

Welcome

This user guide introduces you to the many features in your phone.



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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.

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.*





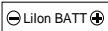
Blasting Caps and Areas

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:

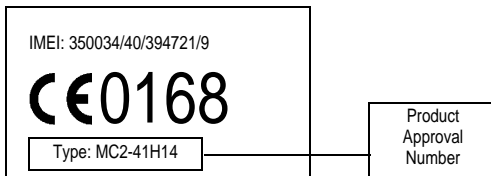
- Take a minimum 15-minute break every hour of game playing.
- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.
- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

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

What's in the Box?

Your digital wireless phone has a battery and typically comes equipped with a charger. Other accessories can customise your phone for maximum performance and portability.

About This Guide

Optional Features



Features marked with this label are optional network, SIM card, and/or subscription-dependent features. These features may not be offered by all service providers in all geographical areas. Contact your service provider for information about availability.

Optional Accessories



Features marked with this label require an optional Motorola Original™ accessory.

Installing the UICC or SIM Card

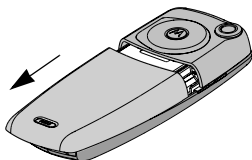
Your 3G UICC (Universal IC Card) contains your phone number, service details, and phonebook/message memory. Your phone can

use GSM SIM (Subscriber Identity Module) cards, but not all features will be available.

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

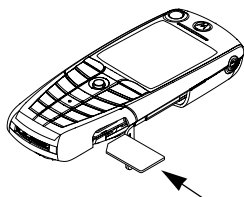
Do This

- 1 Push the battery door down to release it from the phone.



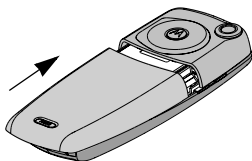
-
- 2 Open the card door on the right side of your phone.

- 3 Insert the card with the gold plate facing down and the notch as shown.



-
- 4 Close the card door.

-
- 5 Place the battery door back on the phone and push it up to snap it into place.



Installing the Battery

You must install and charge the battery to use your phone.

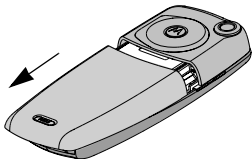


Caution: Your phone is designed to be used only with Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.

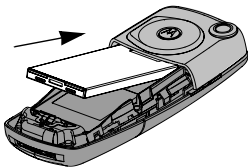
Do This

- 1 Remove the battery from its protective clear plastic case.

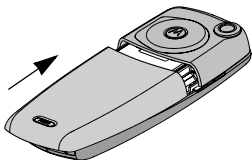
- 2 Push the battery door down to release it from the phone.



- 3 Insert the battery, printed arrow first, **under the tab** at the top of the battery compartment and push down.



- 4 Place the battery door back on the phone and push it up to snap it into place.



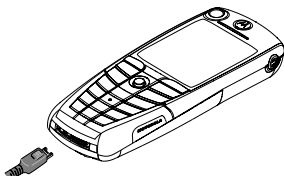
Charging the Battery

New batteries are partially charged. Before you can use your phone, install and charge the battery, as follows.

Note: Some batteries perform best after several full charge/discharge cycles.

Do This

- 1 Plug the travel charger into your phone with the release tab up.



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

Note: When you charge the battery, the battery level indicator in the upper right corner of the display shows the status of the charging process.

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; and your voice, data, and other application usage patterns.

Battery Care

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

To maximise performance:

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



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

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

Turning Your Phone On

Do This



- 1 Press and hold the power key



To


turn on your phone

Do This

- 2 If necessary, press  to scroll to the User Account you want, then press **SELECT** ()


To

select the user account you want from the list of accounts (stored on the SIM card)

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

unlock your SIM card

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

- 4 If necessary, enter your four-digit unlock code and press **OK** ()

unlock your phone

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

Adjusting Volume

Press the upper or lower volume keys to:

- increase and decrease earpiece or speakerphone volume during a call
- increase and decrease the ringer volume setting when the home screen is visible
- turn off an incoming call alert





Making and Answering Calls

This section describes basic calling features. To make video calls, see page 46.

Making a Call

To call a number, your phone must:

- be turned on with the phone and keypad unlocked
- have a SIM card inserted and unlocked
- have a network connection with adequate signal strength

Press	To
1 keypad keys	dial the phone number (up to 32 digits) Tip: If you make a mistake, press DELETE () to delete the last digit, or press and hold DELETE () to clear all digits.
2  (send key)	make the call
3  (end key)	end the call

Note: You can make an emergency call even when the phone is locked, or when a SIM card is not inserted. See page 54.

Answering a Call

To answer a call, your phone must:

- be turned on with the phone unlocked
- have a SIM card inserted and unlocked
- have a network connection with adequate signal strength


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

Press


1  or
ANSWER ()

To

answer the call

2  (end key) end the call

Viewing Your Phone Number

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

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

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.

Learning to Use Your Phone

See page 1 for a basic phone diagram.

Using the Display

The *home screen* (shown below) is the standard display when you are *not* on a call or using the menu.

Move the navigation key (○) up, down, left, or right for quick access:



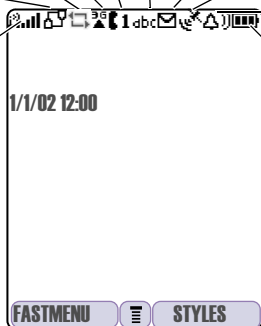
Note: The features above are an example. To change the features for the navigation key (○), see page 69.

