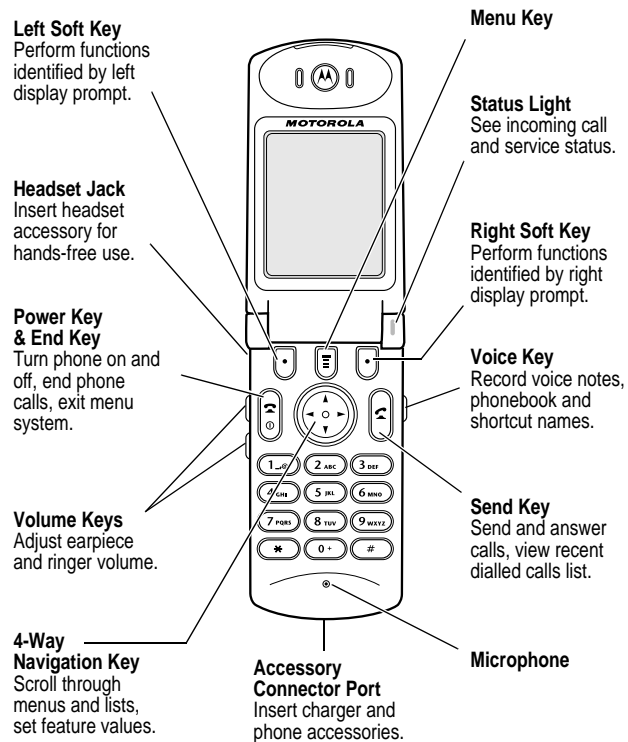


Welcome

Welcome to the world of Motorola digital wireless communications!
We are pleased that you have chosen the Motorola T720 GSM wireless phone.



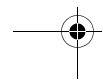
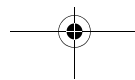
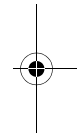
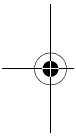


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Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION

READ THIS INFORMATION BEFORE USING YOUR PERSONAL COMMUNICATOR

The information provided in this document supersedes the general safety information contained in user guides published prior to this date. For information regarding radio use in a hazardous atmosphere please refer to the Factory Mutual (FM) Approval Manual Supplement or Instruction Card, which is included with radio models that offer this capability.

RF Operational Characteristics

Your Personal Communicator contains a transmitter and a receiver. When it is ON, it receives and transmits radio frequency (RF) energy. The Personal Communicator operates in the frequency range of 900 MHz to 1990 MHz and employs digital modulation techniques.

When you communicate with your Personal Communicator, the system handling your call controls the power level at which your personal communicator transmits. The output power level typically may vary over a range from 0.063 watts to 1.58 watts.

Exposure To Radio Frequency Energy

Your Motorola Personal Communicator is designed to comply with the following national and international standards and guidelines regarding exposure of human beings to radio frequency electromagnetic energy:

- United States Federal Communications Commission, Code of Federal Regulations; 47 CFR part 2 sub-part J

- American National Standards Institute (ANSI) / Institute of Electrical and Electronic Engineers (IEEE) C95. 1-1992
- Institute of Electrical and Electronic Engineers (IEEE) C95. 1-1999 Edition
- National Council on Radiation Protection and Measurements (NCRP) of the United States, Report 86, 1986
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998
- National Radiological Protection Board of the United Kingdom 1995
- Ministry of Health (Canada) Safety Code 6. Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999
- Australian Communications Authority Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 1999 (applicable to wireless phones only)

To assure optimal performance and make sure human exposure to radio frequency electromagnetic energy is within the guidelines set forth in the above standards, always adhere to the following procedures:

Portable Personal Communicator Operation and EME Exposure

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the Personal Communicator and may violate FCC and/or other applicable regulations.

DO NOT hold the antenna when the Personal Communicator is "IN USE". Holding the antenna affects call quality and may cause

the Personal Communicator to operate at a higher power level than needed.

Phone Operation

The Personal Communicator is designed to be used with a headset for talking and listening. The Personal Communicator can also be placed inside the holster, then the holster can be clipped onto your belt, pocket, handbag, or other apparel and used with the headset.

Body-worn Operation

To maintain compliance with FCC RF exposure guidelines, if you wear the Personal Communicator on your body when transmitting, always place the Personal Communicator in a **Motorola supplied or approved clip, holder, holster, case, or body harness**. Use of non-Motorola-approved accessories may exceed FCC RF exposure guidelines. **If you do not use a body-worn accessory, ensure the antenna is at least one inch (2.5 cm) from your body when transmitting.**

Approved Accessories

For a list of approved Motorola accessories, look in the accessory section of this manual.

Electromagnetic Interference/Compatibility

Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed or otherwise configured for electromagnetic compatibility.

Facilities

To avoid electromagnetic interference and/or compatibility conflicts, turn off your Personal Communicator in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your Personal Communicator when on board an aircraft. Any use of a Personal Communicator

shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Safety and General

Use in Vehicles

Check the laws and regulations on the use of phones in your vehicle. You are advised to always obey them.

