



MOTOROLA
intelligence everywhere™



MOTOMANUAL

V635
GSM

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V635 GSM wireless phone.



Motorola, Inc.
Consumer Advocacy Office
1307 East Algonquin Road
Schaumburg, IL 60196

www.hellomoto.com

1-800-331-6456 (United States)

1-888-390-6456 (TTY/TDD United States for hearing impaired)

1-800-461-4575 (Canada)

MOTOROLA and the Stylized M Logo are registered in the US Patent & Trademark Office. The Bluetooth trademarks are owned by their proprietor and used by Motorola, Inc. under license. Java and all other Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries. America Online, AOL, the America Online & Design logo, the AOL & Design logo, and the Triangle Logo, are registered trademarks of America Online, Inc. in the United States and/or other countries. All other product or service names are the property of their respective owners.

The information contained in Motorola's user's guides is believed to be correct at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice. The contents of Motorola's user's guides are provided "as is." Except as required by applicable law, no warranties of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, are made in relation to the accuracy, reliability, or contents of this guide.

© Motorola, Inc., 2005.

Caution: Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

Manual Number: 6809492A75-O

Contents

Getting Started	6
About This Guide	6
Installing the SIM and Memory Cards	7
Battery Tips	8
Installing the Battery	10
Charging the Battery.	10
Turning Your Phone On.	11
Adjusting Volume	12
Making a Call	12
Answering a Call.	12
Viewing Your Phone Number	13
Highlight Features	14
Using a Removable Memory Card	14
Using the Memory Card as a USB Drive	15
Taking and Sending a Photo.	17
Recording Video Clips	20
Sending a Multimedia Message	22
Receiving a Multimedia Message.	25
Using the Phonebook	26
Learning to Use Your Phone	29
Using the Display	29
Using the 5-Way Navigation Key.	33
Using Menus.	34
Entering Text.	37
Using the Smart Key.	48
Using the External Display	48
Using the Handsfree Speaker.	48
Changing a Code, PIN, or Password	49

Locking and Unlocking Your Phone	50
If You Forget a Code, PIN, or Password	51
Setting Up Your Phone	53
Storing Your Name and Phone Number	53
Setting the Time and Date	53
Setting a Ring Style	54
Setting Answer Options	54
Setting a Wallpaper Image	55
Setting a Screen Saver Image	56
Setting Display Skin	57
Setting Display Brightness	57
Adjusting the Backlight	57
Setting Display Timeout	57
Conserving Battery Power	58
Calling Features	59
Changing the Active Line	59
Redialing a Number	59
Using Automatic Redial	60
Using Caller ID	60
Canceling an Incoming Call	61
Turning Off a Call Alert	61
Calling an Emergency Number	61
Dialing International Numbers	62
Viewing Recent Calls	62
Returning an Unanswered Call	64
Using the Notepad	64
Attaching a Number	65
Calling With Speed Dial	65
Calling With 1-Touch Dial	66
Using Voicemail	66
Using Call Waiting	68

Putting a Call On Hold	68
Transferring a Call.	69
Phone Features	70
Menu Map.	70
Feature Quick Reference	72
Troubleshooting	95
Specific Absorption Rate Data	96
License Agreement for AOL® Instant Messenger™	
Service	98
Index	103

Getting Started



CAUTION: Before using the phone for the first time, read the *Important Safety and Legal Information* included in the gray-edged pages at the back of this guide.

About This Guide

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

Optional Features



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

Optional Accessories



This label identifies a feature that requires an optional accessory.

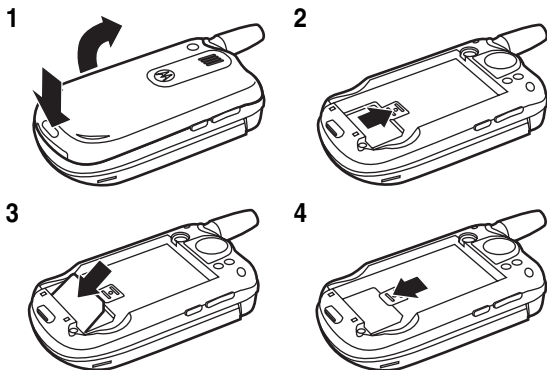
Installing the SIM and Memory Cards

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



Installing a SIM Card

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



Installing a Memory Card



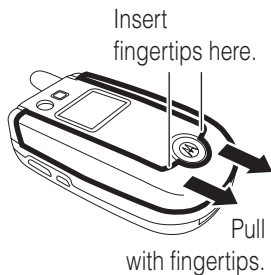
You can install a memory card in your phone to store more multimedia files such as audio clips, pictures, and video clips.

Note: If you install the memory card when your phone is turned on, you might have to turn the phone off and on again before you try to use the card.

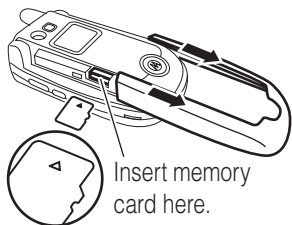


Action

- 1 Hold the phone with the **antenna facing away** from you. **Insert your fingertips** between the faceplate and the metal trim piece and use your fingertips to pull the metal trim piece off the phone.



- 2 Press the card in until it clicks into place.



- 3 Slide the metal trim piece back into place.

To select a memory card as your storage device, see page 14.

Battery Tips

Battery life depends on the network, signal strength, temperature, features, and accessories you use.

- Always use Motorola Original™ batteries and chargers. The warranty does not cover damage caused by non-Motorola batteries and/or chargers.



- New batteries or batteries stored for a long time may take more time to charge.
- When charging your battery, keep it near room temperature.
- When storing your battery, keep it uncharged in a cool, dark, dry place, such as a refrigerator.
- Never 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.
- It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.



Contact your local recycling center for proper battery disposal.

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

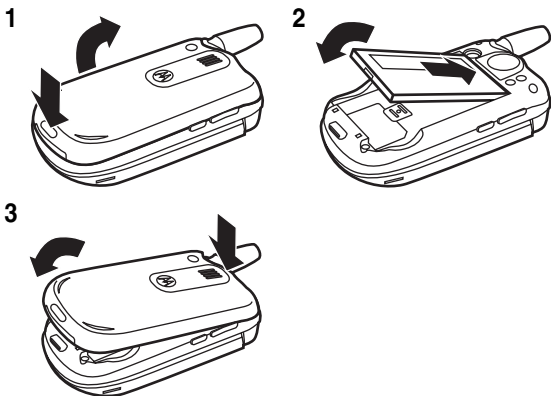
Before using your phone, read the battery safety information in the “Safety and General Information” section included in the gray-edged pages at the back of this guide.



Installing the Battery



TM Your phone is designed to use only Motorola Original batteries and accessories.

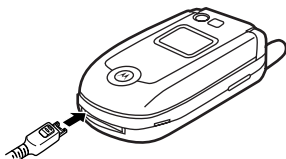


Charging the Battery

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

Action

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




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

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

Turning Your Phone On

Action

- 1 Press and hold  for a few seconds or until the display turns on.



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

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

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



Adjusting Volume





Press up or down on volume keys to:

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



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


Making a Call

Press	To
1 keypad keys	dial the phone number
2 	make the call
3 	end the call and “hang up” the phone when you are finished



Answering a Call

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



If **Open to Answer** is **On**, open the phone to answer the call.


Tip: To set **Open to Answer**, press  > **Settings** > **In-Call Setup** > **Answer Options** > **Open to Answer**.)

If **Open to Answer** is **Off**:

Press	To
1 	answer the call
2 	end the call and “hang up” the phone when you are finished

Viewing Your Phone Number

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

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

Note: Your phone number must be stored on your SIM card to use this feature. To store your phone number on the SIM card, see page 53. If you do not know your phone number, contact your service provider.



Highlight Features



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

Using a Removable Memory Card

You can use a memory card with your phone to store and retrieve multimedia objects (such as photos and sounds). To install a memory card, see page 7.

To view and manage an installed memory card:

Find the Feature





> **Settings** > **Phone Status**
> **Storage Devices**

Press	To
1	scroll to the memory card
2 DETAILS key	view memory card information
or	
	open the Storage Device menu to perform other procedures

The **Storage Device** menu can include the following options:

Option	Description
Format	Format the memory card.
Rename	Rename the memory card.

To view files on the memory card in a multimedia list (such as **Pictures** or **Sounds**), press  > **Switch Storage Device** > **TRANS**.
To view files stored on your phone again, press  > **Switch Storage Device** > **Phone**.

Using the Memory Card as a USB Drive

You can access your phone's memory card with a PC.

Note: When your phone is connected to a computer, you can only access the memory card through the computer.

On your phone:

Find the Feature



> **Settings** > **Connection**
> **USB Settings** > **Memory Card**



TM This directs the USB connection to your memory card. Attach the Motorola OriginalTM USB cable to the accessory port on your phone and to an available USB port on your computer. Then

follow these steps:

On your computer:

Action

- 1 Open your "My Computer" window, where your phone's memory card displays as a "Removable Disk" icon.
- 2 Click on the Removable Hard Drive icon to access the files on your phone's memory card.