The menu indicator (≡) at the bottom centre of the display indicates that you can press the menu key (☐) to display a 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.

At the top of the display are the following status indicators:

- ④ Service
- ③ Signal Security
- ② Data Service
- ① Signal Strength
- ⑤ Current Line
- ⑥ Text Case
- ⑦ Messages or Entry Method
- ⑧ AGPS Service
- ⑨ Alert Type
- ⑩ Battery Level





① Signal Strength Indicator Indicates the strength of your phone's connection with the network.

Strong      No signal

You cannot make or answer calls when the “no signal” indicator is displayed.



② Data Service Indicator Indicates when a packet data connection is available () or available and active (). This type of connection may be used by your service provider to allow faster data transfer speeds. The indicator does not mean that you are on a call; it indicates only that you are registered on the network with a packet data connection.

③ Signal Security Indicator Indicates when you have a secure connection for packet data transfers, embedded application connections, or circuit switch data calls.



④ Service Indicator Indicates when your phone uses your home network (📶) or another network (📶). When you leave your home network area, your phone *roams* or seeks another network.



⑤ Current Line Indicator Indicates when you have Voice Privacy on, a call in progress, or Call Diverting on. This icon also indicates which line is active (if you have a call on hold), and whether you have Caps Lock, Numeric Entry, or Symbol Entry switched on (when entering text).

⑥ Text Case Indicator Indicates the text case when you are in a text editor.

abc No capital letters

ABC All capital letters

Abc Next letter capital


To change the case in a text entry display, press



⑦ Message or Entry Method Indicator Indicates when you have a new voice (📞) or text (📧) message waiting. When you enter a text message, a number here indicates how many more characters can fit in the message.


Any time you enter text, an icon here indicates the entry method: **Symbol** (1@?), **Numeric** (123), **Primary**, or **Secondary**:


Primary	Secondary	
1	2	Tap, no capital letters
1↕	2↕	Tap, next letter capital
1↑	2↑	Tap, all capital letters
1□	2□	iTAP, no capital letters
1↕□	2↕□	iTAP, next letter capital
1↑□	2↑□	iTAP, all capital letters

To change the entry method, press  (see page 37).


⑧ AGPS Service Indicator Indicates when AGPS Service is off (grey icon), on (white icon), or on and finding your location (green icon).


⑨ Alert Type Indicator Indicates the current selected alert profile. The default alert setting is a ringer.

 = loud ring

 = soft ring

 = vibrate

 = ring and vibrate

 = silent

⑩ Battery Level Indicator Indicates the amount of charge left in the battery. The more bars visible, the greater the charge.


High     Empty

Recharge your battery as soon as possible when you see the **Low Battery** warning message and hear the low battery alert.

Note: When you charge the battery, the battery level indicator instead indicates how much of the charging process is complete. See page 15.

Using the 5-Way Navigation Key



Use the 5-way navigation key like a joystick to navigate the menu system, change feature settings, and play games.

Press it in to select a highlighted menu item. This press usually performs the same function as the right soft key ().



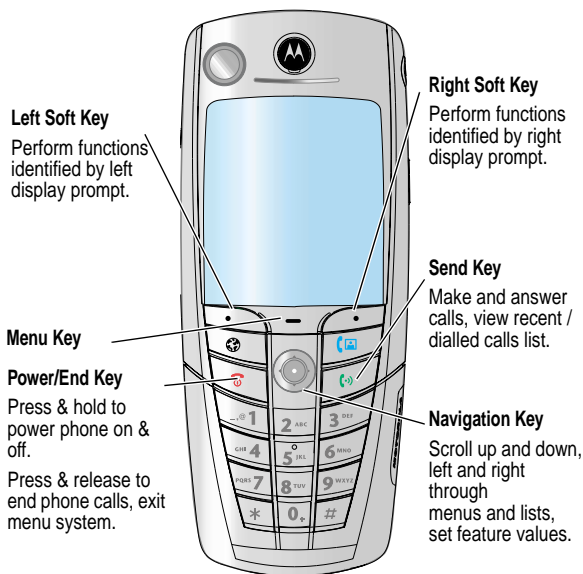
Tip: Down and up are the primary movements within menus. Move left and right to change feature settings, navigate the datebook, and edit text.


Using the Video Call and Browser Keys

Your phone has special keys that provide access to important features. Enter a phone number and press the Video Call key () to make a video call (see page 46). Pressing the Browser key () opens a Web session. You can use these keys any time you are not on a call.

Using Menus

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



Press  to 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.

 **Games & Apps**

 **Tools**

 **Datebook**

 **Settings**

 **Phonebook**

 **Messages**

 **Recent Calls**

 **Web Access**




 **Multimedia**

Selecting a Menu Feature

Select a menu feature as follows, starting from the home screen:

