MOTOMANUAL
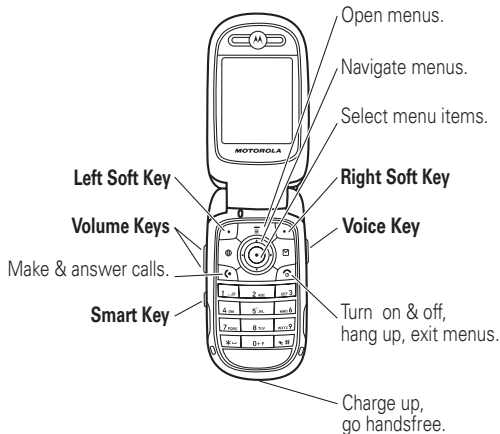
V235
GSM

motorola.com

HELLOMOTO

Introducing your new Motorola V235 GSM wireless phone. Here's a quick anatomy lesson.

Open menus.

Navigate menus.

Select menu items.

Left Soft Key

Right Soft Key

Volume Keys

Voice Key

Make & answer calls.

Smart Key

Turn on & off,
hang up, exit menus.

Charge up,
go handsfree.

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contents

menu map

main menu

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

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Voice Records**

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* optional features

** This feature may appear under the **Tools** menu, depending on your carrier.

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

settings menu

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Java Settings
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- App Backlight

* optional features

Use and Care

To care for your Motorola phone, please keep it away from:

liquids of any kind
Don't expose your phone to water, rain, extreme humidity, sweat, or other moisture.

dust and dirt
Don't expose your phone to dust, dirt, sand, food, or other inappropriate materials.

extreme heat or cold
Avoid temperatures below -10°C/14°F or above 45°C/113°F.

cleaning solutions
To clean your phone, use only a dry soft cloth. Don't use alcohol or other cleaning solutions.

microwaves
Don't try to dry your phone in a microwave oven.

the ground
Don't drop your phone.

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 $\boxed{\text{I}}$ > $\text{\textcircled{R}}$ Recent Calls > Dialed Calls

This example shows that, from the home screen, you press $\boxed{\text{I}}$ to open the menu, highlight and select $\text{\textcircled{R}}$ Recent Calls, then highlight and select Dialed Calls.

Press $\cdot\dot{\varphi}\cdot$ to scroll to and highlight a menu feature. Press the SELECT key to select the highlighted menu feature.

| symbols	
$\text{\textcircled{A}}$	This means a feature is network/subscription dependent and may not be available in all areas. Contact your service provider for more information.
$\text{\textcircled{H}}$	This means a feature requires an optional accessory.

SIM card

Your *Subscriber Identity Module* (SIM) card contains personal information like your phone number and phonebook entries.
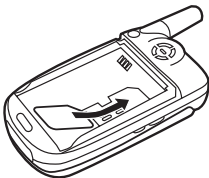
Caution: Don't bend or scratch your SIM card. Keep it away from static electricity, water, and dirt.
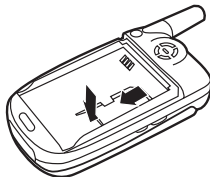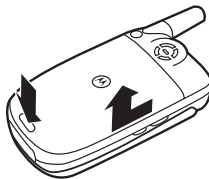
To install a SIM card:
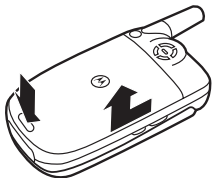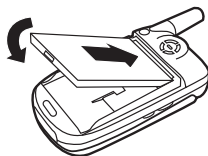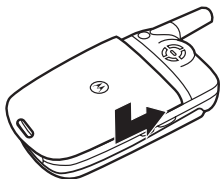

To remove a SIM card:
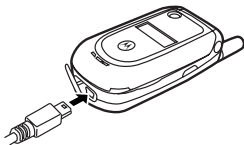

battery

battery installation

3

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.

You can charge your battery by connecting a cable from your phone's mini-USB port to a USB port on a computer. Both your phone and the computer must be turned on, and your computer must have the correct software drivers installed. Cables and software drivers are available in Motorola Original data kits, sold separately.

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.

- 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 this guide.

turn it on & off

To turn on your phone, press and hold 🔴 for a few seconds or until the display turns on. 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

Note: Your phone cannot receive data over an EDGE network while it is playing videos or some sound files. The EDGE Ϟ status indicator appears at the top of your display when you can receive data over an EDGE network.

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

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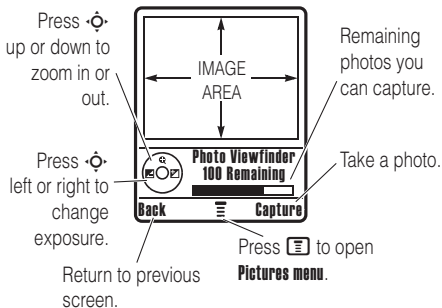
To store or edit your name and phone number on your SIM card, press the **Edit** key while displaying it. If you don't know your phone number, contact your service provider.

main attractions

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

take & send a photo

Press $\boxed{\Xi}$ > $\boxed{\ }$ **Multimedia** > **Camera** to see the camera viewfinder:

Press $\cdot\dot{\diamond}\cdot$ up or down to zoom in or out.

Press $\cdot\dot{\diamond}\cdot$ left or right to change exposure.

Return to previous screen.

IMAGE AREA

Remaining photos you can capture.

Photo Viewfinder
100 Remaining

Take a photo.

Back　　**Capture**

Press $\boxed{\Xi}$ to open **Pictures menu**.

Note: Adjusting the exposure will affect the brightness of both the Photo Viewfinder display and the captured photo.

