



***MOTOROLA***

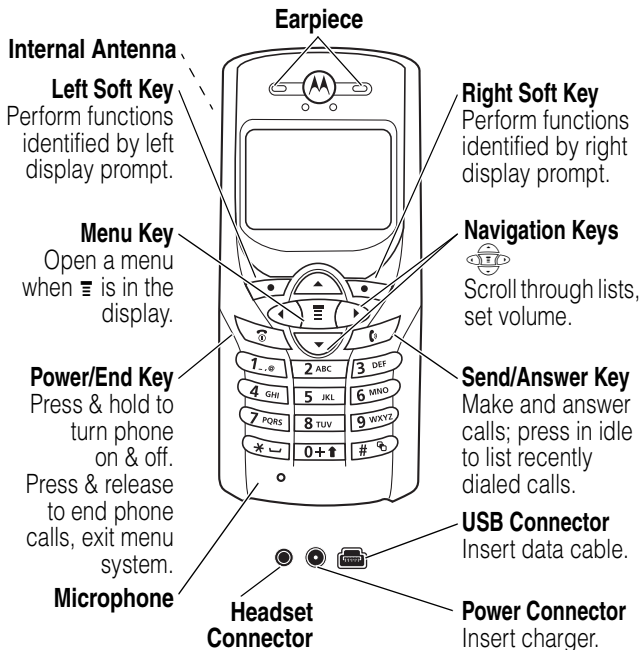
***START HERE >***



# Welcome

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Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola C370 Series GSM wireless phone.



You can change covers and keypads on your C370 Series phone (see page 18). Your phone may not appear exactly as the phone image above. Note that all key locations, sequences, and functions remain the same with any of the covers.

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[www.motorola.ca](http://www.motorola.ca) (Canada)

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# ***Safety and General Information***

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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. Unauthorized 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 unauthorized 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 centimeters) 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 centimeters) 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](http://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 centimeters) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimeters) from your pacemaker when the phone is turned ON.
- NOT carry the phone in the breast pocket.
- Use the ear opposite the pacemaker to minimize 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 physician 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.

Responsible driving best practices may be found in the “Wireless Phone Safety Tips” at the end of this manual and at the Motorola website:

[www.Motorola.com/callsmart](http://www.Motorola.com/callsmart).

## ***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 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. 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 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. **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.

# Getting Started

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## **What's in the Box?**

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

To purchase Motorola Original™ accessories, contact the Motorola Customer Call Center at 1-800-331-6456 in the United States or 1-800-461-4575 in Canada.

## **About This Guide**

This user guide describes how to use 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>

or contact the Motorola Customer Call Center at 1-800-331-6456 in the United States or 1-800-461-4575 in Canada.



## 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 Battery

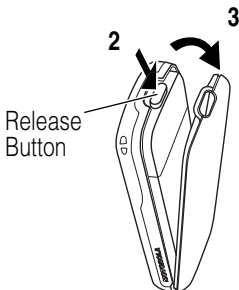
You must install and charge the battery to use your phone.



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.

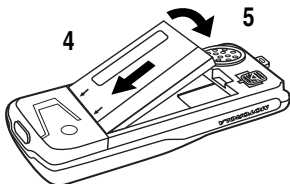
### Action

- 1 Remove the battery from its protective clear plastic case, if necessary.
- 2 Press down on the cover release button at the top of your phone.
- 3 Pull the top of the phone's back cover to release it.



**Action**

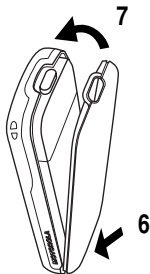
- 4 Insert the battery with printed arrows and 2 tabs at the top of the battery compartment.



- 5 Push down until the battery is inserted at the bottom.

- 6 Insert the bottom of the back cover.

- 7 Press the top of the back cover down until it hooks over the cover release button.



## ***Charging the Battery***

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

**Caution:** If the battery is fully discharged, your phone may not display **Charging** for up to 1 minute after inserting the



charger. **Do not** attempt to force the charger further in if you do not see an immediate response.

### Action

- 1 Plug the travel charger into the middle jack on the bottom of your phone.



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

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. See “Battery Level Indicator” on page 25.

## Battery Use

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

To maximize battery performance:

- Always use Motorola Original™ batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.
- New batteries or batteries that have been stored for a long time may require a longer initial 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 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.

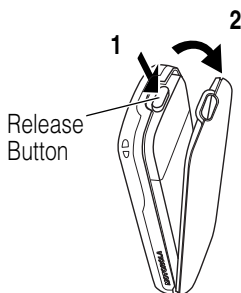
## ***Changing Your SIM Card***

Your SIM (Subscriber Identity Module) card contains your phone number, service details, and phonebook/message memory. It must be installed in your phone, and must be a **3-volt** SIM card. If you have problems with your SIM card, contact your service provider.

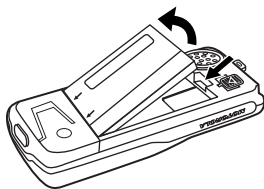
**Caution:** Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.

### Action

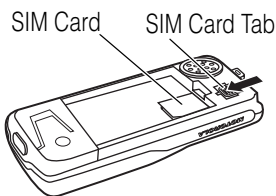
- 1 Press down on the cover release button at the top of your phone.
- 2 Pull the top of the phone's back cover to remove it.



- 3 Lift out the battery.



- 4 Slide the plastic SIM card tab forward to unlock the SIM card.



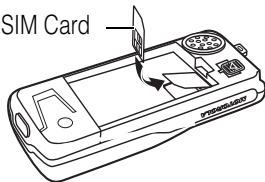
- 5 Lift out the old SIM card, if necessary.



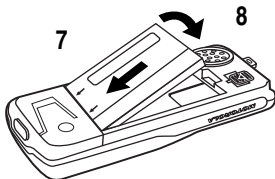
**Action**

- 6 Slide the new SIM card in the holder with the cut corner on the upper left and the gold plate facing down.

SIM Card



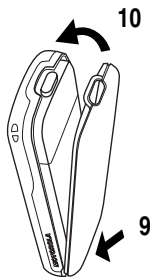
- 7 Insert the battery with printed arrows and 2 tabs at the top of the battery compartment.



- 8 Push down until the battery inserts at the bottom.

- 9 Insert the bottom of the back cover.

- 10 Press the top of the back cover down until it hooks over the cover release button.



## Changing Your Phone's Cover



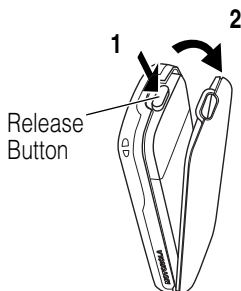
Always use Motorola Original™ covers. The phone warranty does not cover damage caused from using non-Motorola accessories.

Your phone uses a convertible cover and keypad that you can replace to completely change its appearance.

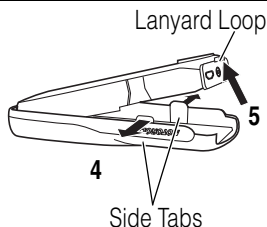
## ***Removing a Cover and Keypad***

### **Action**

- 1** Press down on the cover release button at the top of your phone.
- 2** Pull the top of the phone's back cover to remove it.



- 3** Pull the side tabs away from the phone.
- 4** Lift up on the lanyard loop to pull the phone out of the front cover.



## ***Installing a Cover and Keypad***

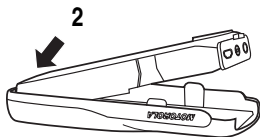
Always use the keypad that matches the new cover.



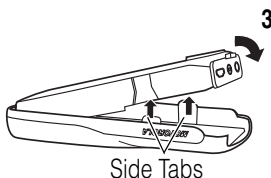
**Action**

- 1 If your phone has an end cap, install it before attaching the front cover.

- 2 Slide the top of the phone into the top of the new front cover.

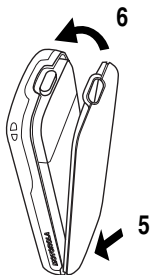


- 3 Press the bottom of the phone into the front cover until the side tabs snap into place.



- 4 Insert the bottom of the back cover.

- 5 Press the top of the back cover down until it hooks over the cover release button.



# Resetting Your Phone

If your phone freezes on a display, error message, or power up, reset it by removing and re-installing the battery:



## Action

- 1 Turn off your phone
- 2 Remove and re-install your battery as described on page 13.
- 3 Turn on your phone.

# Turning Your Phone On

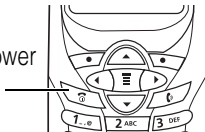
## Action

- 1 Press and hold



(End/Power key).

End/Power  
Key




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

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

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



**Note:** The unlock code is originally set to 1234.  
(For more information, see page 40.)

## Adjusting the Volume

You can adjust your phone's earpiece and ring tone volume by pressing right and left on the :

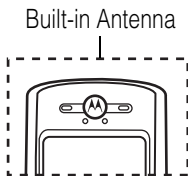





When	You Can Adjust
you are in a call	earpiece speaker volume
the display is idle	ring tone volume

**Tip:** At the lowest ring tone volume setting, press  left once to switch to vibrate alert. Press it again to switch to silent alert. Press  right to cycle back to vibrate alert, then ring alert.