Action

3 To store the desired files onto the memory card, drag and drop them as follows:

MP3 files: > mobile > audio

screen savers: > mobile > picture

wallpapers: > mobile > picture

video clips: > mobile > video

4 When you finish, remove the device by selecting the “Safely Remove Hardware” icon in the system tray at the bottom of your screen. Then select “USB Mass Storage Devices” and “Stop”.

5 Select “USB Mass Storage Device” then “OK”.

On your phone:

To return to **Data Fax** as your USB default connection:


Find the Feature

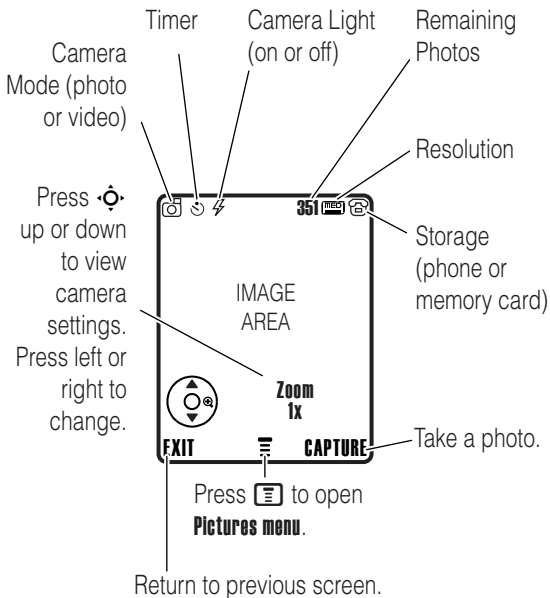



> **Settings** > **Connection**
> **USB Settings** > **Data/
Fax Connection**



Taking and Sending a Photo

Press  to display the camera viewfinder:





Tip: High-resolution images can only be stored on your memory card. To change picture resolution, press  > **Pictures Setup** > **Resolution** from the camera viewfinder. For more **My Picture** menu options, see the table after the procedure.


Point the camera lens at the photo subject, then:





Press	To
1 CAPTURE key	take a photo Tip: Press  to open the Pictures Menu , where you can change options such as resolution. See the table following this procedure.
2 	view options for storing or applying the photo
or	
SEND key	send the photo in a Multimedia Message (see page 22)
or	
DISCARD key	delete the photo and return to the active viewfinder

Press  to open the **My Picture Menu** when the camera is active. The **My Picture Menu** can include the following options:

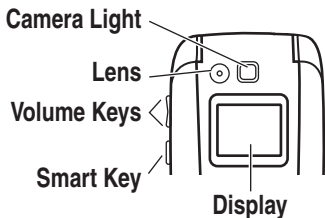
Option	Description
View Phone Album	View stored pictures and photos.
Go To Video Mode	Switch to the video camera.
Switch Storage Device	Choose to store and view pictures on your phone or memory card.  Note: You can only store High resolution images on your memory card.



Option	Description
Auto-Timed Capture	Set a timer for the camera to take a photo. Note: If you close the phone, it will still take a photo when the timer is done.
Light On/Off	Turn the camera light on or off. Note: The light stays on until you take a picture, receive a phone call, or select Light Off .
Pictures Setup	Open the setup menu to adjust picture settings. Note: High-resolution images can only be stored on your memory card.
View Free Space	See how much memory remains.

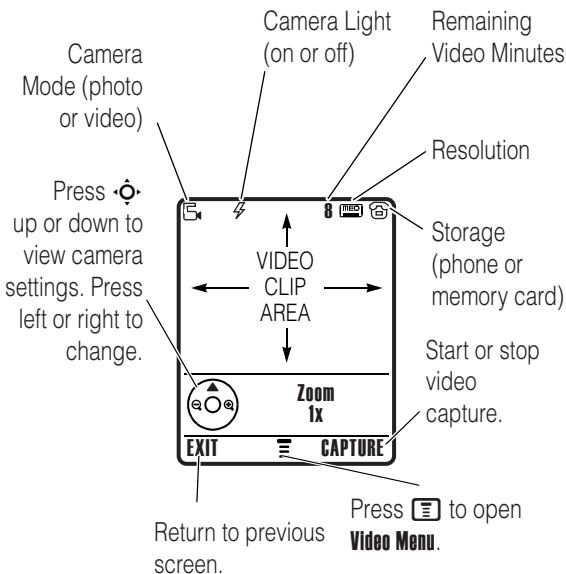
Taking a Self Portrait

If you close your phone while the viewfinder is active, the external display shows the image. Press the volume keys to zoom, or press the smart key to capture the image.




Recording Video Clips

Press  and  > **Go To Video Mode** to display the video viewfinder:



Note: You can only zoom before you start recording.


Tip: If you want to send your video in an MMS message, the video length must be set to MMS. To set length, press  > **Videos Setup** > **Video Length**. For more **Videos Menu** options, see the table after the procedure.

Point the camera lens at the video subject, then:



Press	To
1 CAPTURE key	start the video
2 STOP key	stop the video
3 STORE	store the video
	<p>Tip: Use the SEND key to send the video in a Multimedia Message (see page 22).</p>
or	
DISCARD key	delete the video and return to the active viewfinder

Press  to open the **Videos Menu** when the camera is active. The menu can include the following options:

Option	Description
Go To Videos	View videos stored on your phone.
Go To Photo Mode	Switch to the photo camera.
Switch Storage Device	Choose to store videos on your phone or a memory card. 



Option	Description
Videos Setup	Open the setup menu to adjust video settings. Note: Set Video Length to MMS if you want to send your video in an MMS message. Set Video Length to Maximum to record longer clips you can store on your memory card.
View Free Space	See how much memory remains.

Sending a Multimedia Message










A *Multimedia Messaging Service (MMS)* message contains one or more slides with text and media objects (including photos, pictures, animations, sounds, voice records, and/or video clips). You can send the multimedia message to other wireless phone users, and to email addresses.

Find the Feature





> **Messages** > **Create Message**
> **New Multimedia Msg**

Press	To
1 keypad keys	enter text
2 	open the MMS Menu
3 	scroll to Add Media
4 SELECT key	display a list of items you can insert
5 	scroll to a type of object to insert


Press	To
6 SELECT key	select the object type
7 	highlight the object you want
8 SELECT key	insert the object To add another slide to the message, continue. To send the message, go to step 14.
9 	open the MMS Menu to insert a new slide
10 	scroll to Add Media
11 SELECT key	display a list of items you can insert
12 	scroll to New Page
13 SELECT key	insert a new slide after the current slide Repeat steps 1 to 8 to enter contents for the new slide.
14 OK key	store the message






Press	To
15 	scroll to a Send To option: <ul style="list-style-type: none"> • Highlight [One Time Entry] to enter one or more phone numbers and/or email addresses. • Highlight [New Phonebook Entry] to enter a number/address and add it to the phonebook. • Or highlight an existing phonebook entry.
16 SELECT key	select [One Time Entry] or [New Phonebook Entry] and enter a number/address
or	
EDIT/ADD key	add a phonebook entry to the list of recipients
17 DONE key	store the numbers/addresses
18 	scroll to Subject
19 EDIT/ADD key	select Subject
20 keypad keys	enter the subject
21 OK key	store the subject
22 SEND key	send the message



Tip: You can answer an incoming call while you are creating a message. When you finish the call, you can find the message saved in  > **Messages** > **Drafts**.

Receiving a Multimedia Message



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

Press

READ key

To

open the message

Multimedia messages that you receive can contain different media objects:

- Photos, pictures, and animations are displayed as you read the message.
- A sound file or video clip begins playing when its slide is displayed. Use the volume keys to adjust the volume as the sound file or video clip plays.

Note: In an MMS letter, you may have to highlight an indicator in the text to play a sound file or video clip.

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

Using the Phonebook

This section briefly describes basic phonebook operations. For more information about using the phonebook, see page 75.



Storing a Phone Number

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

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

Recording a Voice Name

When creating a phonebook entry, scroll to **Voice Name** and press the **RECORD** key. Press and release the voice key and say the entry's name (within 2 seconds). When prompted, press and release the voice key and repeat the name. Press the **DONE** key to store the voice name.

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

Storing a Picture for Caller ID

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

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

When creating a phonebook entry, scroll to **Picture** and press the **EDIT/ADD** key. Press $\cdot\odot\cdot$ to select a picture, and press the **SELECT** key to store it for the entry.

Selecting a Number

Press $\left[\begin{array}{c} \text{☰} \\ \text{☰} \\ \text{☰} \end{array} \right]$ > **Phonebook**, then press $\cdot\odot\cdot$ to scroll to a number. To quickly highlight entries in a long **Phonebook** list:

- If your entries are sorted by **Name**, **Voice Name**, or **Email**, press keys for the letters in the name. For example, press $\left[\begin{array}{c} \text{5} \\ \text{4} \\ \text{7} \end{array} \right]$ for the first three letters of “Lisa”. When the name you want appears at the bottom of your display, highlight it and press the **SEARCH** key to go to the entry. This works like iTAP[®] text entry (see page 44).
- If your entries are sorted by **Speed No.**, press an entry’s speed number to highlight it. For example, press $\left[\begin{array}{c} \text{1} \\ \text{5} \end{array} \right]$ for entry number 15.