When using your Personal Communicator in a vehicle, please:

- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call.

Operational Warnings

For Vehicles with an Air Bag

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

Potentially Explosive Atmospheres

Turn off your Personal Communicator prior to entering any area with a potentially explosive atmosphere, unless it is especially qualified for use in such areas as "Intrinsically Safe" (for example, Factory Mutual, CSA, or UL Approved). 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.

The areas with potentially explosive atmospheres referred to above include fueling 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, and any other area where you would normally be advised to turn off your vehicle engine. 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 Personal Communicator when you are near electrical blasting caps, in a blasting area, or in areas posted: "Turn off two-way radio". Obey all signs and instructions.

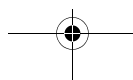
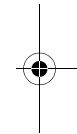
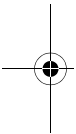
Operational Cautions

Antennas

Do not use the Personal Communicator if it has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.

Batteries

All batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, 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, purse, or other container with metal objects.

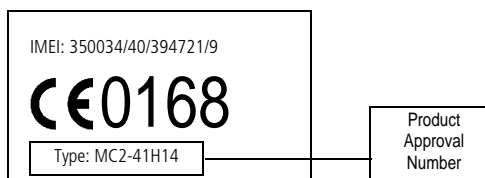


European Union Directives Conformance Statement

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.

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) (WarrantyTerm).

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.

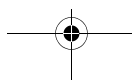
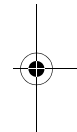
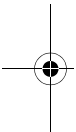
1. Defects or damage resulting from use of the Product in other than its normal and customary manner.
2. Defects or damage from misuse, access to incompatible sources, accident or neglect.
3. Defects or damage from improper testing, operation, maintenance, installation, adjustment, unauthorised software 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.



Getting Started

What's in the Box?

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

About This Guide

This user guide introduces you to your Motorola wireless phone.

Note: A reference guide for your phone is also available that describes your phone's features in more detail.

To obtain the reference guide for your phone, or another copy of this user guide, see the Motorola Web site at:

<http://motorola.com/consumer/manuals>

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.

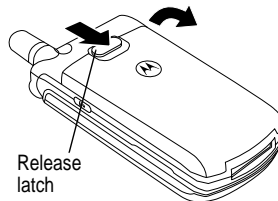
Installing the SIM Card

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

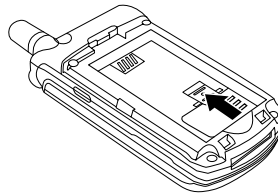
Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.

Do This

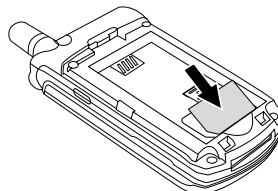
- 1 If necessary, slide down the battery door release latch and lift the door off of the phone.



- 2 Slide the SIM card latch up.

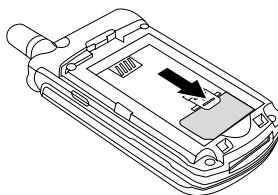


- 3 Insert the SIM card into the SIM card tray with the notch in the lower left corner and the gold plate facing down.



Do This

- 4 Slide the SIM card latch down to lock the SIM card in place.



Installing the Battery

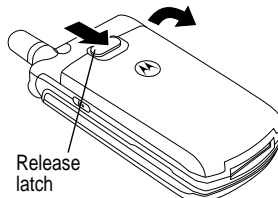
You must install and charge the battery to use your phone.



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 If necessary, slide down the battery door release latch and lift the door off of the phone.



Do This

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

***Note:** When you charge the battery, the battery level indicator in the upper right corner of the display shows how much of the charging process is complete.*

