



User's Guide



MOTO™ ZN4

V CAST PHONE

HELLOMOTO

Introducing your new MOTO™ ZN4 CDMA wireless phone!

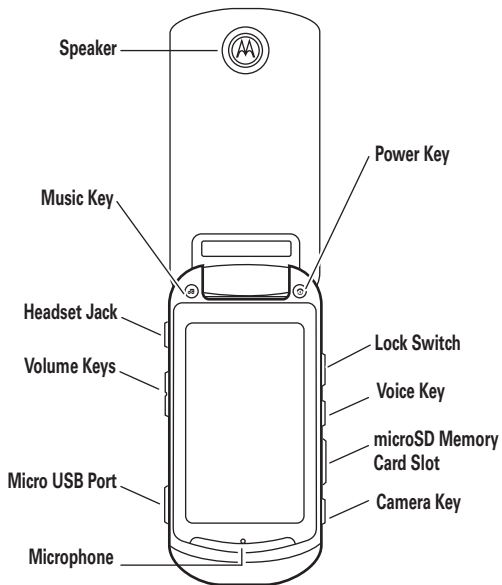
Connect on So Many Levels – Whether it's with work or friends, connect in all kinds of ways – voice, messaging, downloads, or swapping an optional memory card – you'll be on top of all the latest news and views to share!

Rich Multimedia Experience – Use the robust music player to listen to your tunes. Slip a microSD card into the removable memory slot to save many more songs!

A handy digital camera lets you take great quality pictures. Save images on your phone or on the memory card. Or...make a mini-movie with your phone's camcorder.

Handsfree Convenience – Use your phone with Bluetooth® wireless headsets to answer and make calls or listen to music.

Here's a quick anatomy lesson.



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

www.hellomoto.com

Note: Do not ship your phone to the above address. If you need to return your phone for repairs, replacement, or warranty service, please contact the Motorola Customer Support Center at:

1-800-331-6456 (United States)

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

1-800-461-4575 (Canada)

Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. All features, functionality, and other product specifications, as well as the information contained in this user's guide are based upon the latest available information and are believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

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Manual Number: TBD-A

Bluetooth ID: TBD

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menu map

main menu

A number next to a menu icon tells how many you have of each category, for example, messages or missed calls.



Contacts



Messages



Recent Calls



Videos



Browser



Email



Voicemail



Photos



Calendar



Alarm Clock



Settings

- Sound Settings
- Display Settings
- Connection Settings
- General Settings
- Browser Settings
- Call Settings
- Contact Settings
- Messaging Settings
- Calendar Settings
- Multimedia Settings



World Clock



Notepad



Music



Voice Recognition



Camera



Calculator

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. If it does get wet, don't try to accelerate drying with the use of an oven or dryer, as this may damage the phone.



dust and dirt

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



extreme heat or cold

Avoid temperatures below 0°C/32°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.

get started

CAUTION: Before using the phone for the first time, read the *Important Safety and Legal Information* guide included in the box.

about this guide

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.

battery

battery use & safety

IMPORTANT: HANDLE AND STORE BATTERIES PROPERLY TO AVOID INJURY OR DAMAGE. Most battery issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

DON'Ts

- **Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.**
- **Don't let the phone or battery come in contact with water.** Water can get into the phone's circuits, leading to corrosion. If the

phone and/or battery get wet, have them checked by your carrier or contact Motorola even if they appear to be working properly.

- **Don't allow the battery to touch metal objects.** If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your battery near a heat source.** Excessive heat can damage the phone or the battery. High temperatures can cause the battery to swell, leak, or malfunction. Therefore:
 - Do **not** dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwave oven.
 - Avoid leaving your phone in your car in high temperatures.

DOs

- **Do avoid dropping the battery or phone.** Dropping these items, especially on a hard surface, can potentially cause damage.
- **Do contact your service provider or Motorola if your phone or battery has been damaged from dropping or high temperatures.**

IMPORTANT: USE MOTOROLA ORIGINAL PRODUCTS FOR QUALITY ASSURANCE AND SAFEGUARDS.

To aid consumers in identifying authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. Consumers should confirm that any battery they purchase has a "Motorola Original" hologram.

Motorola recommends you always use Motorola-branded batteries and chargers. Motorola mobile devices are designed to work with Motorola

batteries. If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:

- Remove the battery and inspect it to confirm that it has a “Motorola Original” hologram;
- If there is no hologram, the battery is not a Motorola battery;
- If there is a hologram, replace the battery and retry charging it;
- If the message remains, contact a Motorola Authorized Service Center.

Important: Motorola’s warranty does not cover damage to the phone caused by non-Motorola batteries and/or chargers.

Warning: Use of a non-Motorola battery or charger may present a risk of fire, explosion, leakage, or other hazard.

PROPER AND SAFE BATTERY DISPOSAL AND RECYCLING

Proper battery disposal is not only important for safety, it benefits the environment. Consumers may recycle their used batteries in many retail or service provider locations. Additional information on proper disposal and recycling may be found on the Web:

- www.motorola.com/recycling
- www.rbrc.org/call2recycle/ (in English only)

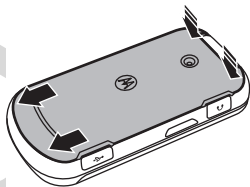
Disposal: Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center or national recycling organizations for more information on how to dispose of batteries.



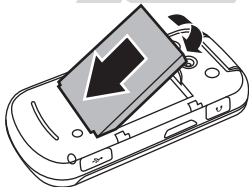
Warning: Never dispose of batteries in a fire because they may explode.

install the battery

- 1 Remove the battery door.



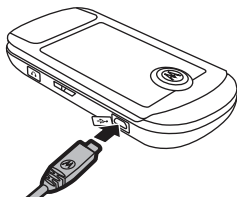
- 2 Insert the battery by aligning the metal contacts and then gently pressing it into place.




- 3 Replace the battery door.

charge the battery

New batteries are not fully charged. Plug the battery charger into your phone and an electrical outlet. Your phone may take several seconds to



start charging the battery. When the battery is fully charged, your phone displays .

You can also charge your battery by connecting a cable from your phone's 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.

conserve battery charge

Using certain features can quickly deplete your battery's charge. **These features can include**

downloading music, using the camera, replaying video clips, and using Bluetooth® wireless connections.

To conserve your battery's charge, turn Bluetooth power off when not in use (see page 92).

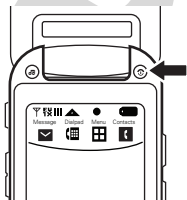
turn it on & off

To turn on your phone, press and hold the Power key (⏻) until the display turns on.

