INSTRUCTION MANUAL

A preliminary draft copy of the Users Manual follows:

HELLOMOTO

Introducing your new Motorola V186 GSM wireless phone. Here's a quick anatomy lesson.

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1307 East Algonquin Road
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Manual Number: 680XXXXAXX-O

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feature locator

main menu

Phonebook

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

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

Office Tools
- SIM Tool Kit Apps *
- Calculator
- Datebook
- Shortcuts
- Alarm Clock
- Chat
- Dialing Services
  - Voice Dial
  - Fixed Dial
  - Quick Dial
  - Service Dial *

Games & Apps

Web Access
- Browser
- Web Shortcuts
- Stored Pages
- History
- Go To URL
- Browser Setup
- Web Sessions

Multimedia
- Themes
- Pictures
- Sounds
- MotoMixer

IM
- Log In
- Offline Convs.
- IM Account
- Offline Settings
- Help

Settings
- (see next page)

* optional features

This is the standard main menu layout. Your phone's menu may be a little different.

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settings menu

Personalize
- Home Screen
- Main Menu
- Color Style
- Greeting
- Wallpaper
- Screen Saver
- Quick Dial

Ring Styles
- Style
- style Detail

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

In-Call Setup
- In-Call Timer
- Call Cost *
- 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
- Contrast
- DTMF
- Master Reset
- Master Clear

Phone Status
- My Tel. Numbers
- Credit Info/Available *
- Active Line *
- Battery Meter
- 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 Backlight

* optional features

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essentials

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 shows how to locate a menu feature as follows:

Find it: Press ☰ > **Recent Calls** > **Dialed Calls**

This example shows that, from the home screen, you press ☰ to open the menu, highlight and select **Recent Calls**, then highlight and select **Dialed Calls**.

Press ·ọ· to scroll to and highlight a menu feature. Press the **SELECT** key to select the highlighted menu feature.

symbols	
	This means a feature is network/subscription dependent and may not be available in all areas. Contact your service provider for more information.
	This means a feature requires an optional accessory.

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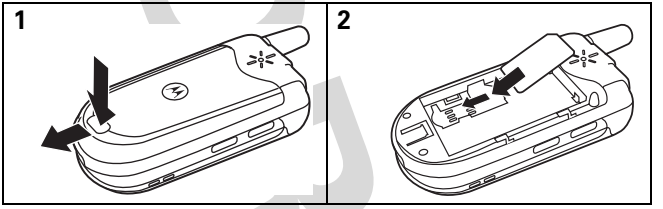
SIM card

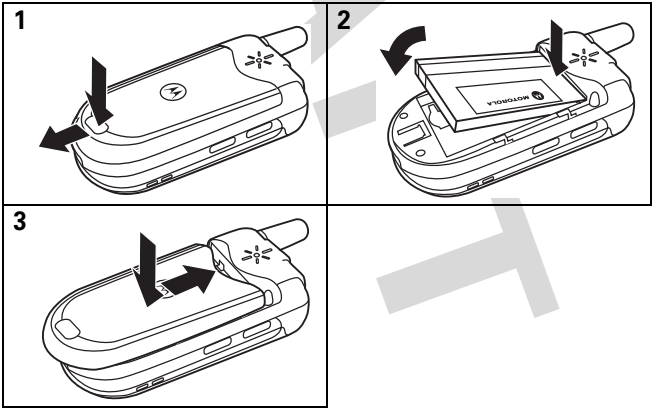
Your *Subscriber Identity Module* (SIM) card contains personal information like your phone number and phonebook entries.

Caution: Don't bend or scratch your SIM card. Keep it away from static electricity, water, and dirt.



battery

battery installation



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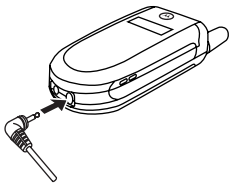
battery charging



New batteries are not fully charged. Plug the travel charger into your phone and an electrical outlet. Your phone displays **Charge Complete** when finished.

Tip: Relax, you can't overcharge your battery. It will perform best after you fully charge and discharge it a few times.

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.

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- 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.

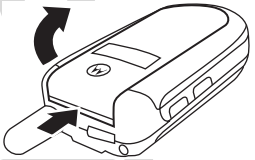
Before using your phone, read the battery safety information in the "Safety and General Information" section included in the gray-edged pages at the back of this guide.

removable lens

Your phone has a removable lens that you can replace to change its appearance.

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

1 Use your fingernail to lift the top of the lens and pull it away from the phone.



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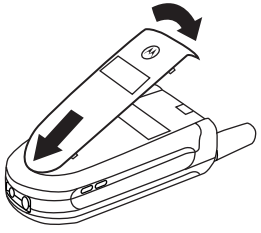
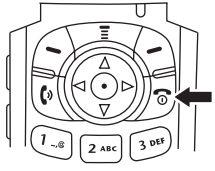
2 Insert the tab at the bottom of the new lens into the bottom of the phone flip, then use your thumbs to press along the sides of the lens as you press it into place.



turn it on & off



To turn on your phone, press and hold ⏻ for 2 seconds. If prompted, enter your 6-digit SIM card PIN code and/or 4-digit unlock code.

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

To turn off your phone, press and hold ⏻ for 2 seconds.

make a call

Enter a phone number and press ✆ to make a call.