Dialing a Number

Press $\left[\begin{array}{c} \text{☰} \\ \text{☰} \\ \text{☰} \end{array} \right]$ > **Phonebook** > *entry to call*, then press $\left[\begin{array}{c} \text{☎} \\ \text{☎} \end{array} \right]$.



Voice Dialing a Number

Press and release the voice key, and say the entry’s name (within 2 seconds).

Note: To voice dial a phonebook entry you must first record a voice name for the entry (see page 26).





Sorting Phonebook Entries

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



When sorting by name, you can view **All** numbers or just the **Primary** number for each name. To set the primary number for a name, see page 77.

Viewing Entries By Category

Press  > **Phonebook**, press  > **Categories**, then select whether you want to view **All** entries, entries in a predefined category (**Business**, **Personal**, **General**, **VIPs**), or entries in a category you created.

To set the category for a phonebook entry, see page 77.

Setting Picture ID View

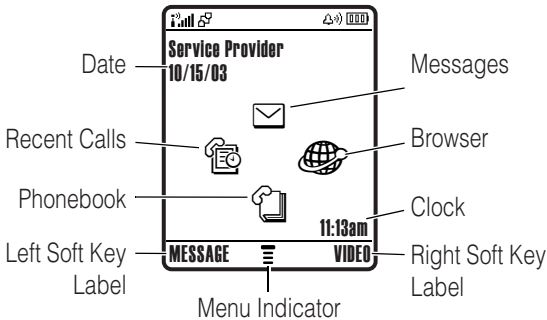
Press  > **Phonebook**, press  > **Setup** > **View by** > **Picture**.


Learning to Use Your Phone

See page 1 for a basic phone diagram.

Using the Display

The *home screen* displays when you are *not* on a call or using the menu. You must be in the home screen to dial a phone number.





Press the 5-way navigation key (⬅️⬆️⬇️⬇️➡️) left, right, up, or down to select one of the menu feature icons. If you select a menu icon by mistake, press  to return to the home screen.

Note: Your home screen may look different from the display shown above. For example, your service provider may hide the menu feature icons to allow a better view of



the wallpaper image. You can still select the menu icons when they are hidden from view. To show or hide the menu icons, see page 79.

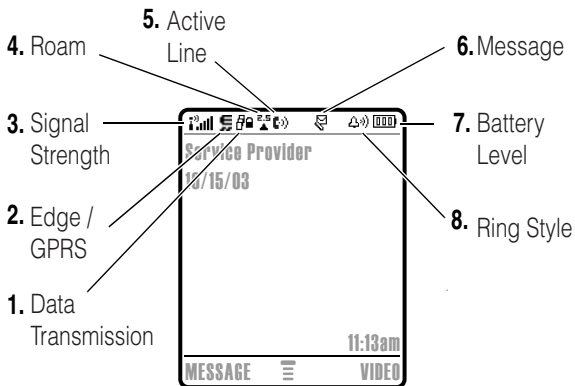
The  (menu) indicator indicates that you can press the menu key () to enter the main menu.

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




Your phone can display an analog or digital clock in the home screen (see page 79).


The following status indicators can display:





1. Data Transmission Indicator


Shows connection and data transmission status. Indicators can include:

 = secure packet data transfer


 = insecure packet data transfer

 = secure application connection

 = insecure application connection

 = secure Circuit Switch Data (CSD) call


 = insecure CSD call


 = Bluetooth [®] connection

2. Edge / GPRS Indicator





Shows that your phone is using a high-speed General Packet Radio Service (GPRS) or Edge network connection. Indicators can include:

 = GPRS PDP context active

 = GPRS packet data available

 = Edge active

3. Signal Strength Indicator

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

4. Roam Indicator



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

 = 2.5G home

 = 2.5G roam



 = 2G home

 = 2G roam





5. Active Line Indicator





Shows  to indicate an active call, or  to indicate when call forwarding is on. Icons for dual-line-enabled SIM cards can include:

 = line 1 active

 = line 2 active

 = line 1 active, call forward on

 = line 2 active, call forward on


When a Java™ application is active,  can display in this location. To see Java applications, press

 > **Games & Apps**.


6. Message Indicator





Displays when you receive a new message. Indicators can include:

 = text message

 = voicemail message

 = voicemail and text message

 = text message with attachment

 = IM message

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

8. Ring Style Indicator

Shows the ring style setting.

🔊 = loud ring

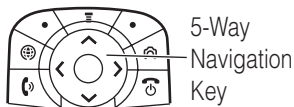
🔊🔊 = soft ring

🔊🔊 = vibrate

🔊🔊 = vibrate then ring

🔊🔊 = silent

Using the 5-Way Navigation Key




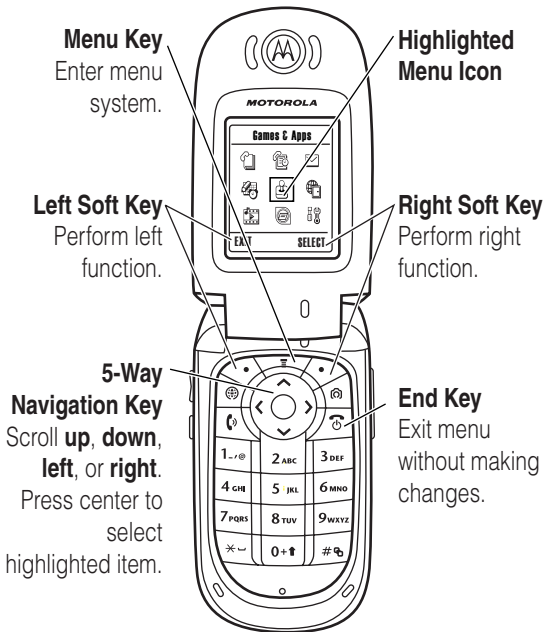
Use the 5-way navigation key (⬆️⬇️⬅️➡️⬆️) to scroll up, down, left, or right through the menu system, highlight menu items, change


feature settings, and play games. Press the center select button to select a highlighted menu item.












Using Menus

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



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




Icon	Feature	Icon	Feature
	Phonebook		Recent Calls
	Messages		Office Tools

Icon	Feature	Icon	Feature
	Games & Apps		Web Access
	Multimedia		Settings
	IM		

Selecting a Menu Feature

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

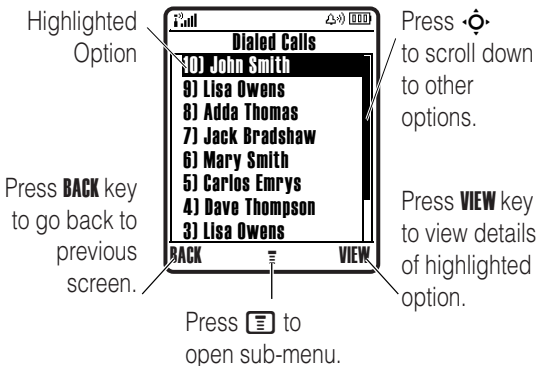
Find the Feature  > **Recent Calls** > **Dialed Calls**

This example shows that from the home screen, you must press , scroll to and select  **Recent Calls** from the main menu, then scroll to and select **Dialed Calls**. Press  to scroll, and the left/right soft keys to select the functions displayed in the bottom left and right corners of the display.



Selecting a Feature Option

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



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

In a numbered list, press a number key to highlight the option.

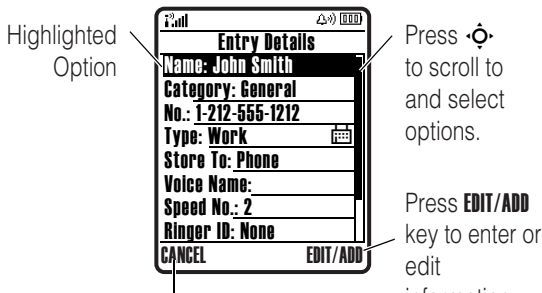
In an alphabetized list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list option.

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

When an option 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 **CANCEL** key to exit without changes.
DONE displays after you make changes.

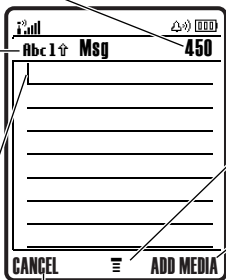



The message center lets you compose and send text messages. A *Character Counter* indicates how many more characters will fit in the message.

Character Counter

For indicator descriptions, see following section.

Flashing cursor indicates insertion point.




Press  to open sub-menu.





Press **ADD MEDIA** key to insert a quick note, picture, or sound.


Press **CANCEL** key to exit without making changes.

Choosing a Text Entry Mode


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

Press  in any text entry screen to select one of the following entry modes:

- 1** or  Your **Primary** text entry mode, which can be set to any iTAP® () or tap (**1**) mode (see following section).
- 2** or 
(if available) Your **Secondary** text entry mode, which can be set to any iTAP () or tap (**2**) mode, or to **None** (see following section).
- 123** **Numeric** mode enters numbers only (see page 46).
- @** **Symbol** mode enters symbols only (see page 46).

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

Setting Up a Text Entry Mode

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

- iTAP** Let the phone predict each word as you press keys (see page 44).
- Tap** Enter letters and numbers by pressing a key one or more times.
- Tap Extended** Enter letters, numbers, and symbols by pressing a key one or more times.
- None** Hide the Secondary setting (only available for Secondary Setup).



