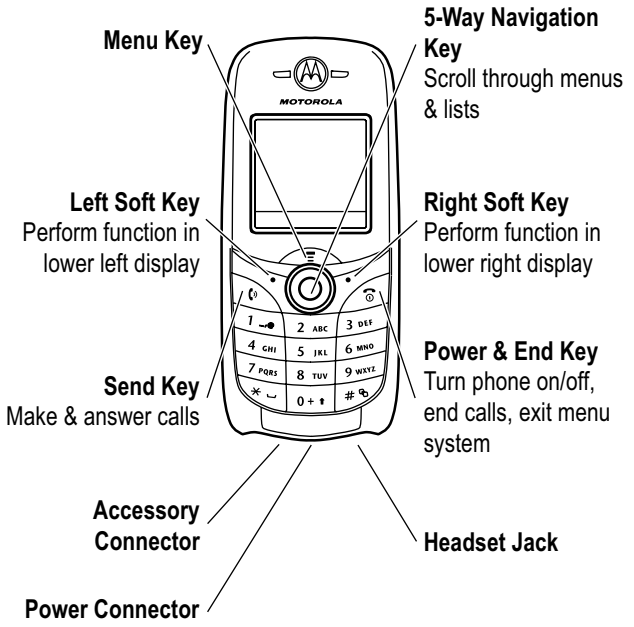
UG.C651.GSM.book Page 1 Wednesday, July 7, 2004 2:25 PM

Welcome

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



Your phone may not appear exactly as the phone image above.

www.hellomoto.com

MOTOROLA and the Stylised M Logo are registered in the US Patent & Trademark Office.

Java and all other Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries.

All other product or service names are the property of their respective owners.

© Motorola, Inc., 2003.

Software Copyright Notice

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

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

UG.C651.GSM.book Page 3 Wednesday, July 7, 2004 2:25 PM

Contents

Safety and General Information 6
Getting Started 13
About This Guide 13
Installing the SIM Card 13
Battery Use 14
Installing the Battery 15
Installing a Lanyard 16
Charging the Battery 17
Turning Your Phone On 18
Adjusting Volume 18
Making a Call 19
Answering a Call 19
Viewing Your Phone Number 19
Highlight Features 20
Taking and Sending a Photo 20
Sending a Multimedia Message 22
Receiving a Multimedia Message 24
Playing Video Clips 24
Using Event Lights 25
Using Ring Lights 26
Learning to Use Your Phone 27
Using the Display 27
Using the 5-Way Navigation Key 31
Using Menus 32
Entering Text 34
Changing a Code, PIN, or Password 43

UG.C651.GSM.book Page 4 Wednesday, July 7, 2004 2:25 PM

Locking and Unlocking Your Phone 43
If You Forget a Code, PIN, or Password 45
Locking and Unlocking the Keypad 45
Using the Phonebook 46
Setting Up Your Phone 48
Storing Your Name and Phone Number 48
Setting the Time and Date 48
Setting a Ring Style 49
Setting a Wallpaper Image 49
Setting a Screen Saver Image 50
Setting Display Colour 51
Adjusting the Backlight 51
Setting Display Timeout 52
Calling Features 53
Changing the Active Line 53
Redialling a Number 53
Using Automatic Redial 54
Using Caller ID 54
Cancelling an Incoming Call 55
Calling an Emergency Number 55
Dialling International Numbers 56
Viewing Recent Calls 56
Returning an Unanswered Call 57
Using the Notepad 58
Attaching a Number 58
Calling With Speed Dial 58
Calling With 1-Touch Dial 59
Using Voicemail 59
Using Call Waiting 61
Putting a Call On Hold 61

UG.C651.GSM.book Page 5 Wednesday, July 7, 2004 2:25 PM

Transferring a Call 62
Phone Features 63
Menu Map 63
Feature Quick Reference. 65
Specific Absorption Rate Data 80
Index 82

Safety and General Information

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

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

Exposure To Radio Frequency (RF) Energy

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

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

Operational Precautions

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

External Antenna Care

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

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

Phone Operation

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

Body-Worn Operation

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

Data Operation

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

Approved Accessories

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

RF Energy Interference/Compatibility

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

Facilities

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

Aircraft

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

Medical Devices

Pacemakers

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

Persons with pacemakers should:

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

Hearing Aids

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

Other Medical Devices

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

Use While Driving

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

When using your phone while driving, please:

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

Operational Warnings

For Vehicles With an Air Bag

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

Potentially Explosive Atmospheres

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

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

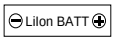
Blasting Caps and Areas

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

Batteries

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

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

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

Seizures/Blackouts

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

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

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

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

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

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

Repetitive Motion Injuries

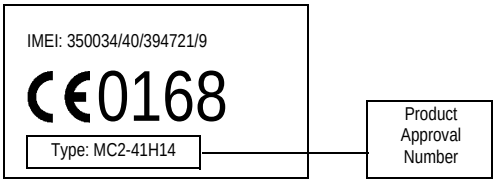
When you play games on your phone, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

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

European Union Directives Conformance Statement

Hereby, Motorola declares that this product is in compliance with

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



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

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

Getting Started

About This Guide

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

Optional Features

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

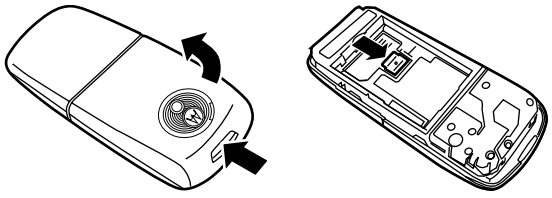
Optional Accessories

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

Installing the SIM Card

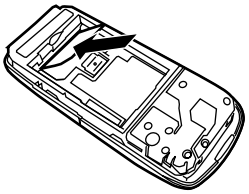
Your SIM (Subscriber Identity Module) card contains your phone number, service details, and phonebook/message memory.