Battery Use

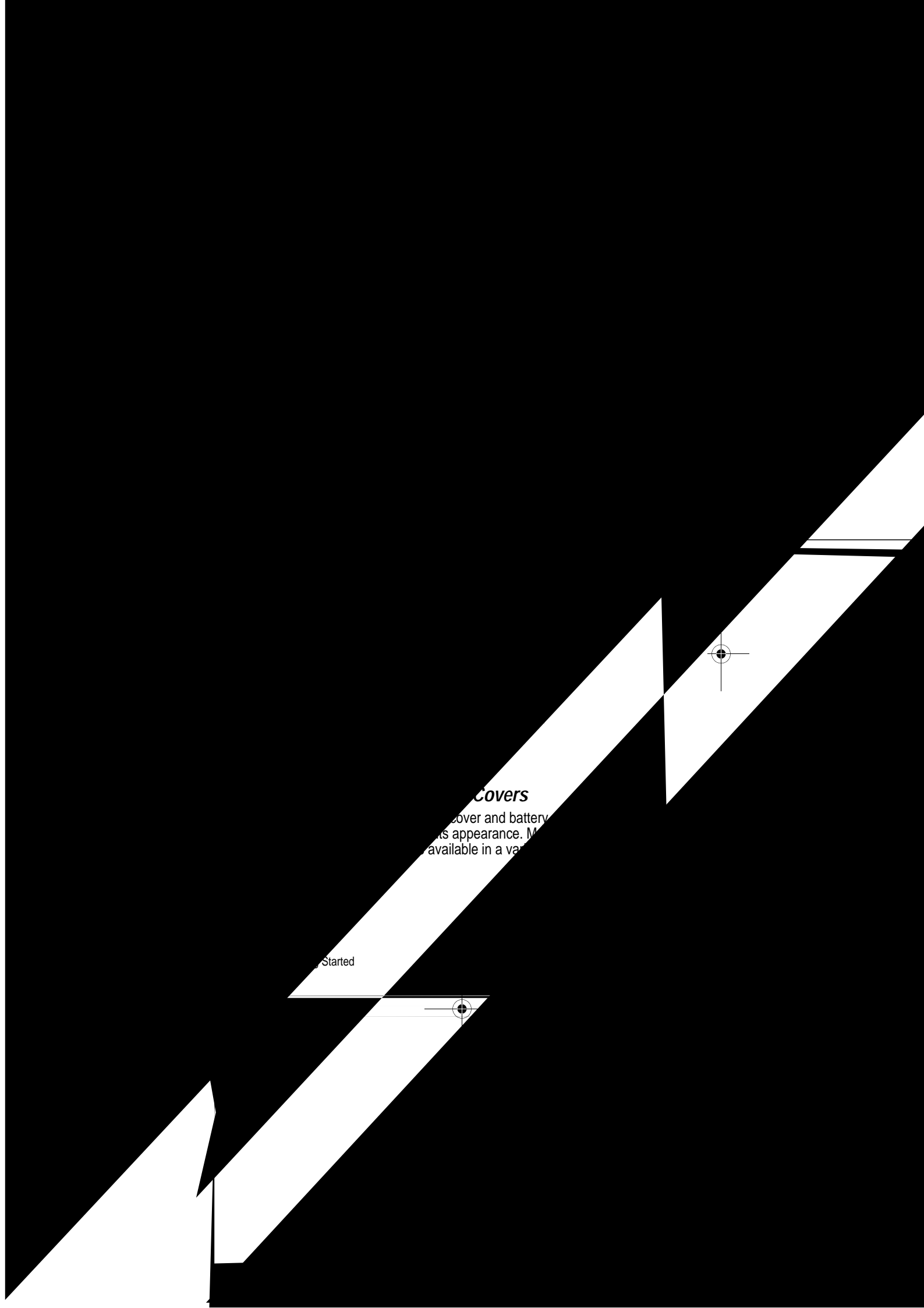
Battery performance depends on many factors, including your wireless carrier's network configuration; signal strength; the temperature at which you operate your phone; the features and/or settings you select and use; and your voice, data, and other application usage patterns.

Battery Care

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

To maximise your battery's performance:

- Always use Motorola Original™ batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.
- New batteries or batteries that have been stored for long periods of time may require a longer charge time.
- Maintain the battery at or near room temperature when charging.
- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.



Covers

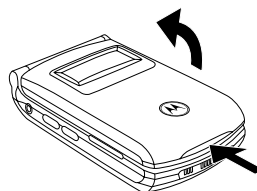
cover and battery
its appearance. M
available in a var

Started

Your phone is designed to be used only with Motorola Original accessories. See your Motorola retailer for these convertible covers.

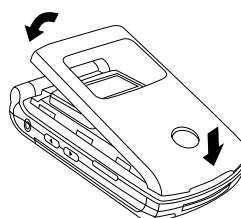
To remove a flip cover

Insert your fingernail into the slot at the base of the flip cover, then pull up and lift the cover off the phone



To attach a flip cover

Insert the tabs at the bottom of the new cover into the slots at the base of the phone, then push the cover down and snap it into place.



Turning Your Phone On

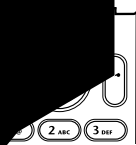
Do This

- 1 Open your phone

To

expose the keypad

To
turn on your phone



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**.

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

unlock your phone

Adjusting Volume



Press the up and down
volume keys to:

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

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



- turn off an incoming call alert


Making a Call

Press	To
1 keypad keys	dial the phone number
Tip: If you make a mistake, press DELETE (⏮) to delete the last digit, or press and hold DELETE (⏮) to clear all digits.	
2 	make the call
3 	end the call and “hang up” the phone when you are finished

Answering a Call

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

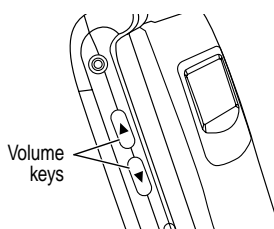
Press	To
1  or ANSWER (⏮)	answer the call
2 	end the call and “hang up” the phone when you are finished

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

Note: If the phone is locked, you must unlock it to answer the call.

Changing the Ringer Alert

Press the down volume key to switch the alert for incoming calls and other events to vibrate, then silent. Press the up volume key to reset your phone to ring alert.



Viewing Your Phone Number

From the idle display, press  .

