

APPLICANT: MOTOROLA, INC.

FCC ID: IHDT6DQ1

**INSTRUCTION MANUAL**

A preliminary draft copy of the Users Manual follows:

# Welcome

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

**Infrared Data Port**

**Earpiece**

**Camera**

**Volume Keys**

**Menu Key**

**Left Soft Key**

Perform functions identified by left display prompt.

**Browser Key**

Opens Web page browser.

**Power/End Key**

Press & hold to power phone on & off.

Press & release to end calls, exit menu system.

**Power Connector**

Insert charger.

**Right Soft Key**

Perform functions identified by right display prompt.

**Headset Jack**

**Camera Key**

Take pictures.

**Video Call Key**

Make video calls.

**Navigation Key**

Scroll through menus and lists, set feature values.

**Send Key**

Make and answer calls, view recent / dialed calls list.

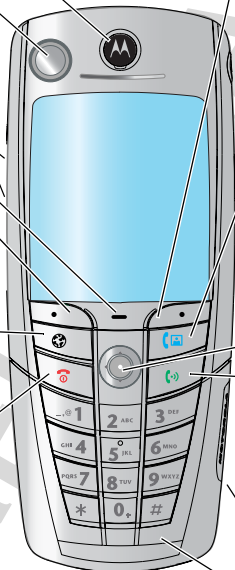
**UICC or SIM Slot**

Insert Card

**Microphone**

**Serial/USB Connector**

Attach accessories.



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Manual number:  
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**PRELIMINARY**

# ***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, where 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.

# **European Union Directives Conformance Statement**

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Hereby, Motorola declares that this product is in compliance with

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

IMEI: 350034/40/394721/9

**CE0168**

Type: MC2-41H14

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

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

# Getting Started

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## What's in the Box?

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

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

For more information, visit:

[www.motorola.com](http://www.motorola.com) (United States)

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

## About This Guide

### Optional Features



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

## Optional Accessories



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

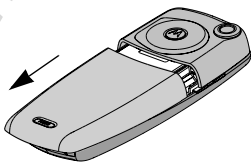
## Installing the UICC or SIM Card

Your 3G UICC (Universal IC Card) contains your phone number, service details, and phonebook/message memory. Your phone can use GSM SIM (Subscriber Identity Module) cards, but not all features will be available.

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

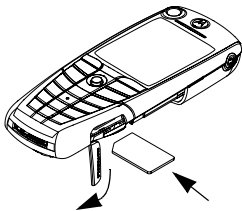
### Do This

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



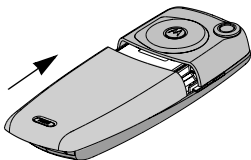
- 2 Open the card door on the right side of your phone.

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



## Do This

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



## Installing the Battery

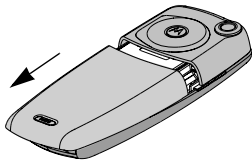
You must install and charge the battery to use your phone.



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

## Do This

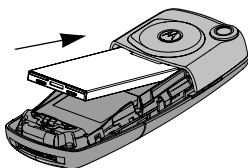
- 1 Remove the battery from its protective clear plastic case.
- 2 Push the battery door down to release it from the phone.



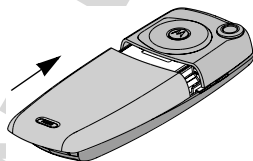


**Do This**

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



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



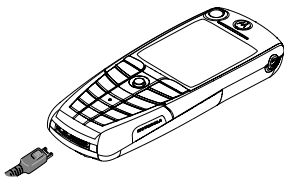
## Charging the Battery

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

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

**Do This**

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



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

## Do This

- 3 When your phone indicates **Charge Complete**, press the release tab and remove the travel charger.
- 
- 

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

## Battery Use

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

## Battery Care

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

To maximize performance:

- Always use Motorola Original™ batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.
- New batteries or batteries that have been stored for long periods of time may require a longer charge time.
- Maintain the battery at or near room temperature when charging.





- Do not expose batteries to temperatures below  $-10^{\circ}\text{C}$  ( $14^{\circ}\text{F}$ ) or above  $45^{\circ}\text{C}$  ( $113^{\circ}\text{F}$ ). Always take your phone with you when you leave your vehicle.
- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.
- Over extended periods of time, batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to purchase a new battery.



The rechargeable batteries that power this product must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling center for proper disposal methods. Never dispose of batteries in a fire because they may explode.