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

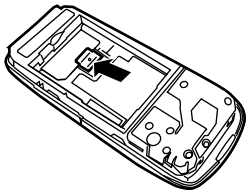


1

2



3



4

Battery Use

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

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

To maximise your battery's performance:

- Always use Motorola Original batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.

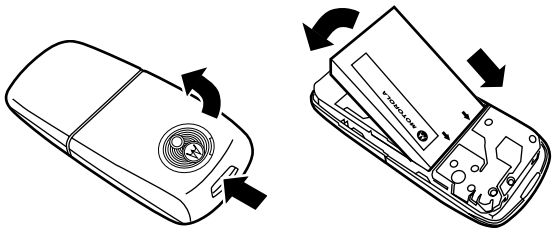
- New batteries or batteries that have been stored for a long time may require a longer charge time.
- Maintain the battery at or near room temperature when charging.
- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your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

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

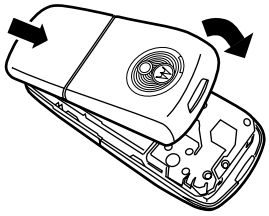
Warning: Never dispose of batteries in a fire because they may explode.

Installing the Battery

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



1 2

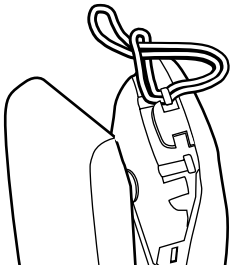


3

Installing a Lanyard

You can attach a lanyard to your phone to help you carry it.

To install a lanyard, remove the back cover. Pull one end of the lanyard through a lanyard notch, then through the loop in the other end of the lanyard (as shown).

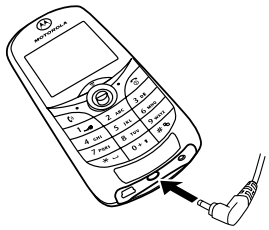


Charging the Battery

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

Action

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



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

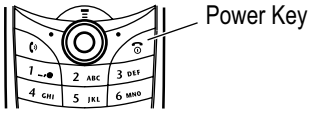
3 When your phone indicates **Charge Complete**, remove the travel charger.

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

Turning Your Phone On

Action

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



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

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

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

Adjusting Volume

Press left or right on the 5-Way Navigation key (◎) to increase or decrease volume.

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

  Tip: At the lowest volume setting, press the key left once to switch to vibrate alert. Press it again to switch to silent alert. Press the key right to cycle back to vibrate alert, then ring alert.
- turn off an incoming call alert

Alternatively the volume can also be accessed by pressing menu ⊃ > **Settings** > **Ring Styles**.

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

Alternatively access the Phonebook by pressing menu > **Phone Book** > *scroll through to required entry* > **Send** .

Answering a Call

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

Press		To
1	or **ANSWER** ( )	answer the call
2		end the call and “hang up” the phone when you are finished

Viewing Your Phone Number

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

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

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

Highlight Features

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

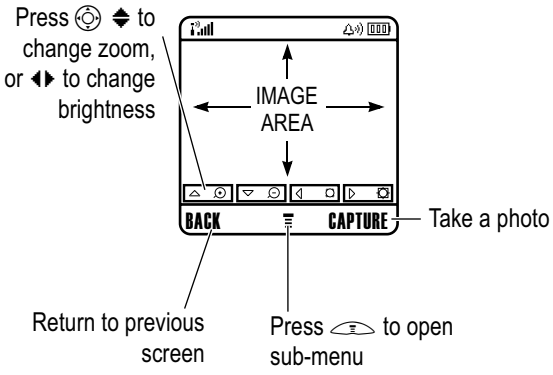
Taking and Sending a Photo

To activate your phone's camera:

Find the Feature > Multimedia > Camera

Note: *Camera can also be accessed quickly by pressing the right Soft Key from idle display, depending on local settings.*

The active viewfinder image appears on your display.



Point the camera lens at the photo subject, then:

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

* Optional network/subscription dependent feature. Not all features may be available on your phone.

Press ⌓ in the viewfinder to open the **Pictures Menu**. 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.
View Free Space	See how much memory remains for storing pictures.

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

Sending a Multimedia Message

A **Multimedia Messaging Service** (MMS) 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 > **Messages** > **New Message** > **New Multimedia Msg**

Press	To
1 keypad keys	enter slide text Press to open the **MMS Menu** and insert a **Picture**, **Voice Record**, **Sound**, **Video**, **New Page**, **Quick Note**, or **Contact Info**.
2 **OK**	store the message
3	scroll to a **Send To** option: • Highlight [**One Time Entry**] to enter one or more phone numbers and/or email addresses. • Highlight [**New Ph.book Entry**] to enter a number/address and add it to the phonebook. • Or highlight an existing phonebook entry.
4 **SELECT**	select [**One Time Entry**] or [**New Ph.book Entry**] and enter a number/address. Press **OK** or **DONE** when you are finished.

