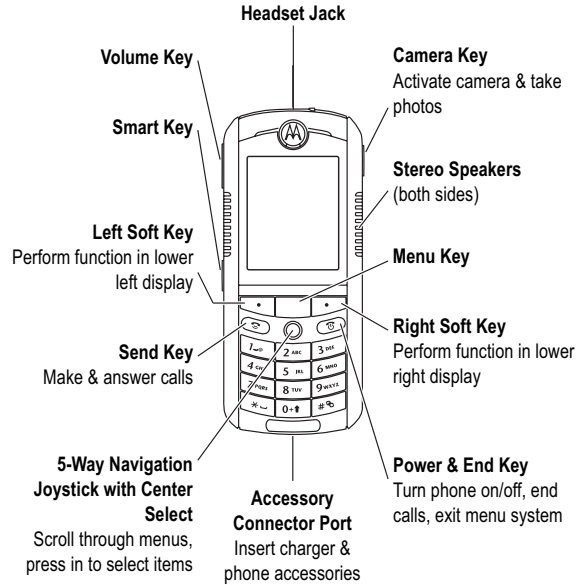


Welcome

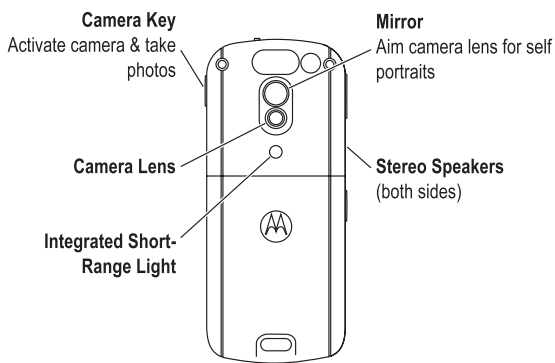
Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola E398 series GSM wireless phone.



Note: Your phone may not appear exactly as shown above. All key locations, sequences, and functions remain the same regardless of your phone's appearance.

Welcome - 1

Check It Out!



Feature	Description
Use Memory Card	Set the memory location you want to use to store and retrieve files: Go to a multimedia menu (such as Pictures or Sounds), then press [Menu] > Switch Storage Device > <i>device name</i> .
Play Music	Play a song on your phone: [Menu] > Multimedia > Sounds > <i>song name</i>
Create Playlist	Create a playlist of songs to play on your phone: [Menu] > Multimedia > Sounds > [New Playlist]

Feature	Description
Rhythm Lights	Activate rhythm lights to flash in sync with the sounds around you: [Menu] > Settings > Personalise > Rhythm Lights
Ring Lights	Choose ring lights for incoming calls: [Menu] > Settings > Ring Styles > Ring Lights > <i>light pattern</i>
Wireless Connection	Set up a Bluetooth® wireless connection to a headset accessory, car kit, or external device: [Menu] > Settings > Connection > Bluetooth Link > Handsfree > [Look For Devices]
Take Photo (With Light)	Press the camera key to activate the camera. Press [Menu] > Light > On to activate the camera light. Point lens at subject, then press the camera key to take a photo.
Send Photo	Send a photo to a phone number or email address: Press STORE (Save) > Send In Message .
Phone Skin	Apply a different skin to the phone display: [Menu] > Settings > Personalise > Skin > <i>skin</i>
Send Multimedia Message	Send a multimedia message with pictures, animations, sounds, and videos: [Menu] > Messages > Create Message > New Multimedia Msg
Play Video Clip	Play a video clip: [Menu] > Multimedia > Videos > <i>video clip</i>

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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>.

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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.

Facilities

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

Aircraft

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

Medical Devices

Pacemakers

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

Persons with pacemakers should:

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

Hearing Aids

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

Other Medical Devices

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

Phone Operation

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

Body-Worn Operation

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

Data Operation

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

Approved Accessories

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

RF Energy Interference/Compatibility

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

Use While Driving

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

When using your phone while driving, please:

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

Operational Warnings

For Vehicles With an Air Bag

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

Potentially Explosive Atmospheres

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

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






Blasting Caps and Areas

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

Batteries

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

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

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

Seizures/Blackouts

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

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

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

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

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

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

Repetitive Motion Injuries

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

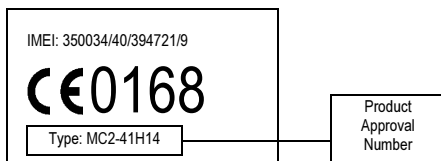
- Take a minimum 15-minute break every hour of game playing.
- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.
- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

European Union Directives Conformance Statement

Hereby, Motorola declares that this product is in compliance with



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



The above gives an example of a typical Product Approval Number.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (the R&TTE Directive) at www.motorola.com/rte - to find your DoC, enter the product Approval Number from your product's label in the "Search" bar on the Web site

Getting Started

About This Guide

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

Optional Features



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

Optional Accessories

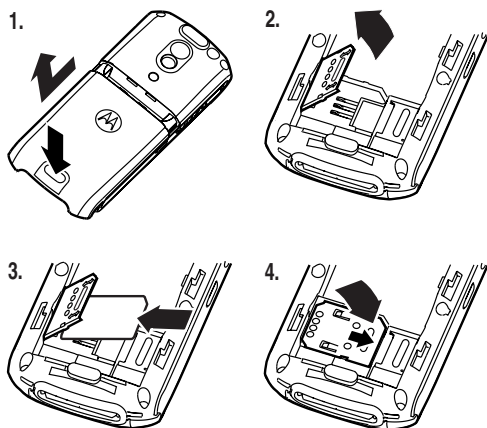


This label identifies a feature that requires an optional Motorola Original™ accessory.