Using Capitalization

Press **0** in any text entry screen to change text case. The following indicators show capitalization status:

abc = no capital letters

Abc = capitalize next letter only

ABC = all capital letters

Text Entry Mode Indicators

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

Primary	Secondary	
1	2	Tap, no capital letters
1↑	2↑	Tap, capitalize next letter only
1↑	2↑	Tap, all capital letters
1	2	iTAP, no capital letters
1↑	2↑	iTAP, capitalize next letter only
1↑	2↑	iTAP, all capital letters

The following indicators identify Numeric or Symbol entry mode:



123 = numeric mode **@** = symbol mode


Using Tap Mode

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



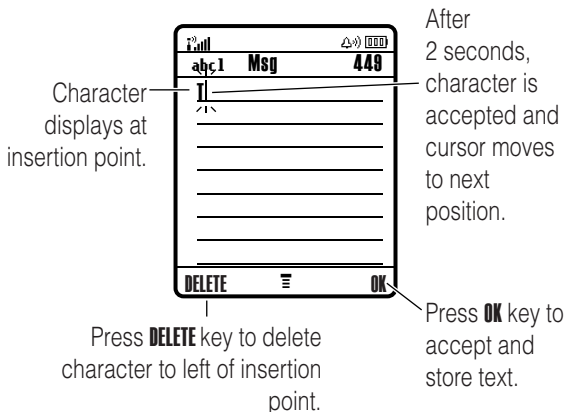
Tap mode cycles through the letters and number of the key you press. Tap Extended mode also cycles through additional symbols as shown in the chart on page 43.

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

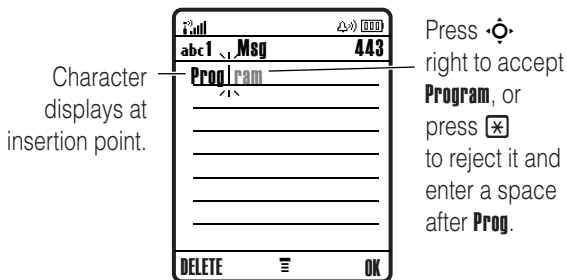
In a text entry screen, you can press  to switch entry modes. If **Tap** or **Tap Extended** is not available as the **Primary** or **Secondary** entry mode, see page 39.



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



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



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

Character Chart

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



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

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

Tap Mode Text Entry Rules





- Press a keypad key repeatedly to cycle through its characters.
- Press ◂◃ left or right to move the flashing cursor to the left or right in a text message.

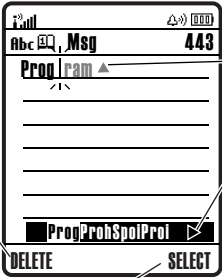



- The first character of every sentence is capitalized. Press  up or down to change a highlighted character to uppercase or lowercase.
- If you enter or edit information and do not want to save the changes, press  to exit without saving.



Using iTAP[®] Mode

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

For example, if you press    , letter combinations that match your keypresses display:



Press  up to accept **Program**.

Press  right to highlight another combination. Press  to enter **Prog** and a space.

Press **DELETE** key to delete last letter.

Press **SELECT** key to lock highlighted combination.

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

Entering Words


In a text entry screen, you can press **[#]** to switch entry modes. An indicator shows which mode is active (see page 40). If **ITAP** mode is not available as the **Primary** or **Secondary** entry mode, see page 39.


Press	To
1 keypad keys (one press per letter)	show possible letter combinations at the bottom of the display
2 ◂◃ left or right	highlight the combination you want
3 SELECT key	lock a highlighted combination You can press keypad keys to add more letters to the end of the combination.
or [*]	enter the highlighted combination when it spells a word A space is automatically inserted after the word.

If you enter a word your phone does not recognize, the 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 to add new words.






Using Numeric Mode

In a text entry screen, press  to switch entry modes until the 123 (numeric) indicator displays.

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

Using Symbol Mode

In a text entry screen, press  to switch entry modes until the @ (symbol) indicator displays.

Press	To
1 keypad keys (one press per symbol)	show possible symbol combinations at the bottom of the display
2  left or right	highlight the combination you want
3 SELECT key	lock a highlighted combination
	You can press keypad keys to add more symbols to the end of the combination.
or	
	enter the highlighted combination

Symbol Chart

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



1	.?! , @ ' - _ : ; () & " ~ 1 0 ÿ j % £ \$ ¥ ¢ € + x * / \ [] = > < # §
2	@ _ \ a ß
3	/ : ; d D e j F
4	" & ' g G h i
5	() [] {} k l L
6	ÿ j ~ m n w W
7	< > = p P r s S
8	\$ £ ¥ ¢ € q Q t u
9	# % * z x X c y Y
0	+ - x * / = > < # §
*	enter a space (hold to enter a return)
#	change text entry mode (hold for default)

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

Deleting Letters and Words

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

Action

Press the **DELETE** key to delete one letter at a time.


Hold the **DELETE** key to delete all the text.



Using the Smart Key

The smart key (see the diagram on page 1) gives you another way to perform many basic phone functions. It anticipates the next action you are likely to perform. For example, when you highlight a menu item, you can press the smart key to select it. The smart key usually performs the same function as the right soft key.

Using the External Display

 When the flip is closed, the external display shows time and phone status information. It also displays messages to notify you of incoming calls and other events.

- For descriptions of status indicators, see page 29.
- For a description of the external camera display, see page 19.

Note: You cannot make or receive calls when the phone is closed unless you attach a headset.

Using the Handsfree Speaker

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

When you activate your phone's built-in handsfree speaker, you can talk to the other party without holding the phone to your ear.

Press the **SPEAKER** key to turn the handsfree speaker on or off during a call.

When you turn the handsfree speaker on, your phone displays **Speaker On** in the home screen. The handsfree speaker remains on until you press the **SPEAKER** key again or turn the phone off.

Note: The handsfree speaker is disabled when you connect your phone to a handsfree car kit or headset accessory.

Changing a Code, PIN, or Password

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

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

You can also reset your SIM card PIN code, or PIN2 code if necessary.

To change a code or password:

Find the Feature



> **Settings** > **Security**

> **New Passwords**



Locking and Unlocking Your Phone

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

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

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

Locking Your Phone Manually

Find the Feature



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

Press	To
1 keypad keys	enter your unlock code
2 OK key	lock the phone

Unlocking Your Phone

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

At the **Enter Unlock Code** prompt:

Press	To
1 keypad keys	enter your unlock code
2 OK key	unlock your phone

Setting Your Phone to Lock Automatically

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

Find the Feature



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

Press	To
1 keypad keys	enter your unlock code
2 OK key	activate automatic lock

If You Forget a Code, PIN, or Password

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

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

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



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



Setting Up Your Phone

Storing Your Name and Phone Number



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

Find the Feature



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

Shortcut: Press from the home screen to edit your name and phone number.

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

Setting the Time and Date

Your phone uses the time and date for the **Datebook**. To change the time or date on your phone.

Find the Feature



> **Settings** > **Initial Setup**
> **Time and Date**
> *time or date*



If you see an **Autoupdate** option under **Time and Date**, you can select **Autoupdate** > **On** to have the network update your phone's time and date automatically.




Setting a Ring Style


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

You can select one of five different ring styles. The ring style indicator in the display shows the current ring style (see page 32).

To set a ring style:

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

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

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

Setting Answer Options

You can activate additional modes for answering calls:

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

Option	Description
Multi-key	answer by pressing any key
Open to Answer	answer by opening the phone

Setting a Wallpaper Image

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

Find the Feature



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

Press

To

1 up or down

scroll to a picture/animation

Scroll to **(None)** to turn off the wallpaper image.

Tip: Press

> **Switch Storage Device** to view pictures stored on the **Phone** or **Trans** memory card.

2 **SELECT** key

select the image

3

scroll to **Layout**

4 **CHANGE** key

adjust the image layout

5

scroll to **Center**, **Tile**, or **Fit-to-screen**

Center places the image in the center of the display.

Tile fills the display with multiple copies of the image.

Fit-to-screen resizes the image, if necessary, to fit the display.



Press	To
6 SELECT key	confirm the layout setting
7 BACK key	save wallpaper settings

Setting a Screen Saver Image

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

Tip: Turn off the screen saver to extend battery life.

Find the Feature



> **Settings** > **Personalize**
> **Screen Saver**

Press	To
1	scroll to Picture
2 CHANGE key	open the picture viewer
3 up or down	scroll to an image Scroll to (None) to turn off the screen saver image.
4 SELECT key	select the image
5	scroll to Delay
6 CHANGE key	set the delay interval
7	scroll to the inactivity interval that triggers the screen saver



Press	To
8 SELECT key	confirm the delay setting
9 BACK key	save the screen saver settings

Setting Display Skin

Change the look and wallpaper for your phone's display by selecting a different skin setting.

Find the Feature  > **Settings** > **Personalize**
> **Skin**

Setting Display Brightness

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

Adjusting the Backlight

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

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

Setting Display Timeout

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

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



Conserving Battery Power

Some networks and phones include a battery save setting to extend battery life. When this feature is activated, your phone automatically turns off the keypad backlight when it detects that enough ambient light is available.