1 Point the camera lens at the photo subject.

You can press $\boxed{\Xi}$ to open the **Pictures Menu**. See the table after this procedure.

2 Press the **Capture** key to take a photo.

3 To send the photo in a multimedia message, press **Store** > **Send in Message**, enter a text note, press **Send To**, scroll to and select a recipient address, press the center key $\cdot\dot{\bullet}\cdot$, then press **Send**.

or

To store the photo, press **Store** > **Store Only**.

or

To delete the photo and return to the active viewfinder, press the **Discard** key.

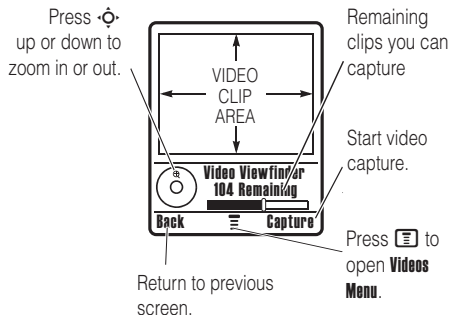When the viewfinder is active, press E to open the **Pictures Menu**:

option	
Go To Pictures	View stored pictures and photos.
Auto-Timed Capture	Set a timer for the camera to take a photo.
Pictures Setup	Open the setup menu to adjust photo settings.
View Free Space	See how much memory remains.

send a stored photo in a message

1 Press E > ✉ **Messages** > **Create Message** > **New Multimedia Msg**.

2 Press E > **Insert** > **Picture**.

3 Scroll to the picture you want to insert and press **Insert**.

4 Enter message text and press **Send To**.

5 Scroll to the recipient address, press the center key ◆, and press **Send To**.

record video

Press <img> > <img> **Multimedia** > **Video Camera** to see the video viewfinder.

Press ·Ò· up or down to zoom in or out.

VIDEO CLIP AREA

Remaining clips you can capture

Start video capture.

Video Viewfinder
104 Remaining

Back · ≡ · Capture

Press <img> to open **Videos Menu**.

Return to previous screen.

Note: You can zoom only before you start recording. The number of video clips remaining is an estimate.

If you want to send your video in an MMS message, the video length must be set to

MMS. To set length, from the video viewfinder press <img> > **Videos Setup** > **Video Length**.

Point the camera lens at the video subject, then:

1 Press the **Capture** key to start the video recording.

2 Press the **Stop** key to stop the video recording.

3 To send the video clip in a multimedia message, press **Store** > **Send in Message**, enter a text note, press **Send To**, scroll to and select a recipient address, press the center key ·●·, then press **Send**.

   or

   To store the video clip, press **Store** > **Store Only**.

   or

To delete the video clip and return to the active viewfinder, press the **Discard** key.

cable connections

Your phone has a mini-USB port so you can connect it to a computer to transfer data. You can:

- Synchronize phonebook and datebook information between your phone and a computer or hand-held device.

- Use your phone as a modem to connect to the Internet.

- Use your phone to send and receive data calls from your computer or handheld device.

Note: Motorola Original USB data cables and supporting software are sold separately. Check your computer or hand-held device to determine the type of cable you need.

To **transfer data** between your phone and computer, you must install the software included with the Motorola Original data kit. See the data kit user's guide for more information. To make **data and fax calls** through a connected computer, see page 56.
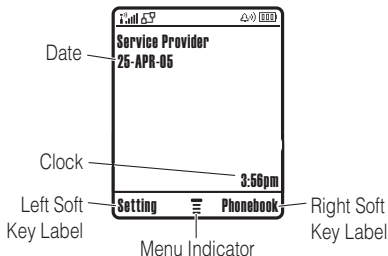
basics

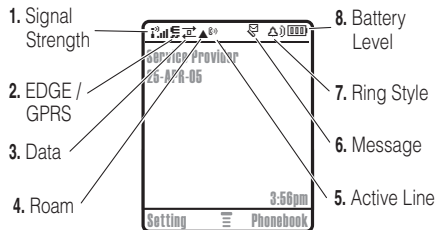See page 1 for a basic phone diagram.

display

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

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

Date —
Clock —
Left Soft Key Label —
Menu Indicator —
Right Soft Key Label

Service Provider
25-APR-05

3:56pm
Setting ☰ **Phonebook**

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

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

1. Signal Strength
2. EDGE / GPRS
3. Data
4. Roam
5. Active Line
6. Message
7. Ring Style
8. Battery Level

1 **Signal Strength Indicator –** Vertical bars show the strength of the network connection. You can't make or receive calls when $\mathbf{i}^{\mathfrak{D}}$ or $\mathbf{i}^{\mathfrak{D}}\mathbf{X}$ displays.

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

🖽 = GPRS PDP context active   🗲 = EDGE

🗗 = GPRS packet data available

3 **Data Indicator –** Indicators can include:

𝐵🖳 = secure packet data transfer   🖃 = unsecure packet data transfer

🖃 = secure application connection   🖃 = unsecure application connection

🖙 = secure *Circuit Switch Data* (CSD) call   🖙 = unsecure CSD call

4 Roam Indicator – Shows ▲ when your phone is seeking or using a network outside your home network.

5 Active Line Indicator – Shows 𝕔⁾ to indicate an active call, or 𝕔ⁿ to indicate when call forwarding is on. Indicators for dual-line-enabled SIM cards can include:

𝕔1 = line 1 active   𝕔1ⁿ = line 1 active, call forward on

𝕔2 = line 2 active   𝕔2ⁿ = line 2 active, call forward on

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

☒ = text message   ☒⁾ = voice message

7 Ring Style Indicator – Shows the ring style setting.

ᐃⁱ = loud ring   ⁞ᐃ⁞ = vibrate & ring
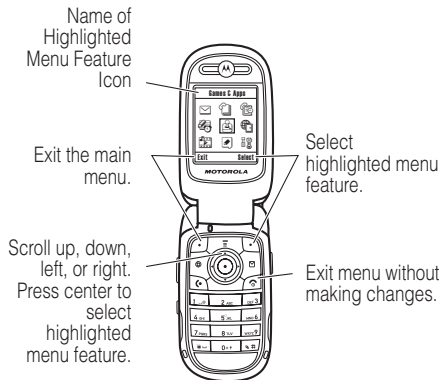
ᐃⁿ = soft ring   ⁞ ᐃ = vibrate then ring

⁞ᵦ⁞ = vibrate   ᐃᶻ = silent

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

basics **19**

menus

From the home screen, press 〔目〕 to enter the main menu.