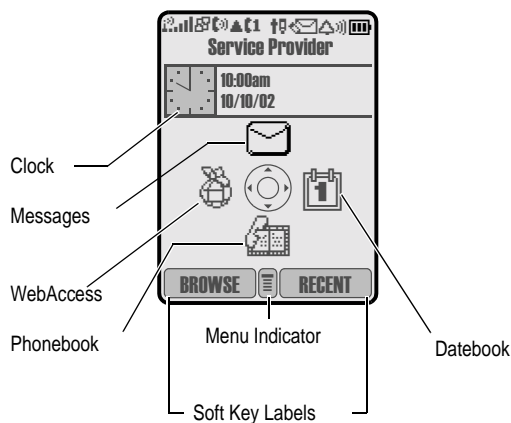
Note: *Your phone number must be stored on the SIM card to use this feature (see page 46).*

Learning to Use Your Phone

See page 1 for a basic phone diagram.

Using the Display

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

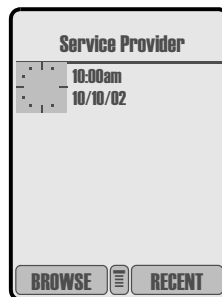



Press the 4-way navigation key (⤿) left, right, up, or down to select one of the four menu feature icons in the idle display.

The menu indicator (⌂) in the bottom centre of the display indicates you can press ⌂ to go to the main menu to see more features.

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

At the top of the display are a number of status indicators.



❶ Signal Strength Indicator Vertical bars show the strength of the network connection. You cannot make or receive calls when the  (no signal) indicator is displayed.

❷ GPRS Indicator Shows that your phone is using a high-speed GPRS network connection.

❸ In Use Indicator Shows that a call is in progress.

❹ Roam Indicator Shows that your phone is seeking or using another network system outside your home network.


❺ Active Line Indicator Shows the current active phone line.





⑥ Text Entry Mode Indicator Appears when you are in a text entry screen, to show the current active text entry mode.


⑦ Battery Level Indicator Vertical bars show the battery charge level. Recharge the battery when you see **Low Battery** and hear the low battery alert.


⑧ Ring Style Indicator Shows the ring style setting.

 = loud ring

 = soft ring

 = vibrate


 = vibrate and ring



 = silent

















⑨ Message Waiting Indicator Appears when you receive a text or email message.

Using Menus

From the idle display, press  to go to the main menu.





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

Menu Icon	Feature	Menu Icon	Feature
	Media Centre		Games & Apps
	Voice Notes		Shortcuts
	Calculator		Settings
	Phonebook		WebAccess
	More		Messages
	Datebook		Recent Calls
	Ring Styles		Services

Select a Menu Feature

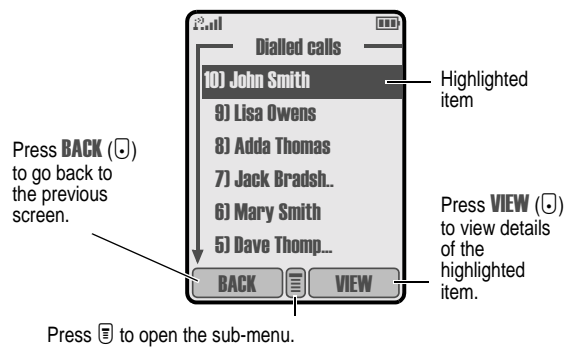
This guide shows you how to select a menu feature as follows, starting from the idle display (see page 27):

Find the Feature > More > Phonebook

This example shows that from the idle display, you must press , scroll to and select **More** () from the main menu, then scroll to and select **Phonebook**. Use the 4-way navigation key () to scroll, and the left/right soft keys () to select the functions listed in the bottom left and right corners of the display.

Select a Feature Option

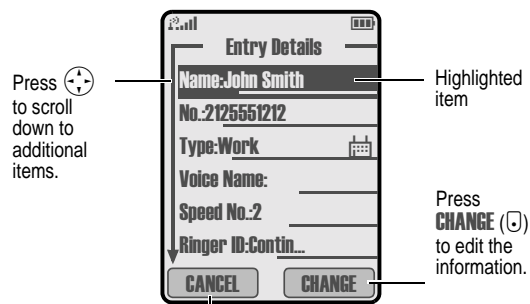
Some features require you to select an item from a list:



- Press ⬆/⬇ to scroll up or down to highlight the item you want.
- In a numbered list, press a number key to highlight the item.
- In an alphabetised list, press a key multiple times to cycle through the letters on the key and highlight the closest matching list item.