Press		To
	or	
	ADD (+)	add a phonebook entry to the list of recipients. Press **DONE** (-) when you are finished.
5	⊙	scroll to **Subject**
6	**CHANGE** (-)	select **Subject**
7	keypad keys	enter the subject
8	**OK** (+)	store the subject
9	**CHANGE** (-)	select **Attachments**
10	⊙	scroll to **Picture**, **Sounds**, or **Video**
11	**SELECT** (+)	select the file type
12	⊙	highlight the file you want
13	**SELECT** (+)	attach the file
14	**BACK** (-)	return to the message editor
15	⊙	scroll to **Receipt**
16	**CHANGE** (-)	select **Receipt**
17	**ADD** (+) or **REMOVE** (+)	activate/deactivate the delivery report
18	**DONE** (-)	return to the message editor
19	**SEND** (+)	send the message
	or	
	⌓	send the message, view message details, save the message in the drafts folder, or cancel the message

Receiving a Multimedia Message

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

Press	To
READ (☞)	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 slide is displayed.
- Attached files are added to the end of the message. To open the attachment, highlight the file indicator/filename and press **VIEW** (☞) (image file type), **PLAY** (☞) (sound file or video clip), or **OPEN** (☞) (object such as phonebook or datebook entry, or unknown file type).

Playing Video Clips

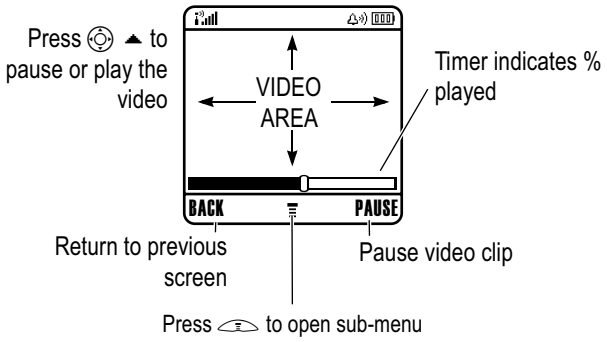
You can download video clips with the micro-browser, and send and receive video clips in multimedia messages.

To play a video clip stored on your phone:

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

Press	To
1 ◎	scroll to the video clip
2 **PLAY** (☞)	start video clip playback

The video clip displays in the video clip playback screen.



Using Event Lights

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

To turn event lights on or off:

Find the Feature > **Settings** > **Ring Styles** > **Event Lights**

Press	**To**
1	scroll to **On** or **Off**
2 **SELECT**	select the option

Using Ring Lights

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

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

Press	To
1	scroll to the light pattern
2 **SELECT**	select the light pattern

Note: *Ring lights only appear if* **Event Lights** *are* **On**.

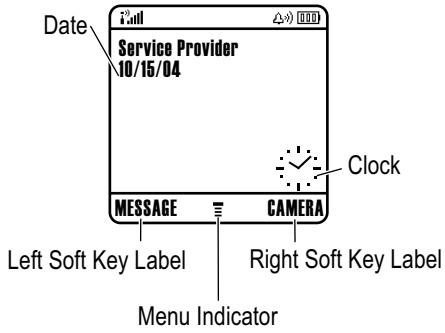
The same light pattern displays for all incoming calls. You can use the light ID feature to display a distinctive light pattern when you receive calls from phonebook entries in a specific category. To set a light ID for a phonebook category, see page 69. The light ID is not displayed when ring lights are turned off.

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.

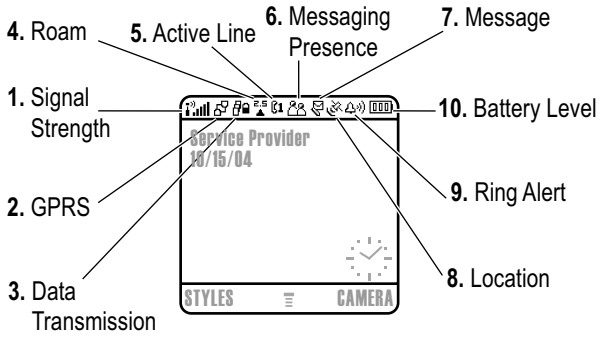


The ≣ (menu) indicator indicates that you can press the menu key (⌓) to enter the main menu.

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

Your phone can display an analogue or digital clock in the home screen (see page 71).

The following status indicators can display:



1. Signal Strength Indicator

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

2. GPRS Indicator

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

= GPRS PDP context active

= GPRS packet data available

3. Data Transmission Indicator

Shows connection and data transmission status. Indicators can include:

= secure packet data transfer

= insecure packet data transfer

= secure application connection

= insecure application connection

= secure Circuit Switch Data (CSD) call

= insecure CSD call

4. Roam Indicator

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

= 2.5G home

= 2.5G roam

= 2G home

= 2G roam

5. Active Line Indicator

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

= line 1 active, call divert on

= line 2 active, call divert on

= alarm activated

6. Messaging Presence Indicator

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

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

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
- = 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 (multimedia message).

8. Location Indicator

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

= location on

= location off

9. Ring Style Indicator

Shows the ring style setting.