## Making a Call


A built-in antenna is in the top of your phone. Do not block it while you are on a call.



Press	To
1 keypad keys	dial the phone number
	<p><b>Tip:</b> If you make a mistake, press <b>DELETE</b> () to delete the last digit, or press and hold <b>DELETE</b> () to delete all digits.</p>
2  (Send/Answer key)	make the call








Press	To
3  (Power/End key)	end the call and “hang up” the phone



## 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 key)	hang up when the call is done

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

## Viewing Your Phone Number

To view your phone number from the idle display, press  .

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

**Note:** You must store your phone number on your SIM card to use this feature. To store your phone number on your SIM card, see page 77. If you do not know your phone number, contact your service provider.

# Learning to Use Your Phone

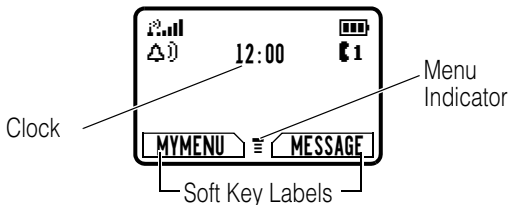
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
See page 1 for a basic phone diagram.



## Using the Display



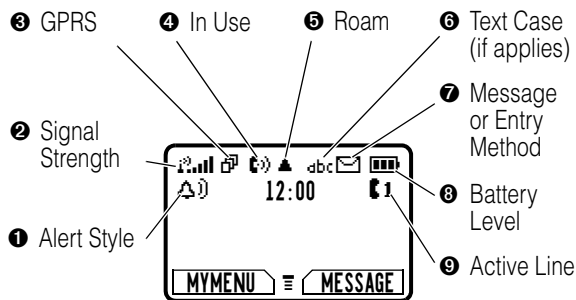
The *idle display* (shown below) is the standard display when you are not on a call or using the menu.



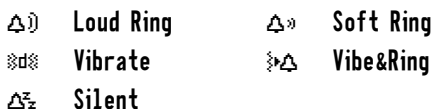
The  (menu) indicator at the bottom center of the display indicates you can press the menu key () to display the main menu to see more features.

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.

The following status indicators can appear:



**1 Alert Style Indicator** Shows the currently selected alert style. The default alert style is **Loud Ring**.



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



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



**3 GPRS Indicator** Indicates that your phone is using a high-speed GPRS network connection (G). GPRS allows faster data transfer speeds. The indicator does not mean that you are in a call; only that you are registered on the



network with a GPRS connection. Other possible indicators:



GPRS PDP context  
active



GPRS packet data  
available

**4 In Use Indicator** Indicates when you are on a call, and when you have a secure (🔒) or insecure (🔓) connection.



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

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



No capital letters



All capital letters



Next letter capital

To change the case, press **[0+1]** (see page 39).




**7 Message or Entry Method Indicator**





Indicates when you have an active Chat session, or 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** (!@#), **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
		iTAP, next letter capital
1⇄↑	2⇄↑	iTAP, all capital letters

To change the entry method, press  (see page 39).

**8 Battery Level Indicator** Shows the amount of charge left in your battery. The more bars visible, the greater the charge.

High     Low

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

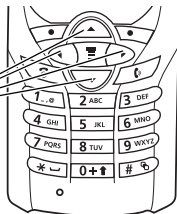
**9 Active Line Indicator** Shows  1 or  2 to indicate the currently active phone line.



# Using the 4-Way Navigation Keys

Use the 4-way navigation keys like a joystick to navigate the menu system, change feature settings, and play games.

Navigation Keys



**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 Menus

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

## Left Soft Key

Perform functions identified by left display prompt.

## Right Soft Key

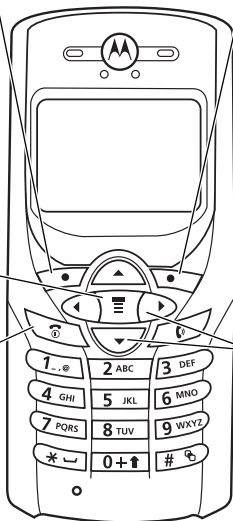
Perform functions identified by right display prompt.

## Menu Key

Enter menu system or open a sub-menu.

## Power/End Key

Press & hold to turn phone on & off.  
Press & release to end phone calls, exit menus.



## Navigation Keys

Scroll through menus & lists, set feature values.





## Selecting a Menu Feature

From the idle display, select a menu feature as follows:

### Find the Feature

 > **Recent Calls**  
> **Dialed Calls**



This example shows that from the idle display, you must press , scroll to and select **Recent Calls**, then scroll to and select **Dialed Calls** to display the dialed calls list. Use

 to scroll, and the left/right soft keys to perform the functions 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:



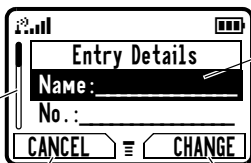
- Press  to scroll up or down to highlight an item.
- In a numbered list, press a number key to highlight the item.
- In an alphabetized list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list item.
- When an item has a list of possible values, press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


Some features require you to enter information.

Press  to scroll down to additional items.



Highlighted item

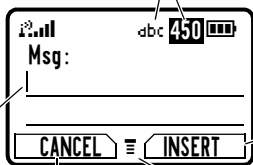
Press **CANCEL** () to exit without making changes.

**DONE** () displays when you enter or edit information.


Press **CHANGE** () or number keys to edit the information.

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


*Flashing cursor* indicates insertion point.



For indicators, see page 25

Press **INSERT** () to view and insert stored text or objects.




Press **CANCEL** () to exit without making changes.


Press  to open the sub-menu.



## Using the Tap Method

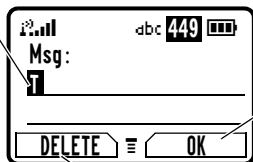
This is the standard method for entering text on your phone.

Press	To
1 A number key (one or more times)	select a letter, number, or symbol shown in the chart on page 33.
2 Number keys	enter remaining characters <b>Tip:</b> 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 25). If **Tap Method** (icon 1 or 2) is not available, see page 39.


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

Block cursor indicates currently highlighted character.

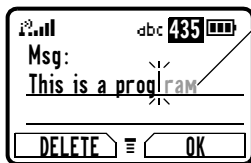




Press **OK** (  ) to accept and store the text.

After 2 seconds, the block cursor reverts to a flashing cursor and moves to the next position.

Press **DELETE** (  ) to delete the character to the left of the insertion point.

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:




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 characters with the tap method.


	\$ # ] [ / x + \$ % ¿ 1 " & ; _ ' , ? . ! @ - : ( ) ~
	0 ; £ ¥ € * \ = > <





	a b c 2 ä å à â ã α β ç
	d e f 3 δ ε έ è ê φ
	g h i 4 ï î ï γ
	j k l 5 λ
	m n o 6 ñ ö ø ó ò ô õ ω
	p q r s 7 π β σ
	t u v 8 θ ü ú û û
	w x y z 9 ξ ψ
	<i>change text case, for capital letters</i>
	<i>enter a space (hold to enter a return)</i>
	<i>change text entry method (hold for default)</i>

**Note:** This chart may not reflect the exact character set available on your phone. If you use the **Tap English** entry method, keys  through  only display the basic characters. In an email address or URL editor,  shows the common characters for that editor first.





### Tap Method Text Entry Rules

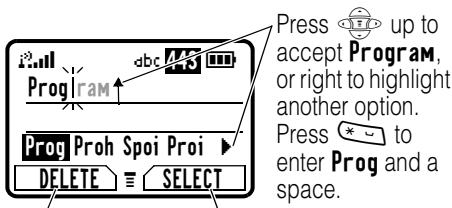
- Press a number key repeatedly to cycle through its characters. See the chart on page 33.
- If you do not press a key for 2 seconds, the character in the block cursor is accepted, and the cursor moves to the next position.
- Press  left or right to move the flashing cursor to the left or right in a text message.

- The first character of every sentence is capitalized. Press  down to force the character to lowercase while it is highlighted by the block cursor.
- 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.
- If you enter or edit information and do not want to save the changes, press  to exit without saving.

## Using the iTAP™ Method

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

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






Press **DELETE** () to clear the last letter entered.




Press **SELECT** () to insert the highlighted word.

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 25). If **iTAP** (icon  or ) is not available, see page 39.




	Press	To
1	Number keys (one press per letter)	show possible letter combinations at the bottom of the display
2	 right or left	highlight the combination you want
3	SELECT (  )	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 recognize, your phone stores it to use as one of your word options. When you fill memory space for unrecognized words, your phone deletes the oldest words as you add new words.