To "hang up," close the flip or press ⏻.

answer a call

When your phone rings and/or vibrates, just open the flip or press ✆ to answer.

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To "hang up," close the flip or press ☎.

your phone number

From the home screen, press ☰ # to see your number.

Tip: Want to see your phone number while you're on a call? Press ☰ > **My Tel. Numbers**.

To store or edit your name and number on your SIM card, press the **EDIT** key while displaying it. If you don't know your phone number, contact your service provider.

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main attractions

You can do much more with your phone than make and receive calls!

multimedia messages

send a multimedia message

A *Multimedia Messaging Service* (MMS) message contains pages with text and media objects (including photos, pictures, animations, or sounds). You can send the multimedia message to other MMS-capable phones, and to email addresses.

Find it: Press ☰ > **Messages** > **Create Message** > **New Multimedia Msg**

1 Press keypad keys to enter text on the page (for details about text entry, see page 22).

To insert a **picture, sound, or other object** on the page, press ☰ > **Insert**. Select the file type and the file.

To insert **another page** in the message, enter text or objects on the current page and press ☰ > **Insert** > **New Page**. You can enter more text and objects on the new page.

2 When you finish the message, press the **OK** key.

3 Choose one or more people for **Send To**:

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To select a **phonebook entry**, highlight the entry and press the **ADD** key. Repeat to add other phonebook entries.

To **enter** a new number, highlight **[One Time Entry]** and press the **SELECT** key.

To **enter and store** a new number, highlight **[New Phonebook Entry]** and press the **SELECT** key.

4 When you finish entering numbers/addresses, press the **DONE** key. Your phone displays the message fields.

To enter a **subject** for the message, highlight **Subject** and press the **CHANGE** key.

To **attach a file** to the message, highlight **Attachments** and press the **CHANGE** key. Select the file type and the file.

To request a **delivery receipt** for the message, highlight **Receipt** and press the **CHANGE** key. Press the **ADD** key.

5 To **send** the message, press the **SEND** key.

To **cancel or save** the message as a **Draft**, press ☰.

receive a multimedia message

When you receive a multimedia message or letter, your phone plays an alert and displays **New Message** with a message indicator such as ✉.

Press the **READ** key to open the message.

If a multimedia message contains media objects:

- Photos, pictures, and animations display as you read the message.

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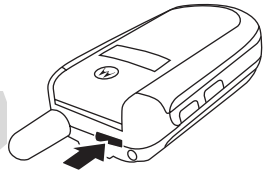
- A sound file plays when its slide displays. Use the volume keys to adjust the sound volume.

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

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

USB connectivity

Your phone has a mini-USB port so you can connect it to a PC to make data and fax calls (see page 52).



Note: Motorola Original USB data cables and supporting software are sold separately.

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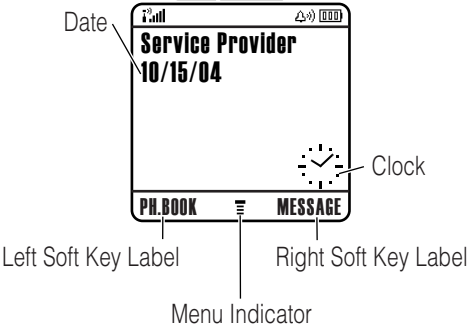
basics

See page 1 for a basic phone diagram.

display

The *home screen* displays when you turn on the phone. To dial a number from the home screen, press number keys and [phone].

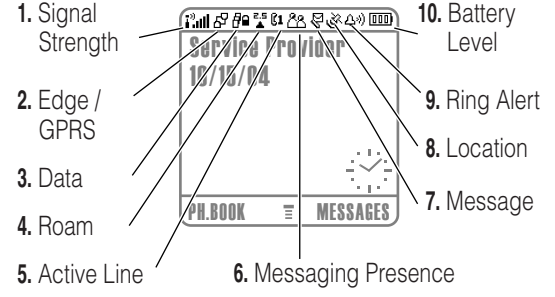
Note: Your home screen may look different from the one below, depending on your service provider.



The *Menu Indicator* shows that you can press [menu] to open the menu. *Soft Key Labels* show the current soft key functions. For soft key locations, see page 1.

Press [navigation] up, down, left, or right to open basic menu features.

Status indicators can display at the top of the home screen:



1 Signal Strength Indicator – Vertical bars show the strength of the network connection. You can't make or receive calls when i or i X displays.

2 Edge / GPRS Indicator – Shows when your phone is using a high-speed Edge or *General Packet Radio Service* (GPRS) network connection. Indicators can include:

= GPRS PDP context active

= GPRS packet data available

= Edge

3 Data Indicator – Shows connection status.

= secure packet data transfer

= unsecure packet data transfer

= secure application connection

= unsecure application connection

= secure *Circuit Switch Data* (CSD) call

= unsecure CSD call

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4 Roam Indicator – Shows when your phone is seeking or using a network outside your home network. Indicators can include:

= 2G home	= 2G roam
= 2.5G home	= 2.5G roam

5 Active Line Indicator – Shows to indicate an active call, or to indicate when call forwarding is on. Indicators 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

6 Messaging Presence Indicator – Shows when Instant Messaging (IM) is active. Indicators can include:

= IM active	= available for IM
= busy	= invisible to IM
= available for phone calls	= offline

When a Java™ application is active, can display here.