## Turning Your Phone On

### Do This

- 1 Press and hold the power key





### To

turn on your phone

Power key





Do This	To
<b>2</b> If necessary, press  to scroll to the User Account you want, then press <b>SELECT</b> (  )	select the user account you want from the list of accounts (stored on the SIM card)
<b>3</b> If necessary, enter your SIM card PIN code and press <b>OK</b> (  )	unlock your SIM card <b>Caution:</b> If you enter an incorrect PIN code three times in a row, your SIM card is disabled and your phone displays <b>SIM Blocked</b> . Contact your service provider.
<b>4</b> If necessary, enter your four-digit unlock code and press <b>OK</b> (  )	unlock your phone The unlock code is originally set to 1234. Your service provider may change this number before you receive your phone.

## Adjusting Volume

Press the upper or lower volume keys to:

- increase and decrease earpiece or speakerphone volume during a call
- increase and decrease the ringer volume setting when the idle display is visible

- turn off an incoming call alert

## Making and Answering Calls





This section describes basic calling features. To make video calls, see page 51.

### Making a Call

To call a number, your phone must:

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

Press	To
1 keypad keys	dial the phone number (up to 32 digits)
	<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 clear all digits.
2  (send key)	make the call
3  (end key)	end the call

**Note:** You can make an emergency call even when the phone is locked, or when a SIM card is not inserted. See page 61.




## Answering a Call

To answer a call, your phone must:

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



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

Press	To
1  or <b>ANSWER</b> (  )	answer the call
2  (end key)	end the call

## Viewing Your Phone Number

To view your phone number in idle, press  .

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

Your phone number must be stored on your SIM card to use this feature. To store your phone number on the SIM card, see page 53. 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.

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

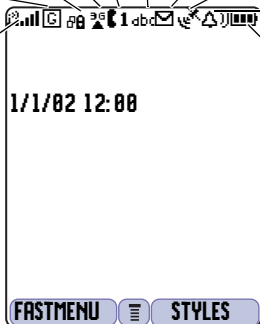


The menu indicator (≡) at the bottom center of the display indicates that you can press the menu key (⏏) to display a menu.

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

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

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



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

Strong       No signal

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



**② Data Service Indicator** Indicates when a packet data connection is available. This type of connection may be used by your service provider to allow faster data transfer speeds.

The indicator does not mean that you are on a call; it indicates only that you are registered on the network with a packet data connection.





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



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



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

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

abc No capital letters      ABC All capital letters

Abc Next letter capital


To change the case in a text entry display, press .



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


Any time you enter text, an icon here indicates the entry method: **Symbol** ( !@# ), **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
☐	☐	iTAP, no capital letters
☐↕	☐↕	iTAP, next letter capital
☐↑	☐↑	iTAP, all capital letters

To change the entry method, press  (see page 40).


**Ⓢ Location Indicator** Indicates when Location information is off (grey icon), on (white icon), or on and finding your location (green icon).


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

 = loud ring

 = soft ring

 = vibrate

 = ring and vibrate

 = silent

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


High     Empty

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



**Note:** When you charge the battery, the battery level indicator instead indicates how much of the charging process is complete. See page 16.



## Using the 5-Way Navigation Key

Use the 5-way navigation key like a joystick to navigate the menu system, change feature settings, and play games. Press it in to select a highlighted menu item. This press usually performs the same function as the right soft key (  ).



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


## Using the Video Call and Browser Keys

Your phone has special keys that provide access to important features. Enter a phone number and press the Video Call key (  ) to make a video call (see page 51). Pressing the Browser key (  ) opens a Web session. You can use these keys any time you are not on a call.

# Using Menus

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



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

- |   |   |   |
|---|---|---|
|  <b>Games &amp; Apps</b> |  <b>Phonebook</b>    |  <b>Web Access</b> |
|  <b>Tools</b>            |  <b>Messages</b>     |  <b>Multimedia</b> |
|  <b>Settings</b>         |  <b>Recent Calls</b> |  <b>Camera</b>     |






## Selecting a Menu Feature

Select a menu feature as follows, starting from the idle display:

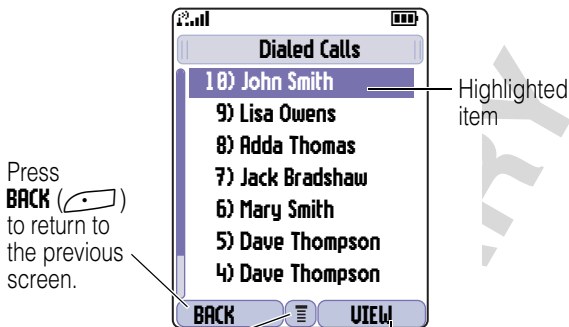
### Find the Feature

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

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

## Selecting a Feature Option

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



Press **BACK** ( ) to return to the previous screen.

A sub-menu is available. Press ( ) to open the sub-menu.

Press **VIEW** ( ) to view details of the highlighted item. If no details are available, **STORE** ( ) and **DELETE** ( ) appear. Press **STORE** to store the item in your phonebook, or **DELETE** to delete the item from the list.