Installing the SIM Card

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

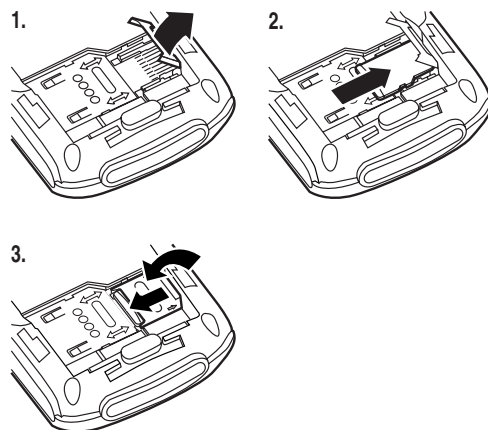
Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.



Installing a Memory Card

You can install a removable memory card in your phone. You can store additional multimedia objects (such as photos and sounds) on the memory card.

Caution: Do not bend or scratch your memory card. Avoid exposing your memory 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; and your voice, data, and other application usage patterns.

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

To maximise your battery's performance:

- Always use Motorola Original batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.
- New batteries or batteries that have been stored for a long time may require a longer charge time.
- Maintain the battery at or near room temperature when charging.
- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.
- Batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to purchase a new battery.



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

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

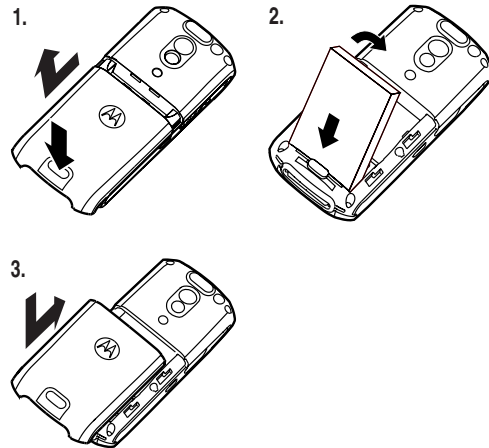
Installing the Battery



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

Notes:

- Your phone battery may be enclosed in a protective clear plastic case. Remove the battery from the case before attempting to install it.
- 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.

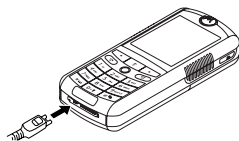


Charging the Battery

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.



Note: It may take up to 10 seconds for your phone to provide a visible or audible indication that the battery is charging.

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

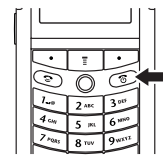
Tip: You can safely leave the travel charger connected to the phone after charging is complete. This will **not** damage the battery.

Turning Your Phone On

Action

- 1 Press and hold (power key) 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.



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

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

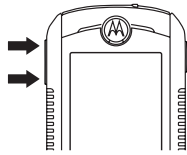
- 3 If necessary, enter your 4-digit unlock code and press **OK** () to unlock the phone.

Note: At startup, you are prompted to personalise your phone. Select **YES** () to set personal phone options, or **NO** () to go to the idle display. For more information about personalising your phone, see page 82.

Adjusting Volume

Press the volume key up or down to:

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



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

Note: You must dial the phone number from the home screen (see page 35).

Answering a Call

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

Press	To
1 or ANSWER ()	answer the call

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

Locking and Unlocking the Keypad

You can lock your phone keypad to prevent accidental keypresses (for example, when carrying your phone in a purse or pocket).

Press	To
	lock or unlock your keypad

Select > Settings > Security > Lock Keypad to view instructions on how to lock/unlock the keypad.

Note: Incoming calls and messages unlock the keypad.

Highlight Features

You can do much more with your phone than make and receive calls!

Using a Removable Memory Card

You can use an optional memory card or other storage device with your phone to store and retrieve multimedia objects (such as photos and sounds). To install a memory card, see page 17.

To view and manage an installed memory card:

Find the Feature	To
	Press
	To
1	scroll to the memory card
	Note: Phone memory is always listed last.
2	view memory card information
	or
	open the Storage Device menu to perform other procedures

The **Storage Device** menu can include the following options:

Option	Description
Format	Format the memory card.
Rename	Rename the memory card.

Press	To
8	store the playlist

To listen to a playlist:

Find the Feature **To**
Press **To**
1 scroll to the playlist

Activating Rhythm Lights

Rhythm lights make your phone's display and keys flash in synchronisation with music or sounds around you.

Find the Feature **To**
Press **To**
1 scroll to the Rhythm Lights menu

You can adjust the following options:

Option	Description
Pattern	Choose a light pattern to activate rhythm lights, or turn the lights Off .
Timer	Set the number of minutes rhythm lights stay active (up to 10 minutes).
Sensitivity	Set how loud the music has to be before rhythm lights respond. Values range from 1 (most sensitive) to 7 (least sensitive).

Notes:

- Rhythm lights work only when your phone is idle and your battery is not low. Rhythm lights pause if you press a key or receive a call or message.
- Your phone also can flash for incoming calls and messages (see following sections).
- Some games might make your phone flash and vibrate.

When a memory card is installed on your phone, the phone prompts you to select a storage device when you download or store a multimedia object.

To view the contents of a memory card, go to the multimedia menu for a specific object type (such as **Pictures** or **Sounds**), then press **Switch Storage Device** > *device name*.

Creating a Music Playlist

You can download and play a variety of different types of ring tones and music on your phone. You can store these sound files in phone memory, or on a memory card.

Tip: To see the sound files stored on a memory card, go to the **Sounds** menu, then press **Switch Storage Device** > *device name*.

You can create a playlist of selected songs that play in the order you specify. Playlists you create are stored in the **Sounds** menu.

To create a playlist:

Find the Feature	To
	Press
	To
1	select Name
2	enter a name for the playlist
3	store the name
4	select Audio Files
5	scroll to a song
6	add the song to the playlist
	Repeat steps 5 and 6 to add more songs to the playlist
7	store the selected songs

Setting Ring Lights

Set up your phone to display a light pattern when you receive an incoming call. The same light pattern displays for all incoming calls.

Find the Feature **To**
Press **To**
1 scroll to the Ring Lights menu

To display a distinctive light pattern for calls from a specific phonebook category, use the light ID feature described on page 81.

Setting Up a Bluetooth® Wireless Connection

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.