Enter Feature Information

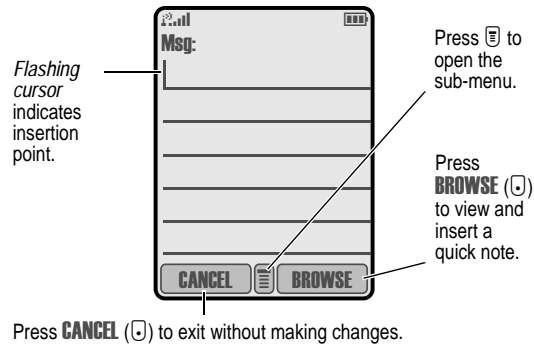
Some features require you to enter information:



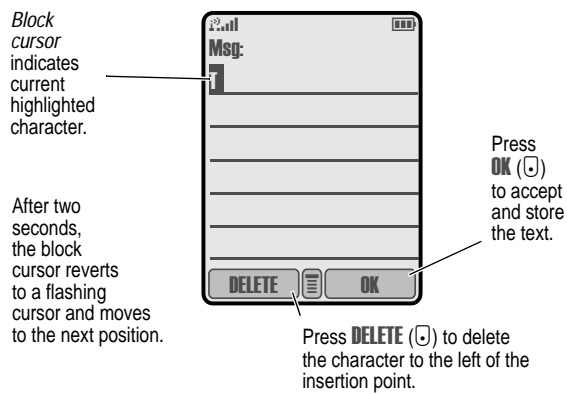
Press **CANCEL** (<Left>) to exit without making changes. **DONE** (<Right>) appears when you enter or edit information.

- Enter numbers or text with the keypad.
- When an item has a list of possible values, press <Left> to the left or right to scroll through and select a value.
- When an item has a list of possible numeric values, press a number key to set the value.
- If you enter or edit information and do not want to save your changes, press <Left> to exit without saving.

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




When you enter text using the standard tap method (see page 35), the flashing cursor changes to a *block cursor*, and the soft key functions change:



Entering Text

Multiple text entry methods make it easy for you to enter names, numbers, and messages on your phone.

Choose a Text Mode


Press  > **Entry Method** from any text entry screen to select a text mode:

ITAP	Let the phone predict each word as you enter it.
Tap Method	Enter letters, numbers, and symbols by pressing a key one or more times.
Numeric	Enter numbers only.
Symbol	Enter symbols only.
Browse	Browse your phonebook or recent call lists to select a name or number.

Note: The text mode you select remains active until you change it by selecting another mode.

Use Tap Method

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

Press  > **Entry Method** from any text entry screen and select the **Tap Method** menu option.

Press	To
1 A number key one or more times	select a letter, number, or symbol shown in the "Character Chart" on page 37
2 Number keys	enter the remaining characters

Press
3 OK (OK)

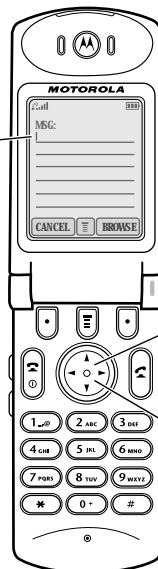
To
 store the text when you are
 finished

General Text Entry Rules

Press a number key repeatedly to cycle through its characters. See
 "Character Chart" on page 37.

Press a number
 key as many
 times as
 necessary
 to enter the
 desired
 character at
 flashing cursor
 location.


Press and hold
 a number key
 to cycle
 between text
 entry modes.



Press **up** or
down to
 change letter
 in block cursor
 to uppercase
 or lowercase.



Press **left** or
right to move flashing
 cursor to the
 left or right in
 text message.

- If you do not press a key for two seconds, the character in the block cursor is accepted, and the cursor moves to the next position.

- The first character of every sentence is capitalised. (Press  down to force the character to lowercase while it is highlighted by the block cursor.)

Character Chart


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

1 	space . 1 ? ! , @ _ & ~ : ; " - () ' ÿ ÿ % £ \$ ¥ ¤ €
2 ABC	a b c 2 ä å á à â ã α ó β ç
3 DEF	d e f 3 ð ë é è ê ε é φ
4 GHI	g h i 4 ï í î γ η ή ι í
5 JKL	j k l 5 κ λ
6 MNO	m n o 6 ñ ö ø ó ò ô õ μ ν ω ώ
7 PQRS	p q r s 7 π β σ
8 TUV	t u v 8 θ ü ú û ü τ
9 WXYZ	w x y z 9 ξ ψ
0 	+ - 0 x * / \ [] = > < # §

Note: This chart may not reflect the exact character set available on your phone.

Use iTAP™ Software Predictive Text Entry Method

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

Press  > **Entry Method** from any text entry screen and select the **iTAP** menu option.



Entering Words

Do This

- 1 Press a number key one time

To


enter the first letter of the word

The letters associated with the key are shown at the bottom of the display.

- 2 Press number keys (one per letter)

enter the rest of the word

Alternative words and letter combinations are shown at the bottom of the display. The word choices are updated with each keypress.

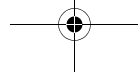
- 3 Press 

highlight the word you want

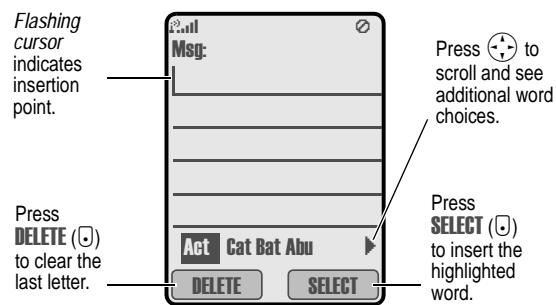
- 4 Press **SELECT** ()

enter the word at the flashing cursor location

A space is automatically inserted after the word.