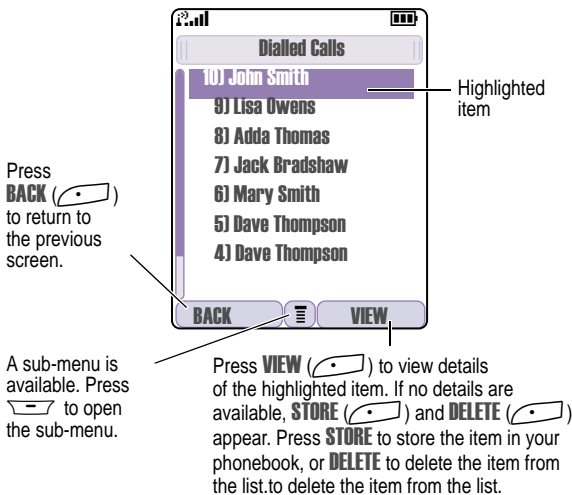
Find the Feature

 > **Multimedia**
> **Pictures**



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

Selecting a Feature Option

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

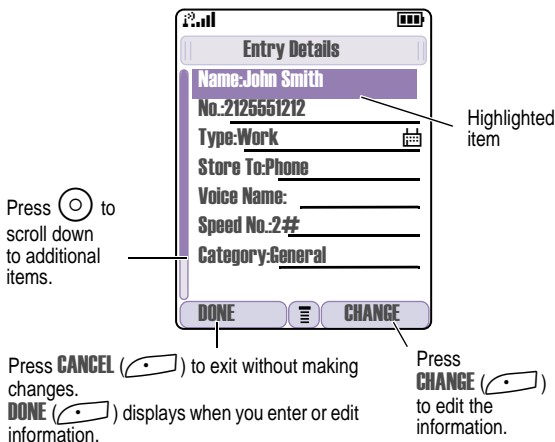


Select an item by highlighting it using one of the following:

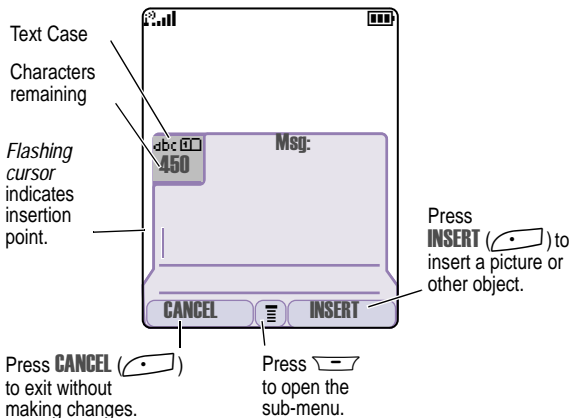
- Press  to scroll up or down to highlight an item.
- In a numbered list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list item.
- When an item has a list of possible values, press  to the left or right to scroll and select a value.
- When an item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

Entering and Editing Text

Some features require you to enter information.







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



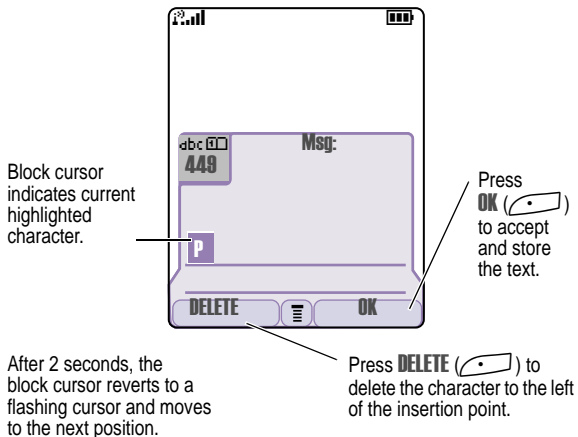
Using the Tap Method

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

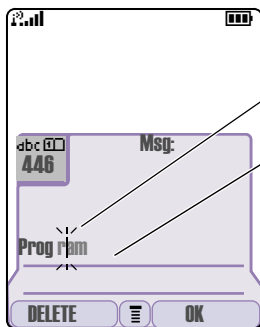
Press	To
1 A number key (one or more times)	select a letter, number, or symbol shown in the chart on page 31.
2 Number keys	enter remaining characters
	Tip: Press  right to accept a word completion, or  to insert a space
3 OK ()	store the text

In a text entry screen, you can press  to switch entry methods. An indicator tells you which method is active (see page 22). If **Tap Method** (1 or 2) is not available, see page 38.

When you enter text using the standard tap method, the flashing cursor changes to a *block cursor*, and 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:











Flashing cursor indicates insertion point.





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


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

Character Chart





Use this chart as a guide for entering spaces, numbers, letters, symbols, and other characters with the Tap method.

	. ? ! @ ' - : ; () & 1 _ ~ , " 0 ÷ ÿ % £ \$ ¥ ¤ € + x * / \ [] = > < # §
	a b c 2 ä å á à â ã æ α β ç
	d e f 3 δ ë é è ê ε φ
	g h i 4 ï í î γ η ι
	j k l 5 κ λ
	m n o 6 ñ ö ø ó ò ô õ μ ν ω
	p q r s 7 π β σ
	t u v 8 θ ü ú ù û τ

	w x y z 9 ξ ψ
	change text case, for capital letters
	enter a space (hold to enter a return)
	change text entry method (hold for default)

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

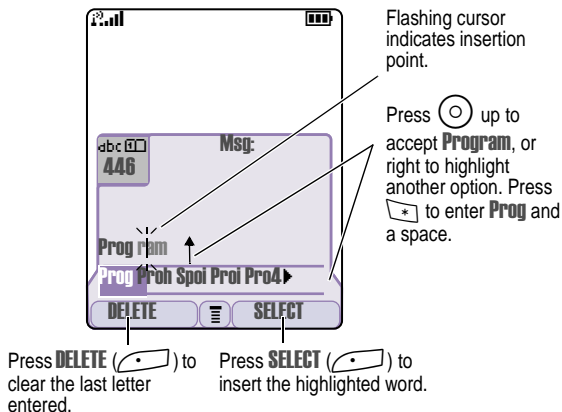
Tap Method Text Entry Rules

- Press a number key repeatedly to cycle through its characters. See the character chart on page 31.
- If you do not press a key for 2 seconds, the character in the block cursor is accepted, and the cursor moves to the next position.
- Press  left or right to move the flashing cursor to the left or right in a text message.
- The first character of every sentence is capitalised. To force the character to lowercase while it is highlighted by the block cursor, press  down.
- Your phone may support multiple languages. The current language setting determines whether a new message begins on the left or right side of the display. You can switch languages within a message. Press  to select the text entry method and language.
- If you enter or edit information and do not want to save your changes, press  to exit without saving.