Searching for Other Devices

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

Find the Feature **To**
Press **To**
1 scroll to the Bluetooth Link > Handsfree > Look For Devices menu

Your phone displays 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 or a **Bluetooth Connected** message displays in the home screen.

Copying Objects to Another Device

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

Copying a Multimedia Object

Highlight the object on your phone that you want to copy to the other device, then press **[F]** > **Copy**.

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

Copying a Phonebook Entry, Datebook Event, or Bookmark

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

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

Taking and Sending a Photo

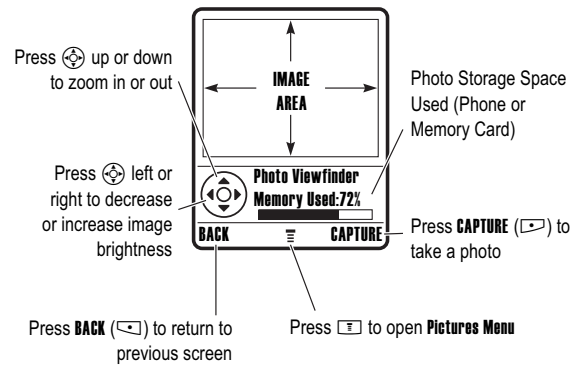
Shortcut: Press the camera key to activate the camera. Press the camera key again to take a photo.

To activate your phone's camera using the menu system:

Find the Feature **[F]** > **Multimedia** > **Camera**

Tip: When you want to take photos in low-light settings, press **[F]** > **Light** > **On** to activate the built-in camera light.

The active viewfinder image appears on your display.



Point the camera lens at the photo subject, then:

Press	To
1 CAPTURE ([C])	take a photo
2 STORE ([S])	view storage options
or	
DISCARD ([D])	delete the photo and return to active viewfinder
	If you choose to store the photo, continue to step 4.
3 [C]	scroll to Send in Message , Store Only , Apply as Wallpaper , Apply as Screen Saver , or Apply as Phonebook Entry

Press	To
4 SELECT ([S])	perform the storage option

Press **[F]** to open the **Pictures Menu** when the camera is active. The **Pictures Menu** can include the following options:

Option	Description
Go To Pictures	View pictures and photos stored on your phone.
Auto-Timed Capture	Set a timer for the camera to take a photo.
Delete All	Delete all pictures.
Pictures Setup	Open the setup menu to adjust picture settings.
Switch Storage Device	Save the photo in phone memory or on a memory card.
View Free Space	See how much memory remains for storing pictures.
Light	Activate the camera light for photos taken in low-light settings.

Changing Phone Skin

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

Find the Feature **[F]** > **Settings** > **Personalise** > **Skin** > **skin**

Your phone displays the new skin. Press **BACK** (**[B]**) to return to the previous skin.

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, voice records, and/or video clips).

You can send the multimedia message to other wireless phone users, and to email addresses.

Find the Feature **[F]** > **Messages** > **Create Message** > **New Multimedia Msg**

Press	To
1 keypad keys	enter slide text
2 [F]	open the MMS Menu
3 [C]	scroll to Insert
4 SELECT ([S])	display a list of items you can insert
5 [C]	scroll to Picture , Voice Record , Sound , Video , New Page , Quick Note , or Contact Info
6 SELECT ([S])	select the file type
7 [C]	highlight the file you want
8 SELECT ([S])	insert the file
	To add another slide to the message, continue to step 9.
	To send the message, go to step 14.
9 [F]	open the MMS Menu to insert a new slide
10 [C]	scroll to Insert
11 SELECT ([S])	display a list of items you can insert

Press	To
12	scroll to New Page
13 SELECT ()	insert a new slide after the current slide Repeat steps 1 to 8 to enter contents for the new slide.
14 OK ()	store the message
15	scroll to a Send To option: Highlight (One Time Entry) to enter one or more phone numbers and/or email addresses. Highlight (New Phonebook Entry) to enter a number/address and add it to the phonebook. Or highlight an existing phonebook entry.
16 SELECT ()	select (One Time Entry) or (New Phonebook Entry)
or	
ADD ()	add a phonebook entry to the list of recipients
17 DONE ()	store the numbers/addresses
18	scroll to Subject
19 CHANGE ()	select Subject
20 keypad keys	enter the subject
21 OK ()	store the subject



Press	To
22 CHANGE ()	select Attachments to attach a file to the message, if desired
23	scroll to Picture, Voice Record, Sound, or Video
24 SELECT ()	select the file type
25	highlight the file you want
26 SELECT ()	attach the file
27 BACK ()	return to the message editor
28	scroll to Receipt to request a receipt, if desired
29 CHANGE ()	select Receipt
30 ADD () or REMOVE ()	activate/deactivate the delivery report
31 DONE ()	return to the message editor
32 SEND ()	send the message
or	
	view message details, save the message in the drafts folder, or cancel the message

Playing Video Clips

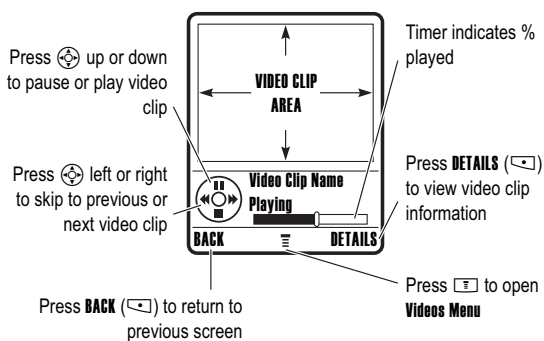
You can download and play video clips on your phone. You can store these video clips in phone memory, or on a memory card.

Tip: To see the video clips stored on a memory card, go to the **Videos** menu, then press > **Switch Storage Device** > *device name*.