## Using the Symbol Method

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

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


	. ? ! , @ _ & ~ : ; " - ( ) ' ` ;   % £ \$ ¥ €
	@ _ \
	/ : ;
	" & '




5 JKL	()[]{}
6 MNO	!@~
7 PQRS	<>=
8 TUV	\$£¥ €
9 WXYZ	#%*
0 + 1	+ - x * / \ [ ] = > < # §
* ↵	enter a space (hold to enter a return)
# %	change text entry method (hold for default)

**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	To
Press <b>DELETE</b> (  )	delete one letter at a time
Hold <b>DELETE</b> (  )	delete the entire message




# 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:

<b>Primary</b>	The primary text entry method you set up (see the next section).
<b>Numeric</b> (123)	Enter numbers only.
<b>Symbol</b> (!@#)	Enter symbols only (see page 37).
<b>Secondary</b>	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 Method** > **Entry Setup** from any text entry screen. Select **Primary Setup** or **Secondary Setup**, and choose:

<b>(None)</b>	Hide the <b>Secondary</b> setting (only available for <b>Secondary Setup</b> ).
---------------	---



## Tap English

Enter common letters, numbers, and symbols by pressing a key 1 or more times (see page 32).

**Note:** With this Tap method, keys  through  include only the basic characters.

## Tap Extended

Enter common letters, numbers, and symbols by pressing a key 1 or more times (see page 32).

**Note:** With this Tap method, keys  through  include an extended list of characters.

## iTAP

Let the phone predict each word as you press keys (see page 35).

# Locking and Unlocking Your Phone

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


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

You can make emergency calls on your phone even when it is locked. See page 83.

## Locking Your Phone Manually


### Find the Feature

 > Settings > Security  
> Phone Lock  
> Lock Now

	Press	To
1	keypad keys	enter your 4-digit unlock code
2	OK (  )	lock the phone

## Unlocking Your Phone

At the **Enter Unlock Code** prompt:

	Press	To
1	keypad keys	enter your 4-digit unlock code  The unlock code is originally set to 1234. If necessary, see “If You Forget a Code or Password” on page 42.
2	OK (  )	unlock your phone


## Setting Your Phone to Lock Automatically

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

### Find the Feature

 > Settings > Security  
> Phone Lock  
> Automatic Lock > On



Press	To
1 keypad keys	enter your 4-digit unlock code
2 OK (  )	set the phone to lock automatically

## Changing a Code or Password

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

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

### Find the Feature



 > Settings > Security  
> New Passwords

You can reset your **Unlock Code**, **Security Code**, **SIM PIN2**, or **Bar Password** for call barring.

## If You Forget a Code or Password



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 4 digits of your phone number. If that does not work, do the following 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***

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

Press	To
 	lock or unlock the keypad

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



# Highlight Features

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

## Assigning Phone Themes



You can choose a single theme to set your wallpaper, screen saver, alert style, and other settings.

To download a theme, see page 62. When you receive the theme, you can instantly apply its settings when your phone prompts you to **Apply Now?** Your phone saves the downloaded files so that you can always apply them as individual items.

When you select a theme for your phone, the theme instantly applies all of its settings to your phone:

### Find the Feature

 > **Media Center**  
> **Themes**

	Press	To
1		scroll to the theme you want
2	<b>SELECT</b> (  )	apply the theme

### Notes:

- Phone settings that are set by the theme appear with the value **(Set by theme)**. Changing any one of the values set by the theme resets the **Themes** selection to

**Custom**, though the theme's settings all remain except for the one you changed.

- When you manually set the theme to **(None)**, all fields affected by the theme still use the current setting, with a value of **(Set by theme)**.
- You can download, use, and delete themes, but you cannot edit them. Downloaded themes may arrive in MTF files, compressed with files that they reference.


## ***Sending Text Messages, Pictures, and Sounds***

**Note:** Your message inbox must be set up before you can send and receive messages.

You can send three types of text messages (see page 47 for details about their contents):







- |                             |   |
|-----------------------------|---|
| <b>Short Message</b>        | You can attach a simple picture, animation, and a ring tone.  |
| <b>Letter</b>               | You can attach a simple picture and a sound file. You can set a priority and ask for a delivery receipt.          |
| <b>Postcard or Template</b> | You can attach a sound file and a picture or a slide show. You can set a priority and ask for a delivery receipt. |



**Shortcut:** While dialing (with digits visible in the display), you can press  > **Send Message** to create a text message addressed to the number entered.


## Find the Feature

## > Create Message

Press	To
1 	scroll to <b>New Short Msg</b> , <b>New Letter</b> , <b>New Postcard</b> , or <b>MMS Templates</b>  <b>Tip:</b> An <b>MMS Template</b> is a Postcard with a slide show and sound already attached.
2 <b>SELECT</b> (  )	select the type of message you want to send
3 keypad keys	complete the message contents (see the table after this procedure)
4 <b>OK</b> (  )	store the contents
5 keypad keys	enter the recipient's number
6 <b>OK</b> (  )	store the number
7 <b>DONE</b> (  )	finish the message
8 	scroll to <b>Send Message</b> to send the message  <b>or</b>  scroll to <b>Save to Drafts</b> to store the message in your <b>Drafts</b> folder, where you can edit it and send it at a later time.







Press	To
9 SELECT (  )	select the option

## Message Contents

You can enter the following contents in a message:

Item	Description
<b>Msg</b>	the text message you enter To insert an object, press:  > <b>Insert</b> > <i>object type</i> > <i>object</i>
<b>To</b>	one or more phone numbers or email addresses where you want to send the message  You can press <b>PH.BOOK</b> (  ) to select one or more phone numbers or email addresses from the phonebook
<b>CC</b> (only in Letters and Postcards)	phone numbers or email addresses where you want to send a carbon copy of the message









Item	Description
<b>BCC</b> (only in Letters and Postcards)	phone numbers or email addresses where you want to send a blind carbon copy of the message (nobody can see their address, and they cannot see the other addresses)
<b>Subject</b> (only in Letters and Postcards)	the subject line of the message
<b>Attachments</b> (only in Letters and Postcards)	select a picture or sound to attach
<b>Priority</b> (only in Letters and Postcards)	the message priority
<b>Receipt</b> (only in Letters and Postcards)	indicate if you want to receive a <b>Delivery Report</b> when the message arrives.

## Receiving Text Messages

**Note:** Your message inbox must be set up before you can send and receive messages.

When your inbox is full, you must delete old messages before you can open new ones. When you receive a new

message, your phone displays the  (message waiting indicator) and **New Message**, and sounds an alert.

Press	To
<b>READ</b> (  )	open the message (or your text message inbox if there are multiple messages)
<b>or</b>	
<b>DETAILS</b> (  )	open message details (or a list of messages if there are more than one)
	When you are viewing message details, press <b>DOWNLD</b> (  ) to download and read the message.

**Note:** **DETAILS** appears for MMS messages if **Download** is set to **Defer**

---

If reminders are turned on, your phone sends a reminder at regular intervals until you close the new message notification, read the message, or turn off your phone.


## ***Reading, Locking, or Deleting a Text Message***

Messages in the inbox are sorted from newest to oldest. The following indicators show message status:


 unread

 read


 unread with attachment


 read with attachment



 unread and urgent

 read and locked

 unread and urgent with attachment

 read and locked with attachment






**Note:** The files that you download or receive as attachments might have a lock that keeps you from forwarding them.


The oldest messages are deleted automatically as specified by the inbox **Cleanup** setting. If you want to save a message, you should lock it to prevent it from being deleted during cleanup.

### Find the Feature

 > **Messages**  
> **Message Inbox**



Press	To
1 	scroll to the message
2 <b>READ</b> (  )	open the message
3 <b>REPLY</b> (  )	Open a new text message, with the sender's <b>Reply To</b> number or email address in the <b>To</b> field
or	
<b>BACK</b> (  )	return to the message list
or	
	open the <b>Message Menu</b> to perform other procedures

While reading a message, press  for these options:

Option	Description
<b>Delete</b>	Delete the message.
<b>Call Back</b>	Call the number in the message header or embedded in the message.
<b>Go To</b>	Launch the micro-browser and go to a Web address (URL) embedded in the message.
<b>Reply</b>	Open a new text message, with the sender's <b>Reply To</b> number or email address in the <b>To</b> field.
<b>Forward</b>	Open a copy of the text message, with an empty <b>To</b> field.
<b>Chat</b>	Open a chat session with the message sender.
<b>Lock/Unlock</b>	Lock or Unlock the message.
<b>Store</b>	Store a message attachment (picture, animation, or sound file) or a phone number in the message.  You can also save some attachments as your <b>Wallpaper</b> , <b>Screen Saver</b> , or <b>Ring Tone</b> .
<b>Cleanup Messages</b>	Delete all unlocked and read messages.
<b>Create Message</b>	Open a new text message.
<b>Setup</b>	Open the text message inbox setup menu.




# Using Chat

You can exchange text messages in real time with another wireless phone user in a *chat session*. The messages you send appear immediately on your chat partner's phone.