Find the Feature



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



Calling Features

For basic instructions on how to make and answer calls, see page 12.

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**

Tip: The active line indicator in the display shows the currently active phone line (see page 32).

Redialing a Number

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



Using Automatic Redial



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

To redial the phone number:

Press

 or **RETRY** key

To

activate automatic redial

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

Using Caller ID

Incoming Calls



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

The phone displays the caller's name (and picture, if available) when the name is stored in your phonebook.

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**

Shortcut: 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

cancel the incoming call



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

Turning Off a Call Alert

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

Press

volume key

To

turn off the alert (you can still answer)


Calling an Emergency Number

Your service provider programs one or more emergency phone numbers, such as 911 or 112, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.


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



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


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

Dialing International Numbers



Press and hold  to insert the local international access code (+) for the country from which you are calling.

Viewing Recent Calls

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




Shortcut: Press  from the home screen to view the **Dialed Calls** list.

Find the Feature  > **Recent Calls**

Press	To
1 	scroll to Received Calls or Dialed Calls
2 SELECT key	select the list
3 	scroll to an entry

✓ means the call connected.



Press	To
4 	call the entry's number Press and hold  for 2 seconds to send the number as DTMF tones during a call (see page 82).
or VIEW key	view entry details
or 	open the Last Calls Menu to perform various operations on the entry

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

Option	Description
Store	Create a phonebook entry with the number in the No. field. Note: For more information about storing a phone number see page 26.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Hide ID/Show ID	Hide or show your caller ID for the next call.
Send Message	Open a new text message with the number in the To field.
Add Digits	Add digits after the number.





Option	Description
Attach Number	Attach a number from the phonebook or recent calls lists.
Send Tones	Send the number to the network as DTMF tones (see page 82). Note: This option displays only during a call.
Talk then Fax	Talk and then send a fax in the same call (see page 85).

Returning an Unanswered Call

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

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

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



Using the Notepad

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

Find the Feature




> Recent Calls > Notepad

Press	To
	call the number
or	
	open the Dialing Menu to attach a number, insert a special character, or other perform other tasks
or	
STORE key	Note: For more information about storing a phone number see page 26 create a phonebook entry with the number in the No. field

Attaching a Number


While dialing (with digits visible in the display):

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

Calling With Speed Dial



Note: For more information about storing a phone number see page 26.

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

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



To speed dial a phonebook entry, from the home screen:

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

Calling With 1-Touch Dial

Note: For more information about storing a phone number see page 26.

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

Tip: You must specify which phone number list you want to use with this feature: phone memory phonebook or SIM card phonebook (see page 78).

Using Voicemail



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

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

Listening to Voicemail Messages


Find the Feature



> Messages > Voicemail

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

Receiving a Voicemail Message



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

Press	To
CALL key	listen to the message

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

Storing Your Voicemail Number

If necessary, use the following procedure to store your voicemail phone number on your phone. Usually, your service provider has already done this for you.

- Find the Feature
-  > **Messages**
 -  > **Voicemail Setup**

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

You cannot store a **p** (pause), **w** (wait), or **n** (number) character in this number. If you want to store a voicemail



number with these characters, create a phonebook entry for it. Then, you can use the entry to call your voicemail.

Using Call Waiting



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

Press	To
1	answer the new call
2 SWITCH key	switch between calls
or	
LINK key	connect the 2 calls
or	
> End Call On Hold	end the call on hold

You must turn on call waiting to use the feature. To turn call waiting on or off:

Find the Feature



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

Putting a Call On Hold

Press	To
> Hold	put the call on hold

Press the **RESUME** key to resume the call, or press to see other options.



Transferring a Call



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

Announce the Call Transfer

Find the Feature



> **Hold**

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

Do Not Announce the Call Transfer

Find the Feature



> **Transfer**

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



Phone Features

Menu Map

Main Menu



Phonebook



Recent Calls

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



Messages

- Create Message
- Email Msgs
- Message Inbox
- Voicemail
- Browser Msgs
- Info Services *
- Quick Notes
- Outbox
- Drafts
- Media Templates



Office Tools

- SIM Applications *
- Calculator
- Datebook
- Shortcuts
- Voice Records
- Alarm Clock
- Dialing Services
 - Fixed Dial
 - Service Dial *
 - Quick Dial *



Games & Apps



Web Access

- Browser Setup



Multimedia

- Themes
- Camera
- My Pictures
- Sounds
- MotoMixer
- Videos
- Video Camera



AOL



Settings

- (see next page)

* optional features

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

Settings Menu



Personalize

- Home Screen
- Main Menu
- Skin
- Greeting
- Wallpaper
- Screen Saver
- Quick Dial



Ring Styles

- Style
- *style* Detail



Connection

- Bluetooth Link
- Sync
- USB Settings



Call Forward

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



In-Call Setup

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



Initial Setup

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



Phone Status

- My Mobile Numbers
- Active Line *
- Battery Meter
- Storage Devices
- Software Update *
- Other Information



Headset

- Auto Answer
- Voice Dial



Car Settings

- Auto Answer
- Auto Handsfree
- Power-off Delay
- Charger Time



Network

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



Security

- Phone Lock
- Lock Application
- Fixed Dial
- Call Barring
- SIM PIN
- New Passwords
- Certificate Mgmt



Java Settings

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






* optional features



Feature Quick Reference










This section helps you locate features on your phone that are not described in this guide.

Calling Features

Feature	Description
Conference Call	During a call:  > Hold , dial next number, press  , press the LINK key
Call Forwarding	Set up or cancel call forwarding:  > Settings > Call Forward
Restrict Calls	Restrict outgoing or incoming calls:  > Settings > Security > Call Barring
TTY Calls	Set up your phone for use with an optional TTY device:  > Settings > Initial Setup > TTY Setup





Messages

Feature	Description
Send Text Message	Send a text message:  > Messages > Create Message > New Text Msg 
Send Multimedia Message	Send a multimedia message:  > Messages > Create Message > New Multimedia Msg 
Use Media Template	Open an MMS template with preloaded media:  > Messages > Create Message > Media Templates 
Read Message	Read a new text or multimedia message that you have received: Press the READ key. 
Store Message Objects	Go to a multimedia message slide, or highlight an object in a letter, then:  > Store 






AOL® Instant Messenger™ Service







Feature	Description
Sign On	Sign on to AOL Instant Messenger (AIM® Service):  > AIM > Sign On You need a screen name to sign on to AIM. To set up a screen name, see http://www.aim.com .
Find Others Online	After you sign on: Select Buddy List™ to see a list of others online.
Start Conversation	Start a conversation: From your Buddy List™ , highlight a name in Online Buddies , press the SEND IM key.
Open Active Conversation	Open a conversation in progress: From your Buddy List , highlight a name in Conversations , press the VIEW key.
End Conversation	From the conversation display:  > End Conversation
Sign Off	Sign off of AIM®: Select Sign Off from the Online menu.







Email

Feature	Description
Send Email Message	Send an email message:  > Messages > Create Message > New Email 
Read Email Message	Read a new email message that you have received: Press the READ key. 









Phonebook

Feature	Description
Create Entry	Create a new phonebook entry:  > Phonebook  > New > Phone Number or Email Address
Create Group Mailing List	Create a group mailing list as a phonebook entry:  > Phonebook  > New > Mailing List
Dial Number	Call a number stored in the phonebook:  > Phonebook , highlight the phonebook entry, press  to call






Feature	Description
Voice Dial Number	Voice dial a number stored in the phonebook: Press and release the voice key, and say the entry's name (within 2 seconds).
Set Ringer ID for Entry	Assign a distinctive ringer alert to a phonebook entry:  > Phonebook > <i>entry</i>  > Edit > Ringer ID > <i>ringer name</i> Note: The Ringer ID option is not available for entries stored on the SIM card.
Set Picture ID for Entry	Assign a picture to display when you receive calls from an entry:  > Phonebook > <i>entry</i>  > Edit > Picture > <i>picture</i> Note: The Picture option is not available for entries stored on the SIM card.






Feature	Description
Set Category for Entry	Set the category for a phonebook entry:  > Phonebook > entry  > Edit > Category > <i>category name</i> Note: The Category option is not available for entries stored on the SIM card.
Set Picture ID View	View phonebook entries as text list, or with picture caller ID photos:  > Phonebook  > Setup > View by > <i>view</i> Note: The Picture option is not available for entries stored on the SIM card.
Sort Phonebook List	Set the order in which phonebook entries are listed:  > Phonebook  > Setup > Sort by > <i>sort order</i>
Set Primary Number	Set the primary number for a phonebook entry with multiple numbers:  > Phonebook , scroll to entry, press  > Set Primary > <i>phone number</i>








Feature	Description
Copy Phonebook Entry to Another Device	Copy a phonebook entry to another phone, computer, or device:  > Phonebook , highlight the entry, press  > Send > Bluetooth
1-Touch Dial	Set 1-Touch dial to call entries stored in your phone memory phonebook or the SIM card phonebook:  > Settings > Initial Setup > 1-Touch Dial Note: For more information about storing a phone number see page 26.