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7 Message Indicator – Shows when you receive a new message. Indicators can include:

= text message = voicemail message

= voicemail & text message

= IM message = active chat session

8 Location Indicator – Shows when your phone can send location information or not .

9 Ring Style Indicator – Shows the ring style setting.

= loud ring = vibrate then ring

= soft ring = silent

= vibrate

10 Battery Level Indicator – Vertical bars show the battery charge level. Recharge the battery when your phone shows **Low Battery**.

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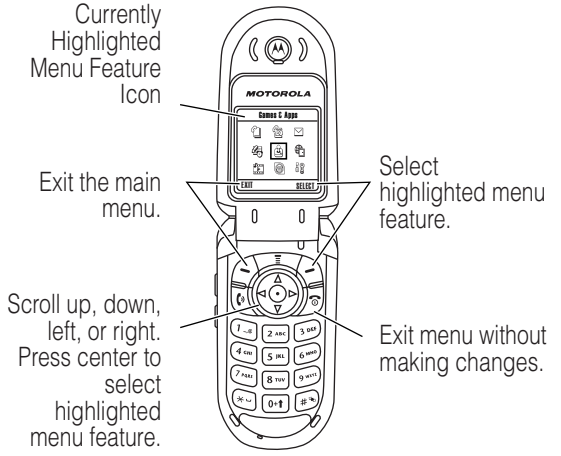
menus

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

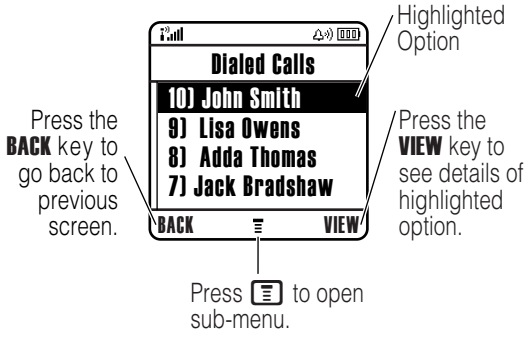


The following menu icons may be available, depending on your service provider and service subscription options.

menu features	
Phonebook	Web Access
Recent Calls	Multimedia
Messages	IM
Office Tools	Settings
Games & Apps	

Note: Your Instant Messaging menu icon may be different from the icon in the table, depending on your service provider.

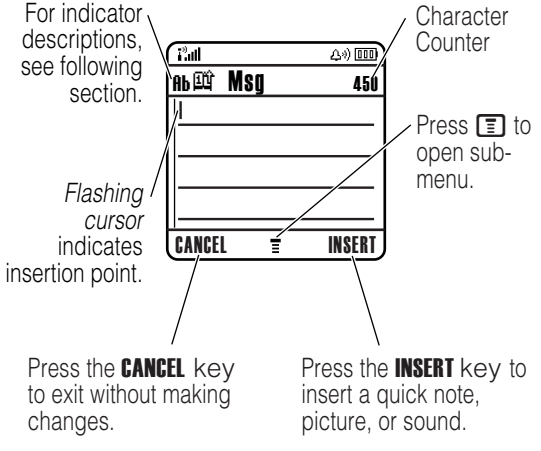
Some features require you to select an option from a list:



- Scroll up or down to highlight the option you want.
- In a numbered list, press a number key to highlight an option.
- In an alphabetized list, press a key repeatedly to cycle through its letters and highlight the closest matching list option.
- When an option has a list of possible settings, scroll left or right to select the setting.
- When an option has a list of possible numeric values, press a number key to set the value.

text entry

Some features let you enter text.



Press # in a text entry screen to select an entry mode:

entry mode	
1 or 1	Your **Primary** text entry mode can be set to any iTAP® 1 or tap 1 mode.
2 or 2	Your **Secondary** text entry mode can be set to any iTAP 2 or tap 2 mode, or set to **None** if you don't want a secondary entry mode.
12	**Numeric** mode enters numbers only.
@	**Symbol** mode enters symbols only.

To set your primary and secondary text entry modes, press ☰ > **Entry Setup** in a text entry screen and select **Primary Setup** or **Secondary Setup**.

Tip: WANT TO SHOUT YOUR MESSAGE? Press 0 in a text entry screen to change text case to no capital letters (**ab**), next letter capital (**Ab** with 1⇧, 2⇧, 1⇧, or 2⇧), or all capitals (**AB** with 1⇧, 2⇧, 1⇧, or 2⇧).

iTAP® mode

Press # in a text entry screen to switch to iTAP mode. If you don't see 123 or 123, press ☰ > **Entry Setup** to set iTAP mode as your primary or secondary text entry mode.

iTAP mode lets you enter words using one keypress per letter. The iTAP software combines your keypresses into common words, and predicts each word as you enter it.