= loud ring

= soft ring

= vibrate

= vibrate and ring

= silent

10. Battery Level Indicator

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

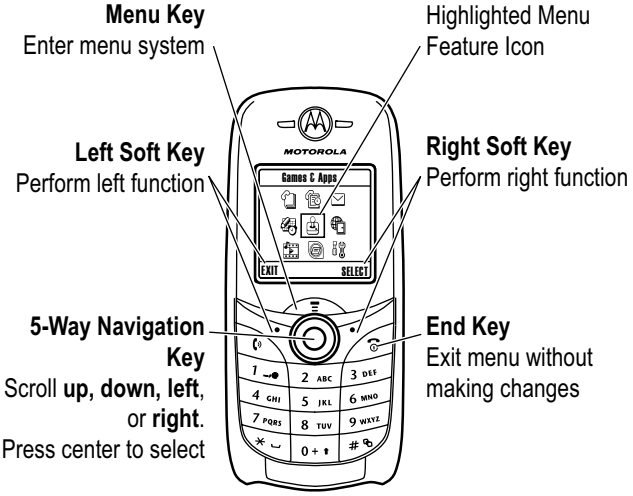
Using the 5-Way Navigation Key

5-Way Navigation Key

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

Using Menus

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



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

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

Selecting a Menu Feature

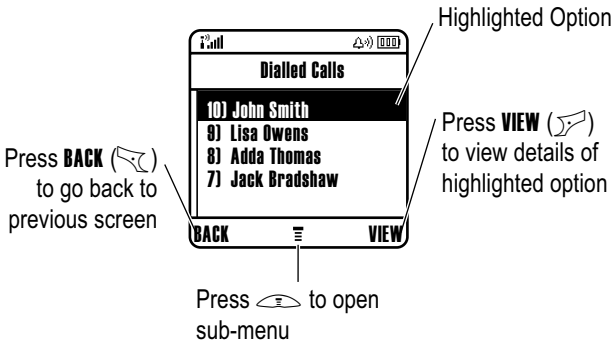
To select a menu feature, starting from the home screen:

Find the Feature > **Recent Calls** > **Dialled 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 **Dialled Calls**. Press to scroll, and the left/right soft keys to select the functions listed in the bottom left and right corners of the display.

Selecting a Feature Option

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



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

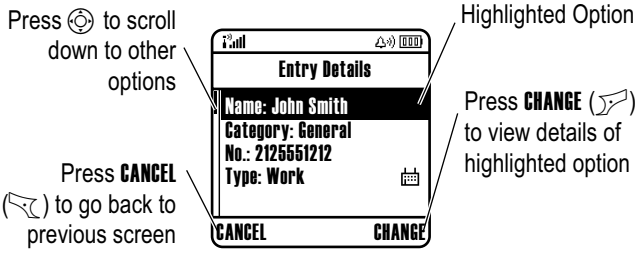
- In a numbered list, press a number key to highlight the option.
- In an alphabetised list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list option.

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

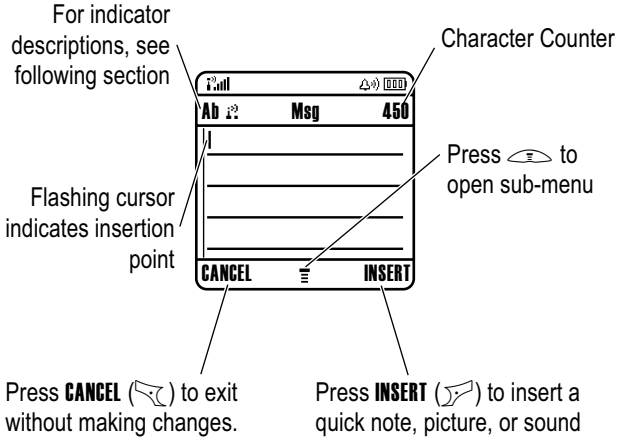
When an option displays a list of possible numeric values, press a number key to set the value.

Entering Text

Some features require you to enter information.



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



Choosing a Text Entry Method

Multiple text entry methods make it easy for you to enter names, numbers, and messages. The method (for example, iTAP predictive text or TAP input mode) you select remains active until you select another method.

Press # * in any text entry screen to select one of the following entry methods:

Primary	The primary text entry method (see below to set).
Numeric	Enter numbers only (see page 41).
Symbol	Enter symbols only (see page 41).
Secondary	The secondary text entry method (see below to set).

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

Tip: You can switch between text Entry Methods by pressing # * whilst in edit mode.

Setting Up a Text Entry Method

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

iTAP	Let the phone predict each word as you press keys (see page 39).
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 0+ 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 Method Indicators

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

Primary	Second.	
1	2	Tap, no capital letters
1⇧	2⇧	Tap, capitalise next letter only
1⬆	2⬆	Tap, all capital letters
1	2	iTAP, no capital letters
1⇧	2⇧	iTAP, capitalise next letter only
1⬆	2⬆	iTAP, all capital letters

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

123 = numeric method @ = symbol method

Using Tap Method

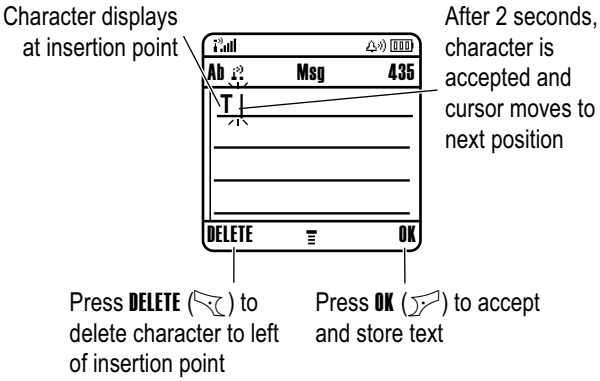
This is the standard method for entering text on your phone.

Tap method cycles through the letters and number of the key you press. Tap Extended method also cycles through additional symbols as shown in the chart on page 38.