Personalizing Features

Feature	Description
Ring Style	Change the ring alert for an event:  > Settings > Ring Styles > <i>style Detail</i> > <i>event name</i>
Ringer IDs	Activate distinctive ring alerts assigned to phonebook entries:  > Settings > Ring Styles > <i>style Detail</i> > Ringer IDs
Ring Volume	Set ringer volume:  > Settings > Ring Styles > <i>style Detail</i> > Ring Volume



Feature	Description
Keypad Volume	Set keypad keypress volume:  > Settings > Ring Styles > <i>style</i> Detail > Key Volume
Clock View	Display an analog clock or digital time readout in the home screen:  > Settings > Personalize > Home Screen > Clock
Menu View	Display the main menu as graphic icons or as a text-based list:  > Settings > Personalize > Main Menu > View
Main Menu	Reorder your phone's main menu:  > Settings > Personalize > Main Menu > Reorder
Show or Hide Menu Icons	Show or hide menu feature icons in the home screen:  > Settings > Personalize > Home Screen > Home Keys > Icons





Feature	Description
Change Home Screen Keys & Icons	Change soft key labels, smart key function, and menu feature icons in the home screen:  > Settings > Personalize > Home Screen > Home Keys
Shortcuts	Create a shortcut to a menu item: Highlight the menu item, then press and hold  . Select a shortcut:  > <i>shortcut number</i> or  > Office Tools > Shortcuts > <i>shortcut name</i>



Menu Features

Feature	Description
Language	Set menu language:  > Settings > Initial Setup > Language









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


Dialing Features

Feature	Description
Fixed Dial	<p>When you turn on fixed dialing, you can call only numbers stored in the fixed dial list.</p> <p>Turn fixed dialing on or off:</p> <p> > Settings > Security > Fixed Dial</p> <p>Use the fixed dial list:</p> <p> > Office Tools > Dialing Services > Fixed Dial</p>





Feature	Description
Service Dial	Dial service phone numbers:  > Office Tools > Dialing Services > Service Dial 
Quick Dial	Your service provider may program your phone with quick dial numbers, such as the customer service number. Dial preprogrammed phone numbers:  > Office Tools > Dialing Services > Quick Dial 
DTMF Tones	You can send Dual Tone Multi-Frequency (DTMF) tones to communicate with systems that require you to submit a PIN code or credit card number. To activate DTMF tones:  > Settings > Initial Setup > DTMF To send DTMF tones during a call, press number keys. To send stored numbers as DTMF tones during a call, highlight a number in the phonebook or recent calls lists, then press  > Send Tones.

Call Monitoring

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








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

Feature	Description
Call Times	View call timers:  > Recent Calls > Call Times
In-Call Timer	Display time information during a call:  > Settings > In-Call Setup > In-Call Timer



Handsfree Features

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.





Feature	Description
Speaker- phone	Activate the speakerphone during a call: Press the SPEAKER key (if available) or  > Spkrphone On.
Auto Answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset:  > Settings > Car Settings or Headset > Auto Answer 
Voice Dial (headset)	Enable voice dial with headset send/end key:  > Settings > Headset > Voice Dial 
Auto Handsfree (car kit)	Automatically route calls to a car kit when connected:  > Settings > Car Settings > Auto Handsfree 



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







Data and Fax Calls

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








Bluetooth® Wireless Connections

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.





Feature	Description
Make Phone Visible to Other Device	<p>Allow an unknown Bluetooth® device to discover your phone:</p>  <p> > Settings > Connection > Bluetooth Link > Setup > Find Me</p> <p>Tip: After the first connection, you do not need to select Find Me to reconnect.</p>
Connect to a Handsfree Device	<p>Connect to a handsfree device:</p>  <p> > Settings > Connection > Bluetooth Link > Handsfree > <i>device name</i> or Look for Devices</p> <p>Note: If necessary, enter the Bluetooth® Passkey code for the device (consult the device user's guide, or try 0000).</p>
Connect to a Handsfree Device During a Call	<p>Switch to a headset or car kit during a call:</p>  <p> > Use Bluetooth</p>






Feature	Description
Disconnect From Device	Disconnect from a device: Highlight the device name and press the DROP key. 
Edit Device Properties	Edit the properties of a recognized device: Highlight the device name and press  > Edit . Tip: Use the Access setting to tell your phone to accept all connections from the device (Automatic), no connections (Ignore), or to prompt you (Ask). 
Set Bluetooth[®] Options	Set your phone's Bluetooth options:  > Settings > Connection > Bluetooth Link > Setup  Tip: If you leave Power set to On all the time, your battery will not last as long.







Network Features

Feature	Description
Network Settings	View network information and adjust network settings:  > Settings > Network 
Update Phone Software	Install a phone software update that you received or downloaded from your service provider:  > Settings > Phone Status > Software Update 






Personal Organizer Features

Feature	Description
Create Datebook Event	Create a new datebook event:  > Office Tools > Datebook , highlight the day, press the center select button, press  > New
View or Edit Datebook Event	View or edit event details:  > Office Tools > Datebook , highlight the day, press the center select button, press the VIEW key






Feature	Description
Event Reminder	View event reminder: VIEW key Close event reminder: BACK key
Copy Datebook Event to Another Device	Copy a datebook event to another phone, computer, or device:  > Office Tools > Datebook , highlight the day, press the center select button, highlight the event, press  > Send > Bluetooth
Set Alarm	Set an alarm:  > Office Tools > Alarm Clock
Turn Off Alarm	Turn off alarm: Press the DISABLE key or  . Set 8-minute delay: Press the SNOOZE key.
Create Voice Record	Create a voice record: Press and hold voice key, speak into the phone, release voice key. Note: Recording of phone calls is subject to varying State and Federal laws regarding privacy and recording of phone conversations. Always obey the laws and regulations on the use of this feature.



Feature	Description
Play Voice Record	Play back a voice record:  > Office Tools > Voice Records > voice record Note: Recording of phone calls is subject to varying State and Federal laws regarding privacy and recording of phone conversations. Always obey the laws and regulations on the use of this feature.
Calculator	Calculate numbers:  > Office Tools > Calculator
Currency Converter	Convert currency:  > Office Tools > Calculator  > Exchange Rate Enter exchange rate, press the OK key, enter amount, and press  > Convert Currency.






Security










Feature	Description
SIM PIN	Lock or unlock the SIM card:  > Settings > Security > SIM PIN Caution: If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays SIM Blocked .
Lock Application	Lock phone applications:  > Settings > Security > Lock Application
Certificate Management	Certificates let your phone verify the identity and security of Web sites when you download files or share information. Enable or disable security certificates stored on your phone:  > Settings > Security > Certificate Mgmt








News and Entertainment

Feature	Description
Launch Micro-Browser	Start a micro-browser session: Press  .
Download Objects from Web Page	Download a picture, sound, or phone theme from a Web page: Highlight the file, press the SELECT key, press the STORE key. Note: Normal airtime and/or carrier usage charges apply.
Web Access	Select or create a Web session:  > Show Web Access > Browser
Apply Phone Theme	Apply a grouped set of image and sound files to your phone:  > Multimedia > Themes > theme



Feature	Description
Download Game or Application	<p>Download a Java™ game or application with the micro-browser:</p> <p>Press , highlight the application, press the SELECT key, press the DOWNLOAD key.</p> <p>Normal airtime and/or carrier usage charges apply.</p> 
Launch Game or Application	<p>Launch a Java™ game or application:</p> <p> > Games & Apps, highlight the application, press the SELECT key</p> 
Manage Pictures	<p>Manage pictures and animations:</p> <p> > Multimedia > My Pictures</p> <p>Tip: Press  > Switch Storage Device to view files on your memory card or phone.</p> 
Manage Sounds	<p>Manage ring tones, sounds that you have composed or downloaded:</p> <p> > Multimedia > Sounds</p> <p>Tip: Press  > Switch Storage Device to view files on your memory card or phone.</p>



Feature	Description
Manage Video Clips	Manage video clips:  > Multimedia > Videos Tip: Press  > Switch Storage Device to view files on your memory card or phone.
Edit Sounds With MotoMixer	Edit MIDI-based sound files that you can use with your phone:  > Multimedia > MotoMixer > [New MotoMixer] or mix file name
Create Ring Tones	Create ring tones that you can use with your phone:  > Multimedia > Sounds > [New iMelody]
Camera	Adjust light level and other settings for the built-in camera:   > Pictures Setup



Troubleshooting

If you have questions or need assistance, we're here to help.

Go to www.motorola.com/consumer/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-331-6456 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).



Specific Absorption Rate Data

This 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.¹ 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 1.48 W/kg, and when worn on the body, as described in this user guide, is 1.17 W/kg. The SAR value for this product in its data transmission mode (body-worn use) is 0.54 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).²

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://www.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.

License Agreement for AOL® Instant Messenger™ Service

The AOL Instant Messenger service (the “Service”) is provided to you by AOL, “AS IS,” subject to the terms and conditions of this License Agreement (the “Agreement”). Please read this Agreement in full before using the Service. ONLY INDIVIDUALS WHO HAVE AGREED TO THE TERMS AND CONDITIONS OF THIS AGREEMENT MAY ACCESS THE AOL INSTANT MESSENGER SERVICE.

