br> $\square$ > Multimedila > Pictures |
| Manage Sounds | Manage ring tones and music that you have downloaded or composed: <br> $\square>$ Multimedia > Sounds |
| Edit Sounds With MotoMixer | Edit MIDI-based sound files that you can use with your phone: <br> $\square \gg$ Multimedia $>$ MotoMixer > [New Mix] or mix file name |


| Feature | Description |
| :---: | :---: |
| View Datebook Event | View or edit event details: $\square>$ Office Tools > Datebook, highlight the day, press $\odot$, press VIEW $(\odot)$ |
| Event Reminder | View an event reminder: VIIEW ( $\odot$ ) <br> Dismiss an event reminder: $\text { EXIT }(\cdot)$ |
| Copy Datebook Event to Another Device | Send a datebook event to another phone, computer, or device: <br> $\square>$ Office Tools > Datebook, highlight the day, press $\odot$, highlight the event, press $\stackrel{\square}{\boldsymbol{\xi}}>$ Send |
| Create Voice Record | Create a voice record: Press and hold voice key, speak into the phone, release voice key. <br> Note: Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations. |
| Play Voice Record | Play back a voice record: $\square>$ Office Tools > Voice Records > voice record |
| Calculator | Calculate numbers: $\equiv \gg$ Office Tools > Calculator |
| Currency Converter | Convert currency: <br> $\square>$ Office Tools > Calculator <br> $\square>$ Exchange Rate <br> Enter exchange rate, press ok ( $\bullet^{\bullet}$ ), enter amount, press $\equiv>$ Convert Currency. |


| Feature | Description |
| :---: | :---: |
| Create Playlist | Create a playlist of songs to play on your phone: <br> $\equiv$ > Multimedia > Sounds > [New Playlist] |
| Create Ring Tones | Create ring tones that you can use with your phone: <br> $\square>$ Multimedia > Sounds > [New iMelody] |

## Specific Absorption Rate Data

## This model phone meets international standards for exposure to radio waves

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.
The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your phone model, the SAR limit is 2.0 W/kg. ${ }^{1}$ Tests for SAR are conducted in accordance with CENELEC ${ }^{2}$ 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: $0.65 \mathrm{~W} / \mathrm{kg}{ }^{3}{ }^{3}$

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

[^0]
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[^0]:    1 The SAR limit recom mended 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.