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

In a text entry screen, you can press # to switch entry methods. If **Tap** or **Tap Extended** is not available as the **Primary** or **Secondary** entry method, see page 35.

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



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

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

Character Chart

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

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

*⌣	enter a space (hold to enter a return)
#⇧	change text entry method (hold for default)

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

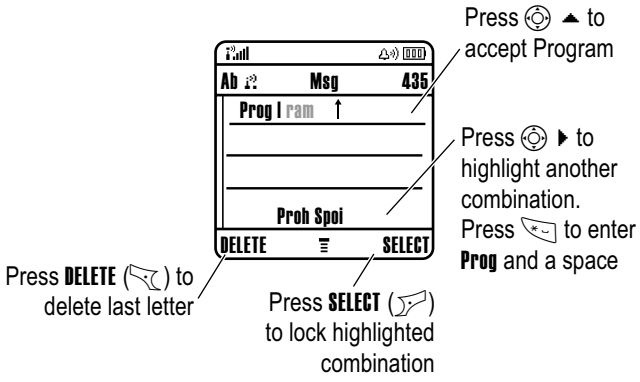
Tap Method Text Entry Rules

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

Using iTAP™ Method

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

For example, if you press 7 PQRS 7 PQRS 6 MNO 4 GHI, 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 methods. An indicator shows which method is active (see page 36). If **iTAP** method is not available as the **Primary** or **Secondary** entry method, see page 35.

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

Press	To
3 SELECT (⌐)	lock a highlighted combination You can press keypad keys to add more letters to the end of the combination.
or	
*	enter the highlighted combination when it spells a word A space is automatically inserted after the word.

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

Using Numeric Method

In a text entry screen, press # to switch entry methods 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 method.

Using Symbol Method

In a text entry screen, press # to switch entry methods 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

Press	To
3 **SELECT** (⌐)	lock a highlighted combination You can press keypad keys to add more symbols to the end of the combination.
or	
*	enter the highlighted combination

Symbol Chart

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

1	. ? ! , @ ' - _ : ; ( ) & " ~ 1 0 ¿ ¡ % £ $ ¥ ¤ € + x * / \ [ ] = > < # §
2 ABC	@ _ \ ß
3 DEF	/ : ;
4 GHI	" & '
5 JKL	( ) [ ] { }
6 MNO	¿ ¡ ~
7 PQRS	< > =
8 TUV	$ £ ¥ ¤
9 WXYZ	# % *
0 +	+ - x * / = > < # §
*	enter a space (hold to enter a return)
#	change text entry method (hold for default)

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

Deleting Letters and Words

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

Action
Press **DELETE** (⌫) to delete one letter at a time.
Hold **DELETE** (⌫) to delete the entire message.

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 55).

Locking Your Phone Manually

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

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

Unlocking Your Phone

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

At the **Enter Unlock Code** prompt:

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

Setting Your Phone to Lock Automatically

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

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

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

If You Forget a Code, PIN, or Password

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

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

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

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

Locking and Unlocking the Keypad

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

Press	To
	lock or unlock the keypad

Note: *Incoming calls and messages unlock the keypad.*

Using the Phonebook

This section briefly describes basic phonebook operations. For more information about using the phonebook, see page 68.

Shortcut: To open your phonebook from the home screen, you can press ⊙ up or down.

Storing a Phone Number

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

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

Recording a Voice Name

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

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

Storing a Picture for Caller ID

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

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

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

Dialling a Number

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

Note: *You can also access the Phonebook from idle display by pressing ⊂, depending on local settings.*

Tip: To quickly highlight entries in your **Phonebook** list: If your entries are sorted by **Speed No.**, press an entry's speed number to highlight it. For example, press 1 5 for entry number 15. If your entries are sorted by **Name**, **Voice Name**, or **Email**, enter the first letter of the entry's name to highlight it. For example, press 5 5 for the first entry that starts with "K".

Voice Dialling a Number

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

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

Sorting Phonebook Entries

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

When sorting by name, you can view **All** numbers or just the **Primary** number for each name. To set the primary number for a name, see page 70.

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 69.

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 [menu] [#*] 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

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

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

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

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

Setting a Ring Style

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

You can select one of five different ring styles. The ring style indicator in the display shows the current ring style (see page 31).

To set a ring style:

Find the Feature > Settings > Ring Styles > Style

Press	To
1	scroll to the ring style
2 SELECT	select the ring style

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

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

Setting a Wallpaper Image

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

Find the Feature > Settings > Personalise > Wallpaper

Press	To
1	scroll to Picture
2 CHANGE	open the picture viewer

Press	To
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
7 ⊙	scroll to **Centre**, **Tile**, or **Fit-to-screen** **Centre** places the image in the centre of the display. **Tile** fills the display with multiple copies of the image. **Fit-to-screen** resizes the image, if necessary, to fit the display.
8 **SELECT** (⌐)	confirm the layout setting
9 **BACK** (¬)	save wallpaper settings

Setting a Screen Saver Image

Set a photo, picture, or animation as a screen saver image.

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

Turn off the screen saver to extend battery life.

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

Press	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 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 triggers the screen saver
8 **SELECT** (⌐)	confirm the delay setting
9 **BACK** (¬)	save screen saver settings

Setting Display Colour

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

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

Adjusting the Backlight

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

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

Setting Display Timeout

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

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

Calling Features

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

Changing the Active Line

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

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

Find the Feature > **Settings** > **Phone Status** > **Active Line**

The active line indicator in the display shows the currently active phone line (see page 29).