Using iTAP™ Text Entry Method




iTAP™ is a predictive text entry method that lets you enter a word using one keypress per letter.

For example, if you press    , letter combinations that match your key presses appear:



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

Entering Words


In a text entry screen, you can press  to switch entry methods. An indicator tells you which method is active (see page 22). If **ITAP** ( or ) is not available, see page 38.

Press

1 Number keys (one press per letter)

To

show possible letter combinations at the bottom of the display

2  right or left

highlight the combination you want

Press

3 **SELECT** ()

To

lock a highlighted combination

You can press number keys to add more letters to the end of the combination.

or





enter the highlighted combination when it spells a word

A space appears after the word.



If you enter a word your phone does not recognise, your 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 as you add new words.

Using the Symbol Entry Method


In a text-entry screen, press  to switch entry methods until you see the Symbol icon () in the status bar.

Press

1 Number keys (one press per symbol)

To

show possible symbol combinations at the bottom of the display

2  right or left

highlight the combination you want

Press

3 **SELECT** ()

To

lock a highlighted combination

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

or















enter the highlighted combination

A space appears after the combination.


Symbol Chart


Use this chart as a guide for entering symbols in symbol method.

	. ! ' : () 1 ~ " ; % \$ ¢ + * \ = # § < >] [/ x € ¥ £ ¤ 0 , _ & ; - @ ?
	@ _ \
	/ : ;
	" & '
	() [] {}
	¿ ¡ ~
	< > =
	\$ £ ¥ ¢ €
	# % *
	+ - x * / \ [] = > < # §
	<i>enter a space (hold to enter a return)</i>
	<i>change text entry method (hold for default)</i>

Note: In an email address or URL editor,  shows the common characters for that editor first.

Using the Numeric Method

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

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

Deleting Letters and Words

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

Do This

Press **DELETE** ()


To

delete one letter at a time


Hold **DELETE** ()

delete the entire message

Copying, Cutting, and Pasting Text

Press  from a text entry screen to display these options:

Option	Description
Copy Text	tells your phone to copy the text you are about to highlight (see “Highlighting Text” below)
Copy All Text	copies all text in the editor
Cut Text	tells your phone to cut the text you are about to highlight (see “Highlighting Text” below)
Cut All Text	cuts all text in the editor
Paste	pastes the text you cut or copied
Undo	undoes the last copy, cut, or paste in the current text editor

Note: *Copy All Text* also appears in the menu (press ) when you are viewing details for a Phonebook entry, Datebook event, Browser page, Text Message, or Recent Calls entry.

Highlighting Text

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

Find the Feature

 > **Copy Text** or
Cut Text

Press

1 

To


scroll to the beginning of the text you want to copy or cut

2 **START** ()

turn on the highlighting marker

3 

scroll to the end of the text you want to copy or cut

4 **COPY** ()

copy or cut the text you selected

or


CUT ()

You can now paste the text in another location or file.

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

Choosing a Text Entry Method


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

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


Primary

The primary text entry method you set up (see the next section).

Numeric (123)	Enter numbers only.
Symbol (!@#?)	Enter symbols only (see page 34).
Secondary	The secondary text entry method you set up (see the next section).

Press  in any text entry screen to change your entry *case*. An icon in the status bar indicates when you select *no capital letters* (abc), *next letter capital only* (Abc), or *all capital letters* (ABC).

Setting Up a Text Entry Method

To set the primary or secondary text entry methods, press  > **Entry Setup** from any text entry screen. Select **Primary Setup** or **Secondary Setup**, and choose:

[None]	Hide the Secondary setting (only available for Secondary Setup).
ITAP	Let the phone predict each word as you press keys (see page 32).
Tap Method	Enter letters, numbers, and symbols by pressing a key 1 or more times (see page 29).

Locking and Unlocking Your Phone

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

When you try to use a locked phone, it prompts you for 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 54.

Locking Your Phone Manually

Find the Feature

 > **Settings** > **Security**
> **Phone Lock** > **Lock Now**

Press

1 keypad keys

2 **OK** ()

To

enter your four-digit unlock code

lock the 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

1 keypad keys

2 **OK** ()

To

enter your four-digit unlock code

set the phone to lock
automatically

Unlocking Your Phone

At the **Enter Unlock Code** prompt:

Press

1 keypad keys

2 **OK** ()

To

enter your four-digit unlock code

If you forget your unlock code,
see page 41.


unlock your phone

Changing Your Unlock Code

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

If your service provider has *not* reset these numbers, we recommend that you change them to prevent other users from accessing your personal information or modifying your phone settings. The unlock code must contain four digits, and the security code must contain six digits. Be sure to note the new numbers.

Notes:

- Your service provider may retain your phone's security code for customer service purposes. In this case, you cannot use phone features that require the security code (such as master clear, master reset, and the unlock code bypass feature).
- If the only password you can change is the unlock code, the **New Passwords** menu is unavailable and the **Unlock Code** option appears on the **Phone Lock** menu. In this case, open the unlock code editor by selecting:  > **Settings** > **Security** > **Phone Lock** > **Unlock Code**.