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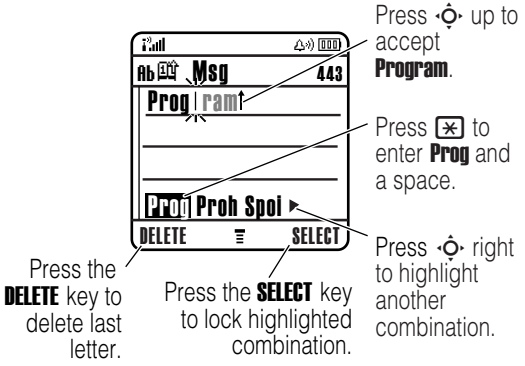
For example, if you press 7 7 6 4, your phone displays:



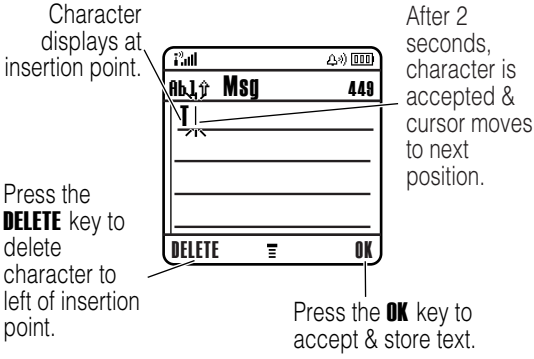
- If you want a different word (such as **Progress**), continue pressing keypad keys to enter the remaining characters.
- To enter numbers quickly, press and hold a number key to temporarily switch to numeric mode. Press the number keys to enter the numbers you want. Enter a space to change back to iTAP mode.
- Press 1 to enter punctuation or other characters.

tap mode

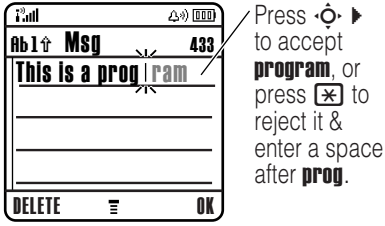
Press # in a text entry screen to switch to tap mode. If you don't see **Ab1** or **Ab2**, press ☰ > **Entry Setup** to set tap mode as your primary or secondary text entry mode.

To enter text in tap mode, press a keypad key repeatedly to cycle through the letters and number on the key. Repeat this step to enter each letter.

For example, if you press 8 one time, your phone displays:



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



- The first character of every sentence is capitalized. If necessary, press ·◌· down to change the character to lowercase before the cursor moves to the next position.
- Press ·◌· to move the flashing cursor to enter or edit message text.
- If you don't want to save your text or text edits, press ☎ to exit without saving.
- *Tap extended* mode cycles through additional special characters and symbols as you repeatedly press a keypad key.

numeric mode

Press # in a text entry screen until you see 12. Press the number keys to enter the numbers you want.

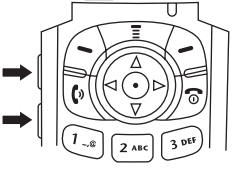
symbol mode

Press # in a text entry screen until you see @. Press a keypad key to show its symbols at the bottom of the display. Highlight the symbol you want, then press the **SELECT** key.

volume

Press the volume keys to:

- turn off an incoming call alert
- change the earpiece volume during calls



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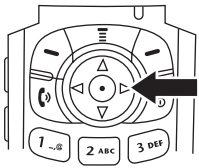
- change the ringer volume from the home screen

  Tip: Sometimes silence really is golden. That's why you can quickly set your ringer to **Vibrate** or **Silent** by pressing the down volume key repeatedly in the home screen.

navigation key

Press the *navigation key* up, down, left, or right to scroll and highlight things. When you highlight something, press the *center key* to select it. The center key usually does the same thing as the right soft key.



external display

When your phone is closed, the external display shows the time and indicates phone status, incoming calls, and other events. For a list of phone status indicators, see page 17.

handsfree speaker

You can use your phone's handsfree speaker to make calls without holding the phone to your ear.

During a call, press the **SPEAKER** key to turn the handsfree speaker on or off. Your phone displays **Spkrphone On** until you turn it off or end the call.

Note: The handsfree speaker won't work when your phone is connected to a handsfree car kit or headset.

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codes & passwords

Your phone's 4-digit **unlock code** is originally set to **1234**. The 6-digit **security code** is originally set to **000000**. If your service provider didn't change these codes, you should change them:

Find it: Press ☰ > Settings > Security > New Passwords

You can also change your **SIM PIN** or call barring passwords.

If you forget your unlock code: At the Enter Unlock Code prompt, try entering 1234 or the last four digits of your phone number. If that doesn't work, press ☰ and enter your 6-digit security code instead.

If you forget other codes: If you forget your security code, SIM PIN code, PIN2 code, or call barring password, contact your service provider.

lock & unlock phone

You can lock your phone to keep others from using it. To lock or unlock your phone, you need the 4-digit unlock code.

To **manually lock** your phone: Press ☰ > Settings > Security > Phone Lock > Lock Now.

To **automatically lock** your phone whenever you turn it off: Press ☰ > Settings > Security > Phone Lock > Automatic Lock > On.

Note: You can make emergency calls on a locked phone (see page 37). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer**.

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ring style

Each ring style profile uses a different set of sounds or vibrations for incoming calls and other events. Here are the profiles you can choose:

Loud	Vibrate	Silent
Soft	Vibe then Ring	

The ring style profile's indicator displays at the top of your home screen. To choose your profile:

Find it: Press MENU > **Settings** > **Ring Styles** > **Style** > *style name*

change alerts in a ring style

You can change the alerts for incoming calls and other events. Your changes are saved in the current ring style profile.