The phone may take several seconds to turn on.

If prompted, enter your four-digit unlock code to unlock the phone.

To turn off your phone, press and hold the Power key (⏻).



make a call

Enter a phone number and tap **Call**.

answer a call

When your phone rings and/or vibrates, open the phone or tap **Answer**.

end a call

To “hang up,” tap **End Call**.

You can also end a call by closing the flip if you are not connected to a headset or a handsfree car kit and are not using the speakerphone. Closing the flip does not end these activities:

- a data connection using a USB cable to connect the phone to a computer

- wallpapers, screen savers, banners, and other similar applications
- active BREW® download sessions, such as downloading music or ringtones

see your phone number

From the main screen, tap **Settings** and then tap **Phone**. Your phone number is at the top of the screen.

store a phone number

- 1 Enter the phone number and tap **Save**.
- 2 Tap either **New Contact** or **Edit** to add a number to an existing contact.

call a stored phone number

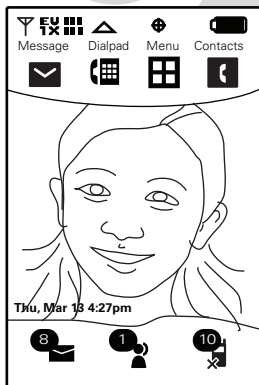
- 1 Tap **Contacts**.
- 2 Tap the icon next to the name to call the contact.

basics

See page 2 for a basic phone diagram.

main screen

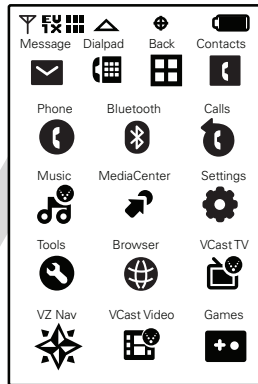
The *main screen* appears when you turn on the phone.






To dial a number, enter the number and tap **Call**.






Note: When the flip is closed, the main screen shows different feature shortcuts.







Tap **Menu** to open the main menu:









Your phone shows system status indicators across the top of the display:

| alert/indicator |
|--|
|  Signal Strength Indicates when the phone is in an EVDO coverage area (necessary for V CAST services). 1X indicates when the phone is in a 1x-RTT coverage area. The number of bars show the strength of each signal. |
|  Roaming Indicates when the phone is roaming off your home network. |
|  SSL Indicates that application verification is via SSL during a download session. |

| alert/indicator |
|--|
|  Data Call, Tethered, or Embedded WAP/BREW Application Shows during data calls, tethered mode, or WAP/BREW application. |
|  Dormant Indicates that the phone is dormant and the Internet connection is active. |
|  No Service Indicates that the phone is in area with no service coverage. |
|  TTY Indicates that the phone is in TTY mode. |
|  Voice Call Shows during an active voice call. |

| alert/indicator |
|---|
|  E911 Indicates that E911 is On . |
|  Location On Indicates that Location is set to On . |
|  Battery Level Shows battery strength. The more bars, the greater the charge. |
|  All Sounds Off Indicates that Master Volume is set to Off . |
|  Alarm Only Indicates that Master Volume is set to Alarm Only . |
|  Vibrate On Indicates that Master Volume is set to Vibrate On . |

| alert/indicator |
|---|
|  Speakerphone Indicates speakerphone is on. |
|  Missed Call Indicates that a call was missed. |
|  Message Shows when you receive a new message. |
|  Calendar Event Shows that you have calendar appointments. |
|  New Voicemail Shows when a voicemail message is received. |
|  Alarm On Shows when an alarm has been set. |

alert/indicator

Bluetooth Power On

Indicates that Bluetooth power is on. (To conserve battery charge, turn off Bluetooth power when not in use. See page 92.)

Bluetooth Connection Active

Indicates that your phone is paired with another Bluetooth device.

adjust volume

Press the Volume keys to:

- turn off an incoming call alert
- change the earpiece or Bluetooth device volume during calls with the flip open
- change the ringer volume from the main screen (with the flip open)

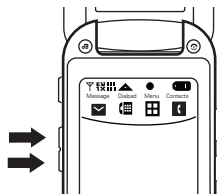
Tip: Sometimes silence is golden. That's why you can quickly set your ringer to **All Sounds Off** by pressing down on the Volume keys while in the main screen. With the flip closed, you can change to **Vibrate Only** by pressing and holding the Vibrate touch sensitive button.

change sound settings

Press down on the Volume keys to lower the volume. The volume screen appears when you switch settings.

Switch to **Vibrate Only**, then **Alarm Only**, and, finally, **All**

Sounds Off. Press up on the Volume keys to go up from silent to vibrate and then up to the volume settings.



handsfree

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, 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.

handsfree speaker


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

The handsfree speaker stays on until you press and hold the Smart/Speakerphone key again with the flip open or turn off the phone.

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

flip open

To activate the speakerphone during a call, press and hold the Smart/Speakerphone key.

You will hear an audio alert and see the speakerphone indicator . You also briefly see **SPEAKER PHONE ON** on the screen.

To end the call, tap **End Call**. You will hear an audio alert that tells you the call ended. The speakerphone is still on for your next call or key press.

Note: Closing the phone while using the speakerphone does not end the call.

To turn off the speakerphone, press and hold the Smart/Speakerphone key.

Note: You can turn off the speakerphone during a call. Turning off the speakerphone does not end the call.

flip closed

- 1 Open your phone.

- 2 Press and hold the Smart/Speakerphone key to turn on the speakerphone.
- 3 Enter the number you want to call and tap **Call**.
- 4 When the call connects, close the phone and continue your conversation using the speakerphone.
- 5 To end the call, press and hold the Smart/Speakerphone key. You will hear a soft audio alert.

accessory volume settings (car kit or headset)

To adjust volume of Bluetooth wireless headsets or car kit accessories, press up or down on your phone's Volume keys during an active call.



standalone mode

Note: Consult airline staff about the use of **Standalone Mode** in flight. Turn off your phone whenever instructed to do so by airline staff.

Use *standalone mode* to turn off your phone's calling features in locations where wireless phone use is prohibited. **You cannot make or receive calls or use Bluetooth in standalone mode**, but you can use your phone's other non-calling features.

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Phone**.
- 4 Tap **Standalone Mode**.
- 5 Tap **On**.

Your phone indicates that **Standalone Mode** is set to **On** by displaying indicators and a message on the main screen.

change lock code

Your phone's four-digit **lock code** is originally set to the last four digits of your phone number. If your service provider didn't change this code, you should change it.