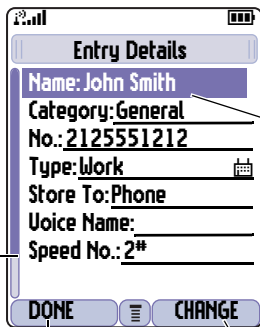
Select an item by highlighting it using one of the following:

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



# Entering and Editing Text

Some features require you to enter information.



Press  to scroll down to additional items.

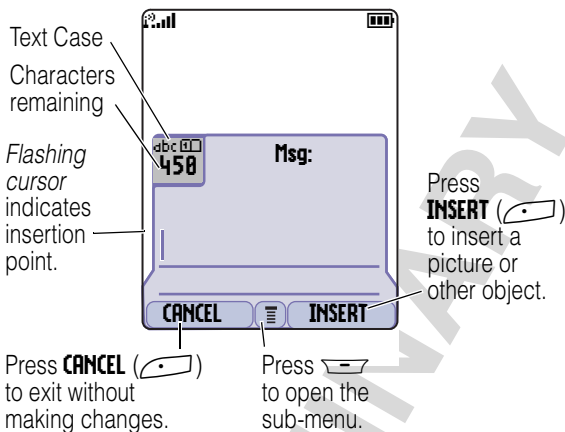
Highlighted item

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

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



Press **CHANGE** () to edit the information.

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




## Using the Tap Method

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

Press	To
1 A number key (one or more times)	select a letter, number, or symbol shown in the chart on page 33.
2 Number keys	enter remaining characters
	<b>Tip:</b> Press  right to accept a word completion, or  to insert a space
3 <b>OK</b> ( )	store the text



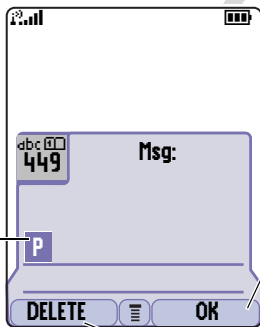


In a text entry screen, you can press  to switch entry methods. An indicator tells you which method is active (see page 23). If **Tap Method** (1 or 2) is not available, see page 41.

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 current highlighted character.

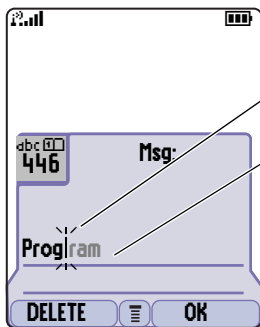


Press **OK** () to accept and store the text.

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:



Flashing cursor indicates insertion point.







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







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

## Character Chart





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

	space . 1 ? ! , @ _ & ~ : ; " - ( ) ' ` ¡ ¨ % £ \$ ¥ ¤ €
	a b c 2 ä å á à â ã α β ç
	d e f 3 δ ë é è ê φ
	g h i 4 ï í î 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 ù û
	w x y z 9 ξ ψ
	+ - 0 x * / \ [ ] = > < # §





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

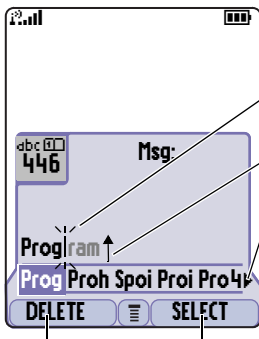
### Tap Method Text Entry Rules

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

## Using iTAP™ Text Entry Method

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

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



Flashing cursor indicates insertion point.


Press  up to accept **Program**, or right to highlight another option. Press  to enter **Prog** and a space.

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

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 23). If iTAP (□ or □) is not available, see page 41.



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 <b>SELECT</b> 	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 Entry 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 <b>SELECT</b> 	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.

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




	()[]{}
	!@#~
	<>=
	\$£¥□€
	#%*
	+ - x * / = > < # §
	<i>enter a space (hold to enter a return)</i>
	<i>change text entry method (hold for default)</i>

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



## Using the Numeric Method

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

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

## Deleting Letters and Words


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

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

## Copying, Cutting, and Pasting Text

Press  from a text entry screen to display these options:

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

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

### Highlighting Text

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

#### Find the Feature

 > **Copy Text** or  
**Cut Text**

#### Press





1 

#### To

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





Press	To
2 <b>START</b> 	turn on the highlighting marker
3 	scroll to the end of the text you want to copy or cut
4 <b>COPY</b> 	copy or cut the text you selected
or	
<b>CUT</b> 	You can now paste the text in another location or file.