To play a video clip:

Find the Feature > **Multimedia** > **Videos** > *video clip*

The video clip displays in the video clip playback screen:

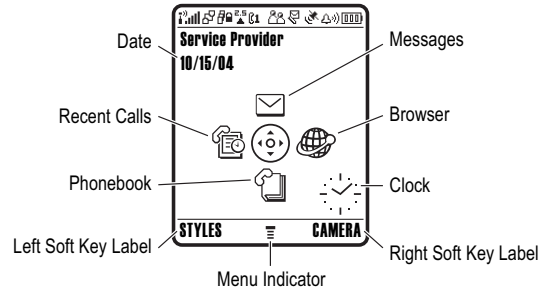


Learning to Use Your Phone

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 joystick (⬆️) up, down, left, or right to select a menu feature icon. If you select a menu icon by mistake, press ⬅️ to return to the home screen.

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

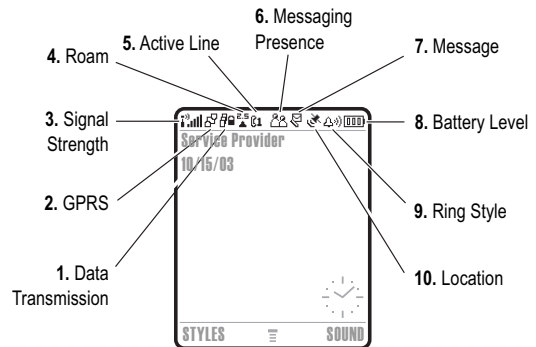
Labels at the bottom corners of the display show the current soft key functions. Press the left soft key (⏺) or right soft key (⏺) to perform the indicated function.

Learning to Use Your Phone - 35

Notes:

- Your home screen may appear different than shown. For example, your service provider may hide the menu feature icons to allow a better view of the wallpaper image. You can still select the menu icons when they are hidden from view. To show or hide menu icons, see page 83.
- Your phone can display an analog or digital clock in the home screen (see page 83).
- 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 period of time. The backlight turns back on when you press any key. To set the time that the backlight stays on, see page 62.
- To extend battery life, you can set the display to turn off after a period of inactivity. The display turns back on when you press any key. To set the time that the display stays on, see page 63.

The following status indicators can display:



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 |
| 📶 = Bluetooth® connection | |

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:

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



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

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



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

- = IM active
- = available for IM
- = busy
- = invisible to IM
- = available for phone calls
- = offline

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



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

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

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

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

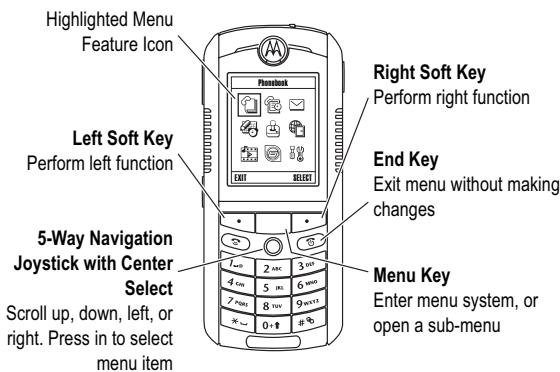
Using the 5-Way Navigation Joystick

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



Using Menus

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



Press to scroll to and highlight a menu feature icon in the main menu. 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
	Messages		Office Tools
	Games & Apps		Web Access
	Multimedia		IM
	Settings		Chat

Selecting a Menu Feature

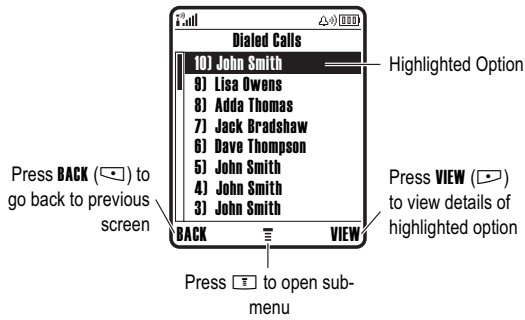
This guide shows you how to select a menu feature, starting from the home screen.

Find the Feature > Recent Calls > Dialed Calls

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

Selecting a Feature Option

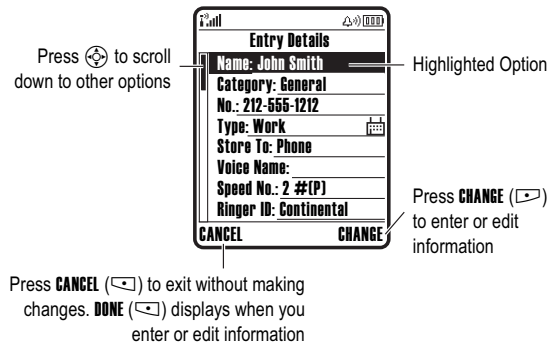
Some features require you to select an option from a list:



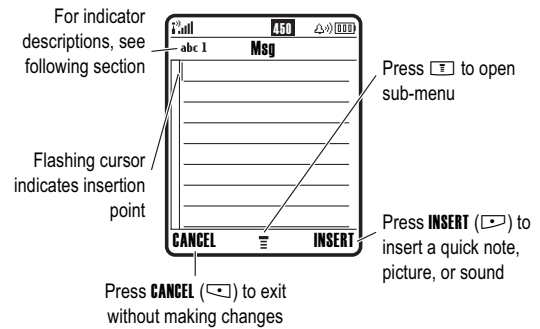
- Press to scroll up or down to highlight the option you want.
- In a numbered list, press a number key to highlight the option.
- In an alphabetised list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list option.
- When an option has a list of possible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



The message center lets you compose and send text messages.



Choosing a Text Entry Mode

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

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

- Primary** The primary text entry mode (see below to set).
- Numeric** Enter numbers only (see page 50).
- Symbol** Enter symbols only (see page 51).
- Secondary** The secondary text entry mode (see below to set).

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

Setting Up a Text Entry Mode

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

- iTAP** Use iTAP® mode to let the phone predict each word as you press keys (see page 49).
- Tap** Enter letters and numbers by pressing a key one or more times.
- Tap Extended** Enter letters, numbers, and symbols by pressing a key one or more times.
- None** Hide the **Secondary** setting (only available for **Secondary Setup**).