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Phone**.
- 4 Tap **Security**.
- 5 When prompted, enter the lock code.
- 6 Tap **Edit Codes**.
- 7 Tap **Phone Only** or **Calls & Services**.
- 8 Enter the new four-digit lock code in the **Enter New Code** entry area.
- 9 Tap **OK**.

lock & unlock phone

You can lock your phone to keep others from using it. To lock or unlock your phone, you need the four-digit lock code (which is originally set to the last four digits of your phone number).

Note: You can make emergency calls on a locked phone (see page 39). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer**.

To manually lock your phone:

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Phone**.
- 4 Tap **Security**.
- 5 Enter the lock code.
- 6 Tap **Lock Phone Now**.

To automatically lock your phone whenever you turn it off:

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Phone**.
- 4 Tap **Security**.
- 5 Enter the lock code.
- 6 Tap **Phone Lock**.
- 7 Tap **On Power Up**.

To unlock the phone, enter the four-digit lock code in the **Enter Lock Code** entry area.

manage memory

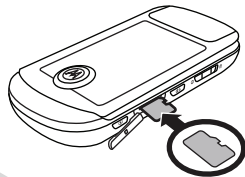


You can store multimedia content, such as songs and photos, on your phone's internal memory or on a removable microSD memory card.

Note: If you download a copyrighted file to your phone and store it on your memory card, you can use the file only when your memory card is inserted in your phone. You cannot send, copy, or change copyrighted files.

install memory card

- 1 Open the memory card slot cover on the side of your phone and slide the memory card in.
- 2 Replace the slot cover.



To remove the memory card, turn off the phone, remove the battery door, remove the battery, and carefully slide the memory card out.

set memory for multimedia content

You can set whether multimedia content that you download or create with your phone's camera is stored in phone memory or on the memory card.

Note: If you have not properly inserted a memory card in your phone, you will not see **Memory Card** or **Save Options**.

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Memory**.
- 4 Tap **Save Options**.
- 5 Tap **Pictures, Videos, or Sounds**.
- 6 Tap **Phone Memory** or **Card Memory**.

view memory information

- 1 Tap **Menu** to open the menu.

- 2 Tap **Settings**.
- 3 Tap **Memory**.
- 4 Tap **Phone Memory** or **Card Memory**.

Note: If you have not properly inserted a memory card in your phone, you will not see **Memory Card**.

- 5 Tap **Phone Memory Usage** or **Card Memory Usage**; **My Pictures, My Videos, My Music, or My Sounds**.

move files from phone to memory card

You can move files (such as pictures, video clips, sounds, and music files) to your memory card to free up phone memory.


Caution: Moving a file to the memory card deletes it from the phone.

Note: Ringtones and certain image files cannot be moved from the phone to the memory card.

To move photos, video, or sound clips:

- 1 From the main screen, tap **MediaCenter**.
- 2 Tap (**My Pictures**, **My Videos**, or **My Sounds**).

A memory card icon in the picture thumbnail or next to a video file indicates that the file is stored on the memory card.

An  in the picture thumbnail indicates that the picture came preloaded on your phone and cannot be moved to the memory card.

If the picture or video is not marked with a memory card icon, it is stored on the phone.

- 3 Tap the file you want to move.
- 4 Tap **Send** and then tap **Memory Card**.

TTY operation

You can use an optional teletypewriter (TTY) device with your phone to send and receive calls. You must


plug the TTY device into the phone's headset connector and set the phone to operate in one of three TTY modes.

Notes:

- A TTY is a communication device used by people who are hard of hearing or have a speech impairment. TTY does not work from mobile phone to mobile phone.
- Use a TSB-121 compliant cable (provided by the TTY manufacturer) to connect the TTY device to your phone.
- Set the phone to Medium volume level for proper operation. If you experience a high number of incorrect characters, adjust the volume as needed to minimize the error rate.
- For optimal performance, your phone should be at least 12 inches (30 centimeters) from the

TTY device. Placing the phone too close to the TTY device may cause high error rates.

set TTY mode

 When you set your phone to a TTY mode, it operates in that mode whenever a TTY device is connected.

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Call**.
- 4 Tap **TTY Mode**.

TTY Mode can include these options:

| option | |
|-----------------|--------------------------------------|
| TTY Full | Transmit and receive TTY characters. |

| option | |
|-------------------------|--|
| TTY + Talk (VCO) | Receive TTY characters but transmit by speaking into microphone. |
| TTY + Hear (HCO) | Transmit TTY characters but receive by listening to earpiece. |
| TTY Off | All TTY modes are turned off. |

- 5 Tap a mode to select it.

In a TTY mode, your phone displays the international TTY symbol and mode setting during a TTY call.

return to voice mode

To return to standard voice mode, select **TTY OFF** from the **TTY MODE** menu.

voice privacy

Encrypt outgoing voice calls and use secure channels when available:

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Call**.
- 4 Tap **Voice Privacy**.
- 5 Toggle it to **On**.

personalize

sounds

You can set how your phone alerts you to incoming calls or other events.

master volume

- 1 Open your phone.
- 2 Press up or down on the Volume keys for the desired setting:

High, Med High, Med, Med Low, Low—Your phone rings for incoming calls and other events, depending on the detail settings.

Vibrate Only—The phone vibrates to indicate an incoming call.

Alarm Only—Your phone plays an audible alarm to alert you to events. You are not able to change detail settings for events.

All Sounds Off—The phone does not alert you to incoming calls or other events.

sounds for calls, events, & alerts

Note: **Master Volume** must be set to **High, Med High, Med, Med Low, or Low**.

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Scroll down and tap **Sounds**.
- 4 Tap **My Ringtones**.

- 5 Tap a desired ringtone and tap **Set As**.

Note: Tap **Play** to preview the ringtone.

- 6 Tap **Ringtone**, **Contact ID**, **Message Alert**, or **Voicemail Alert**.

get ringtones

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Scroll down and tap **Sounds**.
- 4 Tap **My Ringtones**.
- 5 Tap **Get New Ringtone**.
- 6 On the **GET NEW RINGTONES** screen, tap **Get New App**.

Your phone connects to the ringtone collections site. Follow the prompts on the screen to browse ringtone lists and to select and download a ringtone.