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

## Choosing a Text Entry Method

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


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

<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> (1@?)	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 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> ).      |
| <b>iTAP</b>       | Let the phone predict each word as you press keys (see page 35).                     |
| <b>Tap Method</b> | Enter letters, numbers, and symbols by pressing a key 1 or more times (see page 31). |

## Locking and Unlocking Your Phone

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

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

You can make emergency calls on your phone even when it is locked. See page 61.




## Locking Your Phone Manually

### Find the Feature

 > Settings > Security  
> Phone Lock > Lock Now

### Press

### To

- |   |  |                                   |
|---|--|-----------------------------------|
| 1 | keypad keys  | enter your four-digit unlock code |
| 2 | OK (  ) | lock the phone                    |



## Setting Your Phone to Lock Automatically


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

### Find the Feature

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


### Press

### To

- |   |   |                                     |
|---|---|-------------------------------------|
| 1 | keypad keys   | enter your four-digit unlock code   |
| 2 | OK (  ) | set the phone to lock automatically |

## Unlocking Your Phone

At the **Enter Unlock Code** prompt:

Press	To
1 keypad keys	enter your four-digit unlock code  If you forget your unlock code, see page 44.
2 OK (  )	unlock your phone

## Changing Your Unlock Code


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

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

### Notes:

- Your service provider may retain your phone's security code for customer service purposes. In this case, you cannot use phone features that require the security code (such as master clear, master reset, and the unlock code bypass feature).








- If the only password you can change is the unlock code, the **New Passwords** menu is unavailable and the **Unlock Code** option appears on the **Phone Lock** menu. In this case, open the unlock code editor by selecting:  
 > **Settings** > **Security** > **Phone Lock** > **Unlock Code**.

To change a code or password:

### Find the Feature



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

Press	To
1 	scroll to the code or password you want to change
2 <b>CHANGE</b> (  )	select the code or password
3 keypad keys	enter your old code If you forget your unlock code, see page 44.
4 <b>OK</b> (  )	submit your old code
5 keypad keys	enter the new code
6 <b>OK</b> (  )	assign the new code
7 keypad keys	re-enter the new code
8 <b>OK</b> (  )	confirm the new code

## If You Forget Your Unlock Code



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

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

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

## **Locking and Unlocking the Keypad**

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

Press	To
 	lock or unlock keypad

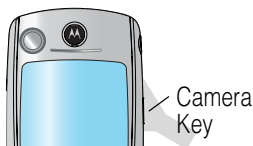
**Note:** Incoming calls and messages unlock the keypad.








# Taking and Viewing Pictures

## Taking Pictures

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



Do This	To
1 Press the camera key	display the camera's image. To change cameras, press  > <b>Internal View</b> (camera on the front of the phone) or <b>External View</b> (camera on the back of the phone).
2 Point your phone at the subject of the picture	find the picture you want to take <b>Note:</b> Press  for a menu that lets you change the camera view or set up the picture resolution.
3 Press 	zoom the picture in and out
4 Press <b>CAPTURE</b> (  )	freeze the picture in your phone's display
5 Press <b>STORE</b> (  )	save the captured picture as a file, wallpaper, screen saver, or message attachment

## Downloading Pictures








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

## Viewing Pictures

### Find the Feature

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

Press	To
1 	scroll to the picture
2 <b>SELECT</b> 	view the picture
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 **Picture Viewer** menu provides the following options:

Option	Description
<b>New Picture</b>	Capture a new picture.
<b>New Slideshow</b>	Create a slideshow from a series of stored pictures.







Option	Description
<b>Set as Wallpaper</b>	Set the picture as your phone's wallpaper image.
<b>Set as Screen Saver</b>	Set the picture as your phone's screen saver image.
<b>Set as Power-Up Animation</b>	Set the picture as the image that appears when you turn on your phone.
<b>Details</b>	View picture information.

To adjust your phone's wallpaper and screen saver images, see page 54.


## ***Recording and Viewing Videos***







### ***Recording Videos***

#### **Find the Feature**

 > **Multimedia** > **Uideos**  
> **[New Uideo]**

The image in the camera's viewfinder appears on your phone's display. To change cameras, press

 > **Internal View** (camera on the front of the phone) or **External View** (camera on the back of the phone).






<b>Do This</b>	<b>To</b>
1 Point your phone at the subject of the video	find the scene you want to record  <b>Note:</b> Press  for a menu that lets you change the camera view or set the video quality, length, or sound.
2 Press 	zoom the image in and out
3 Press <b>CAPTURE</b> 	start recording the scene in your phone's display  <b>Tip:</b> Press  to zoom in and out during the video.
4 Press <b>STOP</b> 	stop recording
5 Press <b>STORE</b> 	save the captured video as a file or message attachment



## Watching Videos

### Find the Feature

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



Press	To
1 	scroll to the video
2 <b>PLAY</b> 	view the video
3 	control the video: <ul style="list-style-type: none"><li>▲ pause</li><li>◀▶ rewind or fast forward</li><li>▼ stop</li></ul>
or	
<b>DETAILS</b> 	view video information
or	
	open the <b>Video Player</b> menu to perform other procedures as described in the following list

The **Video Player** menu includes the following options:

Option	Description
<b>Details</b>	View video information.
<b>Setup</b>	Change the settings for <b>Auto Repeat</b> , which tells your phone to play a video repeatedly until you stop it, and <b>Timer</b> , which shows a timer in your phone display.