Name of
Highlighted
Menu Feature
Icon

Exit the main
menu.

Select
highlighted menu
feature.

Scroll up, down,
left, or right.
Press center to
select
highlighted
menu feature.

Exit menu without
making changes.

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

menu features		
✉ Messages		🗂 Phonebook
📞 Recent Calls		🛠 Tools
🎮 Games & Apps		🌐 Web Access
🎬 Multimedia		🎙 Voice Records
⚙ Settings		

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

Highlighted
Option

Press ·Ǫ·
to scroll down
to other
options.

Dialed Calls
✓10) John Smith
✓9) Lisa Owens
✓8) Adda Thomas
7) Jack Bradshaw
✓6) Mary Smith
5) Carlos Emrys
✓4) Dave Thompson
✓3) Lisa Owens
Back   View

Press **Back** key
to go back to
previous
screen.

Press 〔目〕 to
open sub-menu

Press **View** key
to view details
of highlighted
option.
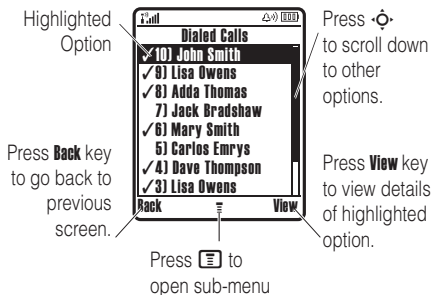
- Scroll up or down to highlight the option you want.

- 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.

For indicator descriptions, see following section.

Flashing cursor indicates insertion point.

Press [≡] to open sub-menu.

After you enter text, press the **Send To** key to enter recipients.

Press the **Cancel** key to exit without making changes.
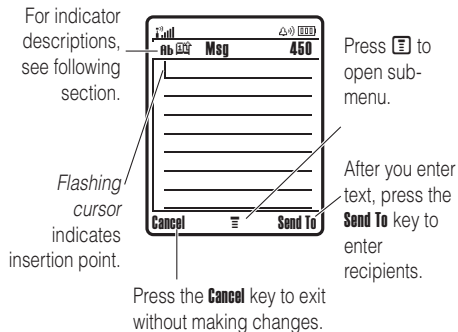
Press [#] in a text entry screen to select an entry mode:

entry mode	
🕮 or 1	Your **Primary** text entry mode can be set to any iTAP® 🕮 or tap 1 mode.
🕮 or 2	Your **Secondary** text entry mode can be set to any iTAP 🕮 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 all capital letters (**AB**), no capital letters (**ab**) or mixed capitals (**Ab**).

iTAP® mode

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

iTAP mode lets you enter words using 1 key press per letter. The iTAP software combines your keypresses into common words, and predicts each word as you enter it.

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

Press S up to accept **Program**.

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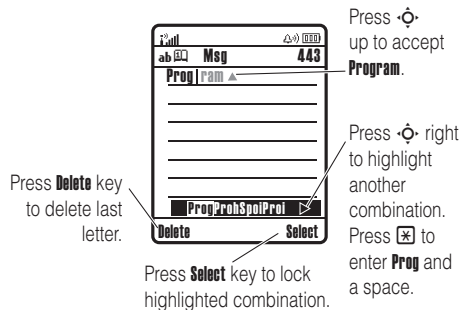
- If you want a different word (such as **Progress**), continue pressing keypad keys to enter the remaining letters.

- 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
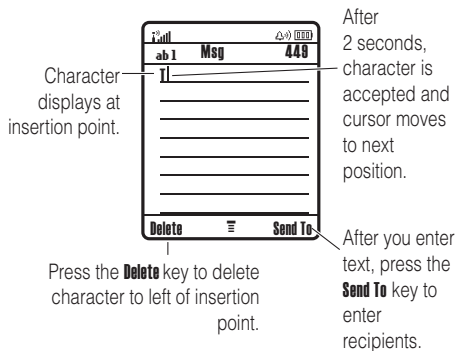
want. Enter a space to change back to iTAP mode.

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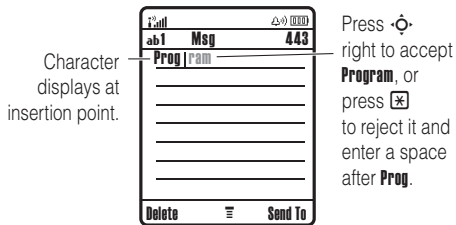
To enter text in tap mode, press a keypad key repeatedly to cycle through the letters and number on the key. Repeat this step to enter each letter.

For example, if you press 8 1 time, your phone displays:

Character displays at insertion point.

```
.ıll          △»[IIII]
ab1    Msg        449
    I|
_____
_____
_____
_____
_____

Delete     ≡     Send To
```

After 2 seconds, character is accepted and cursor moves to next position.

Press the **Delete** key to delete character to left of insertion point.

After you enter text, press the **Send To** key to enter recipients.