BY YOUR USE OF THE AOL INSTANT MESSENGER SERVICE, YOU AGREE TO USE THE AOL INSTANT MESSENGER SOFTWARE (THE “SOFTWARE”) AND SERVICE AS PROVIDED IN THIS AGREEMENT.

- 1 Limited License.** AOL grants you a limited, non-exclusive license to use the Software solely for the specified platform to access the Service.
- 2 Restrictions on Use.** You may not create or use any software other than the Software provided by AOL to access the Service, without the express written authorization of AOL. You may not modify, reverse engineer, decompile or disassemble the Software or in any way ascertain, decipher, or obtain the communications protocol for accessing the Service. You may not adapt, alter, modify, translate, or create derivative works of the Software without the express written authorization of AOL. You may not block, disable or otherwise affect any advertising, advertisement banner window, links to other sites and services, or other features that constitute an integral part of the Software and Service. You may not incorporate, integrate or otherwise include the Software or any portion thereof into any

software, program or product that communicates, access, or otherwise connects with any other instant messaging, Internet service, or online service. Finally, you may not authorize or assist any third party to do any of the things described in this paragraph.

- 3 Your Representations.** You represent and warrant that you will use the Software and Service only for lawful purposes and in accordance with this Agreement, and that you will not use the Software or the Service to violate any law, regulation or ordinance or any right of AOL or any third party, including, without limitation, any right of privacy, publicity, copyright or trademark.
- 4 Charges.** Please consult your rate plan and agreement with your service provider to determine if the Service is included in your rate plan, or if other charges may apply.
- 5 Termination.** Should you breach this Agreement, your right to use the Software and the Service shall terminate immediately and without notice. You may also terminate this Agreement by simply discontinuing use of the Software and the Service. In the event of any termination of this Agreement, the restrictions on your use of the Software and Service as set forth in Paragraph 2 (“Restrictions on Use”) shall survive such termination, and you agree to be bound by those terms.
- 6 No Support by AOL.** You understand that you use the Software and the Service at your own risk and provides no assistance or support for your use of the Software or the Service.

- 7 Disclaimer of Warranty. THE SOFTWARE AND THE SERVICE ARE PROVIDED "AS IS," WITHOUT WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION WARRANTIES THAT THE SOFTWARE AND THE SERVICE ARE (A) FREE OF DEFECTS OR ERRORS, (B) VIRUS FREE, (C) ABLE TO MEET ANY REQUIREMENTS OF YOU OR ANYONE ELSE, (D) ABLE TO OPERATE ON AN UNINTERRUPTED BASIS, (E) MERCHANTABLE, (F) FIT FOR A PARTICULAR PURPOSE OR (G) NON-INFRINGEMENT, UNLESS SUCH WARRANTIES ARE LEGALLY INCAPABLE OF EXCLUSION. AOL SHALL HAVE NO LIABILITY WITH RESPECT TO USE OF THE SOFTWARE OR THE SERVICE.
- 8 Limitation of Liability. NEITHER AOL, ITS EMPLOYEES, DISTRIBUTORS, SUPPLIERS, DIRECTORS, NOR AGENTS SHALL BE LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, OR EXEMPLARY DAMAGES, INCLUDING BUT NOT LIMITED TO LOST PROFITS AND LOST DATA, IN ANY WAY ARISING OUT OF OR RELATING TO THIS AGREEMENT, EVEN IN THE EVENT SUCH PARTY HAS BEEN ADVISED AS TO THE POSSIBILITY OF SUCH DAMAGES. BECAUSE SOME STATES OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR THE LIMITATION OF LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, IN SUCH STATES OR JURISDICTIONS, AOL'S LIABILITY SHALL BE LIMITED TO THE EXTENT PERMITTED BY LAW.

- 9 No Trademark License.** No license is granted to you in this Agreement, either expressly or implicitly, to use any trademark, service mark, names, or logos of AOL, including America Online, AOL, AOL Instant Messenger, Instant Messenger, AIM and the Running Man logo. AOL owns all intellectual property in the Software, the Service and the proprietary AOL name space database, including but not limited to AOL components and algorithms and access to the Service server complex. AOL and/or its suppliers or service providers own all customer data collected through the Service registration process.
- 10 Injunctive Relief.** You acknowledge that the Software contains AOL's proprietary and confidential information, and that disclosure of such information or misuse of the Software will give rise to irreparable injury to AOL, inadequately compensable in damages. Accordingly, AOL may seek and obtain injunctive relief against the breach or threatened breach of the foregoing undertakings, in addition to any other legal remedies that may be available.
- 11 Construction.** If any part of the Agreement is held invalid or unenforceable, that portion shall be construed to reflect the parties' original intent, and the remaining portions remain in full force and effect. The laws of the Commonwealth of Virginia, excluding its conflicts-of-law rules, govern this Agreement, and you expressly agree that jurisdiction for any claim or dispute arising from the use of the Protocols resides in the federal and state courts of the Commonwealth of Virginia.

12 Safety. Please obey all local laws and keep safety in mind when using this device to access the Service while engaging in any activity that requires your full attention.

AOL, AOL Instant Messenger, AIM, Buddy List, and Triangle are trademarks, registered trademarks, and service marks of America Online, Inc.

Index

A

- accessories 6, 72
- accessory connector port 1
- active line indicator 32
- active line, changing 59
- AIM 74
- alarm clock 89
- alert
 - creating 94
 - defined 54
 - setting 12, 54, 78
 - turning off 12, 61
- animation
 - downloading 92
 - screen saver 56
 - viewing 93
 - wallpaper 55
- answering a call 12, 54
- AOL Instant Messenger.
See AIM
- application, locking and un-
locking 91
- automatic redial 60

B

- backlight 57
- battery

- charging 10
- extending battery life 8,
57
- installing 10
- level indicator 32
- battery save 58
- Bluetooth 78, 86, 89
- brightness, setting 57
- browser. See micro-browser

C

- calculator 90
- call
 - alert, turning off 12, 61
 - answer options 54
 - answering 12
 - call waiting 68
 - dialed calls list 62
 - dialing 12
 - emergency number 61
 - ending 12
 - forwarding 72
 - handsfree speaker 48
 - hold 68
 - international access code
62
 - making 12
 - received calls list 62

- receiving 12
- restricting 72
- ring style 12, 54, 78
- speakerphone 84
- timers 83
- transferring 69
- unanswered call 64
- Call Failed, Number Busy message 60
- call waiting 68
- caller ID 28, 60, 77
- calling line identification. See caller ID
- camera
 - settings 94
 - taking a photo 17
- category
 - phonebook entry 77
- center select button 33
- certificates 91
- character chart 43
- clock
 - selecting analog or digital 79
 - setting 53
- codes
 - Bluetooth Passkey 86
 - changing 49
 - default 49, 51
 - forgetting 51
- color, setting 57
- conference call 72

- customizing the menu 79

D

- data call 85
- date, setting 53
- datebook 88, 89
- dialed calls list 62
- dialing a number 12, 81, 82
- display
 - backlight 57
 - brightness 57
 - color 57
 - description 29
 - home screen 29
 - language 80
 - personalizing 79, 80
 - skin 57
 - timeout 57
- distinctive ringer alert 78
- DTMF tones
 - activating 82
 - sending 82

E

- earpiece volume 12
- Edge indicator 31
- email 75
- emergency number 61
- end key 1
- ending a call 12
- Enter Unlock Code message

50
errors 95
external display 19, 48
external memory 7, 8, 14

F

fax call 85
5-way navigation key 1, 33
fixed dial 81
forwarding calls 72

G

games 93
GPRS indicator 31
groove tunes 94

H

handsfree speaker 48
headset jack 1
hold a call 68
home keys, personalizing 80
home screen
 defined 29
 selecting clock view 79

I

incoming call
 answering 12
 forwarding 72
Incoming Call message 60
indicators

active line 32
battery level 32
Edge 31
GPRS 31
Java midlet 32
message 32
message waiting 25
ring style 32
roam 31
signal strength 30, 31
text case 40
text entry mode 32, 40
transmission 30
voicemail message 32, 67
instant messenger. See AIM
international access code 62
iTAP
 phonebook search 27
 text entry 44

J

Java applications 93
Java midlet indicator 32

K

key
 center select button 33
 end 1
 5-way navigation 1, 33
 left soft key 1, 30, 80
 menu 1

- power 1
- right soft key 1, 30, 80
- send 1
- smart 48
- voice 1
- volume control 1, 12

keypad

- answering calls 54
- volume, setting 79

L

- language, setting 80
- left soft key
 - functions 1, 30
 - personalizing 80
- line, changing 59
- lock
 - application 91
 - phone 50
 - SIM card 91
- Low Battery message 32

M

- making a call 12
- master clear 81
- master reset 81
- memory card 7, 8, 14
- menu
 - entering text 37
 - icons, changing in home screen 80

- icons, converting to text 79
- icons, showing or hiding 79
- language, setting 80
- personalizing 79
- rearranging features 79
- using 34
- view, changing 79

menu key 1

message

- MMS template 73
- MMS, defined 22
- multimedia message 73
- reading 73
- text 73

message indicator 32

message waiting indicator 25

micro-browser

- browser setup 92
- certificates 91
- Java applications 93
- using 92
- Web sessions 92