Note: Normal airtime and/or carrier usage charges may apply.

talking phone

You can set your phone to **speak aloud** when you press keys, receive a call with caller ID available, or scroll through recent calls or contacts:

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Scroll down and tap **Sounds**.
- 4 Tap **Voice Readout**.
- 5 Toggle **Keypad Digits**, **Contact List Entries**, **Main Menu Entries**, **Recent Call Entries**, or **Caller ID Alert to On**.

or

Tap **Caller ID Alert** and tap **Ring Only**, **Caller ID Then Ring**, or **Caller ID Repeat**.

voice recognition

Your phone's voice recognition feature lets you make calls and complete other actions by speaking commands to your phone.

voice recognition tips

- When speaking the name of a **Contacts** entry, say the name exactly as it is listed. For example, to call the mobile number for an entry named Bill Smith, say "Call Bill Smith mobile." (If the entry includes only one number for Bill Smith, say "Call Bill Smith.")
- Speak numbers at a normal speed and volume, and pronounce each digit distinctly. Avoid pausing between digits.
- You can set your phone to play voice command instructions through the speakerphone by pressing the Voice Command key, which opens the **VOICE COMMANDS**

menu. If you use the **Call** command to place a call, audio plays through the phone's earpiece when the call connects. You can turn this feature off (see page 33).

voice commands

- 1 With the phone flip closed, press and hold the Voice Command key on the right side of the phone.

Note: With the phone open, press and release the Voice Command key. Pressing and holding the key activates voice recording.

Your phone says **Please say a command** and displays a list of voice commands.

- 2 Say one of the commands listed in the following table. Your phone performs the corresponding action.

| feature |
|--|
| Call <Name or #> Place a call to: <ul style="list-style-type: none">• a Contacts entry whose name you speak or <ul style="list-style-type: none">• a phone number you speak <p>For example, when prompted to say a command, say “Call Bill Smith mobile” or “Call 8475551212.”</p> |

| feature |
|--|
| Send <MSG Type> Send a text or picture message. Say “Send text” or “Send picture,” then: <ul style="list-style-type: none">• the name of a Contacts entry or <ul style="list-style-type: none">• a phone number <p>For instructions on sending a text or multimedia message, see page 50.</p> |

feature

Go To <Shortcut>

Access the menu or perform the action you specify:

Contacts—Browse your contacts.

Recent Calls—the recent calls list.

Messaging—Access messages.

Media Center—the Media Center menu.

Settings & Tools—settings and tools.

News & Info or **Mobile Web**

V CAST Video—V CAST videos.

My Music—your **My Music**.

Redial or Call the last number you called.

Note: If you don't have any content (music, recent calls, and so on), the phone returns to the home screen.

feature

Check <Item>

View the item on the screen that you say aloud:

Status—coverage, signal strength, and battery charge

Voicemail—new voicemail messages

Messages—newly received text or multimedia messages

Missed Calls—unanswered incoming calls

Time—time and date

Signal Strength—network connection strength

Battery—battery charge

Volume—ringer volume

| |
|--|
| feature |
| <p>Contact <Name></p> <p>Look up a Contacts entry by saying the contact's name.</p> |
| <p>Play <Playlist></p> <p>Play a playlist with the music player by saying the name of one of your playlists.</p> <p>Note: If you don't have any music, the phone returns to the home screen.</p> |
| <p>My Account</p> <p>Launch Mobile Web and view your account options.</p> |
| <p>Help</p> <p>Access help information for the voice recognition feature.</p> |

voice recognition settings

To modify voice recognition settings:

- 1 With the phone open, press and release the Voice Command key on the right side of the phone.

Note: With the phone closed, press and hold the Voice Command key.
- 2 Tap **Settings**.
- 3 Tap the desired option.

| |
|--|
| voice recognition settings |
| <p>Digit Dial Readout</p> <p>Set your phone to say numbers aloud as you press them on the keypad.</p> |

voice recognition settings

Confirmation

If your phone is not sure that it has correctly identified a name or number that you speak, it can display up to three choices and prompt you to confirm the correct one.

You can control when choice lists appear:

Automatic—Display a list of choices from multiple alternatives.

Always Confirm—Always display a list of choices when there are multiple alternatives.

Never Confirm—Never display a choice list. The phone chooses from the best alternatives.

voice recognition settings

Sensitivity

You can fine tune your phone's ability to recognize voice commands. Select **Most Sensitive**, **Recommended**, or **Least Sensitive**.

If sensitivity is too strict, your phone often rejects voice commands and displays "Please repeat ..." or "No match found." Select **Most Sensitive**.

If sensitivity is too forgiving, you experience false activations (indicating that the phone detects a wrong match). Select **Least Sensitive**.

Adaptation

Follow the prompts on your screen to improve recognition of spoken words. Adaptation takes about sixty seconds and requires you to be in a quiet place (no background noise).

| voice recognition settings |
|---|
| <p>Prompts</p> <p>Mode—Set whether your phone says Prompts, Readout (to read every word on the screen), or Tones Only.</p> <p>Audio Playback—Set how you want to hear prompts: Automatic detection, Speakerphone, or through your Earpiece.</p> |
| <p>Call Alert</p> <p>For an incoming call, set whether you hear a Ring Only, Caller ID + Ring, or Name Repeat (repeat the name until you answer or the call goes to voicemail).</p> |

To access in-device help for a setting you speak, tap **Info**.

answer options

You can use different ways to answer an incoming call.

- 1 Tap **Menu** to open the menu.

- 2 Tap **Settings**.
- 3 Tap **Call**.
- 4 Tap **Answer Options**.

| options | |
|--------------------------|--|
| Flip Open | Answer by opening the phone. |
| Any Key | Answer by pressing any key except the Power key (⏻). |
| Auto w/ Handsfree | Automatically answer an incoming call (works with headset, Bluetooth® connections, and when the phone is operating in handsfree mode). |

wallpaper

Set a photo, picture, or animation as a wallpaper (background) image on your main screen **and** your phone's external display.

Note: To use a picture as wallpaper, it must be in your phone's memory and not on a memory card.

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Display**.
- 4 Tap **Wallpaper**.
- 5 Scroll to a picture in **MY PICTURES** and tap it.

backlight

Your phone's keypad backlight turns on every time you open the flip. Adjust how long the main screen and keypad backlight stays on to extend battery life:

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Display**.
- 4 Tap **Backlight**.

34 personalize

- 5 Select the desired duration or mode.

brightness


Set the brightness of your main screen:


- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Display**.
- 4 At **Brightness**, scroll the bar left or right to decrease or increase the brightness.

AGPS & your location



Your phone can use the *automatic location information* (ALI) feature, along with *Assisted Global Positioning System* (AGPS) satellite signals, to tell the network where you are physically located.