To change a code or password:

Find the Feature

 > **Settings** > **Security**
> **New Passwords**

Press

1 

To

scroll to the code or password you want to change

2 **CHANGE** ()

select the code or password



3 keypad keys

enter your old code

If you forget your unlock code, see page 41.

4 **OK** ()



submit your old code

Press	To
5 keypad keys	enter the new code
6 OK 	assign the new code
7 keypad keys	re-enter the new code
8 OK 	confirm the new code

If You Forget Your Unlock Code



If you forget your security code (originally set to 000000), SIM PIN, SIM PIN2, or call barring password, contact your service provider.

If you forget your unlock code, try entering 1234 or the last four digits of your phone number. If that does not work, when you see the **Enter Unlock Code** message:

Press	To
1 	go to the unlock code bypass screen
2 keypad keys	enter your security code
3 OK 	submit your security code

Locking and Unlocking the Keypad

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

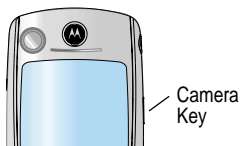
Press	To
 	lock or unlock keypad

Note: *Incoming calls unlock the keypad.*

Taking and Viewing Pictures

Taking Pictures

You can use your phone's camera key to take pictures quickly and easily.




Do This

- 1 Press the camera key


To


display the camera's image.

To change cameras, press  > **Internal View** (camera on the front of the phone) or **External View** (camera on the back of the phone).

- 2 Point your phone at the subject of the picture

find the picture you want to take

Note: Press  for a menu that lets you change the camera view or set up the picture resolution.

- 3 Press 

zoom the picture in and out

- 4 Press **CAPTURE** 

freeze the picture in your phone's display

- 5 Press **STORE** 

save the captured picture as a file, wallpaper, screen saver, or message attachment

Downloading Pictures



You can download pictures and animations to your phone and use them as wallpaper or a screen saver.

Viewing Pictures

Find the Feature

 > **Multimedia** > **Pictures**

Press


To

1 

scroll to the picture

2 **VIEW** 

view the picture

3  up or down

view the previous/next picture

or

DETAILS 

view picture information

or



open the **Pictures Menu** to perform other procedures as described in the following list

The **Pictures Menu** menu provides the following options:

Option	Description
Send	Insert selected picture in a new message.
New Picture	Capture a new picture.
New Slideshow	Create a slideshow from a series of stored pictures.
Set as Wallpaper	Set the picture as your phone's wallpaper image.
Set as Screen Saver	Set the picture as your phone's screen saver image.
Details	View picture information.
Rename	Rename the picture.

Option	Description
Delete	Delete the selected picture.
Delete All	Delete all pictures.
Setup	Open the setup menu to adjust picture settings.
Free Space	View memory space available for storing pictures.


To adjust your phone's wallpaper and screen saver images, see page 49.

Recording and Viewing Videos

Recording Videos

Find the Feature

 > **Multimedia** > **Videos**
> **[New Video]**


The image in the camera's viewfinder appears on your phone's display. To change cameras, press  > **Internal View** (camera on the front of the phone) or **External View** (camera on the back of the phone).


Do This

- 1 Point your phone at the subject of the video

To

find the scene you want to record

Note: Press  for a menu that lets you change the camera view or set the video quality, length, or sound.

- 2 Press 


zoom the image in and out

Do This

- 3 Press **CAPTURE** ()

To

start recording the scene in your phone's display

Tip: Press  to zoom in and out during the video.

-
- 4 Press **STOP** ()

stop recording

-
- 5 Press **STORE** ()

save the captured video as a file or message attachment

Watching Videos

Find the Feature

 > **Multimedia** > **Videos**

Press

- 1 

To

scroll to the video

-
- 2 **PLAY** ()

view the video

-
- 3 

control the video:

- ▲ pause
- ◀▶ rewind or fast forward
- ▼ stop

or

DETAILS ()

view video information

or







open the **Videos Menu** to perform other procedures as described in the following list

The **Videos Menu** includes the following options:

Option	Description
New Video	Capture a new video.
Details	View video information.
Rename	Rename the video.
Delete	Delete the selected video.
Delete All	Delete all videos.
Send	Insert selected video in a new message.
Setup	Change the settings for Auto Repeat , which tells your phone to play a video repeatedly until you stop it, and Timer , which shows a timer in your phone display.
Free Space	View memory space available for storing videos.

Making Video Calls

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

Press	To
1 keypad keys	dial the phone number (up to 32 digits)
2  (video call key)	display video call preview
3  (video call key) or Video Call 	make the call
4  (end key)	end the call

Using AGPS Location Information

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

Note: AGPS may not work in all locations and may not be available due to network, environmental, or interference issues. You cannot use your camera while your phone is checking your location.

Hiding or Showing Location Information

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

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

Find the Feature



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

Setting Up Your Phone

Storing Your Name and Phone Number



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

Find the Feature

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

If you do not know your phone number, contact your service provider. To view your phone number from the home screen or during a call, see page 20.

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*.

The ring style indicator in your display shows the current ring style (see page 22).

To set a ring style

Find the Feature

 > **Settings** > **Ring Styles**
> **Style**
> *the profile you want*

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

Note: Some ring tones vibrate automatically. If you use one of these tones, your phone vibrates even when it is not set to **Vibrate** or **VibeCRing**. To turn off these vibrations, see page 69.

To turn off alerts for messages that arrive during a call.