MMS template 73

MMS. See message

MotoMixer 94

multimedia message

- receiving 25
- sending 22, 73

multimedia messaging ser-

vice. See message
my telephone number 13, 53

N

network settings 88
notepad 64
number
 storing your number 53
 viewing your number 13
numbers, entering 46

O

1-touch dial
 setting preference 78
 using 66
open to answer 54
optional accessory, defined
6
optional feature, defined 6

P

passwords. See codes
phone
 active line indicator 32
 active line, changing 59
 alert, turning off 12, 61
 answer options 54
 clear stored information
 81
 codes 49
 date, setting 53

keypad, answering calls
54

language, setting 80
locking 50
network settings 88
open to answer 12
reset all options 81
ring style 12, 54, 78
security code 49
time, setting 53
turning on/off 11
unlock code 49
unlocking 11, 50

phone number
 active line indicator 32
 active line, changing 59
 attaching two numbers 65
 finding in phonebook 27
 international access code
 62
 redialing 59
 storing in phonebook 75
 storing your number 53
 viewing your number 13
phone theme 92
phonebook
 attaching two numbers 65
 category for entry 77
 copying entries 78
 dialing a number 75
 dialing an entry 27
 finding an entry 27

- group mailing list 75
- 1-touch dial 66
- picture ID 26, 28, 60, 76, 77
- primary number, setting 77
- ringer ID 76, 78
- sorting entries 28, 77
- speed dial number 65
- storing an entry 75
- voice dialing 76
- photo
 - downloading 92
 - picture ID 28, 60, 77
 - sending 17
 - taking 17
- picture
 - downloading 92
 - screen saver 56
 - viewing 93
 - wallpaper 55
- picture ID 28, 60, 77
 - setting 26, 76
- PIN code
 - changing 49
 - entering 91
- PIN2 code, changing 49
- power key 1
- predictive text entry 44
- primary text entry mode 38

Q

- quick dial 82

R

- received calls list 62
- recent calls 62
- redial
 - automatic redial 60
 - busy number 59
- restricting calls 72
- right soft key
 - functions 1, 30
 - personalizing 80
- ring style indicators 32
- ring style, setting 12, 54, 78
- ring tone
 - creating 94
 - downloading 92
 - editing with MotoMixer 94
 - managing 93
- ringer ID
 - setting 76
 - turning on/off 78
- ringer volume, setting 12, 78
- roam indicator 31

S

- screen saver 56
- secondary text entry mode 38
- security code

- changing 49
- default 49
- send key 1
- service dial 82
- shortcuts 80
- signal strength indicator 30, 31
- silent alert, setting 12, 54, 78
- SIM Blocked message 11, 91
- SIM card
 - defined 7
 - installing 7
 - locking 91
 - PIN code entry 11
 - PIN code, changing 49
 - PIN2 code, changing 49
 - precautions 7
 - SIM Blocked message 11, 91
- SIM PIN code
 - changing 49
 - entering 91
- SIM PIN2 code, changing 49
- skin, changing 57
- smart key 48
- soft keys
 - functions 30
 - illustration 1
 - personalizing 80
- sound
 - creating 94

- downloading 92
- managing 93
- Speaker On message 49
- speakerphone
 - activating 84
 - automatic answer 84
- speed dial 65
- standby time, increasing 57
- support 95
- symbol chart 46
- symbols, entering 46

T

- tap mode text entry 40
- telephone number
 - storing your number 53
 - viewing your number 13
- text
 - capitalization, changing 40
 - character chart 43
 - entering 37
 - entry mode, selecting 38
 - entry mode, setup 39
 - iTAP predictive text entry 44
 - numeric mode 46
 - symbol chart 46
 - symbol mode 46
 - tap mode 40
- text case indicator 40

- text entry mode
 - selecting 38
 - setup 39
- text entry mode indicator 32, 40
- theme 92
- time, setting 53
- timers 83
- transfer a call 69
- transmission indicator 30
- travel charger 11
- troubleshooting 95
- TTY device 72

U

- unlock
 - application 91
 - phone 50
- unlock code
 - bypassing 51
 - changing 49
 - default 49, 51
 - entering 11

V

- vibrate alert
 - setting 12, 54, 78
 - turning off 12, 61
- video clip
 - downloading 73
 - managing 94

- recording 20
- voice dial 76, 84
- voice key
 - dialing a number 76
 - illustration 1
- voice record 89
- voicemail 66
- voicemail message indicator 32, 67
- volume
 - earpiece 12
 - keypad 79
 - ringer 12, 78
- volume keys 1, 12

W

- wallpaper 55
- Web Access 92
- Web pages 92
- Web sessions 92

- Welcome 1

U.S. patent Re. 34,976



MOTOROLA

***IMPORTANT SAFETY AND LEGAL
INFORMATION >***

The information contained in Motorola's user's guides is believed to be correct at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice. The contents of Motorola's user manuals are provided "as is." Except as required by applicable law, no warranties of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, are made in relation to the accuracy, reliability, or contents of this document.

Software Copyright Notice

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

Manual Number: 6809476A21-A

Contents

Safety and General Information	4
Warranty	11
Information from the World Health Organization	17
Product Registration	17
Export Law Assurances	18
Wireless: The New Recyclable	18
Wireless Phone Safety Tips	19

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR PHONE.¹

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 instructions.

External Antenna Care

If your phone has an external antenna, use only the supplied or Motorola-approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and/or may result in non-compliance with local regulatory requirements in your country.

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.

Phone Operation

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

Body-Worn Operation: Voice Communication

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting voice communications, 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 2.5 centimeters (1 inch) 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 2.5 centimeters (1 inch) from your body.

Approved Accessories

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

RF Energy Interference/Compatibility

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

Note: 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.

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

Turn off your wireless device whenever instructed to do so by airline staff. If your device offers a flight mode or similar feature, consult airline staff about use in flight. If your device offers a feature that automatically turns on the phone, then turn off this feature before boarding an airplane or entering an area where the use of wireless devices is restricted.

Medical Devices

Pacemakers

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

Persons with pacemakers should:

- ALWAYS keep the phone more than 15 centimeters (6 inches) 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. Using a phone may be distracting in certain circumstances. Discontinue a call if you can't concentrate on driving.
- Use handsfree operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Responsible driving best practices can be found in the “Wireless Phone Safety Tips” at the end of this guide and/or at the Motorola website: 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.

Gas or Petrol Stations

Obey all posted signs with respect to the use of radio equipment in gas or petrol stations. Turn off your wireless device if instructed by authorized staff.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere. 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.

Damaged Products





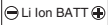
If your phone or battery has been submerged in water, punctured, or subjected to a severe fall, do not use it until you take it to a Motorola Authorized Service Center to determine if it has been damaged. Do not attempt to dry it with an external heat source, such as a microwave oven.

Batteries and Chargers

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 hot. Take care when handling a charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola Original™ batteries and chargers.**

Caution: To avoid risk of personal injury, do not dispose of your battery in a fire.

Your battery, charger, 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.

Choking Hazards

Your phone or its accessories may include detachable parts, which may present a choking hazard to small children. Keep your phone and its accessories away from small children.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing 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 flashing-lights feature on your phone. (The flashing-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate flashing 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 flashing-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 repetitively perform actions such as pressing keys or entering finger-written characters, 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.
1. The information provided in this document supersedes the general safety information in user's guides published prior to January 15, 2005.

Motorola Limited Warranty for the United States and Canada

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

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

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

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

USA	Phones 1-800-331-6456 Pagers 1-800-548-9954 Two-Way Radios and Messaging Devices 1-800-353-2729
Canada	All Products 1-800-461-4575
TTY	1-888-390-6456
For Accessories and Software , 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.

Information from the World Health Organization

Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may want to limit your own or your children's RF exposure by limiting the length of calls or by using handsfree devices to keep mobile phones away from your head and body.

Source: WHO Fact Sheet 193

Further information: <http://www.who.int./peh-emf>

Product Registration

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

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.

Wireless: The New Recyclable

Your wireless phone can be recycled. Recycling your wireless phone reduces the amount of waste disposed in landfills and allows recycled materials to be incorporated into new products.

The Cellular Telecommunications Industry Association (CTIA) and its members encourage consumers to recycle their phones and have taken steps to promote the collection and environmentally sound recycling of end-of-life wireless devices.

As a wireless phone user, you have an important role in ensuring that this phone is recycled properly. When it comes time to give this phone up or trade it in for a new one, please remember that the phone, the charger, and many of its accessories can be recycled. It's easy. To learn more about CTIA's Recycling Program for Used Wireless Devices, please visit us at <http://promo.motorola.com/recycle/phones/whyrecycle.html>

Wireless Phone Safety Tips

Drive Safe, Call Smart SM

Check the laws and regulations on the use of wireless phones 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. Contact www.motorola.com/callsmart for more information.

Your wireless phone lets you communicate by voice and data—almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When driving a car, driving is your first responsibility. If you choose to use your wireless phone while driving, remember the following tips:

- **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.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your wireless phone with one of the many Motorola Original™ handsfree accessories available today.
- **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.
- **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.
- **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.

- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **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 that can divert your attention away from the road.
- **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.¹
- **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.¹
- **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.¹

1. Wherever wireless phone service is available.

motorola.com