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** your phone might display:

Character displays at insertion point.

```
.ıll          △»[IIII]
ab1    Msg        443
    Prog|ram
_____
_____
_____
_____
_____

Delete     ≡     Send To
```

Press ·Ò· right to accept **Program**, or press * to reject it and enter a space after **Prog**.

• The first character of every sentence is capitalized. If necessary, press ·Ò· down to change the character to lowercase before the cursor moves to the next position.

• Press ·Ò· 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 go to **Msg Abort**

Options. Select **Abort Message** to exit without saving.

- *Tap extended* mode cycles through additional special characters and symbols as you repeatedly press a keypad key.

numeric mode

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

symbol mode

Press N 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

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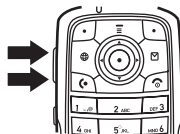
   Tip: Sometimes silence really is golden. That's why you can quickly set your ringer to **Vibrate** or **Silent** by holding the down volume key in the home screen.

navigation key

Press the *navigation key* S up, down, left, or right to scroll and highlight items in the display. When you highlight something, press the *center key* s 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, date, status indicators, and notifications for incoming calls and other events. For a list of phone status indicators, see page 18.

To set the phone ring style in the external display:
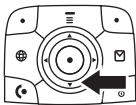
1 Press a volume key to display **Style:** *style name*.

2 Press the smart key repeatedly, until the style you want appears.

3 Press a volume key to return to the home screen.

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. Your phone displays **Spkrphone On**. Press the **Speaker** key again to turn off the handsfree speaker.

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

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 $\boxed{\cdot}$ > $\textcir{g}$ Settings > Security > New Passwords

You can also change your **SIM PIN2** or call barring passwords.

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

If you forget your unlock code: At the Enter Unlock Code prompt, try entering 1234 or the last 4 digits of your phone number. If that doesn't work, press $\boxed{\cdot}$ and enter your 6-digit security code instead.

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 $\boxed{\cdot}$ > $\textcir{g}$ Settings > Security > Phone Lock > Lock Now > *unlock code*.

To **automatically lock** your phone whenever you turn it off: Press $\boxed{\cdot}$ > $\textcir{g}$ Settings > Security > Phone Lock > Automatic Lock > On > *unlock code*.

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**.

battery meter

View a meter that shows your battery's charge level:

Find it: Press ⊡ > 🔧 Settings > Phone Status
> Battery Meter

customize

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**	⁅△⁆ **Vibe & Ring**
△⁾ **Soft**	⁅ △ **Vibe Then Ring**
⁅⁅⁆ **Vibrate**	△⁻ **Silent**

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

Find it: Press ▤ > ᵃ▒ 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 ▤ > ᵃ▒ 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 **Line 1** or **Line 2**, 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.

time & date

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

To set the time and date: Press $\boxed{\Xi}$ > $\mathring{\text{i}}\mathring{\text{g}}$ Settings > Initial Setup > Time and Date > *time* or *date*.

To choose an **analog or digital** clock for your home screen, press $\boxed{\Xi}$ > $\mathring{\text{i}}\mathring{\text{g}}$ Settings > Personalize > Home Screen > Clock.

wallpaper

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

Find it: Press $\boxed{\Xi}$ > $\mathring{\text{i}}\mathring{\text{g}}$ Settings > Personalize > Wallpaper

option	
Picture	Select an image for your wallpaper, 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. 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 $\boxed{=}$ > $\overset{\scriptscriptstyle\sharp\!\!\!\!\!}{\scriptscriptstyle{0}}\overset{\scriptscriptstyle\sharp\!\!\!\!\!}{\scriptscriptstyle{0}}$ **Settings** > **Personalize** > **Screen Saver**

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.

display appearance

To choose a **color style** that sets the look of your phone's display:

Press $\boxed{=}$ > $\overset{\scriptscriptstyle\sharp\!\!\!\!\!}{\scriptscriptstyle{0}}\overset{\scriptscriptstyle\sharp\!\!\!\!\!}{\scriptscriptstyle{0}}$ **Settings** > **Personalize** > **Color Style**.

To adjust the **contrast** of your phone's display:

Press $\boxed{=}$ > $\overset{\scriptscriptstyle\sharp\!\!\!\!\!}{\scriptscriptstyle{0}}\overset{\scriptscriptstyle\sharp\!\!\!\!\!}{\scriptscriptstyle{0}}$ **Settings** > **Initial Setup** > **Contrast**

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:

Press $\boxed{=}$ > $\overset{\scriptscriptstyle\sharp\!\!\!\!\!}{\scriptscriptstyle{0}}\overset{\scriptscriptstyle\sharp\!\!\!\!\!}{\scriptscriptstyle{0}}$ **Settings** > **Initial Setup** > **Backlight**.

Note: To turn the backlight on or off for Java™ applications, press $\boxed{=}$ > $\overset{\scriptscriptstyle\sharp\!\!\!\!\!}{\scriptscriptstyle{0}}\overset{\scriptscriptstyle\sharp\!\!\!\!\!}{\scriptscriptstyle{0}}$ **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 $\boxed{=}$ > $\overset{\scriptscriptstyle\sharp\!\!\!\!\!}{\scriptscriptstyle{0}}\overset{\scriptscriptstyle\sharp\!\!\!\!\!}{\scriptscriptstyle{0}}$ **Settings** > **Initial Setup** > **Display Timeout**.

answer options

You can use different ways to answer an incoming call. To turn on or turn off an answer option:

Find it: Press $\boxdot$ > $\boxed{\text{Settings}}$ > In-Call Setup
> Answer Options

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

calls

To make and answer calls, see page 12.

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 C from the home screen to see the dialed calls list.