Find the Feature

 > **Settings** > **In-Call Setup**
> **Msg Alert**

Setting a Wallpaper Image

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

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

Find the Feature

 > **Settings** > **Personalise**
> **Wallpaper**

Setting	Description
Picture	select the picture or animation for the background image in your home screen
Layout	select Centre or Tile

Setting a Screen Saver Image

You can set a picture or animation as a screen saver image. The image is displayed when no activity is detected for a specified time period.

The screen saver image is shrunk to fill the display, if necessary. An animation repeats for one minute, then the first frame of the animation is displayed.

Find the Feature

 > **Settings** > **Personalise**
> **Screen Saver**

Setting	Description
Picture	select the picture that appears in your home screen
Delay	select how long your phone must be inactive before the screen saver picture appears Note: If this setting is longer than your Display Timeout setting, then your display will turn off before you ever see the screen saver.

Note: Using a screen saver can reduce battery life.

Setting Display Contrast and Brightness

Find the Feature











 > **Settings** > **Initial Setup**
> **Contrast** or **Brightness**

Setting Display Colour

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

Find the Feature

 > **Settings** > **Personalise**
> **Colour Style**
> *the style you want*

Note: To restore default colours, press   "COLOURS"
( +  +  +  +  +  +  + )

Setting the Display Backlight

You can set the amount of time that the display backlight remains on, or turn off the backlight to conserve battery power:

Find the Feature

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

Setting Your Display Timeout

This is a power-saving feature that turns off your phone's display when it is inactive for a selected time. Your display reactivates if you press a key or receive a call.

Find the Feature

 > **Settings** > **Initial Setup**
> **Display Timeout**
> *selected time*

Conserving Battery Power

Some networks and phones include a battery save setting to conserve battery power.

Find the Feature

 > **Settings** > **Initial Setup**
> **Battery Save**

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 current active phone line. See page 22.

Redialling a Number

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

Using Automatic Redial

If you receive a busy signal, your phone displays **Call Failed**.

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

To turn automatic redial on or off:

Find the Feature

 > **Settings** > **Initial Setup**
> **Auto Redial**

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

Press

 or **RETRY** ()

To

activate automatic redial

Using Caller ID

Incoming Calls



Calling line identification (caller ID) displays the phone number for incoming calls.

The phone displays the caller's name when the name is stored in your phonebook.


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  > **Hide ID/Show ID**

Cancelling an Incoming Call

While the phone is ringing or vibrating:

Press

 or **IGNORE** ()

To

cancel the incoming call



Depending on your phone settings and the type of subscription you have, 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

either volume key

To

turn off the alert

Calling an Emergency Number

Your service provider may program one or more emergency phone numbers, such as 999, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted. Your service provider can program additional emergency numbers into your SIM card. *However, your SIM card must be inserted in your phone in order to use the numbers stored on it.* See your service provider for additional information on this issue.

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

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

Press

1 keypad keys

To

dial the emergency number
(such as 999)

2



call the emergency number

Dialling International Numbers

To dial the local international access code:

Do This

Press and hold

To

insert the international access
code (+) for the country from
which you are dialling

Viewing Recent Calls

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

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

Find the Feature

> **Recent Calls**

Press

1

To

scroll to **Received Calls** or **Dialled Calls**

2

SELECT

select **Received Calls** or **Dialled Calls**

Press

3 


To

scroll to an entry you want to call, store, or delete

Note: ✓ means the call connected.

4 

call the entry's number

Tip: Press and hold  for two seconds to send the entry number as DTMF tones. To activate DTMF tones, see page 71.


or




make a video call to the entry's number

or



if **View** appears above the  key—view the entry's details



if **Store** appears above the  key—store the entry's details in the phonebook

or




open the **Last Calls Menu** to perform other procedures as described in the following list




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

Option	Description
Store	Create a phonebook entry with the selected number in the No. field. (This option does not appear if STORE appears above the  key, or if the number is already stored as a phonebook entry.)
Delete	Delete the entry. (This option does not appear if DELETE appears above the  key.)
Delete All	Delete all entries in the current list.
Hide ID/Show ID	Hide (or show) your caller ID for the next call.
Send Message	Create a new text message, with the selected number in the Tel No. field.
Add Digits	Add digits to the end of the selected number.
Attach Number	Attach another number from the phonebook or recent calls list to the end of the selected number.
Send Tones	Send the selected number to the network as DTMF tones, for credit card calling or password entry. (This option is available only during an active call.) To activate DTMF tones, see page 71.

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

Your phone stores the most recent string of digits entered on the keypad in a temporary memory location called the *notepad*. This can be a phone number that you called, or a number that you entered but did not call. To retrieve the number stored in the notepad:


Find the Feature

 > **Recent Calls** > **Notepad**

Press	To
 or  or STORE ()	call the number open the Dialling Menu to attach a number or insert a special character 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 call lists


Calling with Speed Dial

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

Press	To
1 keypad keys	enter the one-, two-, or three-digit speed dial number for the entry you want to dial
2 	submit the number
3 	call the entry

Calling with 1-Touch Dial

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

Note: Press and hold  to dial your voicemail number. To store your voicemail number, see page 60.

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

Find the Feature

 > **Settings** > **Initial Setup**
> **1-Touch Dial**

Using Voicemail



You can listen to your voicemail messages by calling your network voicemail phone number. Voicemail messages are stored on the network—not on your phone.

Storing Your Voicemail Number

Storing your voicemail number in your phone makes it easy for you to listen to voicemail messages. Your service provider may have already done this for you.