For example, to spell the word “act,” press **2 ABC** **2 ABC** **8 TUV**. The display shows:



Entering Novel Words

You may enter a word that the iTAP software does not recognise. If the word is not displayed:

Do This



- 1 Press **DELETE** (X) one or more times
- 2 Press (arrow)
- 3 Press **SELECT** (X), then press (arrow) to the left
- 4 Continue to enter letters and highlight letter combinations

To

- delete letters until you see a letter combination that matches the start of the word
- highlight the letter or letter combination
- shift the text entry cursor to the left and “lock” the selected word portion
- spell the word

Entering Punctuation

Press

 or 


To

enter punctuation or other characters as shown in the "Character Chart" on page 37

Using Capitalisation

The first word of a sentence is automatically capitalised, with following words in lowercase.

Press

 up or down

To

change the words to initial character capitalised, all uppercase characters, or all lowercase characters

Entering Numbers

Do This

1 Enter the first digit and then highlight it

To

put the iTAP software in number entry mode

2 Press number keys

add digits to the number

3 Press **SELECT** ()

enter the number at the flashing cursor location

Deleting Letters and Words

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

Do This	To
Press DELETE (⏏)	delete one letter at a time
Hold DELETE (⏏)	delete the entire message

Use Symbol Mode

Your phone provides an alternative way to enter symbol characters in a message. Press **☰** > **Entry Method** from any text entry screen and select the **Symbol** menu option.

Do This	To
1 Press a number key one time	display its symbol options at the bottom of the display See "Symbol Chart" on page 41.
2 Press ☺ or Press the number key multiple times	highlight the symbol you want
3 Press SELECT (⏏)	enter the symbol at the flashing cursor location

Symbol Chart

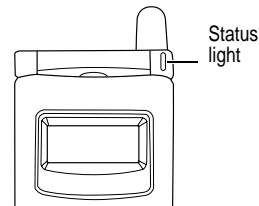
Use this chart as a guide for entering characters in symbol mode.

1 ☺	space . ? ! , @ _ & ~ : ; " - () ' ` ~ i % £ \$ ¥ ¢ €
2 ABC	@ _ \

3 <small>NUM</small>	/ : ;
4 <small>CH</small>	" & '
5 <small>HL</small>	() [] { }
6 <small>WWD</small>	¿ ¡ ~
7 <small>PGNS</small>	< > =
8 <small>NUM</small>	\$ £ ¥ ¤ €
9 <small>WSTZ</small>	# % *
0 <small>+</small>	+ - x * / = > < # §

Using the Status Light

The status light shows when you have an incoming call or message, or when your phone is *roaming* (using a non-home system).



Indication	State
alternating red/green	incoming call
flashing green	in service, home system
flashing yellow	roaming, non-home system
flashing red	no service

You can turn off the status light to increase your phone's *standby time*, the length of time that your phone's battery retains power when the phone is turned on but is not in use.

To turn the status light on or off:

Find the Feature

> **Settings** > **Initial Setup**
> **Status Light**

Using the External Display

When the flip is closed, the external display shows time, date, and phone status information. It also displays messages to notify you of incoming calls and other events. See page 28 for descriptions of the status indicators that may appear in the external display.

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. For more information, see page 53.


Lock 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 |

Unlock Your Phone

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

At the **Enter Unlock Code** prompt:

Press	To
1 keypad keys	enter your unlock code
2 OK (

Set Your Phone to Lock Automatically

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

Changing a Code, PIN, or Password

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

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



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

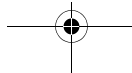
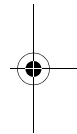
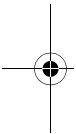


If You Forget a Code, PIN, or Password

If you forget your security code, SIM card PIN code, PIN2 code, 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, do the following at the **Enter Unlock Code** prompt:

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



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. See page 26 for how to view your phone number from the idle screen and during a call.

Setting the Time and Date

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


Find the Feature


 > **Settings > Initial Setup**
> **Time and Date**


Setting a Ring Style


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


You can select one of five different ring styles:

 = loud ring

 = soft ring

 = vibrate



 = vibrate and ring

 = silent

The ring style indicator in the display shows the current ring style (see page 28).


Each ring style contains settings for specific event alerts, ringer ID, and ringer and keypad volume.

Find the Feature  > **More** > **Ring Styles** > **Style**

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

Setting Answer Options

You can use any of several different methods to answer incoming calls.

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

Turn the following call answering options on or off:

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

Adjusting the Backlight

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

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

Conserving Battery Power

Some networks and phones include a battery save setting to conserve battery power. Your phone will automatically turn off the



keypad backlight when it detects that enough ambient light is available.