Redialling a Number

Press	To
1	view the last 10 dialled calls list
2	scroll to the entry you want to call
3	redial the number

Using Automatic Redial

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

To redial the phone number:

Press	To
or **RETRY** ( )	activate automatic redial

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

Using Caller ID

Incoming Calls

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

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

You can also set your phone to play a distinctive ringer ID and/or light ID for specific entries stored in your phonebook. For more information, see page 68.

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.

Calling an Emergency Number

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

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

Press	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.

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 ✓ means the call connected.
4	[ ]	call the entry's number
	or	Press and hold [ ] for 2 seconds to send the number as DTMF tones during a call.
	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.
Send Tones	Send the number to the network as DTMF tones. This option displays only during a call.
Talk then Fax	Talk and then send a fax in the same call (see page 75).

Returning an Unanswered Call

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

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

Press	To
1 **VIEW** (⌐)	see the received calls list
2 ⊙	select a call to return
3 ◟	make the call

Using the Notepad

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

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

Attaching a Number

While dialling (with digits visible in the display):

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

Calling With Speed Dial

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

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

To speed dial a phonebook entry:

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

Calling With 1-Touch Dial

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

Tip: You must specify which phone number list you want to use with this feature: phone memory phonebook or SIM card phonebook (see page 70).

Using Voicemail

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

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

Listening to Voicemail Messages

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

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

Receiving a Voicemail Message

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

Press	To
CALL (☞)	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

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)	put the call on hold
or	
> Hold	

Transferring a Call

You can announce that you are transferring an active call to another party, or you can 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

Menu Map

Main Menu

Phonebook

Recent Calls
- Received Calls
- Dialled Calls
- Notepad
- Call Times
- Call Cost
- Data Times
- Data Volumes

Messages
- Create Message
- Message Inbox
- Voicemail
- Browser Msgs
- Info Services
- Quick Notes
- Outbox
- Drafts
- MMS Templates

Office Tools
- SIM Tool Kit Apps *
- Calculator
- Datebook
- Shortcuts
- Alarm Clock
- Chat
- Dialling Services
  - Voice Dial
  - Fixed Dial
  - Quick Dial
  - Service Dial *

Games & Apps

Web Access
- Browser
- Web Shortcuts
- Stored Pages
- History
- Go To URL
- Browser Setup
- Web Sessions

Multimedia
- Themes
- Camera
- Pictures
- Sounds
- MotoMixer
- Videos

IM
- Log In
- Offline Confs.
- Offline Settings
- Help

Settings
- (see next page)

* optional features

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

Settings Menu

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

Ring Styles
- Style
- *style* Detail
- Ring Detail
- Event Lights

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

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

Initial Setup
- Time and Date
- 1-Touch Dial
- Display Timeout
- Backlight
- Scroll
- Language
- Contrast
- DTMF
- Master Reset
- Master Clear

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

Headset
- Auto Answer
- Voice Dial

Car Settings
- Auto Answer
- Auto Handsfree
- Power-Off Delay
- Charger Time

Network
- New Network
- Network Setup
- Available Networks
- My Network List
- Service Tone
- Call Drop Tone

Security
- Phone Lock
- Lock Keypad
- Lock Application
- Fixed Dial
- Call Barring
- SIM PIN
- New Passwords

Java Settings
- Java System
- Delete All Apps
- App Vibration
- App Volume
- App Priority
- App Backlight
- Set Standby App
- DNS IP

* optional features

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: > **Hold**, dial next number, press 6, press **LINK** ( )
Call Diverting	Set up or cancel call diverting: > **Settings** > **Call Divert**
Call Barring	Restrict outgoing or incoming calls: > **Settings** > **Security** > **Call Barring**

Messages

Feature	Description
Send Text Message	Send a text message: > **Messages** > **New Message** > **New Short Msg**
Send Multimedia Message	Send a multimedia message: > **Messages** > **New Message** > **New Multimedia Msg**

Feature	Description
Use MMS Template	Open an MMS template with preloaded media: > **Messages** > **New 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, then: > **Store**

Instant Messaging

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

Feature	Description
Open Active Conversation	Open a conversation in progress: From your **Contact List**, highlight a name in **Conversations**, press **VIEW** ().
End Conversation	From the conversation display: > **End Conversation**
Log Out	Log out of instant messaging: Select **Log Out** from the **IM Online** menu.

Chat

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

Phonebook

Feature	Description
Create Entry	Create a new phonebook entry: Type in telephone number > **Store** > enter other details
Create Group Mailing List	Create a group mailing list as a phonebook entry: > **Phonebook** > **New** > **Mailing List**
Dial Number	Call a number stored in the phonebook: > **Phonebook**, highlight the phonebook entry, press to call
Voice Dial Number	Voice dial a number stored in the phonebook: > **Office Tools** > **Dialling Services** > **Voice Dial** When prompted, say the entry's name (within 2 seconds).
Set Ringer ID for Entry	Assign a distinctive ringer alert to a phonebook entry: > **Phonebook** > *entry* > **Edit** > **Ringer ID** > *ringer name* ***Note:*** *The* **Ringer ID** *option is not available for entries stored on the SIM card.*

Feature	Description
Set Picture ID for Entry	Assign a picture to display when you receive calls from an entry: > **Phonebook** > *entry* > **Edit** > **Picture** > *picture* ***Note:*** *The* **Picture** *option is not available for entries stored on the SIM card.*
Set Category for Entry	Set the category for a phonebook entry: > **Phonebook** > entry > **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: > **Phonebook** > **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: > **Phonebook** > **Categories**, scroll to entry, press > **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: > **Phonebook** > **Setup** > **Sort by** > sort order