When ALI is set to **Location On**, your phone displays the  (ALI on) indicator. Services may use your known location to provide useful information (for example, driving directions, or the location of the nearest bank). Your phone prompts you when the network or a service asks for your location. You can refuse at this point.

When ALI is set to **E911 Only**, your phone displays the  (ALI off) indicator, and the phone does not send location information unless you call an emergency phone number (such as 911).

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Phone**.
- 4 Tap **Phone Settings**.
- 5 Tap **Location**.
- 6 Tap **Location On** or **E911 Only**.

AGPS limitations & tips

Your phone uses *Assisted Global Positioning System* (AGPS) satellite signals to estimate your location. If your phone cannot find strong satellite signals, your AGPS might be slower, less accurate, or it might not work at all. AGPS provides only an approximate location, often within 150 feet (45 meters) but sometimes much farther from your actual location.

To improve AGPS accuracy:

- Go outside and away from underground locations, covered vehicles, structures with metal or concrete roofs, tall buildings, and foliage. Indoor performance might improve if you move closer to a window, but some window sun-shielding films can block satellite signals.
- Move away from radios, entertainment equipment, and other electronic devices that

might interfere with or block AGPS satellite signals.

AGPS uses satellites controlled by the U.S. government and is subject to changes implemented in accordance with the Department of Defense AGPS user policy and the Federal Radio Navigation Plan. These changes might affect AGPS performance.

more personalizing

keypad volume

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Sounds**.
- 4 Tap **Keypad Volume**.

- 5 Scroll left or right to adjust the volume.

Note: **Master Volume** must be set to **High**, **Med High**, **Med**, **Med Low**, or **Low**.

power on/off sounds

Set whether your phone plays a tone when you turn the power on or off.

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Sounds**.
- 4 Tap **Power On/Off Sound**.
- 5 Tap **Power On** or **Power Off**.
- 6 Toggle **Power On** or **Power Off** to **On** or **Off**.

Note: **Master Volume** must be set to **High**, **Med High**, **Med**, **Med Low**, or **Low**.

languages

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Phone**.
- 4 Tap **Language**.
- 5 Tap **English** or **Español**.

clock format

Set how your phone shows the current time on the main screen (see page 14):

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Display**.
- 4 Tap **Clock Format**.
- 5 Select **Digital 12** for a 12-hour clock, **Digital 24** for a 24-hour clock, **Analog** for a dial clock, or **Off** for no

clock. (You can select larger font settings for the main clock.)

banner



Create a heading to display on your phone's main screen:

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Display**.
- 4 Tap **Banner**.
- 5 Tap **Personal Banner** or **ERI Banner** (to indicate whether you are on a home or partner network).
- 6 For a personal banner, enter text and tap **Done**.

calls

To make and answer calls, see page 12.

redial a number

- 1 Tap **Menu** to open the menu.
- 2 Tap **Phone**.
- 3 Tap **Calls**.
- 4 Scroll to the entry you want to call.
- 5 Tap **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 four minutes. When the call goes through, your phone rings or vibrates once, displays **Redial Successful**, and connects the call.

You must turn on automatic redial to use the feature:

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Call**.
- 4 Toggle **Auto Retry** to **On**.

When automatic redial is turned off, you can manually activate it to redial a number. When you hear a fast busy signal and see **Call Failed**, press the Send key () or **RETRY** to automatically redial.

recent calls

Your phone keeps lists of the last calls you received and dialed, even if the calls didn't connect. The most recent calls are listed first. The oldest calls are deleted as new calls are added.

- 1 Tap **Menu** to open the menu.
- 2 Tap **Phone**.
- 3 Tap **Calls**.

Tap the green arrow by an entry for these options:

| options |
|------------------|
| Send Message |
| Save to Contacts |
| Lock |
| Remove |

return missed calls

Your phone keeps a record of your missed calls, and displays **[Number] Missed Calls**.

- 1 When you see the missed call alert, tap **View Now**.
or
Tap **View Later**.
- 2 Scroll to the call you want to return.
- 3 Tap **Call**.

emergency calls

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

- 1 Enter the emergency number.
- 2 Tap **Call**.

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.

AGPS during an emergency call



When you make an emergency call, your phone can use *Assisted Global Positioning System* (AGPS) satellite signals to tell the emergency response center your approximate location.

The AGPS feature has limitations, so always tell the emergency response center your best knowledge of your location. Remain on the phone for as long as the emergency response center instructs you.

AGPS **might not work** for emergency calls:


- Your phone's AGPS feature must be turned on (see page 34).
- Your local emergency response center might not process AGPS location information. For details, contact your local authorities.

For best results:

- Go outside and away from underground locations, covered vehicles, structures with metal or concrete roofs, tall buildings, and foliage. Indoor performance might improve if you move closer to windows, but some window sun shielding films can block satellite signals.
- Move away from radios, entertainment equipment, and other electronic devices that might interfere with or block AGPS satellite signals.

If your phone cannot find strong AGPS satellite signals, the location of the nearest cell tower in contact with your phone is automatically provided to the emergency response center.

voicemail


Your network stores the voicemail messages you receive. When you **receive** a voicemail message, your phone shows the voicemail message indicator .




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

Tap **Listen Now**.

or

Tap **Listen Later**. The voicemail message indicator () and number of messages appears on the bottom of the main screen until you listen to your message.

To check voicemail messages later, tap the voicemail message indicator () or to call your voicemail number.

in-call options

During an active call, tap **Options** for these options:

Messaging

Contact List

Recent Calls

Bluetooth Menu

Main Menu

Notepad


Voice Record

Note: When you have a Bluetooth device connected during a call, you also see **Audio to Phone** and **Disconnect Bluetooth** options. When you have TTY Mode on, you also see a **TTY Setup** option.

more calling

restrict calls



- 1 Tap **Menu** to open the menu.
- 2 Tap **Phone**.
- 3 Tap **Security**.
- 4 When prompted, enter the lock code (the last four digits of your phone number).
- 5 Tap **Restrictions**.
- 6 When prompted, enter the lock code (the last four digits of your phone number).
- 7 Tap **Calls**.
- 8 Tap **Incoming Calls** or **Outgoing Calls**.
- 9 Toggle **Allow All**, **Contacts Only**, or **Block All**.
- 10 Press the Power () to go back to the main screen.

insert special characters



While entering a number, tap **Options** to select from these options:

2-Sec Pause—Your phone pauses for two seconds before it dials the next digit.

Wait—Your phone waits until the call connects, then prompts you for confirmation before it dials the next digit(s).