Find it: Press MENU > **Settings** > **Ring Styles** > *Style* **Detail**

Note: *Style* represents the current ring style. You can't set an alert for the **Silent** ring style setting.

1. Highlight **Calls** (or **Line 1** or **Line 2** for dual line phones), then press the **CHANGE** key to change it.
2. Highlight the alert you want, then press the **SELECT** key.
3. Press the **BACK** key to save the alert setting.

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time & date

You need to set your phone's time and date to use the datebook.

Find it: Press ☰ > **Settings** > **Initial Setup** > **Time and Date**

Note: To choose an analog or digital clock for your home screen, press ☰ > **Settings** > **Personalize** > **Home Screen** > **Clock**.

wallpaper

Set a photo, picture, or animation as a wallpaper (background) image in your home screen.

Find it: Press ☰ > **Settings** > **Personalize** > **Wallpaper**

option	
Picture	Select an image for your wallpaper image, or **None** for no wallpaper.
Layout	Select **Center** to center the image in the display, **Tile** to repeat the image across the display, or **Fit-to-screen** to stretch the image across the display.

screen saver

Set a photo, picture, or animation as a screen saver image. The screen saver displays when the flip is open and no activity is detected for a specified time.

Tip: This feature helps save your screen, but not your battery. To extend battery life, turn off the screen saver.

Find it: Press ☰ > **Settings** > **Personalize** > **Screen Saver**

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option	
Picture	Select an image for your screen saver, or None for no screen saver.
Delay	Select the length of inactivity before the screen saver displays.

themes

A *phone theme* is a group of image and sound files that you can apply to your phone. Most themes include a wallpaper image, screen saver image, and ring tone. Your phone may come with some themes, and you can download more.

To **apply** a theme, press MENU > Multimedia > Themes > *theme*.

To **download** a theme, see page 55.

To **delete** a theme, press MENU > Multimedia > Themes, scroll to the theme, and press MENU > Delete or Delete All.

Note: You can delete only downloaded themes.

display appearance

To choose the **colors** that your phone uses for indicators, highlights, and soft key labels: Press MENU > Settings > Personalize > Color Style.

To save battery life, your **backlight** turns off when you're not using your phone. The backlight turns back on when you open the flip or press any key. To set how long your phone waits before the backlight turns off:

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Press ☰ > **Settings** > **Initial Setup** > **Backlight**.

Note: To turn the backlight on or off for Java™ applications, press ☰ > **Settings** > **Java Settings** > **App Backlight**.

To save battery life, the **display** can turn off when you're not using your phone. The display turns back on when you open the flip or press any key. To set how long your phone waits before the display turns off:

Press ☰ > **Settings** > **Initial Setup** > **Display Timeout**.

answer options

You can use additional, alternative methods to answer an incoming call. To activate or deactivate an answer option:

Find it: Press ☰ > **Settings** > **In-Call Setup** > **Answer Options**

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

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calls

To make and answer calls, see page 11.

turn off a call alert

You can press the volume keys to turn off a call alert before answering the call.

recent calls

Your phone keeps lists of incoming and outgoing calls, even for calls that didn't connect. The most recent calls are listed first. The oldest calls are deleted as new calls are added.

Shortcut: Press [phone] from the home screen to see the dialed calls list.

Find it: Press [menu] > **Recent Calls**

1. Highlight **Received Calls** or **Dialed Calls**, then press the **SELECT** key.
2. Highlight a call. A ✓ next to a call means the call connected.
   - To call the number, press [phone].
   - To see call details (like time and date), press the **VIEW** key.
   - To see the **Last Calls Menu**, press [menu]. This menu can include:

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option	
Store	Create a phonebook entry with the number in the **No.** field.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Hide ID/Show ID	Hide or show your caller ID for the next call.
Send Message	Open a new text message with the number in the **To** field.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent calls lists.
Send Tones	Send the number to the network as DTMF tones. This option displays only during a call.
Talk then Fax	Talk and then send a fax in the same call (see page 52).

redial

1 Press [phone] from the home screen to see the dialed calls list

2 Highlight the entry you want to call, then press [phone].

If you hear a **busy signal** and you see **Call Failed, Number Busy**, press [phone] or the **RETRY** key to redial the number. When the call goes through, your phone rings or

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vibrates one time, displays **Redial Successful**, and connects the call.

return a call

Your phone keeps a record of your unanswered calls, and displays **X Missed Calls**, where **X** is the number of missed calls.

1 Press the **VIEW** key to see the received calls list.

2 Highlight the call you want to return, then press .

notepad

The last set of digits entered on the keypad are stored in *notepad* memory. This can be the last phone number you called, or a number that you "jot down" during a call for later use. To see the number stored in the notepad:

Find it: Press > **Recent Calls** > **Notepad**

- To call the number, press .
- To create a phonebook entry with the number in the **No.** field, press the **STORE** key .
- To open the **Dialing Menu** to attach a number or insert a special character, press .

hold or mute a call

Press > **Hold** to put all active calls on hold.

Press > **Mute** to put all active calls on mute.

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call waiting

When you're on a call, you'll hear an alert if you receive a second call.

Press ⓒ to answer the new call.

- To switch between calls, press the **SWITCH** key.
- To connect the two calls, press the **LINK** key.
- To end the call on hold, press ☰ > **End Call On Hold**.