Find it: Press ▤ > ⟡ 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 C.

- To see call details (like time and date), press the **View** key.

- To see the **Last Calls Menu**, press ▤. This menu can include:

option	
Store	Create a phonebook entry with the number in the **No.** field. **Store** does not appear if the number is already stored.
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.

option	
Send Tones	Send the number to the network as DTMF tones. **Note:** This option displays only during a call.
Talk then Fax	Talk and then send a fax ⓐ in the same call (see page 56).

redial

1 Press ⓒ from the home screen to see the dialed calls list.

2 Highlight the entry you want to call, then press ⓒ.

If you hear a **busy signal** and see ⓐ
Call Failed, Number Busy, press ⓒ or the **Retry** key to redial the number. When the call goes

through, your phone rings or vibrates once, displays **Redial Successful**, and connects the call.

automatic redial

When you receive a **busy signal**, your phone displays **Call Failed, Number Busy**. With automatic redial, your phone automatically redials the number for up to four minutes. When the call goes through, your phone rings or vibrates once, displays **Redial Successful**, and connects the call.

To turn automatic redial on and off, press [≡] > 📳 **Settings** > **Auto Redial** > **On** or **Off**.

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

Your phone saves the last set of digits entered on the keypad 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 E.

hold or mute a call

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

Press **Mute** key (if available) or E > **Mute** to put all active calls on mute.

call waiting

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

Press C to answer the new call.

• To switch between calls, press the **Switch** key.

• To connect the 2 calls, press the **Link** key.

• To end the call on hold, press E > **End Call On Hold**.

To turn the call waiting feature on or off:

Find it: Press E > 圀 **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 different ringer ID for an entry stored in your phonebook (see page 43).

To show or hide **your phone number** from the next person you call, enter the phone number and press $\boxed{=}$ > Hide ID.

emergency calls

Your service provider programs 1 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.

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

1 Press the keypad keys to dial the emergency number.

2 Press $\boxed{c}$ to call the emergency number.

international calls

If your phone service includes international dialing, press and hold $\boxed{0}$ 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 1 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:

Find it: Press $\boxed{=}$ > $\boxed{\text{Settings}}$ > Initial Setup > 1 Touch Dial > Phone, SIM, or Fixed Dial

To add a new phonebook entry, see page 42. To edit the **Speed No.** for a phonebook entry, press 🗐 > 🖾 **Phonebook**, highlight the entry, and press 🗐 > **Edit**.

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 🗐 > 🖾 **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.

other features

advanced calling

feature	
conference call	During a call: 🅰 Dial next number, press 🄲, press the **Link** key.
transfer a call	During a call: 🅰 🔲 > **Transfer**, dial transfer number, press 🄲
attach a phone number	Dial an area code or 🅰 prefix for a phonebook number, then: 🔲 > **Attach Number**

feature	
speed dial	Speed dial a 🅰 phonebook entry: Enter speed dial number, press 🔢, press 🄲. To add a phonebook entry, see page 42. **Tip:** If you forget Aunt Mildred's speed dial number, press 🔲 > 📖 **Phonebook**, highlight her entry, and press the **View** key.

other features—advanced calling   **39**

feature		
set up quick dial	Set up preprogrammed phone numbers: M > 🐸 Tools > Dialing Services > Quick Dial	📞
call forwarding	Set up or cancel call forwarding: M > 📳 Settings > Call Forward	📞
restrict calls	Restrict outgoing or incoming calls: M > 📳 Settings > Security > Call Barring	📞

feature		
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. M > 📳 Settings > Phone Status > Active Line The active line indicator shows the active phone line (see page 19).	📞

feature	
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:
	[≣] > ⚙ Settings > Security > Fixed Dial
	Use the fixed dial list:
	[≣] > 🛠 Tools > Dialing Services > Fixed Dial

feature	
DTMF tones	Activate DTMF tones:
	[≣] > ⚙ Settings > Initial Setup > DTMF
	To send DTMF tones during a call, just press number keys or highlight a number in the phonebook or recent calls lists and 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: 1 phone isn't enough for some people. When creating a phonebook entry, select **More** to store another number for the same **Name**.

feature	
dial number	Call a number stored in the phonebook:
	▤ > 🗐 Phonebook, highlight the phonebook entry, press 🔇
	Shortcut: In the phonebook, press a keypad key 1 or more times to jump to entries that begin with the key's letters.

feature	
record a voice name	When creating a phonebook entry, highlight 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.

Note: The Voice Name option isn't available for entries stored on the SIM card. |
| **voice dial number** | Voice dial a number stored in the phonebook:

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

feature	
set ringer ID for entry	Assign a ring alert (ringer ID) to an entry:

M > Ú Phonebook > *entry*

M > Edit > Ringer ID > *ringer name*

Note: The Ringer ID option isn't available for entries stored on the SIM card.

Activate ringer IDs:

M > w Settings > Ring Styles > *style* Detail > Ringer IDs |

feature	
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 primary or all numbers view	Display primary numbers or all numbers for entries when listed: M > 🕲 Phonebook M > Setup > View > All Contacts or Primary Contacts

feature	
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.
set category view	M > 🕲 Phonebook M > Categories > *category view* You can display All entries, entries in a predefined category (Business, Personal, General, VIPs), or entries in a category you create.
define new category	M > 🕲 Phonebook M > Categories M > New

feature	
set primary number or address	Set the primary number for an entry with multiple numbers: M > ᐧᎮ Phonebook > *entry* M > Set Primary > *number* or *address* **Note:** The Set Primary option is not available on entries stored on the SIM card. **Tip:** In Primary number view mode, you can still peek at other numbers stored for the same name. Highlight the name and press ·Ȯ· up and down to see the other numbers.