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	

Text Entry Mode Indicators

When you select the **Primary** or **Secondary** text entry mode, indicators at the top of the display identify the text entry setting:

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

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

- 123 = numeric mode
- @ = symbol mode

Using Tap Mode

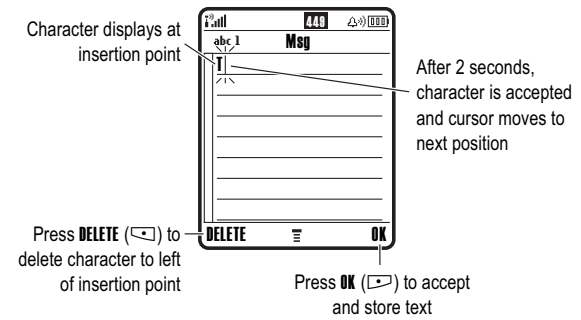
This is the standard mode for entering text on your phone.

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 page 48.

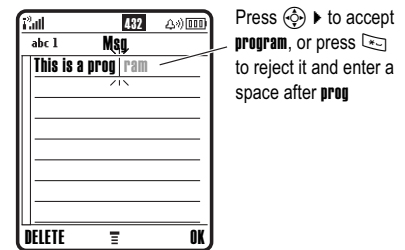
Press	To
1 a keypad key one or more times	select a letter, number, or symbol
2 keypad keys	enter remaining characters
3 OK (OK)	store the text

In a text entry screen, you can press **Tap Extended** to switch entry modes. An indicator shows which mode is active (see page 45). If **Tap** or **Tap Extended** is not available as the **Primary** or **Secondary** entry mode, see page 44.

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



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



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

Character Chart

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

1	. 1 ? ! , @ _ & ~ : ; " - () ' ÿ ÿ % £ \$ ¥ ¤ € + x * / \ [] = > < # §
2	a b c 2 ä å á à â ã α β ç
3	d e f 3 ð ë é è ê φ
4	g h i 4 ï î ï γ
5	j k l 5 λ
6	m n o 6 ñ ò ø ó ò ô õ ω
7	p q r s 7 π β σ
8	t u v 8 θ ü ú ù û
9	w x y z 9 ξ ψ
0-1	change text case, for capital letters
*	enter a space (hold to enter a return)
*	change text entry mode (hold for default)

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

Tap Mode Text Entry Rules

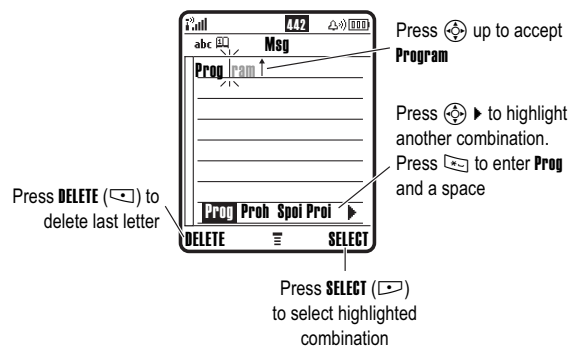
- Press a keypad key repeatedly to cycle through its characters.
- Press **Tap Extended** left or right to move the flashing cursor to the left or right in a text message.

- The first character of every sentence is capitalised. If necessary, press **Tap Extended** down to change 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 **Tap Extended** to exit without saving.

Using iTAP® Mode

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

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



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

Entering Words

In a text entry screen, you can press to switch entry modes. An indicator tells you which mode is active (see page 45). If **ITAP** mode is not available as the **Primary** or **Secondary** entry mode, see page 44.

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

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

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

Using Symbol Mode

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

Press	To
1 keypad keys (one press per symbol)	show possible symbol combinations at the bottom of the display
2 left or right	highlight the combination you want
3 SELECT ()	select the 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 mode.

	. ? ! , @ _ & ~ : ; " - () ' ` ; ; % £ \$ ¥ ■ ■
	@ _ \
	/ : ;
	" & '
	() [] { }
	¿ ¡ ~
	< > =

	\$ £ ¥ ■ ■
	# % *
	+ - 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, first shows common characters for that editor.

Deleting Letters and Words

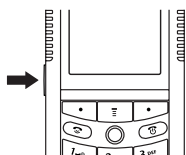
Place the cursor to the right of the text you want to delete, and then:

Action
Press DELETE () to delete one letter at a time.
Hold DELETE () 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 pushing in the 5-way navigation joystick () .



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.

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

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

Changing a Code, PIN, or Password

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

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

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

To change a code or password:

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

Locking and Unlocking Your Phone

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

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

You can make emergency calls on your phone even when it is locked (see page 66).

Locking Your Phone Manually

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

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

Unlocking Your Phone

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

At the **Enter Unlock Code** prompt:

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

Setting Your Phone to Lock Automatically

You can set your phone to lock every time you turn it off:

Find the Feature **[] > Settings > Security > Phone Lock > Automatic Lock > On**

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

If You Forget a Code, PIN, or Password

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

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

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

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

Using the Phonebook

This section describes basic phonebook operations. For more information about using the phonebook, see page 80.

Storing a Phone Number

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

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

Recording a Voice Name

When creating a phonebook entry, scroll to **Voice Name** and press **RECORD** (**[]**) to begin. When prompted, press **RECORD** (**[]**) and say the entry's name (within 2 seconds). When prompted, press **RECORD** (**[]**) 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**, highlight the phonebook entry, press **[]** to call.

Voice Dialling a Number

From the home screen, press and hold **[]** for 2 seconds, release, then say the entry's name (within 2 seconds).

Sorting Phonebook Entries

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

When sorting by name, you can view **All** numbers or just the **Primary** number for each name. To set the primary number for a name, see page 81.

Setting a Picture ID for a Phonebook Entry

Press **[] > Phonebook > entry**, press **[] > Edit > Picture > picture name**.

Also see pages 3 and 28.

Setting Picture ID View

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

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 81.