To turn the call waiting feature on or off:

Find it: Press ☰ > **Settings** > **In-Call Setup** > **Call Waiting**

caller ID

Calling line identification (caller ID) shows the phone number for an incoming call in your external and internal displays.

Your phone shows the caller's name and picture when they're stored in your phonebook, or **Incoming Call** when caller ID information isn't available.

You can set your phone to play a distinctive ringer ID for specific entries stored in your phonebook (see page 43).

To show or hide **your phone number** for the next outgoing call, enter digits in the display, then:

Find it: Press ☰ > **Hide ID/Show ID**

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emergency calls

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.

1 Press the keypad keys to dial the emergency number.

2 Press [phone] to call the emergency number.

international calls

If your phone service includes international dialing, press and hold [0] to insert your local international access code (indicated by **+**). Then, press the keypad keys to dial the country code and phone number.

1-touch dial

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

You can set 1-touch dial to call the entries in your phone's memory phonebook, your SIM card's phonebook, or your Fixed Dial list:

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Find it: Press MENU > **Settings** > **Initial Setup** > **1 Touch Dial** > **Phone**, **SIM**, or **Fixed Dial**

voicemail

Your network stores the voicemail messages you receive. To listen to your messages, call your voicemail number.

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

When you **receive** a voicemail message, your phone displays the voicemail message indicator and **New Voicemail**. Press the **CALL** key to listen to the message.

To **check** voicemail messages:

Find it: Press MENU > **Messages** > **Voicemail**

Your phone may prompt you to store your voicemail phone number. If you don't know your voicemail number, contact your service provider

Note: You can't 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.

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other features

advanced calling

feature	
conference call	During a call: Dial next number, press [OK], press the **LINK** key.
transfer a call	During a call: [MENU] > **Transfer**, dial transfer number, press [OK]
attach a phone number	Dial an area code or prefix for a phonebook number, then: [MENU] > **Attach Number**
speed dial	Speed dial a phonebook entry: Enter speed dial number, press [#], press [OK]. **Tip:** If you forget Aunt Mildred's speed dial number, press [MENU] > **Phonebook**, highlight her entry, and press the **VIEW** key.
call forwarding	Set up or cancel call forwarding: [MENU] > **Settings** > **Call Forward**
call barring	Restrict outgoing or incoming calls: [MENU] > **Settings** > **Security** > **Call Barring**

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feature	
TTY calls	Set up your phone for use with an optional TTY device: MENU > Settings > Initial Setup > TTY Setup
change phone line	If you have a dual-line-enabled SIM card, you can change your line to make and receive calls from your other phone number. MENU > Settings > Phone Status > Active Line The active line indicator shows the active phone line (see page 18).
fixed dial	When you turn on fixed dialing, you can call only numbers stored in the fixed dial list. Turn fixed dialing on or off: MENU > Settings > Security > Fixed Dial Use the fixed dial list: MENU > Office Tools > Dialing Services > Fixed Dial
service dial	Dial service phone numbers: MENU > Office Tools > Dialing Services > Service Dial
quick dial	Dial preprogrammed phone numbers: MENU > Office Tools > Dialing Services > Quick Dial

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feature	
DTMF tones	Activate DTMF tones: ☰ > Settings > Initial Setup > DTMF Send DTMF tones during a call: Press number keys. Send stored numbers as DTMF tones during a call: Highlight a number in the phonebook or recent calls lists, then press ☰ > Send Tones.

phonebook

feature	
add new entry	☰ > Phonebook ☰ > New > Phone Number or Email Address **Shortcut:** Enter a phone number in the home screen, then press the STORE key to create an entry for that number. **Tip:** One phone isn't enough for some people. When creating a phonebook entry, select MORE to store another number for the same Name.

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feature	
record a voice name	When creating a phonebook entry, highlight **Voice Name** and press the **RECORD** key. Press the **RECORD** key again and say the entry's name (within 2 seconds). When prompted, press the **RECORD** key and repeat the name. **Note:** The **Voice Name** option isn't available in entries stored on the SIM card.
dial number	Call a number stored in the phonebook: MENU > **Phonebook**, highlight the phonebook entry, press SEND **Shortcut:** In the phonebook, press a keypad key one or more times to jump to entries that begin with the key's letters.
voice dial number	Voice dial a number stored in the phonebook: MENU > **Office Tools** > **Dialing Services** > **Voice Dial** When prompted, say the entry's voice name (within 2 seconds). **Tip:** If you use **Voice Dial** a lot, you can create a shortcut to it. Highlight **Voice Dial**, then press and hold MENU. To use the shortcut, press MENU and the shortcut key number.

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feature	
set ringer ID for entry	Assign a distinctive ring alert (ringer ID) to an entry: M > **Phonebook** > *entry* M > **Edit** > **Ringer ID** > *ringer name* **Note:** The **Ringer ID** option isn't available in entries stored on the SIM card. To activate ringer IDs: M > **Settings** > **Ring Styles** > *style* **Detail** > **Ringer IDs**
set picture ID for entry	Assign a photo or picture to display when you receive a call from an entry: M > **Phonebook** > *entry* M > **Edit** > **Picture** > *picture name* **Note:** The **Picture** option isn't available in entries stored on the SIM card.
set picture ID view	Display entries as a text list, or with picture caller ID photos: M > **Phonebook** M > **Setup** > **View by** > *view name*
set category for entry	M > **Phonebook** > *entry* M > **Edit** > **Category** > *category name* **Note:** The **Category** option isn't available in entries stored on the SIM card.