## Starting a Chat Session




### Find the Feature

 > Chat


 > New Chat

Press	To
1 keypad keys	enter your <b>Chat Name</b>
2 OK (  )	save your <b>Chat Name</b>
3 keypad keys	enter your chat partner's phone number
or	
BROWSE (  )	select a number from the phonebook or recent call lists
4 OK (  )	store the number
5 keypad keys	enter your first chat message
or	
INSERT (  )	select a quick note
6 OK (  )	store the message



Press	To
7 <b>DONE</b> (  )	send the chat message  Your phone displays the chat log. A » appears next to your message until the message is sent. When your chat partner replies, the reply appears below your text.
8 <b>CHAT</b> (  )	enter a reply to your partner
9 <b>OK</b> (  )	send your reply

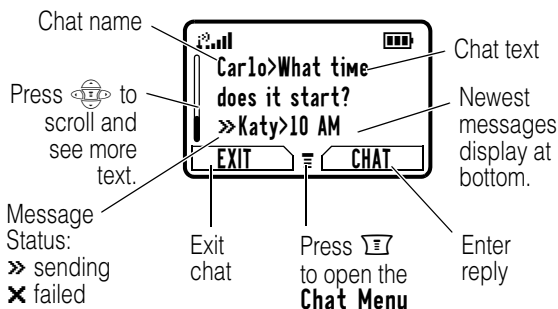
### Notes:

- If you send a chat message to a phone that only has text messaging, the chat text appears as a text message on the other phone. The reply appears as chat text on your phone.
- You can start a chat session from a text message. Press  and select **Chat** to start a new session with the sender's **Reply To** number in the **To** field.
- When your phone displays **Memory is Full!**, you must delete some existing messages from your inbox, outbox, or drafts folder to receive new chat messages.



## Using the Chat Log

The chat log displays the messages exchanged in a chat session.



## Using the Chat Menu

During a chat session, you can press to open the **Chat Menu** for the following options:



Option	Description
<b>New Chat</b>	Open a new chat session.
<b>Call Partner</b>	Call your chat partner.
<b>Call Number</b>	Call a number in the chat log, if available.
<b>Store Number</b>	Create a phonebook entry for a number in the chat log, if available.
<b>End Chat</b>	End the chat session.
<b>Go to Top</b>	Go to the top of the chat log.
<b>Go to Bottom</b>	Go to the bottom of the chat log.
<b>Clear Chat Log</b>	Clear all text from the chat log.



Option	Description
Re-send	Re-send your most recent chat message, if it failed.
Send Message	Create a new chat message.

## Responding to Chat

When you receive a chat message, your phone displays **Chat from** *chat name*, and sounds an alert.





Press	To
<b>ACCEPT</b> (  )	accept the chat session
or	
<b>IGNORE</b> (  )	refuse the chat session

If reminders are turned on, your phone reminds you at regular intervals until you respond to the chat notification or turn off your phone.

If you receive another chat request during a chat session, the new message appears as an incoming text message, with the requestor's *chat name* at the beginning of the message.



## Ending a Chat Session

Press	To
1 	open the <b>Chat Menu</b>
2 	scroll to <b>End Chat</b>
3 <b>SELECT</b> (  )	select <b>End Chat</b>
4 <b>YES</b> (  )	end the chat session

A chat session also ends when you turn off your phone, answer an incoming call, or start a new chat session.


Your chat partner is not notified when you end a chat session. If your partner sends more chat text, your phone treats it as an incoming text message, with your chat partner's *chat name* at the beginning of the message.

If you exit the chat log without selecting **End Chat**, and your chat partner sends another message, your phone notifies you and adds it to the chat log. You can re-enter the session by returning to the chat log.

## Creating a Phonebook Entry

You can store a phonebook entry on your phone or on the SIM card.

### Entering Information


**Shortcut:** Enter a phone number in the idle display, then press **STORE** () to create a phonebook entry with the number in the **No.** field.

To create or edit a phonebook entry:

### Find the Feature

-  > **Phonebook**
-  > **New**
- > **Phone Number** or  
**Email Address**

A phone number or email address is required for a phonebook entry. All other information is optional. You can enter the following information for a phonebook entry:

Entry Details	Description
<b>Name</b>	a name for the entry
<b>Category</b> (for entries stored to the phone)	the category that classifies the entry
<b>No. or Email</b>	the phone number or email address
<b>Type</b> (for phone numbers stored to the phone)	the type of phone number (only for phone numbers not stored on the SIM)
<b>Store To</b> (for phone numbers)	select whether to store a number on your <b>Phone</b> or <b>SIM</b>
<b>Voice Name</b> (for entries stored to the phone)	record a voice name for the entry Press and release <b>RECORD</b> (  ) , then say the entry's name (in two seconds).






Entry Details	Description
<b>Speed No.</b>	the number you use to <i>speed dial</i> the entry. Entries with a speed dial number from 1 to 100 are stored on your phone. Entries with a speed dial number of 101 or higher are stored on your SIM card. You cannot store Email entries on your SIM card.
<b>Ringer ID</b> (for entries stored to the phone)	the alert your phone should use when you receive calls or messages from this entry
<b>Picture</b> (for entries stored to the phone)	the picture that should appear when you receive calls or messages from this entry
<b>More</b>	create another entry with the same <b>Name</b>

## Completing a Phonebook Entry

When you are finished entering information for a phonebook entry:

Press	To
<b>DONE</b> (  )	store the entry and return to the phonebook list

---

---

# Recording a Voice Name For a Phonebook Entry

A voice name lets you call the phonebook entry using voice dial. You can record a voice name for a new or existing phonebook entry.







**Note:** You cannot record a voice name for an entry stored on a SIM card.

Record your voice name in a quiet location. Hold the phone about 4 inches (10 centimeters) from your mouth, and speak directly into the phone's microphone in a normal tone.



## Find the Feature



> Phonebook

Press	To
1 	scroll to the entry
2 <b>VIEW</b> (  )	view entry details
3 <b>EDIT</b> (  )	edit the entry
4 	scroll to <b>Voice Name</b>
5 <b>RECORD</b> (  )	begin recording
6 <b>RECORD</b> (  ) and release, then say the entry's name (within 2 seconds)	record the voice name



Press	To
7 <b>RECORD</b> (  ) and release, then repeat the name	confirm the voice name
8 Press <b>DONE</b> (  )	store the voice name

## Dialing a Phonebook Entry



Use one of the following procedures to call a number (or send a text message to an email address) stored in your phonebook.

**Note:** You can also use speed dial or 1-touch dial.



### Using the Phonebook List

**Find the Feature**  > Phonebook

Press	To
1 keypad key letters	jump to entries that begin with that letter (optional)
2 	scroll to the entry you want
3 	call the entry

### Using Voice Dial



**Find the Feature**  > Voice Dial

Say the prerecorded phonebook entry name.

# Using the Micro-Browser



The micro-browser lets you access Web pages and Web-based applications on your phone. Contact your service provider to set up access, if necessary.



**Note:** Your phone may use a high-speed GPRS (General Packet Radio Service) network connection. This type of connection can be identified by a  GPRS indicator in the idle display that disappears when you start a micro-browser session. If a  (connected call) indicator displays when you start a micro-browser session, your phone is using a standard voice channel connection. Your network connection charges may vary depending on the type of connection used.


## Starting a Micro-Browser Session



### Find the Feature




 > Web Access  
> Browser

Press	To
1 	scroll to a bookmark or service, or application
2 SELECT (  )	select the item

**Shortcut:** If you open a text message with a Web address (URL) in it, you can press  > Go To to launch the micro-browser and go directly to the URL.

If you are unable to establish a network connection with the micro-browser, contact your service provider.

## Interacting With Web Pages

Press	To
 up or down	scroll through a page
 left or right	go back to the previous page or forward to the next one
	open the <b>Browser Menu</b>

## Downloading Pictures, Games, and Sounds

You can download a picture, animation, sound, game upgrade, or theme from a Web page by selecting its link. A picture or animation displays when downloading is complete. A sound begins to play when downloading is complete.



You can store these object files on your phone, and use them as screen saver images, wallpaper images, and ring tones.

To download files with the browser on a desktop computer or your phone:

### Downloading a File Using a Web Browser

- 1 In the browser, go to the Web site and find the file you want.
- 2 Follow the directions on the site to purchase the file (payment details vary). The site sends a text message to your phone, containing the attached file or a URL link to the file.
- 3 Open the message and store the file (see page 49).



## Notes:

- Call charges apply during download sessions.
- When your phone runs out of memory for downloaded files, new files overwrite the old ones. Downloaded files share your phone's memory, so you can make room for a picture, for example, by deleting ring tones.
- *Some ring tones vibrate automatically.* If you use one of these tones, your phone vibrates even when it is not set to **Vibrate** or **Vibe&Ring**.

## Selecting or Creating a Web Session

Use this feature to select or create a *Web session*, or network connection profile. You can use different Web sessions to connect to the Internet in different ways.