# Making Video Calls

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

Press	To
1 keypad keys	dial the phone number (up to 32 digits)
2 	make the call
3  (end key)	end the call

## Previewing Video Calls

You can preview your phone's image to see how you look before you make a video call:

Press	To
1 keypad keys	dial the phone number (up to 32 digits)
2 	open the dialing menu
3 	scroll to <b>Preview Video Call</b>
4 <b>SELECT</b> 	display your camera's image
5 <b>CALL</b> 	place the call
or	
	display the preview menu
	This menu lets you turn your camera off, or to change camera images.



## Setting Up Video Calls

To make video calls, your phone uses a video gateway number that you can enter.

**Note:** Your service provider may have already programmed the text message inbox settings for you.

### Find the Feature

 > **Settings** > **Initial Setup**  
> **VideoGateway**

Enter the number provided by your service provider.

## Using Location Information

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


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

### Hiding or Showing Location Information

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

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

### Find the Feature

 > **Settings** > **Phone Status**  
> **Location**  
> **On** or **Off**

# Setting Up Your Phone

## Storing Your Name and Phone Number



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

### Find the Feature

 > Settings > Phone Status  
> My Tel. Numbers

If you do not know your phone number, contact your service provider. To view your phone number from the idle display or during a call, see page 21.

## Setting the Time and Date

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

### Find the Feature

 > Settings > Initial Setup  
> Time and Date

## Setting a Ring Style

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


The ring style indicator in your display shows the current ring style (see page 23).



To set a ring style

### Find the Feature

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

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

**Note:** Some ring tones vibrate automatically. If you use one of these tones, your phone vibrates even when it is not set to **Vibrate** or **Vibe&Ring**. To turn off these vibrations, see page 78.

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

### Find the Feature

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

## Setting a Wallpaper Image

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

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

### Find the Feature

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

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

## Setting a Screen Saver Image

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

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

### Find the Feature



> Settings > Personalize  
> Screen Saver

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

**Note:** Using a screen saver can reduce battery life.

## Setting Display Color

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

### Find the Feature











> Settings > Personalize  
> Color Style  
> *the style you want*





**Note:** To restore default colors, press   "COLORS"

( +  +  +  +  +  +  + )

## ***Adjusting Lights on Your Phone***

You can adjust the lights that appear in your phone's display, behind the keypad, and when you receive incoming calls or messages.

### ***Setting the Display Backlight***

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

#### **Find the Feature**

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

### ***Setting Caller ID Lights for Calls***

You can tell your phone backlight to change when you receive incoming calls.

#### **Find the Feature**

 > **Settings** > **Lights**  
> **Call-Light ID**

**Note:** If you set a **Call-Light ID** for a single phonebook entry or category, your phone uses those patterns for those entries. See page 25 to set a pattern for a phonebook entry, and page 34 for a category. If you select **Off** here, though, your phone does not use any Call-Light IDs.

## Setting Notice Lights for Messages

You can tell your phone backlight to change when you receive incoming text or email messages, voicemail, and alarms.

### Find the Feature

 > Settings > Lights  
> Notice Lights

## Setting Your Display Timeout

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

### Find the Feature

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

## Conserving Battery Power

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

### Find the Feature

 > Settings > Initial Setup  
> Battery Save



# Calling Features

For basic instructions on how to make and answer calls, see page 20.

## Changing the Active Line

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




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

### Find the Feature

 > Settings > Phone Status  
> Active Line

The active line indicator in the display shows the current active phone line. See page 23.

## Redialing a Number

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

## Using Automatic Redial

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

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

To turn automatic redial on or off:

### Find the Feature

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

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

Press	To
 or <b>RETRY</b> 	activate automatic redial

## Using Caller ID

### Incoming Calls



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

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

**Incoming Call** when caller ID information is not available.




## Outgoing Calls



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

### Find the Feature

 > **Settings** > **In-Call Setup**  
> **My Caller ID**

You can override the default caller ID setting when you make a call. While dialing (with digits visible in the display), press  > **Hide ID/Show ID**

## Canceling an Incoming Call

While the phone is ringing or vibrating:

Press	To
 or <b>IGNORE</b> (  )	cancel the incoming call



Depending on your phone settings and the type of subscription you have, the call may be forwarded to another number, or the caller may hear a busy signal.