feature	
create group mailing list	M > ᐧᎮ Phonebook M > New > Mailing List
sort phonebook list	Set the order in which entries are listed: M > ᐧᎮ Phonebook M > 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.

feature	
change phonebook search	In the phonebook, press keypad keys to enter the first letters of an entry you want. If necessary, press the
	To change how this search works:
	$\boxed{\equiv} > \textcircled{\tiny{1}}$ Phonebook
	$\boxed{\equiv} >$ Setup $>$ Search Method $>$ Jump to or Find
	Jump To jumps directly to the entry, while Find enables you to begin the search by pressing the Search key.

feature	
copy phonebook entry	Copy an entry from the phone to the SIM card, or from the SIM card to the phone:
	$\boxed{\equiv} > \textcircled{\tiny{1}}$ Phonebook $>$ entry
	$\boxed{\equiv} >$ Copy $>$ Entries $>$ To
delete phonebook entry	$\boxed{\equiv} > \textcircled{\tiny{1}}$ Phonebook $>$ entry
	$\boxed{\equiv} >$ Delete
check phonebook memory	Display space available for phonebook entries in phone or SIM memory:
	$\boxed{\equiv} > \textcircled{\tiny{1}}$ Phonebook
	$\boxed{\equiv} >$ Phone Capacity or SIM Capacity

feature	
send message to phonebook entry	Send a phonebook entry a text, multimedia, or voice message: $\boxed{\Xi}$ > $\textcircled{\tiny{1}}$ Phonebook > *entry* $\boxed{\Xi}$ > Send Message
send phonebook entry over data connection	Send a phonebook entry to another phone, computer, or device: $\boxed{\Xi}$ > $\textcircled{\tiny{1}}$ Phonebook > *entry* $\boxed{\Xi}$ > Share Phonebook Entry

messages

feature	
send text message	$\boxed{\Xi}$ > $\boxdot$ Messages > Create Message > New Short Message ⓐ

feature	
send multimedia message	$\boxed{\Xi}$ > $\boxdot$ Messages > Create Message > New Multimedia Msg ⓐ
send voice message	$\boxed{\Xi}$ > $\boxdot$ Messages > Create Message > New Voice Msg ⓐ To record the voice message, press the Record key, speak, then press the Stop key. Your phone inserts the voice recording into a message and lets you enter email addresses or phone numbers to receive the message.

feature	
use a multimedia template	Open a multimedia template with preloaded media: ⊕(A⁺)
	Ⓔ > ✉ **Messages** > **Create Message** > **MMS Templates**
read new message	When your phone displays **New Message**, press the **Read** key to read the message you received. ⊕(A⁺)
read old messages	Ⓔ > ✉ **Messages** > **Message Inbox** ⊕(A⁺)
	Icons next to each message indicate if it is locked 🔒, has an attachment 📎, is urgent !, or is low priority $. Press Ⓔ to perform various operations on a message.

feature	
store message objects	Go to a multimedia message page, or highlight an object in a letter, then: ⊕(A⁺)
	Ⓔ > **Store**
store text messages on your SIM card	To store incoming text messages on your SIM card, press: ⊕(A⁺)
	Ⓔ > ✉ **Messages**
	Ⓔ > **Inbox Setup** > **Text Msg Setup** > **Store To** > **SIM**
browser messages	Read messages received by your micro-browser: ⊕(A⁺)
	Ⓔ > ✉ **Messages** > **Browser Msgs**

feature		
info services	Read subscription-based information services messages: [≣] > [✉] **Messages** > **Info Services**	(⁺ₐ)
quick notes	Send or create a prewritten message: [≣] > [✉] **Messages** > **Quick Notes**	(⁺ₐ)
cleanup messages	[≣] > [✉] **Messages** [≣] > **Cleanup Messages**	(⁺ₐ)

feature		
inbox setup	Specify settings for incoming and outgoing text and multimedia messages: [≣] > [✉] **Messages** [≣] > **Inbox Setup** **Tip:** WHERE CAN YOU STORE MESSAGES? [≣] > [✉] **Messages** [≣] > **Inbox Setup** > **Text Msg Setup** > **Store To:** > **Phone** or **SIM**	(⁺ₐ)
fax message setup	Set notification on or off for received fax message: [≣] > [✉] **Messages** [≣] > **Fax Msg Setup**	(⁺ₐ)

other features—messages **49**

feature	
voicemail setup	Enter voicemail number, set notification on or off for received voicemail message: 〔≣〕 > ⊠ **Messages** 〔≣〕 > **Voicemail Setup**
info services setup	Specify settings for subscription-based information services messages: 〔≣〕 > ⊠ **Messages** 〔≣〕 > **Info Srvc Setup**
outbox auto-cleanup	Set automatic removal of outbox messages: 〔≣〕 > ⊠ **Messages** 〔≣〕 > **Outbox Setup** > **Auto Cleanup**

feature	
check message memory	Display space available for stored messages: 〔≣〕 > ⊠ **Messages** 〔≣〕 > **Memory Meter**

personalizing

voice shortcuts

To **create** a voice shortcut to a menu item:

1   Press 〔≣〕, then scroll to the menu option to which you want to create a shortcut.

2   With the option highlighted, press and hold 〔≣〕.

    You see **Assign Shortcut for:** *name_of_option*.

3   Select **Yes**.

4 Select Name > change.

5 Select Voice > Record.

6 While pressing the voice button on the right side of the phone, say the name you want to use for the voice shortcut.

Release the button when you finish speaking.

7 Select Done.

Your phone stores the shortcut.