Setting Up Your Phone

Storing Your Name and Phone Number



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

Find the Feature

[] > **Settings** > **Phone Status**
> **My Tel. Numbers**

Shortcut: Press **[]** **[*]** from the home screen to 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 page 39).

To set a ring style:

Find the Feature

[] > **Settings** > **Ring Styles** > **Style**
> *style name*

To turn event lights on or off:

Find the Feature

[] > **Settings** > **Ring Styles**
> **Event Lights** > **On or Off**

Setting a Wallpaper Image

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

Tip: To see the picture files stored on a memory card, go to the **Pictures** menu, then press **[]** > **Switch Storage Device** > *device name*.

Find the Feature

[] > **Settings** > **Personalise** > **Wallpaper**

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

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

Activating Multi-Key Answer

The multi-key answer option lets you press any key to answer an incoming call.

Find the Feature

[] > **Settings** > **In-Call Setup**
> **Answer Options** > **Multi-Key**
> **On or Off**

Activating Vibe Sync

Some ring tones include vibrations. You can turn these vibrations on or off.

Find the Feature

[] > **Settings** > **Initial Setup** > **Vibe Sync**
> **On or Off**

This setting does not affect game vibrations.

Note: You might feel your phone vibrate a little when you bump or move it. This is natural movement from the vibration unit, and does not affect phone performance or durability.

Setting Event Lights

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

Press

7

To

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

Centre places the image in the centre of the display.

Tile fills the display with 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** ()

save wallpaper settings

Setting a Screen Saver Image

Set a photo, picture, or animation as a screen saver image. The screen saver image displays when no activity is detected for a specified time. If necessary, the image shrinks to fill the display. An animation repeats for one minute, then the first frame of the animation displays.

Tip: To see the picture files stored on a memory card, go to the **Pictures** menu, then press **[]** > **Switch Storage Device** > *device name*.

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

Find the Feature

[] > **Settings** > **Personalise** > **Screen Saver**

Press








1

To

scroll to **Picture**

2 **CHANGE** ()

open the picture viewer


Press	To
3  up or down	scroll to a picture/animation Scroll to (None) to turn off the screen saver image.
4 SELECT ()	select the image
5 	scroll to Delay
6 CHANGE ()	set the delay interval
7 	scroll to the inactivity interval that starts the screen saver
8 SELECT ()	select the inactivity interval
9 BACK ()	save screen saver settings

Setting Display Brightness

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

Adjusting the Backlight

Set the amount of time that the display backlight remains on.

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

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 period of time. The backlight turns back on when you press any key.*

Setting Display Timeout

To extend battery life, you can set the display to turn off when no activity is detected for a period of time.

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

Note: *The display turns back on when you press any key.*

Calling Features

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

Changing the Active Line



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

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

Find the Feature [☰] > Settings > Phone Status > Active Line

The active line indicator in the display shows the currently active phone line (see page 38).

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**.

Press	To
[☎] or RETRY [↵]	redial the number

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

Using Caller ID

Incoming Calls



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

The phone displays the caller's name (and picture 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 for specific entries stored in your phonebook. For more information, see page 80.

Outgoing Calls



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

Find the Feature [☰] > Settings > In-Call Setup > My Caller ID

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

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

Cancelling an Incoming Call

While the phone is ringing or vibrating:

Press	To
IGNORE [⏏]	cancel the incoming call



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

Turning Off a Call Alert

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

Press	To
either volume key	turn off the alert

Calling an Emergency Number

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

Note: Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all

locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

Press	To
1 keypad keys	dial the emergency number
2 [☎]	call the emergency number

Dialling International Numbers

Press and hold [0+] to insert the local international access code (+) for the country from which you are calling, then press the keypad keys as usual to dial the phone number.

Viewing Recent Calls





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

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

Find the Feature [☰] > Recent Calls


Press	To
1 [⌂]	scroll to Received Calls or Dialled Calls
2 SELECT [↵]	select the list
3 [⌂]	scroll to an entry

Note: ✓ means the call connected.

Press 4 	To call the entry's number Tip: Press and hold  for 2 seconds to send the number as DTMF tones during a call.
or VIEW ()	view entry details
or 	open the Last Calls Menu to perform various operations on the entry


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




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

Option	Description
Send Tones	Send the number to the network as DTMF tones. Note: This option displays only during a call.
Talk then Fax	Talk and then send a fax in the same call (see page 87). 

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

Using the Notepad


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

Find the Feature  > **Recent Calls** > **Notepad**

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



Attaching a Number

While dialling (with digits visible in the display):



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

Calling With Speed Dial

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

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

To speed dial a phonebook entry:

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

Calling With 1-Touch Dial

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

Tip: You must specify which phone number list you want to use with this feature: phone memory phonebook, or SIM card phonebook (see page 82).

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 a number.

Receiving a Voicemail Message

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

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

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

Storing Your Voicemail Number

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

Find the Feature > Messages
 > Voicemail Setup

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

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

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 SWITCH ()	switch between calls
or	
LINK ()	connect the 2 calls
or	
> End Call On Hold	end the call on hold