## Turning Off a Call Alert


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

Press	To
either volume key	turn off the alert

# Calling an Emergency Number


Your service provider may program one or more emergency phone numbers, such as 911, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted. Your service provider can program additional emergency numbers into your SIM card. *However, your SIM card must be inserted in your phone in order to use the numbers stored on it.* See your service provider for additional information on this issue.

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

Press	To
1 keypad keys	dial the emergency number (such as 112)
2 	call the emergency number

## Dialing International Numbers


To dial the local international access code:

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








# Viewing Recent Calls

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

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

## Find the Feature

 > Recent Calls


Press	To
1 	scroll to <b>Received Calls</b> or <b>Dialed Calls</b>
2 <b>SELECT</b> 	select <b>Received Calls</b> or <b>Dialed Calls</b>
3 	scroll to an entry you want to call, store, or delete
	<b>Note:</b> ✓ means the call connected.
4 	call the entry's number
	<b>Tip:</b> Press and hold  for two seconds to send the entry number as DTMF tones. To activate DTMF tones, see page 80.
	or




**Press**



**To**

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

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



or



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

---

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

Option	Description
<b>Video Call</b>	Make a video call to the selected number.
<b>Preview Video Call</b>	Preview your phone's camera image before making a video call to the selected number.
<b>Store</b>	Create a phonebook entry with the selected number in the <b>No.</b> field. (This option does not appear if <b>STORE</b> appears above the  key, or if the number is already stored as a phonebook entry.)
<b>Delete</b>	Delete the entry. (This option does not appear if <b>DELETE</b> appears above the  key.)





Option	Description
Delete All	Delete all entries in the current list.
Hide ID/Show ID	Hide (or show) your caller ID for the next call.
Send Message	Create a new text message, with the selected number in the <b>Tel No.</b> field.
Add Digits	Add digits to the end of the selected number.
Attach Number	Attach another number from the phonebook or recent calls list to the end of the selected number.
Send Tones	Send the selected number to the network as DTMF tones, for credit card calling or password entry. (This option is available only during an active call.)  To activate DTMF tones, see page 80.






## Returning an Unanswered Call

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

- the  (missed call) indicator

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




Press	To
1 VIEW 	see the received calls list
2 	select a call to return
3 	make the call

## Using the Notepad

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

### Find the Feature


 > Recent Calls > Notepad

Press	To
	call the number
or	
	open the Dialing Menu to attach a number or insert a special character
or	
STORE 	create a phonebook entry with the number in the <b>No.</b> field





## Attaching a Number

While dialing (with digits visible in the display):

Press	To
 > <b>Attach Number</b>	attach a number from the phonebook or recent call lists

## Calling with Speed Dial

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

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

## Calling with 1-Touch Dial

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

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

**Find the Feature**

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

# Using Voicemail




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

## Storing Your Voicemail Number


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


### Find the Feature

-  > Messages
-  > **Voicemail Setup**

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

## Receiving a New Voicemail Message

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

Press	To
CALL 	listen to the message



## Listening to a Voicemail Message





**Find the Feature**      > Messages > VoiceMail

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

## Using Call Waiting






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

Press	To
1 	answer the new call
2 <b>SWITCH</b> (  )	switch back to the first call
or	<b>Note:</b> You can press <b>SWITCH</b> (  ) at any time to switch between calls.
<b>LINK</b> (  )	connect the two calls

You must turn on call waiting to use the feature.

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

# Putting a Call on Hold

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




# Transferring a Call





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

## Announce the Call Transfer

**Find the Feature**  > **Hold**


Press	To
1 keypad keys	enter the phone number where you are transferring the call
2 	dial the phone number Speak to the person who answers the target phone.
3 	open the menu
4 	scroll to <b>Transfer</b>



Press	To
5 SELECT 	select <b>Transfer</b>
6 OK 	confirm the transfer

## ***Do Not Announce the Call Transfer***

**Find the Feature**  > **Transfer**

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



# Phone Features







---

## Main Menu

This is the standard main menu layout. **Menu organization and feature names may vary on your phone.**

### Games & Apps

#### Tools

-  SIM Apps
-  Calculator
-  Datebook
-  Shortcuts
-  Dialing Services
  - Barred Dial
  - Fixed Dial
  - Service Dial
  - Quick Dial
-  Fast Menu

#### Settings







(see next page)

#### Phonebook

#### Messages





#### Recent Calls

### Web Access

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

### Camera

### Multimedia

-  Pictures
-  Sounds
-  Videos
-  Video Camera





# Settings Menu



## Personalize

Main Menu  
Home Keys  
Color Style  
Greeting  
Banner  
Banner Graphic  
Wallpaper  
Screen Saver  
Quick Dial