To **activate** a voice shortcut:

1 Press 固.

2 Press the number key of the desired shortcut.

or

Press the voice button, then speak the desired shortcut name.

other personalizing features

feature	
language	Set menu language: 固 > 🔧 Settings > Initial Setup > Language
greeting	Enter a greeting to display when you turn on your phone: 固 > 🔧 Settings > Personalize > Greeting
scroll	Set the highlight bar to Up/Down or Wrap Around in menu lists: 固 > 🔧 Settings > Initial Setup > Scroll

feature	
activate ringer IDs	Activate ringer IDs assigned to phonebook entries and categories: ⓔ > Ⓢ Settings > Ring Styles > Style Scroll to and select the ringstyle.
ring volume	ⓔ > Ⓢ Settings > Ring Styles > *style* Detail > Ring Volume
keypad volume	ⓔ > Ⓢ Settings > Ring Styles > *style* Detail > Key Volume
reminders	Set reminder alerts for messages that you receive: ⓔ > Ⓢ Settings > Ring Styles > *style* Detail > Reminders

feature	
home screen layout	ⓔ > Ⓢ Settings > Personalize > Home Screen > Layout > Centered or Left Justified
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/hide menu icons	Show or hide menu feature icons in the home screen: ⓔ > Ⓢ Settings > Personalize > Home Screen > Home Keys > Icons

feature	
change home keys	Change the features for the soft keys and navigation key in the home screen:
	M > ⚙ Settings > Personalize > Home Screen > Home Keys
shortcuts	Create a shortcut to a menu item:
	Highlight the menu item, press and hold M, then press the **Yes** key.
	Use a shortcut:
	Press M, then press the shortcut number.

feature	
master reset	Reset all options **except** unlock code, security code, and lifetime timer:
	M > ⚙ Settings > Initial Setup > Master Reset

feature	
master clear	Erase all downloaded files and clear all settings and entries you made **except** SIM card information, unlock code, security code, and lifetime timer: ॼ > ᥍ 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.

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: ॼ > 🕮 Recent Calls > Call Times	🅐

feature		
in-call timer	Display time or cost information during a call:	🕐
	$\boxed{\Xi}$ > ⚙ Settings > In-Call Setup > In-Call Timer	
call cost	Display call cost trackers:	🕐
	$\boxed{\Xi}$ > 🕮 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.

feature		
speaker-phone	Activate the speakerphone during a call:	
	Press the **Speaker** key.	
auto answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset:	🎧
	$\boxed{\Xi}$ > ⚙ Settings > Car Settings or Headset > Auto Answer	
voice dial (headset)	Enable voice dial with headset send/end key:	🎧
	$\boxed{\Xi}$ > ⚙ Settings > Headset > Voice Dial	
auto handsfree (car kit)	Automatically route calls to a car kit when connected:	🎧
	$\boxed{\Xi}$ > ⚙ Settings > Car Settings > Auto Handsfree	

data & fax calls

To connect your phone with a USB cable, see page 16.

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 🔲 > **Talk then Fax**, then press 🔘 to make the call. 📲

feature	
using sync	You can call an Internet server and synchronize your phonebook and datebook entries with the server. 📲
	To **set up** an Internet sync partner, press 🔲 > ⚙ Settings > Connection > Sync > [New Entry]. Enter the server details, including Server URL (you can omit http://) and Data Path (the folder below the URL where your data is stored).
	To **synchronize files** with a partner you set up, select the partner from the list in 🔲 > ⚙ Settings > Connection > Sync.

network

feature	
network settings	Display network information and adjust network settings: 〒 > 🛠 Settings > Network

personal organizer

feature	
set alarm	〒 > 🦑 Tools > Alarm Clock

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. **Note:** The Snooze key is available only if the phone is already powered on when the alarm sounds.
add new datebook event	〒 > 🦑 Tools > Datebook, highlight the day, press •◆•, press 〒 > New
view datebook event	Display or edit event details: 〒 > 🦑 Tools > Datebook, highlight the day, press •◆•, press the **View** key

feature	
event reminder	When an event reminder displays: To see reminder details, press the **View** key. To close the reminder, press the **Exit** key.
send datebook event to another device	Send a datebook event to another phone, computer, or device: [≡] > 🦯 **Tools** > **Datebook**, highlight the day, press ·◈·, highlight the event, press [≡] > **Send**

feature	
create voice record	Create a voice record (for example, to make a note to yourself): Press and hold the voice key, speak into the phone, release the voice key. **Note:** Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations. Always obey the laws and regulations on the use of this feature.

feature	
play voice record	Play back a voice record: ▣ > ◉ Voice Records > *voice record* **Note:** This feature may appear under the ⍓ Tools menu, depending on your carrier.
calculator	▣ > ⍓ Tools > Calculator
currency converter	▣ > ⍓ Tools > Calculator ▣ > Exchange Rate Enter exchange rate, press the OK key, enter amount, and press ▣ > Convert Currency.

security

feature	
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 feature	▣ > ⚙ Settings > Security > Lock Application

feature	
manage certificates	Enable or disable Internet access certificates stored on your phone: ⓐ
	M > 🔐 Settings > Security > Certificate Mgmt
	Certificates are used to verify the identity and security of Web sites when you download files or share information.

feature	
manage pictures	Manage photos, pictures, and animations: ⓐ
	M > 🖼 Multimedia > Pictures
manage video clips	M > 🖼 Multimedia > Videos
	Note: Your phone cannot receive phone calls over an EDGE network while it is playing videos.

fun & games

For basic information on the camera, see page 13.