### Find the Feature

 > **Web Access**  
> **Web Sessions**  
> **[New Entry]**



To create a Web session, you must configure the following settings. Contact your service provider to obtain the following information, if necessary. Actual field names and values may vary depending on the technologies available to your service provider. Some settings may not be available for all phone models.

Setting	Description
<b>Name</b>	Web session name
<b>Homepage</b>	default home page
<b>Gateway IP 1</b>	primary WAP gateway IP address
<b>Port 1</b>	primary WAP port number



Setting	Description
<b>Domain 1</b>	primary domain name
<b>Service Type 1</b>	primary WAP or HTTP security
<b>Gateway IP 2</b>	secondary WAP gateway IP address
<b>Port 2</b>	secondary WAP port number
<b>Domain 2</b>	secondary domain name
<b>Service Type 2</b>	secondary WAP or HTTP security
<b>DNS 1</b>	primary domain name service (DNS) IP address
<b>DNS 2</b>	secondary domain name service (DNS) IP address
<b>Timeout</b>	time at which the phone exits the micro-browser application when no keypress activity is detected
<b>CSD No. 1</b>	primary phone number to use to set up a CSD connection
<b>User Name 1</b>	user name for primary CSD number
<b>Password 1</b>	password for primary CSD number
<b>Speed (Bps) 1</b>	connection speed for primary CSD number
<b>Line Type 1</b>	line type (modem or ISDN) for primary CSD number
<b>CSD No. 2</b>	secondary CSD dial-up phone number

Setting	Description
User Name 2	user name for secondary CSD number
Password 2	password for secondary CSD number
Speed (Bps) 2	connection speed for secondary CSD number
Line Type 2	line type (modem or ISDN) for secondary CSD number
GPRS APN	GPRS access point name (the name of the WAP service provider)
User Name	user name for GPRS APN connection
Password	password for GPRS APN connection



## Java Applications






You can install and run Java applications on your phone. These applications add new features and services to your phone.

## Download an Application With the Micro-Browser

### Find the Feature

 > WebAccess > Browser

Go to the page that contains the application, then:

Press	To
1 	scroll to the application
2 SELECT (  )	view the application details
3 DWNLOAD (  )	download the application

You may see one of the following error messages when you download a kJava application. This section describes some common problems and their solutions.




Problem	Resolution
Insufficient Storage or Memory Full	You must delete another Java application before storing the file. See page 67.
Application Already Exists	The same version of this application is already installed. If an older version is installed, the message <b>Different Version Exists</b> appears, and you can update the application.
Failed: Invalid File or Failed: File Corrupt	The application file does not work on your phone. Contact the Web site host for details.

**Note:** Some games make your phone vibrate and light up.






## ***Launch a Java Application***

### **Find the Feature**

 > **Games & Apps**  
> *the application*

## ***Use Control Keys***




Your phone's keys perform the following functions in a Java application.

Key	Function
	Move up, down, left, or right in a game.
	"Fire" your weapon in a game.
	End the application.
	Call a number in the application.
	Open the Java applications menu.


## ***Analyze or Delete a Java Application***

### **Find the Feature**

 > **Games & Apps**

Press	To
1 	scroll to the application
2 	open the application manager menu
3 	scroll to a menu option



Press	To
4 SELECT (  )	select the option to perform procedures as described in the following list

The application manager menu includes the following options:

Option	Description
<b>View Details</b>	Display the suite name, vendor, version, number of apps, flash usage, and memory requirements.
<b>Delete</b>	Delete the suite.
<b>Show Memory or Hide Memory</b>	Show or hide the application's memory size in the application list view.




## ***Edit Network Connection Settings***

### ***Entering the DNS IP Address***

Your phone must be set up with a valid domain name service (DNS) IP address before you can run Java applications that require an active network connection. In many cases, your service provider has already entered this address for you. Contact your service provider to obtain the DNS IP address, if necessary.

#### **Find the Feature**

 > **Java Settings**  
> **DNS IP**





Press	To
1 keypad keys	enter the DNS IP address
2 OK (  )	save the IP address

## ***Approving Connections***

When Java applications try to establish network connections, call phone numbers, or send text messages, your phone prompts you for approval. To automatically approve connections, calls, or messages:

### **Find the Feature**

 > **Java Settings**

Press	To
1 	scroll to <b>Network Access, Phonebook Permissions, or SMS Permissions</b>
2 SELECT (  )	select the type of connection to approve
3 	scroll to <b>Always Ask, Ask Once Per App, or Never Ask</b>
4 SELECT (  )	select the highlighted setting



## ***View Java Version and Available Memory***

To view Java version information, or the amount of phone memory available for Java applications:

### **Find the Feature**

 > **Java Settings**  
> **Java System**



Press	To
1 	scroll through information as described in the following list
2 OK (  )	close the display

Option	Displays
<b>CLDC Version</b>	The connected limited device configuration version on your phone.
<b>MIDP Version</b>	The mobile information device profile version on your phone.
<b>Data Space</b>	Memory available for application data (such as phonebook entries or game scores).
<b>Program Space</b>	Amount of free memory available for Java applications.
<b>Heap Size</b>	Amount of runtime memory available for Java applications.
<b>Flash Space</b>	Available space for Java applications, including free memory and used memory.



To automatically show an application's memory size in the application list view, see page 69.

## Picture Viewer






Your phone contains pictures and animations that you can insert into text messages, and use as wallpaper and screen saver images.



To download pictures or animations, see page 62. Your phone may also include predefined images. You cannot rename, delete, or view details about predefined images.

## Find the Feature

 > **Media Center**  
> **Pictures**

Press	To
1 	scroll to the picture or animation name
2 <b>SELECT</b> (  )	view the picture or animation
3  left or right	view the previous/next picture
or	
<b>DETAILS</b> (  )	view picture information
or	
	open the <b>Picture Viewer</b> menu to perform other procedures as described in the following list

The **Pictures** menu can include the following options:

Option	Description
<b>Set as Wallpaper</b>	Set the picture as your wallpaper image.
<b>Set as Screen Saver</b>	Set the picture as your screen saver image.
<b>Details</b>	View picture information.
<b>Rename</b>	Rename the picture.



Option	Description
Delete	Delete the picture.
Delete All	Delete all pictures.
Send	Open a text message with the picture attached.
Free Space	Check the space available for more pictures and animations

## Playing Games

Your phone comes with games preloaded and you have the opportunity to purchase and download additional games. If you get an incoming call, message, alarm, or alert while playing a game, the game pauses.







### Selecting and Starting a New Game

#### Find the Feature

 > Games & Apps  
> *the game*



When the game is over, you can play again or return to the games menu. Depending on the game:

Press	To
BACK (  )	return to the games menu
or	
NO (  )	

Press	To
NEW (  ) or YES (  )	start another session of the game you just played

## Ending a Game

You can end a game at any time.

Press	To
BACK (  ) or 	end the game session and return to the games menu

## Editing Sound with MotoMixer

The MotoMixer lets you edit and save special MIDI-based sound files called *Groove Tunes* on your phone. These sound files are made up of 4 instruments such as *piano*, *bass*, *drums*, and *guitar*. The phone comes preloaded with base tracks (which cannot be edited or deleted), but you can download others and use them all to create or edit your own MIDI files.















## Create or Edit a Mix File

To create or edit a MotoMixer file:

### Find the Feature

 > **Media Center**  
> **MotoMixer**  
> **[New Mix]** or *a tune*

Press	To
1 	scroll to the base track
2 <b>SELECT</b> (  )	select the base track
3 <b>CHANGE</b> (  )	select <b>Name</b>
4 keypad keys	enter a name for the mix file you are creating (to enter text, see page 31)
5 <b>OK</b> (  )	store the name
6 <b>CHANGE</b> (  )	select <b>Tempo</b>
7  left or right	adjust the tempo setting
8 <b>OK</b> (  )	store the tempo setting
9 <b>CHANGE</b> (  )	select <b>Mix</b> to open the mix editor
10 <b>MIX</b> (  )	start playing/mixing the track
11 keypad keys	edit the instruments (see following section)
	The track plays to the end and stops. To edit your mix, press <b>MIX</b> (  ) again.
12 <b>BACK</b> (  )	close the base track editor
13 <b>DONE</b> (  )	close the mix file display



## Mix File Editing Display and Keys

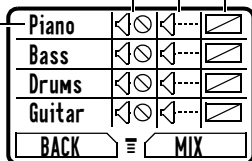
You can select the instruments you want to play and when you want to play them.


First column:  
(keys 1,4,7):  
on/off










Second column  
(keys 2,5,8):  
add effect

Third column:  
(keys 3,6,9):  
set variation

Name of  
instrument





Press **MIX** (  ) to play the mix file. Turn instruments on or off, add effects, and/or set an instrument variant using the following keypad keys.