## Ring Styles



## Lights

Call-Light ID  
Notice Lights



## Connection

IrDA Link  
Active Call  
Bluetooth Link  
Sync  
Incoming Call



## Call Forward

Voice Calls  
Fax Calls  
Data Calls  
Cancel All  
Forward Status



## In-Call Setup

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



## Initial Setup

Time and Date  
VideoGateway  
1-Touch Dial  
Auto Redial  
Display Timeout  
Backlight  
Scroll  
Animation  
Vibe Sync  
Language  
Battery Save  
DTMF  
Master Reset  
Master Clear



## Phone Status

My Tel. Number  
Active Line  
Battery Meter  
User Account  
Storage Devices  
Location  
Other Info...



## Headset

Auto Answer  
Ringer Options



## Car Settings

Auto Answer  
Auto Handsfree  
Power Off Delay  
Charger Time



## Network

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



## Security

Phone Lock  
Lock Keypad  
Lock Application  
Fixed Dial  
Restrict Calls  
Call Barring  
SIM PIN  
SIM PIN2  
Universal PIN  
WIM PINs  
New Passwords



## Java Settings









Java System  
Network Access  
DNS IP

# Feature Quick Reference

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













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



## Calling Features

Feature	Description	
<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>	
<b>Call Barring</b>	Restrict outgoing or incoming calls:  > <b>Settings</b> > <b>Security</b> > <b>Call Barring</b>	










# Messages

Feature	Description
<b>Send Message</b>	Send a text message: Press   > <b>Messages</b> > <b>Messages</b>  > <b>Create Message</b>
<b>Receive Message</b>	Read a new text message or MMS picture message that you have received: Press <b>READ</b> (  )
<b>Inbox Setup</b>	Set up or edit the text message inbox settings:  > <b>Messages</b>  > <b>Setup</b> > <b>Message Setup</b>
<b>Insert Pictures, Sounds, &amp; Quick Notes</b>	While composing a message:  > <b>Insert</b> <b>Note:</b> To insert another object, select  > <b>Insert</b> again.
<b>Sent Messages</b>	View sent messages:  > <b>Messages</b> > <b>Outbox</b>
<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 &amp; Sounds</b>	Highlight a picture or sound in a message, then:  > <b>Store</b>

Feature	Description
<b>Info Services</b>	Read subscription-based information services messages:  > <b>Messages</b> > <b>Info Services</b>
<b>Drafts</b>	View messages saved in drafts folder:  > <b>Messages</b> > <b>Drafts</b>





















## Email

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




# Phonebook








Feature	Description
<b>Create Entry</b>	Create a new phonebook entry:  > <b>Phonebook</b>  > <b>New</b> > <b>Phone Number, Email Address, or Mailing List</b>
<b>Dial Number</b>	Call a number stored in the phonebook:  > <b>Phonebook</b> > <i>entry to call</i>
<b>Voice Dial Number</b>	Voice dial a number stored in the phonebook:  > <b>Voice Dial</b> Say the entry's name (in two seconds)
<b>Edit Entry</b>	Edit a phonebook entry:  > <b>Phonebook</b> > <i>entry to edit</i> Press <b>VIEW</b> (  ) , then press <b>EDIT</b> (  )
<b>Delete Entry</b>	Delete a phonebook entry:  > <b>Phonebook</b> > <i>entry to delete</i>  > <b>Delete</b>
<b>Sort Phonebook List</b>	Set the order in which phonebook entries are listed:  > <b>Phonebook</b>  > <b>Setup</b> > <b>Sort by</b> > <i>sort order</i>

Feature	Description
<b>Set Primary Number</b>	Set the primary number for a phonebook entry with multiple numbers:  > <b>Phonebook</b> > <i>entry</i>  > <b>Set Primary</b> > <i>phone number</i>
<b>Copy Phonebook Entry</b>	Copy a phonebook entry between the phone and SIM card:  > <b>Phonebook</b> > <i>entry</i>  > <b>Copy Entry</b>
<b>Check Phonebook Capacity</b>	Check how much space remains for storing phonebook entries on the phone or SIM card:  > <b>Phonebook</b>  > <b>Phone Capacity</b> or <b>SIM Capacity</b>
<b>1-Touch Dial</b>	Set 1-touch dial to call entries stored in your phone memory phonebook or the SIM card phonebook:  > <b>Settings</b> > <b>Initial Setup</b> > <b>1-Touch Dial</b>

## Personalizing Features




Feature	Description
<b>Event Alert</b>	Change an event alert:  > <b>Settings</b> > <b>Ring Styles</b> > <b>Alert Detail</b> > <i>event name</i>