Find the Feature

 > **Messages**
 > **VoiceMail Setup**

Press

1 keypad keys

To

enter the phone number for your voicemail


2 **OK** ()

store the number

Receiving a New Voicemail Message

When you receive a voicemail message, your phone displays  (voice message waiting) and **New VoiceMail**.

Press

CALL ()


To

listen to the message

Listening to a Voicemail Message

Find the Feature

 > **Messages** > **VoiceMail**

Shortcut: Press and hold  in the home screen.

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

Using Call Waiting



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

Press

1 


To


answer the new call

2 **SWITCH** ()

switch back to the first call

or

LINK ()

Note: You can press **SWITCH** () at any time to switch between calls.




connect the two calls

You must turn on call waiting to use the feature.

Find the Feature

 > **Settings** > **In-Call Setup**
> **Call Waiting**

Putting a Call on Hold

Do This	To
Press HOLD () (if available)	put a call on hold
or	Your phone displays a  (flashing phone) indicator to indicate that the call is on hold.
Press  > 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

enter the phone number where you are transferring the call

2 

dial the phone number

Speak to the person who answers the target phone.

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 that 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.**



Games & Apps



Tools

- SIM Apps
- Calculator
- Shortcuts
- Dialling Services
 - Barred Dial
 - Fixed Dial
 - Service Dial
 - Quick Dial



Datebook



Settings

(see next page)



Phonebook



Messages



Recent Calls



Web Access

- Browser
- Web Shortcuts
- Stored Pages
- History
- Goto URL
- Browser Setup
- Web Sessions



Multimedia

- Camera
- Pictures
- Sounds
- Videos
- Video Camera

Settings Menu



Personalise

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



Ring Styles

Style
style Detail
My Tones



Connection

IrDA Link
Active Call
Bluetooth Link
Sync



Call Divert

Voice Calls
Video Calls
Cancel All
Divert Status



In-Call Setup

In-Call Timer
Call Cost Setup
My Caller ID
Answer Options
Call Waiting
Msg Alert



Initial Setup

Time and Date
1-Touch Dial
Auto Redial
Display Timeout
Backlight
Scroll
Haptics
Language

Battery Save

Contrast

Brightness

DTMF

Master Reset

Master Clear



Phone Status

My Tel. Numbers
Active Line
Battery Meter
User Accounts
Storage Devices
AGPS Service
Other Info...



Headset

Auto Answer
Ringer Options



Car Settings

Auto Answer
Auto Handsfree
Power Off Delay
Charger Time



Network

New Network
Network Setup
Available Net...
My Network List
Service Tone
Call Drop Tone



Security

Phone Lock
Lock Keypad
Lock Application
Show/Hide
Private Entries
Fixed Dial
Call Barring
SIM PIN

SIM PIN2

New Passwords



Java Settings









Java System
Network Access
DNS IP

Feature Quick Reference



You can do more with your phone than make and receive phone calls! For example, you can store frequently called numbers in the phonebook for easy dialling, organise your meetings and other events in the datebook, browse the Web, download applications, send messages and email, and more.













This chapter provides information to help you locate features on your phone that are not described in this user guide. For more detailed information, see the reference guide.

Calling Features








Feature	Description	
Conference Call	During a call:  > Hold , dial next number, press  , 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 Message	Send a text message: Press  > Messages > Messages  > Create Message















Feature	Description
Receive Message	Read a new text message or MMS picture message that you have received: Press READ 
Inbox Setup	Set up or edit the text message inbox settings:  > Messages  > Setup > Message Setup
Insert Pictures, Sounds, & Quick Notes	While composing a message:  > Insert <i>Note: To insert another object, select  > Insert again.</i>
Sent Messages	View sent messages:  > Messages > Outbox
Received Messages	Read received messages:  > Messages > Message Inbox Press  to perform various operations on the selected message.
Store Pictures & Sounds	Highlight a picture or sound in a message, then:  > Store
Info Services	Read subscription-based information services messages:  > Messages > Info Services 
Drafts	View messages saved in drafts folder:  > Messages > Drafts

Email










Feature	Description
Send Email Message	Send an email message:  > Messages > Email Messages  > New Email
Receive Email Message	Read a new email message that you have received: Press READ ()
Email Inbox Setup	Set up or edit the email message inbox settings:  > Messages  > Setup > Email Msg Setup
Manually Send & Receive	Manually send and receive email messages:  > Messages  > Send/Receive Mail

Phonebook




Feature	Description
Create Entry	Create a new phonebook entry:  > Phonebook  > New > Phone Number , Email Address , or Mailing List
Dial Number	Call a number stored in the phonebook:  > Phonebook > <i>entry to call</i>
Voice Dial Number	Voice dial a number stored in the phonebook: Press and hold  Say the entry's name (in two seconds)

Feature	Description
Edit Entry	<p>Edit a phonebook entry:</p> <p> > Phonebook > <i>entry to edit</i></p> <p>Press VIEW () , then press EDIT ()</p>
Delete Entry	<p>Delete a phonebook entry:</p> <p> > Phonebook > <i>entry to delete</i></p> <p> > Delete</p>
Sort Phonebook List	<p>Set the order in which phonebook entries are listed:</p> <p> > Phonebook</p> <p> > Setup > Sort by > <i>sort order</i></p>
Set Primary Number	<p>Set the primary number for a phonebook entry with multiple numbers:</p> <p> > Phonebook > <i>entry</i></p> <p> > Set Primary > <i>phone number</i></p>
Copy Phonebook Entry	<p>Copy a phonebook entry between the phone and SIM card:</p> <p> > Phonebook > <i>entry</i></p> <p> > Copy Entry</p>
Check Phonebook Capacity	<p>Check how much space remains for storing phonebook entries on the phone or SIM card:</p> <p> > Phonebook</p> <p> > Phone Capacity or SIM Capacity</p>
1-Touch Dial	<p>Set 1-touch dial to call entries stored in your phone memory phonebook or the SIM card phonebook:</p> <p> > Settings > Initial Setup > 1-Touch Dial</p>