Key	Effect
	Turn on/off first instrument ( <b>Piano</b> above)
	Add effect to first instrument
	Set variant for first instrument
	Turn on/off second instrument ( <b>Bass</b> above)
	Add effect to second instrument
	Set variant for second instrument
	Turn on/off third instrument ( <b>Drums</b> above)
	Add effect to third instrument
	Set variant for third instrument



Key	Effect
	Turn on/off fourth instrument ( <b>Guitar</b> above)
	Add effect to fourth instrument
	Set variant for fourth instrument

The track plays one time and then stops. Press **MIX** () again to continue mixing the track. Use the following keys to perform additional mix functions:

	Open the <b>Mix Menu</b> to reset 1 or all instruments
<b>BACK</b> (  )	Return to the <b>Mix Details</b> display when you are finished mixing







**Note:** To download new MotoMixer files, see page 62.

## ***Use, Edit, or Delete a Mix File***

To edit or delete a mix file, or set a mix file as a ring tone:

### **Find the Feature**

 > **Media Center**  
> **MotoMixer**

Press	To
1 	scroll to the file you want
2 	open the mix menu
3 	scroll to <b>Edit, Delete, Play, or Set as Ring Tone</b>
4 <b>SELECT</b> (  )	select the option

# ***Setting Up Your Phone***

---

## ***Storing Your Name and Phone Number***

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

### **Find the Feature**


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

If you do not know your phone number, contact your service provider. To view your phone number from the idle display or during a call, see page 23.

## ***Setting the Time and Date***

To use the datebook, you must set the time and date.

### **Find the Feature**

-  > Settings
  - > Other Settings
  - > Initial Setup
  - > Time and Date



## Setting an Alert Style


Your phone can ring or vibrate when you receive a call, message, or other event. This is called an *alert*. An indicator in the display shows the current alert style:

 **Loud Ring**

 **Soft Ring**

 **Vibrate**



 **Vibe&Ring**


 **Silent**

To set an alert style:

**Find the Feature**

 > **Alert Styles**  
> **Ring Style**

Press	To
1 	scroll to the style
2 <b>SELECT</b> (  )	select the style

**Tip:** You can choose a single theme to set your wallpaper, screen saver, alert style, and other settings. From idle, press  > **Media Center** > **Themes** and select a theme.

Each alert style has settings for specific event alerts and ringer and keypad volume. To change these settings:

**Find the Feature**

 > **Alert Styles**  
> **Loud Detail**

*Loud* changes to the name of the current Ring Style.




**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 **Vibe&Ring**.

## Setting Answer Options

You can use different methods to answer an incoming call.

### Find the Feature

 > **Settings**  
> **In-Call Setup**  
> **Answer Options**

### Multi-Key


answer by pressing any key

## Setting a Wallpaper Image


You can set a picture or an 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 displays.

### Find the Feature

 > **Settings**  
> **Other Settings**  
> **Personalize**  
> **Wallpaper**

Setting	Description
<b>Picture</b>	select the picture or animation for the background image in your idle display
<b>Layout</b>	select <b>Center</b> or <b>Tile</b>

**Tip:** You can choose a single theme to set your wallpaper, screen saver, alert style, and other settings. From idle, press  > **Media Center** > **Themes** and select a theme.




## Selecting a Screen Saver



You can set a picture or an animation as a screen saver image. The image displays when the phone detects no activity for a specified time.

The screen saver image shrinks to fit the display, if necessary. An animation repeats for 1 minute, then the first frame of the animation displays.

### Find the Feature

-  > **Settings**
- > **Other Settings**
- > **Personalize**
- > **Screen Saver**


Setting	Description
<b>Picture</b>	select the picture that appears when your phone is idle
<b>Delay</b>	select how long your phone must be idle before the screen saver picture appears

 **Tip:** You can choose a single theme to set your wallpaper, screen saver, alert style, and other settings. From idle, press  > **Media Center** > **Themes** and select a theme.

## Setting Display Color


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

### Find the Feature

-  > Settings
- > Other Settings
- > Personalize
- > Color Style

## Setting Display Contrast


### Find the Feature

-  > Settings
- > Other Settings
- > Initial Setup
- > Contrast

## Adjusting the 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
- > Other Settings
- > Initial Setup
- > Backlight



## Zooming In and Out

Press and release , then press and hold  to zoom in and out on the display. Zoom in to increase text size, zoom out to display more information.

You can also zoom in and out from the menu.

### **Find the Feature**


-  > Settings
- > Other Settings
- > Initial Setup > Zoom

## ***Conserving Battery Power***



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

### **Find the Feature**

-  > Settings
- > Other Settings
- > Initial Setup
- > Battery Save






# Calling Features

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

## Redialing a Number


From the idle display:

Press	To
1 	view the dialed calls list
2 	scroll to the entry you want
3 	redial the number

## Calling an Emergency Number

Your service provider programs one or more emergency phone numbers (such as 112 or 911) that you can call under any circumstances, even when your phone is locked.

**Note:** Emergency numbers vary by country. Your phone's 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



# 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 new voicemail messages. Your voicemail number is provided by your service provider.


### Find the Feature

-  > Messages
-  > VoiceMail Setup
- > VoiceMail No.


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

**Note:** You cannot store pause, wait, or n characters in this number. If you want to store a voicemail number with these characters, create a phonebook entry for it. Then, you can use the entry to call your voicemail. For more about these characters, see page 93.

## Receiving a New Voicemail Message

When you receive a voicemail message, your phone displays  (voice message waiting) and

**New VoiceMail.** Some networks only indicate when you have messages, whether they are new or not.

Press	To
CALL (  )	call the voicemail phone number you stored and listen to the message

---

## ***Listening to a Voicemail Message***

**Find the Feature**       > **Messages** > **VoiceMail**

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



# Phone Features

## Main Menu

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



**Voice Dial**



**Phonebook**



**Recent Calls**

- Received Calls
- Dialed Calls
- Notepad
- Call Times
- Call Cost
- Data Times
- Data Volumes



**Chat \***



**Alert Styles**

- Ring Style
- *alert* Detail



**Media Center**

- Themes
- Pictures
- Sound
- MotoMixer



**Games & Apps**



**WebAccess**

- Browser
- Web Shortcuts
- Stored Pages
- History
- Go to URL
- Web Sessions
- Browser Setup



**Office Tools**

- Datebook
- Calculator

**More**



**Alarm Clock**



**Settings**

- (see next page)



**MyMenu**



**Messages \***

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



**SIM Applications \***



**Fixed Dial**



**Service Dial \***



**Quick Dial**



**Java Settings**

- Java System
- Network Access
- Phonebook Permission
- SMS Permission
- DNS IP

**Note:** Select **More** when it appears in the menu to see more menu items.

\* optional network, SIM card, or subscription-dependent features



# Settings Menu

## Call Forward \*

- Voice Calls
- Fax Calls
- Data Calls
- Cancel All
- Forward Status

## Phone Status

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

## In-Call Setup

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

## Security

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

## Other Settings

- Personalize
  - Main Menu
  - Keys
  - Color Style
  - Greeting \*
  - Wallpaper
  - Screen Saver
  - Quick Dial \*
- Initial Setup
  - Time and Date
  - 1-Touch Dial
  - Backlight
  - Zoom
  - TTY Setup
  - Scroll
  - Animation
  - Language
  - Battery Save
  - Contrast
  - DTMF
  - Master Reset
  - Master Clear
- Network
  - New Network
  - Network Setup
  - Available Networks
  - My Network List
  - Service Tone
  - Call Drop Tone
- Car Settings
- Headset
  - Auto Answer
  - Voice Dial



**Note:** This is the standard phone menu layout. Menu organization and feature names may vary on your phone. Not all features may be available for all users.

\* optional network, SIM card, or subscription-dependent features

### Shortcuts



**Open Phonebook:**

**Press**   or  in idle

**Set Ring Volume:**

**Press**   or  in idle

**Change Display Zoom:**

**Press** , then hold 









## 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 dialing
- organize your meetings and other events in the datebook
- browse the Web
- download applications
- send messages












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

### Calling Features



Feature	Description
<b>Mute a Call</b>	During a call, press <b>MUTE</b> (  To unmute, press <b>UNMUTE</b> ( 
<b>Conference Call</b>	During a call:  > <b>Hold</b> , dial next number, press  , press <b>LINK</b> (  ) 
<b>Call Forwarding</b>	Set up or cancel call forwarding:  > <b>Settings</b> > <b>Call Forward</b> 




Feature	Description
<b>Call Barring</b>	<p>Restrict outgoing or incoming calls:</p> <p> &gt; <b>Settings</b>          &gt; <b>Security</b>          &gt; <b>Call Barring</b></p> 
<b>TTY Calls</b>	<p>Set up your phone for use with an optional TTY device:</p> <p> &gt; <b>Settings</b>          &gt; <b>Other Settings</b> &gt; <b>Initial Setup</b>          &gt; <b>TTY Setup</b></p> 
<b>Caller ID</b>	<p><i>Calling line identification</i> (caller ID) displays the phone number for incoming calls. To hide your phone number before you make a call or send a message:</p> <p> &gt; <b>Settings</b> &gt; <b>In-Call Setup</b>          &gt; <b>My Caller ID</b> &gt; <b>Next Call Only</b></p> 
<b>Cancel an Incoming Call</b>	<p>While the phone is ringing or vibrating, press <b>IGNORE</b> ().</p> <p>The call may be forwarded, or the caller may hear a busy signal.</p> 
<b>Turn Off an Alert</b>	<p>To turn off your call alert when an incoming call arrives, press  left or right before answering the call.</p>