DTMF tones

Your phone sends *Dual-tone multi-frequency* (DTMF) tones for calling card calls or to navigate automated systems (such as banking by phone).

If you know you need to change your phone's DTMF tones:

- 1 Tap **Menu** to open the menu.
- 2 Tap **Phone**.

- 3 Tap **Call**.
- 4 Toggle **DTMF Tones** to **Normal** or **Long**.


hearing aid

If you use a hearing aid, set your phone to be compatible with your hearing aid.

- 1 Tap **Menu** to open the menu.
- 2 Tap **Phone**.
- 3 Tap **Call**.
- 4 Toggle **Hearing Aid** to **On**.

Note: For more information about hearing aid compatibility, see “Hearing Aid Compatibility with Mobile Phones” on page 98.

call times & data volumes

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

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

call timers & data volumes

- 1 Tap **Menu** to open the menu.
- 2 Tap **Calls**.
- 3 Tap **View Timers**.



- 4 Scroll to a category to view details.

set in-call timer



Set your phone to beep every minute that you are on a call. The person you are talking to does not hear the minute beep.

- 1 Tap **Menu** to open the menu.
- 2 Tap **Settings**.
- 3 Tap **Sounds**.
- 4 Tap **Service Alerts**.
- 5 Toggle **Minute Beep** to **On** or **Off**.

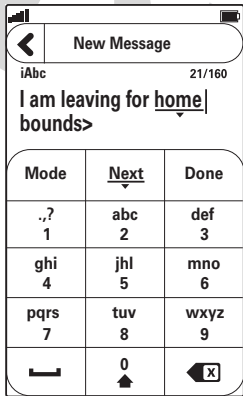
reset timer



- 1 Tap **Menu** to open the menu.
- 2 Tap **Calls**.
- 3 Tap **View Timers**.
- 4 Scroll to the timer you want to reset and tap **Reset**.

text entry

Some features let you enter text, like this text message screen:



Use the keypad that appears on your screen to type.

select entry mode


Multiple entry modes make it easy for you to enter names, numbers, and messages. The default mode is **Abc** (tap mode, first character of a sentence in uppercase).

To select an entry mode, tap **Mode**.

When your cursor is in a text field, you can select one of these entry modes:

| entry modes | |
|--------------|--|
| iTAP English | The phone predicts each word (in English) as you press keys. |
| iTAP Spanish | The phone predicts each word (in Spanish) as you press keys. |

| entry modes | |
|----------------|---|
| Abc | Enter letters and numbers. The first character of a sentence is in uppercase. |
| ABC | Enter letters and numbers. All characters appear in uppercase (not available when editing a contact). |
| 123 | Enter numbers only. |
| Symbols | Enter symbols. |



Tip: Press  in the text entry screen to toggle through capitalization options:

| | |
|------------|---|
| abc | no uppercase letters |
| Abc | first letter of a sentence in uppercase |
| ABC | all uppercase letters |

tap mode

This is the standard mode for entering text on your phone. Regular tap mode cycles through the letters, numbers, and symbols of the key you press.

- 1 Press a key once to insert the first letter on the key, twice for the second letter, and so on. If you pause briefly, your phone accepts the last letter in the display and waits for the next entry.
- 2 Enter the remaining characters in the same way.

Tip: Press  to enter a space. On your keypad, a space looks like .

iTAP® mode

iTAP software provides a predictive text entry method that combines your key presses into common words.

When you enter three or more letters in a row, your phone may guess the rest of the word.

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

If you enter a word the phone does not recognize, the phone stores it as a new word option. When you fill memory space for new word options, your phone deletes the oldest words to add new ones.

- Scroll up or down to view other possible combinations, and select the one you want.
- Tap to enter the highlighted combination when it spells a word. A space is inserted automatically after the word.
- Tap **1** to enter punctuation or other characters.

delete letters & words

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

- Press and **release** the delete key [NEED ICON] to delete one letter at a time.
- Press and **hold** the delete key [NEED ICON] to delete an entire word.

messages

send a multimedia (picture/video) message



A *multimedia message* contains embedded media objects (possibly including pictures, sounds, or voice records). You can send a multimedia message to other Verizon Wireless multimedia messaging-capable phones and to other email addresses.

create & send message

- 1 From the main screen, tap **Message**.
- 2 Tap **New Message**.
- 3 Tap **Picture Message** or **Video Message**.

- 4 Tap **Add Contact**.

Note: The maximum number of recipients for a message is ten.


- 5 Tap **Add Text** and enter the message text.
- 6 Tap **Insert** to add a picture or video.
- 7 Scroll to a picture, video clip, or other file type and tap **Insert**.
- 8 Tap **Subject**.
- 9 Enter the message subject.
or
Tap **Options**), scroll to **Add Quick Text**. Then select a **Quick Text** item as the message subject.
- 10 Tap **Send** to send the message.

message options


After adding a picture or sound to a multimedia message, you can choose from these options:

| option | |
|--|---|
| Preview | View the current contents of the message. |
| Save as Draft | Save the message to the Drafts folder. |
| Priority Level | Set to High or Normal . |
| Validity Period | Specify how long the message stays in the Outbox folder. |
| Remove Picture, Remove Sound, Remove Video | Remove a multimedia object from the message. |
| Add Slide | Add a page to the message. |
| Cancel Message | Cancel the message. |

receive a multimedia (picture/video) message

When you receive a multimedia message, your phone displays , a **New Message** notification, and plays an alert sound (if the Master Volume is set to high, med high, medium, med low, or low).

To view the message immediately, open the phone, tap **View now**.

To save it in your **Inbox** to view later, tap **View later**. Your phone displays  and the number of messages until you view the message.

To view messages in your Inbox:

- 1 From the main screen, tap **Message**.
- 2 Tap **Inbox**.

- 3 Scroll to the desired message and tap it to open it.

Multimedia messages that you receive can contain different media objects:

- Photos and animations are displayed as you read the message.
- A sound file begins playing when you open the message. Use the Volume keys to adjust the volume as the sound file plays.

more messaging

send a text message

- 1 From the main screen, tap **Message**.
- 2 Tap **New Message**.
- 3 Tap **Text Message**.



When you are entering text, you can tap **Options** to perform other actions on the message.

e-mail



Access your internet e-mail account to exchange e-mail from your phone.

- 1 From the main screen, tap **Message**.
- 2 Tap **Email**.
- 3 Follow the on-screen prompts to log into your account.

mobile IM



Access your internet Instant Messaging account to exchange messages in real time with family and friends.