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

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

Putting a Call On Hold

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

Transferring a Call

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

Announce the Call Transfer

Find the Feature > **Hold**

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

Do Not Announce the Call Transfer

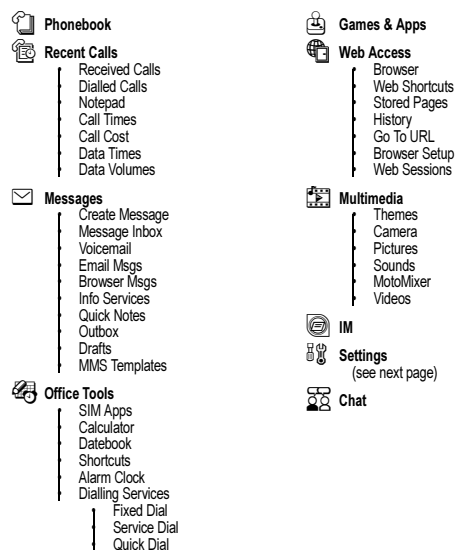
Find the Feature > **Transfer**

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

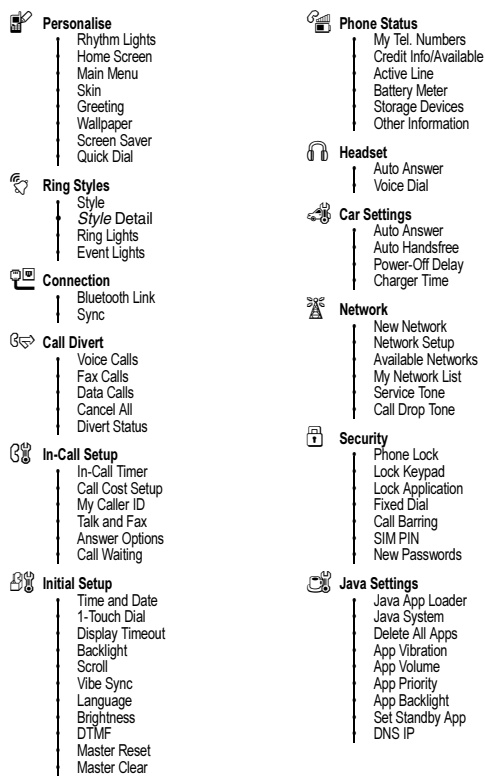
Phone Features

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.



Settings Menu



Feature Quick Reference

This section helps you locate features on your phone that are not described in this guide.

Calling Features

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

Messages

Feature	Description
Send Text Message	Send a text message: [E] > Messages > Create Message > New Short Message
Send Multimedia Message	Send a multimedia message: [E] > Messages > Create Message > New Multimedia Msg
Send Letter	Send a multimedia letter: [E] > Messages > Create Message > New Letter

Feature	Description
Use MMS Template	Open an MMS template with preloaded media: [F] > Messages > Create Message > MMS Templates
Read Message	Read a new text or multimedia message that you have received: Press READ (⏏).
Store Message Objects	Go to a multimedia message slide, or highlight an object in a letter, then: [F] > Store

Instant Messaging

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

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

Chat

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

Email

Feature	Description
Send Email Message	Send an email message: [F] > Messages > Create Message > New Email
Read Email Message	Read a new email message that you have received: Press READ (⏏).

Phonebook

Feature	Description
Create Entry	Create a new phonebook entry: [F] > Phonebook [F] > New > Phone Number or Email Address
Create Group Mailing List	Create a group mailing list as a phonebook entry: [F] > Phonebook [F] > New > Mailing List
Dial Number	Call a number stored in the phonebook: [F] > Phonebook , highlight the phonebook entry, press ⏏ to call
Voice Dial Number	Voice dial a number stored in the phonebook: From the home screen, press and hold ⏏ for 2 seconds, release, then say the entry's name (within 2 seconds).
Set Ringer ID for Entry	Assign a distinctive ringer alert to a phonebook entry: [F] > Phonebook > entry [F] > Edit > Ringer ID > ringer name 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: [F] > Phonebook > entry [F] > Edit > Picture > picture name Note: The Picture option is not available for entries stored on the SIM card.

Feature	Description
Set Picture ID View	View phonebook entries as text list, or with picture caller ID photos: [F] > Phonebook [F] > Setup > View by > list view
Set Category for Entry	Set the category for a phonebook entry: [F] > Phonebook > entry [F] > Edit > Category > category name Note: The Category option is not available for entries stored on the SIM card.
Set Category View	Set a phonebook category view: [F] > Phonebook [F] > Categories > category view
Set Category Light ID	Set a distinctive light pattern to be displayed when you receive calls from phonebook entries in a specific category: [F] > Phonebook [F] > Categories , scroll to entry, press [F] > Edit > Light ID . Note: The Light ID option is not available for entries stored on the SIM card.
Sort Phonebook List	Set the order in which phonebook entries are listed: [F] > Phonebook [F] > Setup > Sort by > sort order
Set Primary Number	Set the primary number for a phonebook entry with multiple numbers: [F] > Phonebook , scroll to entry, press [F] > Set Primary > phone number .

Feature	Description
Copy Phonebook Entry to Another Device	Copy a phonebook entry to another phone, computer, or device: [☰] > Phonebook, highlight the entry, press [☰] > Send > Bluetooth
1-Touch Dial	Set 1-touch dial to call entries stored in your phone memory phonebook or the SIM card phonebook: [☰] > Settings > Initial Setup > 1-Touch Dial

Personalising Features

Feature	Description
Ring Style	Change the ring alert for an event: [☰] > Settings > Ring Styles > Style Detail > event name
Ringer IDs	Activate distinctive ring alerts assigned to phonebook entries: [☰] > Settings > Ring Styles > Style Detail > Ringer IDs
Ring Volume	Set ringer volume: [☰] > Settings > Ring Styles > Style Detail > Ring Volume
Keypad Volume	Set keypad keypress volume: [☰] > Settings > Ring Styles > Style Detail > Key Volume
Reminders	Set reminder alerts for messages that you receive: [☰] > Settings > Ring Styles > Style Detail > Reminders




Feature	Description
Clock View	Display an analog clock or digital time readout in the home screen: [☰] > Settings > Personalise > Home Screen > Clock
Menu View	Display the main menu as graphic icons or as a text-based list: [☰] > Settings > Personalise > Main Menu > View
Main Menu	Reorder your phone's main menu: [☰] > Settings > Personalise > Main Menu > Reorder
Show or Hide Menu Icons	Show or hide menu feature icons in the home screen: [☰] > Settings > Personalise > Home Screen > Home Keys > Icons
Change Soft Keys & Menu Icons	Change soft key labels and menu feature icons in the home screen: [☰] > Settings > Personalise > Home Screen > Home Keys
Shortcuts	Create a shortcut to a menu item: Highlight the menu item, then press and hold [☰]. Select a shortcut: [☰] > Office Tools > Shortcuts > shortcut name