Personalising Features



Feature	Description
Event Alert	Change an event alert:  > Settings > Ring Styles > Alert Detail > <i>event name</i>
My Tones	Compose your own ring tones, manage ring tones that you have composed or downloaded:  > Settings > Ring Styles > My Tones
Greeting Text	Change the greeting text that appears when you turn on your phone:  > Settings > Personalise > Greeting 
Haptic Vibrations	Turn on or off the vibrations in special games and ring tones:  > Settings > Initial Setup > Haptics
Menu View	Display the main menu as graphic icons or as a text-based list:  > Settings > Personalise > Main Menu > View
Home Screen Display and Features	Change layout, clock, soft key labels, and menu feature icons in the home screen:  > Settings > Personalise > Home Screen
Shortcuts	Create a shortcut to a menu item: Highlight the menu item, then press and hold  Select a shortcut:  > Shortcuts > <i>shortcut name</i>

Menu Features







Feature	Description
Language	Set menu language:  > Settings > Initial Setup > Language
Master Reset	Reset all options <i>except</i> unlock code, security code, lifetime timer:  > Settings > Initial Setup > Master Reset
Master Clear	Reset all options <i>except</i> unlock code, security code, lifetime timer, 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:  > Tools > Dialling Services > Fixed Dial 
Service Dial	Dial service phone numbers:  > Tools > Dialling Services > Service Dial 
Quick Dial	Dial pre-programmed phone numbers:  > Tools > Dialling Services > Quick Dial 

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


Call Monitoring


Feature	Description
Call Times	<p>View call timers:  > Recent Calls > Call Times</p> 
In-Call Timer	<p>Display time or cost information during a call:  > Settings > In-Call Setup > In-Call Timer</p> 
Call Cost	<p>View call cost trackers:  > Recent Calls > Call Cost</p> 

Handsfree Features



Feature	Description	
Speakerphone	Activate a connected external speakerphone during a call: Press SPEAKER () (if available) or  > Spkrphone On	
Auto Answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset:  > Settings > Car Settings or Headset > Auto Answer	
Auto Hands-Free (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 period of time after the ignition is switched off:  > Settings > Car Settings > Power-Off Delay	
Charger Time (car kit)	Charge the phone for a period of time after the ignition is switched off:  > Settings > Car Settings > Charger Time	

Data Calls








Feature	Description	
Send Data	Connect your phone to the device, then place the call through the device application	

Feature	Description
Receive Data	Connect your phone to the device, then answer the call through the device application 





Network Features

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




Personal Organiser Features












Feature	Description
Add Datebook Event	Add an event to the datebook:  > Tools > Datebook > <i>day</i>  > New
View Datebook Event	View or edit event details:  > Tools > Datebook > <i>day</i> > <i>event name</i>
Calculator	Calculate numbers:  > Tools > Calculator
Currency Converter	Convert currency:  > Tools > Calculator  > Exchange Rate Enter exchange rate, press OK () , enter amount, select \$ function

Security

Feature	Description
SIM PIN	Lock or unlock the SIM card:  > Settings > Security > SIM PIN Caution: If you enter an incorrect PIN code three times in a row, your SIM card is disabled and your phone displays SIM Blocked . Contact your service provider.
Lock Application	Lock phone applications:  > Settings > Security > Lock Application
Show or Hide Private Phonebook Entries	You can show or hide private phonebook entries:  > Settings > Security > Show/Hide Private Entries To change your private entry code:  > Settings > Security > New Passwords > Private Entries Code To mark an entry private, open it and change its Private setting to On .

News and Entertainment

Feature	Description
Launch Micro-Browser	Start a micro-browser session:  > WebAccess > Browser
Download Picture or Sound	Download a picture, animation, or sound file from a Web page: highlight the file, press SELECT () , press STORE ()

Feature	Description
Web Sessions	Select or create a Web session:  > WebAccess > Web Sessions
Launch Game or Java Application	Launch a Java game or application:  > Games & Apps , highlight the application, press SELECT ()
Download Game or Java Application	Download a Java game or application:  > WebAccess > Browser , highlight the application, press SELECT (), press DOWNLOAD ()
Network Access	Edit network connection settings for Java games and applications:  > Settings > Java Settings > Network Access
SIM Applications	Use SIM card applications:  > Tools > SIM Applications 
Picture Viewer	Manage pictures and animations:  > Multimedia > Pictures 

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.* Tests for SAR are conducted in accordance with CENELEC** 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 and locations (e.g., at the ear and worn on the body) that conform to a uniform testing methodology determined by an expert standards body. The highest SAR value for this model phone when tested for use at the ear is: 0.55 W/kg.***

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 modifications to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

-
- * The SAR limit recommended by international guidelines (ICNIRP) for mobile 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.
 - ** CENELEC is a European Union standards body.
 - *** Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

Warranty Information

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

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

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

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

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

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

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

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

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

How to get warranty service?

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

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

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

Conditions

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

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

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

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

What is not covered by the warranty

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

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

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

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

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