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feature	
set category view	☰ > **Phonebook** ☰ > **Categories** > *category view* You can display **All** entries, entries in a predefined category (**Business**, **Personal**, **General**, **VIPs**), or entries in a category you create.
sort phonebook list	Set the order in which entries are listed: ☰ > **Phonebook** ☰ > **Setup** > **Sort by** > *sort order* You can sort the phonebook list by **Name**, **Speed No.**, **Voice Name**, or **Email**. When sorting by name, you can display **All** numbers or just the **Primary** number for each name.
set primary number or address	Set the primary number for an entry with multiple numbers: ☰ > **Phonebook**, highlight the entry, press ☰ > **Set Primary** > *number* or *address* **Tip:** In **Primary** number view mode, you can still peek at other numbers stored for the same name. Highlight the name and press ·Ö· left or right to see the other numbers.

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feature	
copy phonebook entry	Copy an entry from the phone to the SIM card, or from the SIM card to the phone: ☰ > **Phonebook**, highlight the entry, press ☰ > **Copy** > **Entries** > **To**
create group mailing list	☰ > **Phonebook**☰ > **New** > **Mailing List**

messages

feature	
send text message	☰ > **Messages** > **Create Message** > **New Short Msg**
send letter	☰ > **Messages** > **Create Message** > **New Letter**
use a multimedia template	Open a multimedia template with preloaded media: ☰ > **Messages** > **Create Message** > **MMS Template**
read new message	Read a new text message or multimedia message that you have received: Press the **READ** key when the **New Message** notification displays.
read old messages	☰ > **Messages** > **Message Inbox** Press ☰ to perform various operations on a message.

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feature		
store message objects	Go to a multimedia message page, or highlight an object in a letter, then: MENU > **Store**	

instant messaging

feature		
log in	MENU > **IM** > **Log In**	
find others online	After you log in: Select **Contact List** to see a list of other users.	
start conversation	From your **Contact List**, highlight a name in **Online Contacts**, press the **SEND IM** key.	
open active conversation	From your **Contact List**, highlight a name in **Conversations**, press the **VIEW** key.	
end conversation	From the conversation display: MENU > **End Conversation**	
log out	Select **Log Out** from the **IM Online** menu.	
create or change IM accounts	MENU > **IM** > **IM Account** Select an IM account, or select **New** to create a new IM account.	

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chat

feature		
start chat	MENU > Office Tools > Chat MENU > New Chat	
receive chat request	Press the ACCEPT key or the IGNORE key.	
end chat	During a chat session: MENU > End Chat	

personalizing

feature	
language	Set menu language: MENU > Settings > Initial Setup > Language
scroll	Set the highlight bar to stop or wrap around in menu lists: MENU > Settings > Initial Setup > Scroll
activate ringer IDs	Activate ringer IDs assigned to phonebook entries and categories: MENU > Settings > Ring Styles > *style* Detail > Ringer IDs
ring volume	MENU > Settings > Ring Styles > *style* Detail > Ring Volume
keypad volume	MENU > Settings > Ring Styles > *style* Detail > Key Volume

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feature	
reminders	Set reminder alerts for messages that you receive: M > **Settings** > **Ring Styles** > *style* **Detail** > **Reminders**
clock view	Display an analog or digital clock in the home screen: M > **Settings** > **Personalize** > **Home Screen** > **Clock**
menu view	Display the main menu as graphic icons or as a text-based list: M > **Settings** > **Personalize** > **Main Menu** > **View**
main menu	Reorder your phone's main menu: M > **Settings** > **Personalize** > **Main Menu** > **Reorder**
show/hide menu icons	Show or hide menu feature icons in the home screen: M > **Settings** > **Personalize** > **Home Screen** > **Home Keys** > **Icons**
change home keys	Change the functions for the soft keys and navigation key in the home screen: M > **Settings** > **Personalize** > **Home Screen** > **Home Keys**

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feature	
shortcuts	Create a shortcut to a menu item: Highlight the menu item, then press and hold ☰. Use a shortcut: Press ☰, then press the shortcut number.
master reset	Reset all options **except** unlock code, security code, and lifetime timer: ☰ > Settings > Initial Setup > Master Reset
master clear	Clear all settings and entries you made **except** SIM card information, downloaded pictures and sound files, and reset all options **except** unlock code, security code, and lifetime timer: ☰ > Settings > Initial Setup > Master Clear **Caution:** Master clear **erases all information you have entered** (including phonebook and datebook entries) **and content you have downloaded** (including photos and sounds) stored in your phone's memory. After you erase the information, you can't recover it.

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call times & costs

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		
call times	Display call timers: ☰ > Recent Calls > Call Times	
in-call timer	Display time or cost information during a call: ☰ > Settings > In-Call Setup > In-Call Timer	
call cost	Display call cost trackers: ☰ > Recent Calls > Call Cost	

handsfree

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.