Menu Features

Feature	Description
Language	Set menu language: [☰] > Settings > Initial Setup > Language


Feature	Description
Master Reset	Reset all options <i>except</i> unlock code, security code, and lifetime timer: [☰] > Settings > Initial Setup > Master Reset
Master Clear	Reset all options <i>except</i> unlock code, security code, and lifetime timer, and clear all user settings and entries <i>except</i> SIM card information: [☰] > Settings > Initial Setup > Master Clear

Dialling Features




Feature	Description
Fixed Dial	Turn fixed dialling on or off: [☰] > Settings > Security > Fixed Dial Use the fixed dial list: [☰] > Office Tools > Dialling Services > Fixed Dial 
Service Dial	Dial service phone numbers: [☰] > Office Tools > Dialling Services > Service Dial 
Quick Dial	Dial preprogrammed phone numbers: [☰] > Office Tools > Dialling Services > Quick Dial 

Feature	Description
DTMF Tones	Activate DTMF tones: [☰] > Settings > Initial Setup > DTMF 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 calls lists, then press [☰] > Send Tones.

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
Call Times	View call timers: [☰] > Recent Calls > Call Times 
In-Call Timer	Display time or cost information during a call: [☰] > Settings > In-Call Setup > In-Call Timer 
Call Cost	View call cost trackers: [☰] > 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
Speaker-phone	Activate a connected external speakerphone during a call: Press SPEAKER () (if available) or [M] > Spkrphone On . 
Auto Answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset: [M] > Settings > Car Settings or Headset > Auto Answer 
Voice Dial (headset)	Enable voice dial with headset send/end key: [M] > Settings > Headset > Voice Dial 
Auto Handsfree (car kit)	Automatically route calls to a car kit when connected: [M] > Settings > Car Settings > Auto Handsfree 
Power-Off Delay (car kit)	Set the phone to stay on for a specified time after the ignition is switched off: [M] > Settings > Car Settings > Power-Off Delay 
Charger Time (car kit)	Charge the phone for a specified time after the ignition is switched off: [M] > Settings > Car Settings > Charger Time 

Data and Fax Calls


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

Bluetooth® Wireless Connections








Feature	Description
Set Up a Wireless Connection	Set up a Bluetooth wireless connection to a headset accessory, car kit, or external device: [M] > Settings > Connection > Bluetooth Link > Handsfree > (Look For Devices)
Make Phone Visible to Other Device	Allow an unknown Bluetooth device to discover your phone: [M] > Settings > Connection > Bluetooth Link > Setup > Find Me 
Connect to Recognised Device	Connect to a recognised handsfree device: [M] > Settings > Connection > Bluetooth Link > Handsfree > <i>device name</i> 

Feature	Description
Disconnect From Device	Disconnect from a device: Highlight the device name and press DROP (). 
Switch to Device During Call	Switch to a headset or car kit during a call: [M] > Use Bluetooth 
Copy Multimedia Object to Device	Copy a multimedia object to another device: Highlight the object, press [M] > Copy , select the device name. 
Copy Phonebook/Datebook Entry to Device	Copy a phonebook entry, datebook event, or bookmark to another device: Highlight the item, press [M] > Send > Bluetooth , select the device name. 
Edit Device Properties	Edit the properties of a recognised device: Highlight the device name and press [M] > Edit . 
Set Bluetooth Options	Set your phone's Bluetooth options: [M] > Settings > Connection > Bluetooth Link > Setup

Network Features

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






Personal Organiser Features




Feature	Description
Create Datebook Event	Create a new datebook event: [M] > Office Tools > Datebook , highlight the day, press the centre select button, press [M] > New
View Datebook Event	View or edit event details: [M] > Office Tools > Datebook , highlight the day, press the centre select button, press VIEW ()
Event Reminder	View event reminder: VIEW () Dismiss event reminder: EXIT ()
Copy Datebook Event to Another Device	Copy a datebook event to another phone, computer, or device: [M] > Office Tools > Datebook , highlight the day, press the centre select button, highlight the event, press [M] > Send > Bluetooth
Set Alarm	Set an alarm: [M] > Office Tools > Alarm Clock
Turn Off Alarm	Turn off alarm: Press DISABLE () or  . Set 8-minute delay: Press SNOOZE ().
Calculator	Calculate numbers: [M] > Office Tools > Calculator
Currency Converter	Convert currency: [M] > Office Tools > Calculator > Exchange Rate Enter exchange rate, press OK (), enter amount, press [M] > Convert Currency .

Security

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

News and Entertainment

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

Feature	Description
Download Game or Application (Computer)	Download a Java game or application from a computer: Connect your phone to the computer, press [F] > Settings > Java Settings > Java App Loader . 
Launch Game or Application	Launch a Java game or application: [F] > Games & Apps , highlight the application, press SELECT (L). 
Manage Pictures	Manage pictures and animations: [F] > Multimedia > Pictures 
Manage Sounds	Manage ring tones and music that you have composed or downloaded: [F] > Multimedia > Sounds
Manage Video Clips	Manage video clips: [F] > Multimedia > Videos
Edit Sounds With MotoMixer	Edit MIDI-based songs that you can use with your phone: [F] > Multimedia > MotoMixer > [New Mix] or <i>mix file name</i>
Create Ring Tones	Create iMelody ring tones that you can use with your phone: [F] > Multimedia > Sounds > [New iMelody]
Camera	Adjust light level and other settings for the integrated camera: [F] > Multimedia > Camera [F] > Pictures Setup

Specific Absorption Rate Data

This model phone meets international standards for exposure to radio waves

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

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your phone model, the SAR limit is 2.0 W/kg.¹ Tests for SAR are conducted in accordance with CENELEC² testing procedures using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions that conform to a uniform testing methodology determined by an expert standards body. The highest SAR value for this model phone when tested for use at the ear is: 1.01 W/kg.³

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

-
- 1 The SAR limit recommended by international guidelines (ICNIRP) for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.
 - 2 CENELEC is a European Union standards body.
 - 3 Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

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