Feature	Description
<b>Dial Internat'l Numbers</b>	Press  for 2 seconds to insert the international access code (*). Follow this with the country code and the number you are calling.
<b>View Recent Calls</b>	 > <b>Recent Calls</b> > <b>Received Calls</b> or <b>Dialed Calls</b>  <b>Note:</b> ✓ means the call connected. Select a call and press  to dial it, or press  for more options.
<b>Return Missed Calls</b>	When your phone displays <b>Missed Calls</b> , press <b>VIEW</b> (  ) to see the list of calls, and press  to dial the selected call.
<b>View Last Entry</b>	To see the last digits you entered:  > <b>Recent Calls</b> > <b>Notepad</b>
<b>Attach a Number</b>	While entering a phone number, press  > <b>Attach Number</b> to attach a number from the phonebook or recent calls list.
<b>Speed Dial</b>	Call a phonebook entry by pressing its <b>Speed Dial No.</b> plus   . <b>Example:</b> Press     to dial phonebook entry <b>22</b> .
<b>1-Touch Dial</b>	Call phonebook entries <b>1</b> through <b>9</b> by pressing and holding the entry number in the idle display.









Feature	Description
<b>Call Waiting</b>	<p>While you are on a call, you can press  to answer a second incoming call. Then, press <b>SWITCH</b> () to switch between the calls or <b>LINK</b> () to connect them.</p> <p>To turn call waiting on or off:   &gt; <b>Settings</b> &gt; <b>In-Call Setup</b> &gt; <b>Call Waiting</b></p>
<b>Put a Call on Hold</b>	<p>During the call, press  &gt; <b>Hold</b>. Your phone displays a  (flashing phone) when a call is on hold.</p>
<b>Transfer a Call</b>	<p>During a call, press  &gt; <b>Transfer</b> (<i>target number</i>)  to transfer it.</p> <p><b>Note:</b> You can also press  &gt; <b>Hold</b> (<i>target number</i>) , speak to the receiving party, then  &gt; <b>Transfer</b></p>

## Message Features

Feature	Description
<b>Send Message</b>	<p>Send a text message:   &gt; <b>Messages</b> &gt; <b>Create Message</b>          To enter text, see page 31.</p>
<b>Insert Pictures and Sounds</b>	<p>While composing a message:   &gt; <b>Insert</b></p>







Feature	Description
<b>Received Messages</b>	Read received messages:  > <b>Messages</b> > <b>Message Inbox</b> Press  to perform various operations on the selected message.
<b>Store Pictures and Sounds</b>	Highlight a picture or sound in a message, then:  > <b>Store</b>







## Chat Features

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



## Phonebook Features



Feature	Description
<b>Create Entry</b>	Create a new phonebook entry:  > <b>Phonebook</b>  > <b>New &gt; Phone Number or Email Address</b>
<b>Dial Number</b>	Call a number in the phonebook:  > <b>Phonebook</b> > <i>entry to call</i> 
<b>Voice Dial Number</b>	Voice dial a number in the phonebook: Press  > <b>Voice Dial</b> , and say the entry's name (in 2 seconds)
<b>Store a PIN Code in a Number</b>	While entering the number:  > <b>Insert Pause, Wait, or 'n'</b> <b>Pause:</b> waits for the call to connect, then sends the remaining digit(s). If your network does not recognize the first pause character, try two ( <b>pp</b> ). <b>Wait:</b> waits for the call to connect, then prompts you for confirmation before it sends the remaining digit(s). <b>'n':</b> prompts you for a number before dialing the call. The number you enter is inserted into the dialing sequence in place of the <b>n</b> character








Feature	Description
<b>Phonebook Categories</b>	<p>You can put phonebook entries into categories. When you get a call or message from someone in a category, your phone uses the category's special ring.</p> <p>To set up a category, press  &gt; <b>Phonebook</b>  &gt; <b>Categories</b>. Scroll to the category, then press  &gt; <b>Edit</b></p> <p>To set an entry's category, press  &gt; <b>Phonebook</b> &gt; <i>entry to edit</i>, then press <b>EDIT</b> (.</p>
<b>1-Touch Dial</b>	<p>Set 1-touch dial to call entries stored in your phone memory phonebook or the SIM card phonebook:</p> <p> &gt; <b>Settings</b> &gt; <b>Other Settings</b> &gt; <b>Initial Setup</b> &gt; <b>1-Touch Dial</b></p>

## Personalizing Features

Feature	Description
<b>Event Alert</b>	<p>Change an event alert:</p> <p> &gt; <b>Alert Styles</b> &gt; <i>alert Detail</i> &gt; <i>event name</i></p>
<b>Ring Volume</b>	<p>Adjust ringer volume:</p> <p> &gt; <b>Alert Styles</b> &gt; <i>alert Detail</i> &gt; <b>Ring Volume</b></p>





Feature	Description
<b>Keypad Volume</b>	Adjust keypad key press volume:  > <b>Alert Styles</b> > <i>alert Detail</i> > <b>Key Volume</b>
<b>My Tones</b>	Compose your own ring tones, manage ring tones that you have composed or downloaded:  > <b>Media Center</b> > <b>MotoMixer</b>
<b>Themes</b>	Apply the wallpaper, screen saver, alert style, and other settings in a theme:  > <b>Media Center</b> > <b>Themes</b>
<b>Main Menu</b>	Reorder your phone's main menu:  > <b>Settings</b> > <b>Other Settings</b> > <b>Personalize</b> > <b>Main Menu</b>
<b>Soft Keys</b>	Change soft key labels in the idle display:  > <b>Settings</b> > <b>Other Settings</b> > <b>Personalize</b> > <b>Keys</b>
<b>Shortcuts</b>	Create a shortcut to a menu item: Highlight the menu item, then press and hold  .  Select a shortcut:  > <b>MyMenu</b> > <i>shortcut name</i>



## Menu Features

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

## Dialing Features

Feature	Description
<b>Fixed Dial</b>	Turn fixed dialing on or off: ☎ > <b>Settings</b> > <b>Security</b> > <b>Fixed Dial</b>  Use the fixed dial list: ☎ > <b>Fixed Dial</b>
<b>Service Dial</b>	Dial service phone numbers: ☎ > <b>Service Dial</b>
<b>Quick Dial</b>	Dial pre-programmed phone numbers: ☎ > <b>Quick Dial</b>







Feature	Description
<b>DTMF Tones</b>	<p>Activate DTMF tones:   &gt; <b>Settings</b> &gt; <b>Other Settings</b>            &gt; <b>Initial Setup</b> &gt; <b>DTMF</b></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             &gt; <b>Send Tones</b></p>

## Call Monitoring Features


*Network connection time* is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing the end key. This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, please contact your service provider directly.


Feature	Description
<b>Call Times</b>	<p>View call timers:   &gt; <b>Recent Calls</b>            &gt; <b>Call Times</b></p> 




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

## Hands-Free Features



Feature	Description	
<b>Auto Answer</b> (car kit or headset)	Automatically answer calls when connected to a car kit or headset: ☰ > <b>Settings</b> > <b>Other Settings</b> > <b>Car Settings or Headset</b> > <b>Auto Answer</b>	

## Data and Fax Call Features






Feature	Description	
<b>Send Data or Fax</b>	Connect your phone to the device, then place the call through the device application	












Feature	Description
<b>Talk Then Fax</b>	<p>Connect your phone to the device, enter the number, press  &gt; <b>Talk then Fax</b>, then press  to make the call</p> 

## Network Features



Feature	Description
<b>Network Settings</b>	<p>View network information and adjust network settings:</p> <p> &gt; <b>Settings</b> &gt; <b>Other Settings</b> &gt; <b>Network</b></p> 

## Personal Organizer Features





Feature	Description
<b>Add Datebook Event</b>	<p>Add an event to the datebook:</p> <p> &gt; <b>Office Tools</b> &gt; <b>Datebook</b> &gt; <i>day</i>  &gt; <b>New</b></p>
<b>View Datebook Event</b>	<p>View or edit event details:</p> <p> &gt; <b>Office Tools</b> &gt; <b>Datebook</b> &gt; <i>day</i> &gt; <i>event name</i></p>
<b>Respond to Event Reminder</b>	<p>View event when reminder appears: <b>VIEW</b> ()</p> <p>Dismiss event reminder: <b>EXIT</b> ()</p>