Feature	Description
<b>My Tones</b>	Compose your own ring tones, manage ring tones that you have composed or downloaded:  > <b>Settings</b> > <b>Ring Styles</b> > <b>My Tones</b>
<b>Greeting Text</b>	Change the greeting text that appears when you turn on your phone:  > <b>Settings</b> > <b>Personalize</b> > <b>Greeting</b>
<b>Vibe Sync Vibrations</b>	Turn on or off the vibrations in special games and ring tones:  > <b>Settings</b> > <b>Initial Setup</b> > <b>Vibe Sync</b>
<b>Menu View</b>	Display the main menu as graphic icons or as a text-based list:  > <b>Settings</b> > <b>Personalize</b> > <b>Main Menu</b> > <b>Uiew</b>
<b>Soft Keys &amp; Menu Icons</b>	Change soft key labels and menu feature icons in the idle display:  > <b>Settings</b> > <b>Personalize</b> > <b>Home Keys</b>
<b>Shortcuts</b>	Create a shortcut to a menu item: Highlight the menu item, then press and hold   Select a shortcut:  > <b>Shortcuts</b> > <i>shortcut name</i>



## Menu Features





Feature	Description
<b>Language</b>	Set menu language:  > <b>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>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 <i>except</i> SIM card information:  > <b>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>Tools</b> > <b>Dialing Services</b> > <b>Fixed Dial</b>







Feature	Description
<b>Service Dial</b>	Dial service phone numbers:  > <b>Tools</b> > <b>Dialing Services</b> > <b>Service Dial</b>
<b>Quick Dial</b>	Dial pre-programmed phone numbers:  > <b>Tools</b> > <b>Dialing Services</b> > <b>Quick Dial</b>
<b>DTMF Tones</b>	Activate DTMF tones:  > <b>Settings</b> > <b>Initial Setup</b> > <b>DTMF</b>  Send DTMF tones during a call: Press number keys  Send stored numbers as DTMF tones during a call: Highlight a number in the phonebook or recent call lists, then press  > <b>Send Tones</b>





## Call Monitoring

Feature	Description
<b>Call Times</b>	View call timers:  > <b>Recent Calls</b> > <b>Call Times</b>

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>



## Handsfree Features

Feature	Description
<b>Speakerphone</b>	Activate a connected external speakerphone during a call: Press <b>SPEAKER</b> (  ) (if available) or  > <b>Spkrphone On</b>
<b>Auto Answer</b> (car kit or headset)	Automatically answer calls when connected to a car kit or headset:  > <b>Settings</b> > <b>Car Settings</b> or <b>Headset</b> > <b>Auto Answer</b>
<b>Auto Hands-Free</b> (car kit)	Automatically route calls to a car kit when connected:  > <b>Settings</b> > <b>Car Settings</b> > <b>Auto Handsfree</b>



Feature	Description
<b>Power-Off Delay</b> (car kit)	Set the phone to stay on for a period of time after the ignition is switched off: ☰ > <b>Settings</b> > <b>Car Settings</b> > <b>Power-Off Delay</b>
<b>Charger Time</b> (car kit)	Charge the phone for a period of time after the ignition is switched off: ☰ > <b>Settings</b> > <b>Car Settings</b> > <b>Charger Time</b>

## Data Calls

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

## Network Features

Feature	Description
<b>Network Settings</b>	View network information and adjust network settings: ☰ > <b>Settings</b> > <b>Network</b>



## Personal Organizer Features

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

## Security











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 three times in a row, your SIM card is disabled and your phone displays <b>SIM Blocked</b> . Contact your service provider.



Feature	Description
<b>Lock Application</b>	Lock phone applications: ☰ > <b>Settings</b> > <b>Security</b> > <b>Lock Application</b>
<b>Show or Hide Private Phonebook Entries</b>	You can show or hide private phonebook entries: ☰ > <b>Settings</b> > <b>Security</b> > <b>Show/Hide Private Entries</b>  To change your private entry code: ☰ > <b>Settings</b> > <b>Security</b> > <b>New Passwords</b> > <b>Private Entries Code</b>  To mark an entry private, open it and change its <b>Private</b> setting to <b>On</b> .

## *News and Entertainment*

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

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



# **Specific Absorption Rate Data**

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**This model phone meets the government's requirements for exposure to radio waves.**

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

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your phone model, the SAR limit is 2.0 W/kg.<sup>1</sup> Tests for SAR are conducted in accordance with CENELEC<sup>2</sup> testing procedures using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

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

Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions and locations (e.g., at the ear and worn on the body) that conform to a uniform testing methodology determined by an expert standards body. The highest SAR value for this model phone when tested for use at the ear is \_\_\_\_ W/kg.<sup>1</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.

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



# **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.

<b>Products Covered</b>	<b>Length of Coverage</b>
<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.**

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**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.**



PRELIMINARY

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>