Find the Feature

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

Monitoring Battery Charge

To view a detailed battery charge meter:

Find the Feature

 > **Settings** > **Phone Status**
> **Battery Meter**

Setting a Wallpaper Image

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

***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**

Press


1 

To

scroll to **Picture**

2 **CHANGE** ()

open the picture viewer

3  up or down

scroll to a picture/animation

Scroll to **[None]** to turn off the wallpaper image.

4 **SELECT** ()

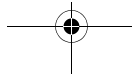
select the image

5 

scroll to **Layout**

6 **CHANGE** ()

adjust the image layout



Press

7 

To

scroll to **Centre** or **Tile**

Centre places the image in the centre of the display and, if necessary, shrinks the image to fill the display.

Tile fills the display with adjacent copies of the image

8 **SELECT** ()

confirm the layout setting

9 **DONE** ()

save wallpaper settings

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**

Press


1 

To

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**

Setting Display Colour

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

Zooming In and Out

Press and release , then press and hold  to zoom in and out on

Calling Features

For basic instructions on how to make and answer calls, see page 25.

Viewing Your Phone Number

From the idle display, 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 46. If you do not know your phone number, contact your service provider

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 28).

Redialling a Number

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

Press	To
3 	redial the number

Using Caller ID

Incoming Calls



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

Your phone displays the caller's name when the name is stored in your phonebook, or **Incoming Call** when caller ID information is not available.

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
 or IGNORE ()	cancel the incoming call



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

Turning Off a Call Alert


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

Press	To
either volume key	turn off the alert

Calling an Emergency Number

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

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

Press	To
1 keypad keys	dial the emergency number
2 	call the emergency number



Dialling International Numbers

To dial the local international access code:

Do This	To
Press and hold	insert the international access code (+) for the country from which you are calling

Viewing Recent Calls

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

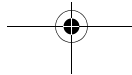
Shortcut: Press to go directly to the dialled calls list from the idle display.

Find the Feature

> **More** > **Recent Calls**

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

Note: ✓ means the call connected.




Press

4 

To



call the entry's number

Tip: Press and hold  for two seconds to send the entry number as DTMF tones. To activate DTMF tones, see page 67.

or

VIEW 

view entry details

If no details are available, **STORE**  appears to store the entry in your phonebook. If the entry is already stored, **DELETE**  appears to delete the entry from the list.

or



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

The **Last Calls Menu** includes 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.




Option	Description
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent call lists.
Send Tones	Send the number to the network as DTMF tones.
Talk then Fax	Talk and then send a fax in the same call. See page 69.



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  **> More > 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 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 speed dial number for the entry you want to call
2 	submit the number
3 	call the entry

Calling With 1-Touch Dial

To call phonebook entries 1 to 9, just press and hold the one-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 65.

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.

Store Your Voicemail Number

Storing your voicemail number in your phone makes it easy for you to listen to new voicemail messages. In many cases, your service provider has already done this for you.

Find the Feature

- > More > Messages
- > VoiceMail Setup


Press

- 1 keypad keys
- 2 OK (⏏)

To

- enter your voicemail number
- store the number

Receive a Voicemail Message

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

Press

- CALL (⏏)

To

- listen to the message

Transferring a Call



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

Announce the Call Transfer

Find the Feature

> Hold

Press

To

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

Do Not Announce the Call Transfer

Find the Feature

> Transfer

Press

To

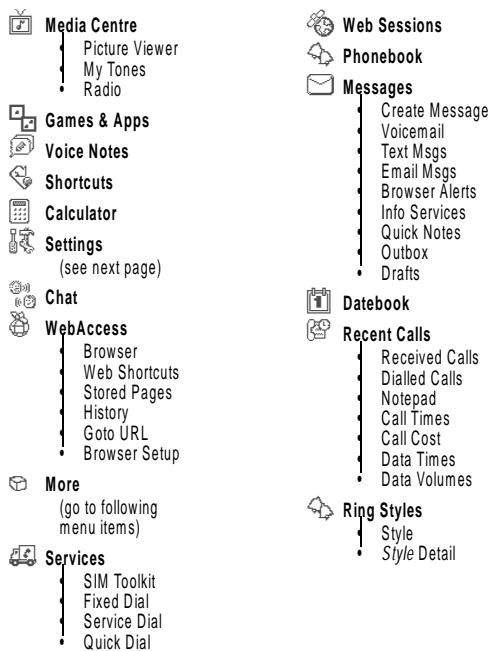
1	keypad keys	dial the number where you are transferring the call
2		transfer the call

Phone Features

Main Menu

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

For example, the **Radio** option under **Media Centre** is available only when the optional FM Stereo Radio Headset accessory is plugged into your phone.