- 1 From the main screen, tap **Message**.
- 2 Tap **IM**.
- 3 Tap the name of your IM community.

or

From the main screen, tap **Browser**. Tap to **Go To URL** to enter a Web address for your IM site.

- 4 Follow the on-screen prompts to log into your account.

chat

Access your internet chat account to keep in touch with friends and family in real time.

- 1 From the main screen, tap **Message**.
- 2 Tap **Chat**.
- 3 Tap the name of your chat community.

or

From the main screen, tap **Browser**. Tap to **Go To URL** to enter a Web address for your IM site.

- 4 Follow the on-screen prompts to log into your account.

view sent messages

- 1 From the main screen, tap **Message**.
- 2 Tap **Sent**.
- 3 Tap the message you want to view.

read received message

- 1 From the main screen, tap **Message**.
- 2 Tap **Inbox**.
- 3 Tap the message you want to read.

view drafts

- 1 From the main screen, tap **Message**.
- 2 Tap **Drafts**.
- 3 Tap the message you want to read.

erase messages

- 1 From the main screen, tap **Message**.



- 2 Tap **Options**.
- 3 Tap **Erase Inbox**, **Erase Drafts**, **Erase Sent**, or **Erase All**.

If you select **Erase Inbox** or **Erase All**, tap **All Messages** or **Only Read Messages** (only messages that you have already viewed).

- 4 Tap **Yes** to confirm your choice.

entertainment

Have fun with your phone!

watch V CAST Mobile TV

Your phone is capable of delivering full length television programming from some of the most popular TV channels. Check out the easy to use program guide. You can still take calls and messages, and when you hang up, go right back to enjoying your program. Get unlimited access to entertainment when you use V CAST Mobile TV.

Visit www.verizonwireless.com/vcast for more information. Sign up for V CAST Mobile TV by calling 1-800-2 JOIN IN, visit a Verizon Wireless

Communications store, or subscribe directly from your phone.

Note: V CAST Mobile TV is available only in the V CAST Mobile TV coverage area. See coverage area maps at www.verizonwireless.com. Additional fees may apply.

manage your subscription



- 1 From the main screen, tap **V CAST TV**.
- 2 Tap **Options**.
- 3 Tap **Subscription**.

Note: Normal airtime and/or carrier usage charges apply.

watch live TV

- 1 From the main screen, tap **V CAST TV**.

This screen shows a sample program guide:

Select this line to choose V CAST Video On Demand



You can use the following controls:

TV controls

| | |
|----------------------|--|
| adjust volume | volume keys on side of phone (see page 2) |
|----------------------|--|

| | |
|-----------------------|-------------------|
| change channel | scroll up or down |
|-----------------------|-------------------|

| | |
|-------------|--|
| exit | |
|-------------|--|

| | |
|-------------------------------|--|
| go to full screen mode | |
|-------------------------------|--|

- 2 Scroll to a program and tap it to play it.

Note: For TV service, you must be in an EVDO coverage area and see **EV** at the top of the screen. For best reception, you need three or more status bars of signal strength.

Tap **Options** to select more options:

| options | |
|--------------------------|---|
| Description | View information about a show including the TV rating (G, PG-13, R, NC-17). |
| Subscription | Select from basic or premium TV viewing packages. Fees apply. |
| Upgrade Check | Check for software upgrades. |
| Parental Controls | Restrict certain channels from underaged viewers by setting a four-digit PIN. |
| About | View software information. |

Note: You might select a show but instead see the message **Program Blacked Out**. A blackout can occur when a sporting event does not sell out and is not shown on TV.

restrict channel access



To control access to some channels based on what they are rated by the MPAA (such as NC-17 or R ratings), you can specify a PIN:

- 1 From the main screen, tap **V CAST TV**.
- 2 Toggle **Parental Controls** to **On** or **Off**.
- 3 When prompted, enter a four-digit PIN number.
- 4 Tap **Parental Control Ratings**.
- 5 When prompted, enter your PIN to begin setting controls for TV, movies, or audio files.

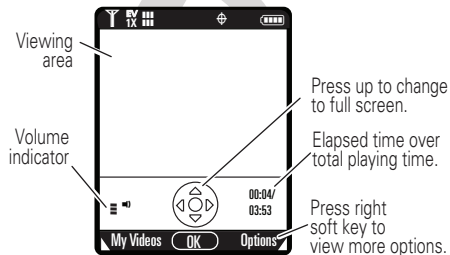
Note: If you forget your PIN, contact your service provider for help.

download V CAST videos



- 1 From the main screen, tap **MediaCenter**.
- 2 Tap **Picture & Video**.
- 3 Tap **V CAST Video**.

- 4 Tap a video category.
- 5 Tap a video program (selection) to watch or download .



You can use the following controls:

| | |
|---------------------|--|
| controls | |
| pause/play | |
| fast forward | |
| fast rewind | |
| volume | volume keys on the side of your phone (see page 2) |
| full screen | |
| exit | |
| options | |

Note: Normal airtime and/or carrier usage charges apply.

get & play music


Use the **Music & Tones** menu to:

- get new music and tones
- play music in your **MUSIC LIBRARY**
- record new sounds
- set a new tone as your ringtone

download V CAST music directly to your phone



- 1 From the main screen, tap **Music**.
- 2 Tap **V CAST Music**.

Note: Your phone must be in an EVDO coverage area to download music. If you are in an EVDO coverage area, your phone displays the EV symbol () with at least one signal strength bar in the status area of the screen (see page 14).

- 3 Browse or search the catalog to find the songs you want.

To preview a song, highlight the song and then tap **Preview**.

- 4 To buy a song, highlight the song and tap **Buy**.

After you tap **Buy** your phone shows song details and price.

- 5 Tap **Buy** to confirm your selection.

- 6 When you see a confirmation that your purchase was successful and your music is available for download, tap **OK** to continue, or tap **Later**.

- 7 When prompted to select a storage location, tap **Phone Memory** or **Memory Card** to begin downloading.

Your phone displays a status indicator. After downloading, you must wait for the phone to acquire the content license.

- 8 Tap **Play** to play the downloaded song immediately.

download music to your PC

Note: Music Manager works only with Microsoft® Windows® XP® and Windows Vista™ with Windows Media Player 10 or later. Mac OS is not supported.

- 1 On your PC, open Music Manager.

Tip: Don't have Music Manager? Download it for free at www.verizonwireless.com/music/musicmanager.

- 2 Select the Buy Music tab.

- 3 Log in.

- 4 Go to My Purchases.

Songs that you've purchased but haven't downloaded yet are indicated by an icon in the d/l column.