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feature	
speakerphone	Activate a connected external 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**
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**

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data & fax calls

feature		
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 fax number, press MENU > **Talk then Fax**, then press SEND to make the call.	

network

feature		
network settings	Display network information and adjust network settings: MENU > **Settings** > **Network**	

personal organizer

feature	
set alarm	MENU > **Office Tools** > **Alarm Clock**

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feature	
turn off alarm	When an alarm displays: To turn off the alarm, press the **DISABLE** key or ☎. To set an 8 minute delay, press the **SNOOZE** key.
add new datebook event	☰ > **Office Tools** > **Datebook**, highlight the day, press ·●·, press ☰ > **New**
view datebook event	Display or edit event details: ☰ > **Office Tools** > **Datebook**, highlight the day, press ·●·, press the **VIEW** key
event reminder	When an event reminder displays: To see reminder details, the **VIEW** key. To close the reminder, press the **EXIT** key.
calculator	☰ > **Office Tools** > **Calculator**
currency converter	☰ > **Office Tools** > **Calculator**☰ > **Exchange Rate** Enter exchange rate, press the **OK** key, enter amount, and select **$** at the bottom of the display.

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security

feature	
SIM PIN	Lock or unlock the SIM card: MENU > 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 feature	MENU > Settings > Security > Lock Application
manage certificates	Enable or disable Internet access certificates stored on your phone: MENU > Settings > Security > Certificate Mgmt Certificates are used to verify the identity and security of Web sites when you download files or share information.

fun & games

feature	
manage pictures	Manage photos, pictures, and animations: MENU > Multimedia > Pictures
manage sounds	Manage ring tones and music that you have downloaded or composed: MENU > Multimedia > Sounds

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feature	
edit sounds with motomixer	Edit MIDI-based sound files that you can use with your phone: MENU > **Multimedia** > **MotoMixer**
start micro-browser	MENU > **Web Access** > **Browser**
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.
web sessions	Select or create a Web session: MENU > **Web Access** > **Web Sessions**
download game or application	Download a Java™ game or application with the micro-browser: MENU > **Web Access** > **Browser**, highlight the application, press the **SELECT** key, press the **DWNLOAD** key
start game or application	Start a Java™ game or application: MENU > **Games & Apps**, highlight the game or application, press the **SELECT** key
create ring tones	Create ring tones that you can use with your phone: MENU > **Multimedia** > **Sounds** > **[New iMelody]**

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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).

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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 1.40 W/kg , and when worn on the body, as described

in this user guide, is 0.28 W/kg. The SAR value for this product in its data transmission mode (body-worn use) is 0.25 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.

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IMPORTANT SAFETY AND LEGAL INFORMATION>

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Safety and General Information

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

The information provided in this document supersedes the general safety information in user's guides published prior to December 1, 2002.

Exposure To Radio Frequency (RF) Energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Your Motorola phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Operational Precautions

To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards, always adhere to the following procedures.

External Antenna Care

Use only the supplied or Motorola-approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone.

Do NOT hold the external antenna when the phone is IN USE. Holding the external antenna affects call quality and may cause the phone to operate at a higher power level than needed. In addition, use of unauthorized antennas may result in non-compliance with the local regulatory requirements in your country.

Phone Operation

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

Body-Worn Operation

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines. If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 1 inch (2.5 centimeters) from your body when transmitting.

Data Operation

When using any data feature of the phone, with or without an accessory cable, position the phone and its antenna at least 1 inch (2.5 centimeters) from your body.

Approved Accessories

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

RF Energy Interference/Compatibility

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

Facilities

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

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

Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimeters) from your pacemaker when the phone is turned ON.
- NOT carry the phone in the breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Use While Driving

Check the laws and regulations on the use of phones in the area where you drive. Always obey them.

When using your phone while driving, please:

- Give full attention to driving and to the road.
- Use 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 may be found in the "Wireless Phone Safety Tips" at the end of this manual and 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.

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.

Batteries

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola original batteries and chargers.**

Your battery or phone may contain symbols, defined as follows:

Symbol	Definition
	Important safety information will follow.
	Your battery or phone should not be disposed of in a fire.
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Your battery or phone should not be thrown in the trash.
	Your phone contains an internal lithium ion battery.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to 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 play games on your phone, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

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

FDA Consumer Information on Wireless Phones

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

`http://www.fda.gov/cellphones/qa.html`

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

Do wireless phones pose a health hazard?

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

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

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio

frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

What about children using wireless phones?

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

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

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

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

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

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

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

Motorola Limited Warranty for the United States and Canada

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	**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.

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.

RF Energy Interference

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.

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 in the United States, including information on where to recycle wireless devices near you, please visit `www.recyclewirelessphones.com`.

Wireless Phone Safety Tips

"Safety is your most important call!"

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

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

1 **Get to know your Motorola wireless phone and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.

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

3 **Position your wireless phone within easy reach.** Be able to access your wireless phone without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.

4 **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.

5 **If you receive an incoming call at an inconvenient time do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility—driving safely.

6 **Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic.** Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

7 **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations which have the potential to divert your attention away from the road.

8 **Use your wireless phone to call for help.** Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.*

9 **Use your wireless phone to help others in emergencies.** If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.*

10 **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.*

* Wherever wireless phone service is available.

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

For more information, please call 1-888-901-SAFE or visit the CTIA Web site at www.wow-com.com™