Feature	Description
Set Primary Number	Set the primary number for a phonebook entry with multiple numbers: > **Phonebook**, scroll to entry, press > **Set Primary** > phone number
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** > *select chosen alerts*
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** **Shortcut:** Press right or left in the home screen.
Keypad Volume	Set keypad keypress volume: > **Settings** > **Ring Styles** > *style* **Detail** > **Key Volume**

Feature	Description
Clock View	Display an analogue clock or digital time readout in the home screen: > **Settings** > **Personalise** > **Home Screen** > **Clock**
Menu View	Display the main menu as graphic icons or as a text-based list: > **Settings** > **Personalise** > **Main Menu** > **View**
Main Menu	Reorder your phone's main menu: > **Settings** > **Personalise** > **Main Menu** > **Reorder**
Change Soft Key Labels	Change soft key labels in the home screen > **Settings** > **Personalise** > **Home Screen** > **Home Keys**
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**
Master Reset	Reset all options except unlock code, security code, and lifetime timer: > **Settings** > **Initial Setup** > **Master Reset**
Master Clear	Reset all options except unlock code, security code, and lifetime timer, and clear all user settings and entries except SIM card information: > **Settings** > **Initial Setup** > **Master Clear**

Dialling Features

Feature	Description
Fixed Dial	When you turn on fixed dialling, you can only call numbers stored in the fixed dial list. 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**

Feature	Description
Quick Dial	Your service provider may program your phone with one or more quick dial numbers, such as the customer service number. Dial preprogrammed phone numbers: > **Office Tools** > **Dialling Services** > **Quick Dial**
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, contact your service provider.

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 information: > **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	When in an active call, press **SPEAKER** ( ).
Auto Answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset: > **Settings** > **Car Settings** or **Headset** > **Auto Answer**
Voice Dial (headset)	Enable voice dial with headset send/end key: > **Settings** > **Headset** > **Voice Dial**

Feature	Description
Auto Handsfree (car kit)	Automatically route calls to a car kit when connected: > Settings > Car Settings > Auto Handsfree
Power-Off Delay (car kit)	Set the phone to stay on for a specified time after the ignition is switched off: > Settings > Car Settings > Power-Off Delay
Charger Time (car kit)	Charge the phone for a specified time after the ignition is switched off: > Settings > Car Settings > Charger Time

Data and Fax Calls

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

Network Features

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

Personal Organiser Features

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

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

Security

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

News and Entertainment

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

Feature	Description
Launch Game or Application	Launch a Java game or application: > **Games & Apps**, highlight the application, press **SELECT** ( )
Manage Pictures	Manage pictures and animations: > **Multimedia** > **Pictures**
Manage Sounds	Manage ring tones, sounds that you have composed or downloaded: > **Multimedia** > **Sounds**
Manage Video Clips	Manage video clips: > **Multimedia** > **Videos**
Edit Sounds With MotoMixer	Edit MIDI-based sound files that you can use with your phone: > **Multimedia** > **MotoMixer** > [**New Mix**] or mix file name
Create Ring Tones	Create ring tones that you can use with your phone: > **Multimedia** > **Sounds** > [**New iMelody**]
Camera	When in camera mode, scroll up and down to zoom in and out ( ) and from right to left to adjust the level of brightness. To change other settings press > **Picture 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 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: 0.87 W/kg.[3]

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

---

1 The SAR limit recommended by international guidelines (ICNIRP) for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.

2 CENELEC is a European Union standards body.

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

Index

A

accessories 13
accessory connector port 1
active line indicator 29
active line, changing 53
alarm clock 76
alert
  creating 79
  defined 49
  setting 18, 49, 70
  turning off 18
animation
  downloading 78
  screen saver 50
  viewing 79
  wallpaper 49
answering a call 19
application, locking and unlocking 77
automatic redial 54

B

backlight 51
barring calls 65
battery
  charging 17
  extending battery life 14, 51
  installing 15
  level indicator 31
browser. *See* micro-browser

C

calculator 77
call
  alert, turning off 18
  answering 19
  barring 65
  barring password, changing 43
  call waiting 61
  costs 74
  dialled calls list 56
  dialling 19
  diverting 65
  emergency number 55
  ending 19
  hold 61
  international access code 56
  making 19
  received calls list 56
  receiving 19
  ring style 18, 49, 70

speakerphone 74
timers 74
transferring 62
unanswered call 57
Call Failed, Number Busy message 54
call waiting 61
caller ID 21, 54
calling line identification. *See* caller ID
camera
settings 79
taking a photo 20
category
light ID 69
phonebook entry 69
view 69
centre select button 31
character chart 38
chat 67
clock
selecting analogue or digital 71
setting 48
codes
changing 43
default 43, 45
forgetting 45
colour, setting 51
conference call 65
customising the menu 71

D

data call 75
date, setting 48
datebook 76
dialled calls list 56
dialling a number 19, 72, 73
display
backlight 51
colour 51
description 27
home screen 27
language 72
personalising 71
timeout 52
distinctive ringer alert 70
diverting calls 65
DTMF tones
activating 73
sending 73

E

earpiece volume 18
emergency number 55
end key 1
ending a call 19
Enter Unlock Code message 44
event lights 25