Settings Menu

- Personalise
 - Main Menu
 - Home Keys
 - Colour Style
 - Greeting
 - Banner Graphic
 - Wallpaper
 - Screen Saver
 - Quick Dial
- 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
- Phone Status
 - My Tel. Numbers
 - Credit Info/Available
 - Active Line
 - Battery Meter
 - Other Information
- Security
 - Phone Lock
 - Lock Application
 - Fixed Dial
 - Call Barring
 - SIM Pin
 - New Passwords
- Initial Setup
 - Time and Date
 - 1-Touch Dial
 - Auto Redial
 - Backlight
 - Status Light
 - Zoom
 - Scroll
 - Animation
 - Language
 - Battery Save
 - Contrast
 - DTMF
 - Master Reset
 - Master Clear
- Java Tools
 - Java System
 - Network Access
 - DNS IP
- Network
- Car Settings
- Headset

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 Divert	Set up or cancel call divert: ☎ > Settings > Call Divert
Call Barring	Restrict outgoing or incoming calls: ☎ > Settings > Security > Call Barring




Messages

Feature	Description
Send Message	Send a text message: ☎ > More > Messages > New Message
Receive Message	Read a new text message that you have received: Press READ (☎)




Chat

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

Email

Feature	Description
Send Email Message	Send an email message:  > More > Messages > Email Msgs  > Create Email
Receive Email Message	Read a new email message that you have received: Press READ ()



Phonebook

Feature	Description
Create Entry	Create a new phonebook entry:  > More > Phonebook  > New > Phone Number or Email Address
Dial Number	Call a number stored in the phonebook:  > More > Phonebook > <i>entry to call</i>




Feature	Description
Voice Dial Number	Voice dial a number stored in the phonebook: Press and release the voice key, and say the entry's name (in two seconds)
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
Event Alert	Change an event alert: ☰ > More > Ring Styles > Style Detail > <i>event name</i>
Ring Volume	Adjust ringer volume: ☰ > More > Ring Styles > Style Detail > Ring Volume
Keypad Volume	Adjust keypad keypress volume: ☰ > More > Ring Styles > Style Detail > Key Volume
My Tones	Compose your own ring tones, manage ring tones that you have composed or downloaded: ☰ > Media Centre > My Tones
Soft Keys & Menu Icons	Change soft key labels and menu feature icons in the idle display: ☰ > Settings > Personalise > Home Keys


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

Menu Features




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

Dialling Features


Feature	Description
Fixed Dial	<p>Turn fixed dialling on or off:  > Settings > Security > Fixed Dial</p> <p>Use the fixed dial list:  > More > Services > Fixed Dial</p>
Service Dial	<p>Dial service phone numbers:  > More > Services > Service Dial</p>




Feature	Description
Quick Dial	Dial pre-programmed phone numbers: ☰ > More > Services > Quick Dial 
DTMF Tones	Activate DTMF tones: ☰ > Settings > Initial Setup > DTMF Send DTMF tones during a call: ☰ > Dialling Menu > Send Tones

Call Monitoring



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

Handsfree Features








Feature	Description
Speaker-phone	Activate a connected external speakerphone during a call: Press SPEAKER (☐) (if available) or ☰ > Spkrphone On 






Feature	Description
Talk Then Fax	Connect your phone to the device, enter the number, press  > Dialling Menu > 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
Add Datebook Event	Add an event to the datebook:  > More > Datebook > <i>day</i>  > New
View Datebook Event	View or edit event details:  > More > Datebook > <i>day</i> > <i>event name</i>
Event Reminder	View event reminder: VIEW () Dismiss event reminder EXIT ()
Set Alarm	Set the alarm clock (from datebook week view or day view):  > More > Datebook  > Alarm Clock

Feature	Description
Turn Off Alarm	Turn off alarm: Press EXIT (□) or  Set 8-minute delay: Press DELAY (□)
Record Voice Note	Record a voice note: Press and hold voice key, speak voice note, release voice key
Play Voice Note	Play back a recorded voice note:  > Voice Notes > <i>voice note</i>
Calculator	Calculate numbers:  > Calculator
Currency Converter	Convert currency:  > 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 .
Lock Application	Lock phone applications:  > Settings > Security > Lock Application

News and Entertainment

Feature	Description
Launch Micro-Browser	Start a micro-browser session: [Menu] > WebAccess > Web Browser
Web Sessions	Select or create a Web session: [Menu] > More > Web Sessions
Launch Game or Application	Launch a Java game or application: [Menu] > Games & Apps , highlight the application, press SELECT ([Enter])
Download Game or Application	Download a Java game or application: [Menu] > WebAccess > Web Browser , highlight the application, press SELECT ([Enter]), press DOWNLOAD ([Enter])
Picture Viewer	Manage pictures and animations: [Menu] > Media Centre > Picture Viewer 
Radio	Use the optional Motorola Original™ FM Stereo Radio Headset accessory: [Menu] > Media Centre > Radio 



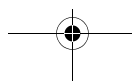
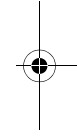
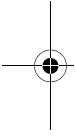
Specific Absorption Rate data

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 organizations 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: 0.93 W/kg.***



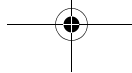
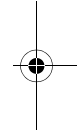
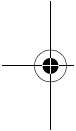


While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that modifications to this product model could cause differences in the SAR value for later products; in all cases, products are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



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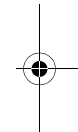
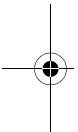
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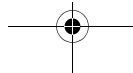


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