Feature	Description
<b>Set Alarm Clock</b>	<p>You can set alarms to make your phone ring.</p> <p> &gt; <b>Alarm Clock</b> &gt; <b>[New Alarm]</b></p> <p>Alarms do <i>not</i> appear in the datebook and do not ring if your phone is off.</p>
<b>View Alarm Clock</b>	<p>To see or change an alarm you set:</p> <p> &gt; <b>Alarm Clock</b> &gt; <i>the alarm</i></p> <p>Scroll (  ) to the alarm. Press the right softkey (  ) to <b>ENABLE</b> or <b>DISABLE</b> the alarm. Press  for more options.</p>
<b>Respond to Alarm</b>	<p>Alarms ring for 30 minutes unless you press</p> <p><b>DISABLE</b> (  ) to turn off the alarm, or</p> <p><b>SNOOZE</b> (  ) to snooze for 8 minutes.</p>
<b>Calculator</b>	<p>Calculate numbers:</p> <p> &gt; <b>Office Tools</b> &gt; <b>Calculator</b></p>
<b>Currency Converter</b>	<p>Convert currency:</p> <p> &gt; <b>Office Tools</b> &gt; <b>Calculator</b></p> <p> &gt; <b>Exchange Rate</b></p> <p>Enter exchange rate, press</p> <p><b>OK</b> (  ), enter amount, select \$ function</p>







## Security Features

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

## News and Entertainment Features

Feature	Description
<b>Launch Micro-Browser</b>	Start a micro-browser session:  > <b>Web Access</b> > <b>Browser</b>
<b>Web Sessions</b>	Select or create a Web session:  > <b>Web Access</b> > <b>Web Sessions</b>
<b>Launch Game or Application</b>	Launch a game or application:  > <b>Games &amp; Apps</b> , highlight the application, press <b>SELECT</b> (  )



Feature	Description
<b>Download Game or Application</b>	<p>Download a game or application:   &gt; <b>Web Access</b> &gt; <b>Browser</b>, find the application, press <b>SELECT</b> () , press <b>DOWNLOAD</b> ()</p> <p><b>Note:</b> Your phone must have a valid domain name service (DNS) IP address to download games and applications. If your phone does not have a DNS address, contact your service provider.</p>
<b>Java Permissions</b>	<p>When Java applications try to make network connections, call phone numbers, or send text messages, your phone prompts you for approval. To automatically approve connections, calls, or messages:   &gt; <b>Java Settings</b>          &gt; <b>Network Access</b> or          &gt; <b>Phonebook Permission</b> or          &gt; <b>SMS Permission</b></p>
<b>Application Manager</b>	<p>View information about a Java game or application:          Highlight the application and press  </p>
<b>Java System</b>	<p>View Java version and memory information:   &gt; <b>Java Settings</b> &gt; <b>Java System</b></p>



# ***Specific Absorption Rate Data***

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## **The model wireless phone meets the government's requirements for exposure to radio waves.**

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. 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 standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg.<sup>1</sup> Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada 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 level 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 wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 1.38 W/kg, and when worn on the body, as described in this user guide, is 1.23 W/kg. (Body-worn measurements

differ among phone models, depending upon available accessories and regulatory requirements).<sup>2</sup>

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

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

<http://phonefacts.net>

or the Canadian Wireless Telecommunications Association (CWTA) Web site:

<http://www.cwta.ca>

1. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.
2. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

# **Consumer Information on Wireless Phones from the FDA**

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The U.S. Food and Drug Administration (FDA) provides consumer information on wireless phones at:

<http://www.fda.gov/cellphones/qa.html>

Following are safety-related questions and answers discussed at this web site.

## ***Do wireless phones pose a health hazard?***

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

## ***What is FDA's role concerning the safety of wireless phones?***

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a

case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

## ***What is FDA doing to find out more about the possible health effects of wireless phone RF?***

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

## ***What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?***

If there is a risk from these products--and at this point we do not know that there is--it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

## ***What about children using wireless phones?***

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly

precautionary; it was not based on scientific evidence that any health hazard exists.

### ***Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?***

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

### ***Do wireless phone accessories that claim to shield the head from RF radiation work?***

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike “hand-free” kits, these so-called “shields” may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) *charged two companies* that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

# ***Motorola Limited Warranty for the United States and Canada***

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## ***What Does this Warranty Cover?***

Subject to the exclusions contained below, Motorola, Inc. warrants its telephones, pagers, messaging devices, and consumer and professional two-way radios (excluding commercial, government or industrial radios) that operate via Family Radio Service or General Mobile Radio Service, Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

## ***Products and Accessories***

<b>Products Covered</b>	<b>Length of Coverage</b>
<b>Products and Accessories</b> as defined above, unless otherwise provided for below.	<b>One (1) year</b> from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
<b>Decorative Accessories and Cases.</b> Decorative covers, bezels, PhoneWrap™ covers and cases.	<b>Limited lifetime warranty</b> for the lifetime of ownership by the first consumer purchaser of the product.



Products Covered	Length of Coverage
<b>Monaural Headsets.</b> Ear buds and boom headsets that transmit mono sound through a wired connection.	<b>Limited lifetime warranty</b> for the lifetime of ownership by the first consumer purchaser of the product.
<b>Consumer and Professional Two-Way Radio Accessories.</b>	<b>Ninety (90) days</b> from the date of purchase by the first consumer purchaser of the product.
<b>Products and Accessories that are Repaired or Replaced.</b>	<b>The balance of the original warranty or for ninety (90) days</b> from the date returned to the consumer, whichever is longer.

## ***Exclusions***

**Normal Wear and Tear.** Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

**Batteries.** Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

**Abuse & Misuse.** Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

**Use of Non-Motorola Products and Accessories.** Defects or damage that result from the use of Non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

**Unauthorized Service or Modification.** Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

**Altered Products.** Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, or parts, are excluded from coverage.

**Communication Services.** Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products Accessories or Software is excluded from coverage.

## ***Software***

<b>Products Covered</b>	<b>Length of Coverage</b>
<b>Software.</b> Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	<b>Ninety (90) days</b> from the date of purchase.

## ***Exclusions***

**Software Embodied in Physical Media.** No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

**Software NOT Embodied in Physical Media.** Software that is not embodied in physical media (e.g. software that is downloaded from the internet), is provided “as is” and without warranty.

## ***Who is Covered?***

This warranty extends only to the first consumer purchaser, and is not transferable.

## ***What Will Motorola Do?***

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

## ***How to Obtain Warranty Service or Other Information***

<b>USA</b>	<b>Phones</b> 1-800-331-6456 <b>Pagers</b> 1-800-548-9954 <b>Two-Way Radios and Messaging Devices</b> 1-800-353-2729
<b>Canada</b>	<b>All Products</b> 1-800-461-4575
<b>TTY</b>	1-888-390-6456
For <b>Accessories</b> and <b>Software</b> , please call the telephone number designated above for the product with which they are used.	

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

## ***What Other Limitations Are There?***

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A

PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

**Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.**

Laws in the United States and other countries preserve for Motorola certain exclusive rights for copyrighted Motorola software such as the exclusive rights to reproduce and distribute copies of the Motorola software. Motorola software may only be copied into, used in, and redistributed with, the Products associated with such Motorola software. No other use, including without limitation disassembly of such Motorola software or exercise of the exclusive rights reserved for Motorola, is permitted.

## ***Product Registration***

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Online Product Registration:

<http://www.motorola.com/warranty>

Product registration is an important step toward enjoying your new Motorola product. Registering helps us facilitate warranty service, and permits us to contact you should your product require an update or other service. Registration is for U.S. residents only and is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

## ***Export Law Assurances***

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This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

## ***RF Energy Interference***

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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U.S. patent Re. 34,976





**MOTOROLA**

# ***Wireless Phone Safety Tips***

*"Safety is your most important call!"*

**Your Motorola wireless telephone gives you the powerful ability to communicate by voice—almost anywhere, anytime, wherever wireless phone service is available and safe conditions allow. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.**

**When driving a car, driving is your first responsibility. If you find it necessary to use your wireless phone while behind the wheel of a car, practice good common sense and remember the following tips:**

- 1 Get to know your Motorola wireless phone and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.
- 2 When available, use a hands-free device.** If possible, add an additional layer of convenience to your wireless

phone with one of the many Motorola Original™ hands-free accessories available today.



- 3 **Position your wireless phone within easy reach.** Be able to access your wireless phone without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
- 4 **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- 5 **If you receive an incoming call at an inconvenient time do not take notes or look up phone numbers while driving.** Jotting down a “to do” list or going through your address book takes attention away from your primary responsibility—driving safely.
- 6 **Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic.** Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- 7 **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations which have the potential to divert your attention away from the road.
- 8 **Use your wireless phone to call for help.** Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.\*





- 9 Use your wireless phone to help others in emergencies.** If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.\*
- 10 Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.\*

\* Wherever wireless phone service is available.

**Check the laws and regulations on the use of wireless telephones and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas.**



For more information,  
please call  
1-888-901-SAFE  
or visit the  
CTIA Web site at  
[www.wow-com.com](http://www.wow-com.com)<sup>TM</sup>





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