F

fax call 75
5-way navigation key 1, 31
fixed dial 72

G

games 78
GPRS indicator 28
groove tunes 79

H

headset jack 1
hold a call 61
home keys, personalising 71
home screen
  defined 27
  selecting clock view 71

I

IM 66
incoming call
  answering 19
  diverting 65
Incoming Call message 54
indicators
  active line 29
  battery level 31
  GPRS 28
  Java midlet 30
  location 31
  message 30
  message waiting 24
  messaging presence 30
  ring style 31
  roam 29
  signal strength 28
  text case 36
  text entry method 30, 36
  transmission 29
  voicemail message 30, 60
instant messaging. *See* IM
international access code 56
iTAP software 39

J

Java applications 78
Java midlet indicator 30
joystick 1

K

key
  centre select button 31
  end 1
  5-way navigation 1, 31
  left soft key 1, 27, 71
  menu 1
  power 1
  right soft key 1, 27, 71
  send 1

voice 1
volume control 1, 18
keypad
volume, setting 70

L

language, setting 72
left soft key
functions 1, 27
personalising 71
line, changing 53
location indicator 31
lock
application 77
phone 43
SIM card 77
Low Battery message 31

M

making a call 19
master clear 72
master reset 72
menu
entering text 34
icons, changing in home screen 71
icons, converting to text 71
language, setting 72
personalising 71
rearranging features 71
using 32
view, changing 71
menu key 1
message
chat 67
MMS template 66
MMS, defined 22
multimedia message 65
reading 66
text 65, 66
message indicator 30
message waiting indicator 24
messaging presence indicator 30
micro-browser
browser setup 78
Java applications 78
using 78
Web sessions 78
MMS template 66
MMS. *See* message
MotoMixer 79
multimedia message
receiving 24
sending 22, 65
multimedia messaging service. *See* message
my telephone number 19, 48

N

network settings 76
notepad 58
number
  storing your number 48
  viewing your number 19
numbers, entering 41

O

1-touch dial
  setting preference 70
  using 59
optional accessory, defined 13
optional feature, defined 13

P

passwords. *See* codes
phone
  active line indicator 29
  active line, changing 53
  alert, turning off 18
  clear stored information 72
  codes 43
  date, setting 48
  language, setting 72
  locking 43
  network settings 76
  open to answer 19
  reset all options 72
  ring style 18, 49, 70
  security code 43
  time, setting 48
  turning on/off 18
  unlock code 43
  unlocking 18, 43
phone number
  active line indicator 29
  active line, changing 53
  attaching 2 numbers 58
  international access code 56
  redialling 53
  storing in phonebook 68
  storing your number 48
  viewing your number 19
phone theme 78
phonebook
  attaching 2 numbers 58
  category for entry 69
  category light ID 69
  category view 69
  dialling a number 68
  group mailing list 68
  1-touch dial 59
  picture ID 21, 46, 54, 69
  primary number, setting 70
  ringer ID 68, 70
  sorting entries 47, 69
  speed dial number 58
  storing an entry 68

voice dialling 68
photo
downloading 78
picture ID 21, 54
sending 20
taking 20
picture
downloading 78
screen saver 50
viewing 79
wallpaper 49
picture ID 21, 54
setting 46, 69
PIN code
changing 43
entering 77
PIN2 code, changing 43
power key 1
predictive text entry 39
primary text entry method 35

Q

quick dial 73

R

received calls list 56
recent calls 56
redial
automatic redial 54
busy number 53
right soft key
functions 1, 27
personalising 71
ring lights 26
ring style indicators 31
ring style, setting 18, 49, 70
ring tone
creating 79
downloading 78
editing with MotoMixer 79
managing 79
ringer ID
setting 68
turning on/off 70
ringer volume, setting 18, 70
roam indicator 29

S

screen saver 50
secondary text entry method 35
security code
changing 43
default 43
send key 1
service dial 72
shortcuts 71
signal strength indicator 28
silent alert, setting 18, 49, 70
SIM Blocked message 18, 77

SIM card
defined 13
installing 13
locking 77
PIN code entry 18
PIN code, changing 43
PIN2 code, changing 43
precautions 13
SIM Blocked message 18, 77
SIM PIN code
changing 43
entering 77
SIM PIN2 code, changing 43
soft keys
functions 27
illustration 1
personalising 71
sound
creating 79
downloading 78
managing 79
speakerphone
activating 74
automatic answer 74
speed dial 58
standby time, increasing 51
symbol chart 42
symbols, entering 41

T

tap method text entry 36
telephone number
storing your number 48
viewing your number 19
text
capitalisation, changing 36
character chart 38
entering 34
entry method, selecting 35
entry method, setup 35
iTAP software predictive text entry 39
numeric method 41
symbol chart 42
symbol method 41
tap method 36
text case indicator 36
text entry method
selecting 35
setup 35
text entry method indicator 30, 36
theme 78
time, setting 48
timers 74
transfer a call 62
transmission indicator 29
travel charger 17

U

unlock
  application 77
  phone 43
unlock code
  bypassing 45
  changing 43
  default 43, 45
  entering 18

V

vibrate alert
  setting 18, 49, 70
  turning off 18
video clip
  downloading 66
  managing 79
  playing 24
voice dial 68, 74
voice key
  dialling a number 68
  illustration 1
voicemail 59
voicemail message indicator
    30, 60
volume
  earpiece 18
  keypad 70
  ringer 18, 70
volume keys 1, 18

W

wallpaper 49
Web pages 78
Web sessions 78
Welcome 1