feature	
manage sounds	Manage ring tones and music that you have downloaded or composed: M > 🎬 Multimedia > Sounds **Note:** Your phone cannot receive phone calls over an EDGE network while it is playing some sound files. Indicators appear at the top of your display when you can receive EDGE 🖥 calls.
create ring tones	Create ring tones that you can use with your phone: M > 🎬 Multimedia > Sounds > [New iMelody]

feature	
create playlist	Create a playlist of songs to play on your phone: M > 🎬 Multimedia > Sounds > [New Playlist]
select sound for ringtone	Select a sound from your Sounds list to use as a ringtone: M > 🎬 Multimedia > Sounds > *sound* M > Apply as Ringtone
start micro-browser	M > 🖳 Web Access > Browser 🖺

feature	
download objects from Web page	Download a picture, sound, or other object from a Web page: Go to the page that links to the file, highlight the file, press the **Select** key, and press the **Store** key. **Note:** Store is displayed only if the download is successful. **Note:** Normal airtime and/or carrier usage charges apply.
web sessions	Select or create a Web session: 🔳 > 🌐 Web Access > Web Sessions

feature	
download game or application	Download a Java™ game or application with the micro-browser: 🔳 > 🌐 Web Access > Browser, go to the page that links to the application, highlight the application, press the **Select** key, and press the **Download** key **Note:** Normal airtime and/or carrier usage charges apply.
start game or application	Start a Java™ game or application: 🔳 > 🎮 Games & Apps, highlight the game or application, press the **Select** key

feature	
set game or application effects	Set volume, turn on vibration effect for Java™ games or applications
	M > Settings > Java Settings > App Vibration or App Volume
delete all games and applications	M > Settings > Java Settings > Delete All Apps

service and repairs

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

The model V235 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 1.45 W/kg and when worn on the body, as described in this user guide, is 0.49 W/kg The SAR value for this product in its data transmission mode (body-worn use) is 0.67 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.

MOTOROLA

Important Safety and Legal Information

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Safety and General Information

This section contains important information on the safe and efficient operation of your mobile device. Read this information before using your mobile device.*

Exposure To Radio Frequency (RF) Energy

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

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* The information provided in this document supersedes the general safety information in user's guides published prior to September 1, 2005.

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

Operational Precautions

For optimal mobile device performance and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions.

External Antenna Care

If your mobile device has an external antenna, use only a Motorola-supplied or approved replacement antenna. Use of unauthorized antennas, modifications, or attachments could damage the mobile device and/or may result in your device not

complying with local regulatory requirements in your country.

DO NOT hold the external antenna when the mobile device is IN USE. Holding the external antenna affects call quality and may cause the mobile device to operate at a higher power level than needed.

Product Operation

When placing or receiving a phone call, hold your mobile device just like you would a landline phone.

If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, keep the mobile device and its antenna at least 2.5 centimeters (1 inch) from your body when transmitting.

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

Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our website at www.motorola.com.

RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your mobile device may cause interference with other devices.

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.

Follow Instructions to Avoid Interference Problems

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

In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers an airplane mode or similar feature, consult airline staff about using it in flight.

Pacemakers

If you have a pacemaker, consult your physician before using this device.

Persons with pacemakers should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from your pacemaker when the mobile device is turned ON.

- DO NOT carry the mobile device in the breast pocket.

- Use the ear opposite the pacemaker to minimize the potential for interference.

- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

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

Other Medical Devices

If you use any other personal medical device, consult your physician or the manufacturer of your device to determine if it is adequately shielded from RF energy.

Driving Precautions

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

When using your mobile device while driving, please:

- Give full attention to driving and to the road. Using a mobile device may be distracting. 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 practices can be found in the "Smart Practices While Driving" section at the end of this guide and/or at the Motorola website: www.motorola.com/callsmart.

Operational Warnings

Obey all posted signs when using mobile devices in public areas, such as health care facilities or blasting areas.

Automobile Air Bags

Do not place a mobile device in the air bag deployment area.

Potentially Explosive Atmospheres

Areas with potentially explosive atmospheres are often but not always posted, and can include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries. In such areas, sparks can occur and cause an explosion or fire.

Damaged Products

If your mobile device 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. Do not attempt to dry it with an external heat source, such as a microwave oven.

Batteries and Chargers

If jewelry, keys, beaded chains, or other conductive materials touch exposed battery terminals, this could complete an electrical circuit (short circuit), become very hot, and could cause damage or injury. Be careful 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 mobile device may contain symbols, defined as follows:

Symbol	Definition
⚠	Important safety information follows.
⊛	Do not dispose of your battery or mobile device in a fire.
♻	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
🗑	Do not throw your battery or mobile device in the trash.
⊖ Li Ion BATT ⊕	Your mobile device contains an internal lithium ion battery.

Choking Hazards

Your mobile device or its accessories may include detachable parts, which may present a choking

hazard to small children. Keep your mobile device and its accessories away from small children.

Glass Parts

Some parts of your mobile device may be made of glass. This glass could break if the product is dropped on a hard surface or receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service center.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing video games. These may occur even if a person has 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 physician before playing video

games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are very tired.

Repetitive Motion

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. If you continue to have discomfort during or after such use, stop use and see a physician.

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.

Hearing Aid Compatibility with Mobile Phones

Some Motorola phones are measured for compatibility with hearing aids. If the box for your particular model has "Rated for Hearing Aids" printed on it, the following explanation applies.

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

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`

Smart Practices While Driving

Check the laws and regulations on the use of mobile devices 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 mobile device 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 mobile device while driving, remember the following tips:

- **Get to know your Motorola mobile device 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 mobile device with one of the many Motorola Original™ handsfree accessories available today.

- **Position your mobile device within easy reach.** Be able to access your mobile device 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 mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies.*

- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.*

- **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.*

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* Wherever wireless phone service is available.

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U.S. patent Re. 34,976