- 5 Check the boxes of the songs you want to download.

- 6 Click "Download."

To play the song, you can find it by selecting the Music On My PC tab.

sync music

Sync your music from your PC to your V CAST Music wireless device. This option allows you to transfer music files from your PC using V CAST Music Manager on your PC.

Note: You need a USB cable (sold separately) for syncing.

- 1 On your PC, open V CAST Music Manager.

Tip: Don't have V CAST Music Manager? Download it for free at

www.verizonwireless.com/music/musicmanager.

- 2 Plug in the USB cable to your phone and connect it to a USB port on your PC.

On the main screen on your phone, the SYNC MUSIC display appears. Your phone displays the

message **Connected**. (Connecting can take up to 60 seconds.)

- 3 Drag and drop the song(s) you want to sync into the Sync List window, and synchronization of the song(s) begins.
- 4 After synchronization is complete, disconnect the USB cable.
- 5 Exit Music Manager and disconnect the cable from your computer.

V CAST Music with Rhapsody *

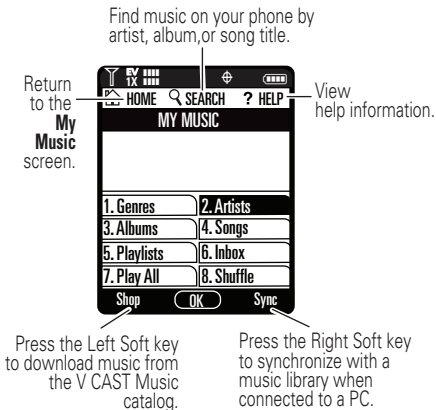
V CAST Music with Rhapsody is a digital music service that lets you listen to millions of songs from thousands of artists for one low monthly price. Discover new and old favorites in an extensive music catalog. Download V CAST Music with Rhapsody software to your Windows PC to sync tracks, albums, and playlists to your new compatible phone, while

managing your existing PC music library all in one place.

* V CAST Music with Rhapsody is coming soon. For more information about this service and when it will be available visit www.verizonwireless.com/music.

play music

- 1 From the main screen, tap **Music**.
- 2 Tap **My Music**.



The **HOME**, **SEARCH**, and **HELP** options appear on all screens in the Music Library.

The **Music Library** includes these categories:

| option | |
|------------------|---|
| Genres | Find & play music from a specific <i>genre</i> (type of music) such as rock, jazz, or blues. |
| Artists | Find & play music by a specific artist. |
| Albums | Find & play music from a specific album. Note: Even if you have only one song from an album, you will see a listing for that album. |
| Songs | Find & play specific songs. |
| Playlists | Play songs from personalized playlists that you create. |
| Inbox | View alert notifications received when new music from a selected artist is available for download. |

| option | |
|-----------------|--|
| Play All | Play all songs in the Music Library in list order. |
| Shuffle | Play songs in the Music Library in random order. |

- Press the Power key (⏻) from any Music Library screen to return to the main screen.
- On screens that show a list of items (for example, album titles), enter letters in the **Go To** area to jump directly to items beginning with those letters.

music player controls

Use these keys to control the music player during song playback **when the flip is open**:

| controls with flip open |
|-------------------------|
| pause/play |

| controls with flip open | |
|-----------------------------------|--------------------------|
| fast forward | |
| skip to next song | |
| rewind | |
| skip back to previous song | |
| return to song beginning | |
| turn off music player | Press the Power key (⏻). |

play an album

- 1 From the main screen, tap **Music**.
- 2 Tap **My Music**.
- 3 Tap **Genres, Artists, or Albums**.

From the GENRES screen:

- 1 Tap the **genre** you want.
- 2 Tap **artist** you want.
- 3 Tap **album** you want to play.
- 4 Tap **Play album**.

From the ARTISTS screen:

- 1 Tap the **artist**.
- 2 Tap the **album** you want to play.
- 3 Tap **Play album** .

From the ALBUMS screen:

- 1 Tap the **album** you want and tap **Options** to select from these options:

| option | |
|-------------------|---|
| Play album | Play the selected album, beginning with the first song. |

| option | |
|---------------------------------|--|
| Listeners also liked | For music that you've downloaded, see music recommendations. |
| Lock album | Lock album so you do not accidentally delete it. |
| Erase album | Remove the selected album from the Music Library. |
| Album info | See more info about the album. |
| Rebuild Library Database | Under normal conditions, the Music Library is maintained automatically. If the library behaves unexpectedly, use this option to reinitialize it. This option deletes the existing library and creates a new one that contains all currently installed music. |

- 2 Tap **Play album**.

play a song

- 1 From the main screen, tap **Music**.
- 2 Tap **My Music**.
- 3 Tap **Genres, Artists, Albums** or **Songs**.

From the GENRES screen:

- 1 Tap the **genre** you want.
- 2 Tap **artist** you want.
- 3 Tap **album** you want to play.
- 4 Tap **Play album**.

From the ARTISTS screen:

- 1 Tap the **artist**.
- 2 Tap the **album** you want to play.
- 3 Tap **Play album** .

From the ALBUMS screen:

- 1 Tap the **album**.

- 2 Tap the song you want to play. (The song plays only once, followed by the next song in the list.)

or

Tap **Options** to select other options (see page 64).

From the SONGS screen:

Tap the song you want to play. (The song plays only once, followed by the next song in the list.)

or

Tap **Options** to select other options (see page 64).

play all songs on phone

- 1 From the main screen, tap **Music**.
- 2 Tap **My Music**.
- 3 Tap **Play All**.

music library options menus

When you select a song and press **Options**, your phone displays these options:

| option | |
|-----------------------------|--|
| Add to playlist | Add the selected song to a playlist. |
| Listeners also liked | For music that you've downloaded, see music recommendations. |
| Lock Song | Lock a song so you do not accidentally delete it. |
| Erase song | Remove the selected song from the Music Library. |
| Erase all songs | Remove the selected songs from the Music Library. |
| Song Info | View the following information for the song: title, artist, album title, genre, copyright year, duration, and track number (if available). |

option

| | |
|-------------------------------|--|
| Rebuild Music Database | Under normal conditions, the Music Library is maintained automatically. If the library behaves unexpectedly, use this option to reinitialize it. This option deletes the existing library and creates a new one that contains all currently installed music. |
|-------------------------------|--|

When you press **Options while a song is playing**, your phone displays these options:

Note: The song is paused when you tap **Options**.

option

| | |
|-----------------|--|
| Play All | Play all songs in the Music Library in list order. |
| Shuffle | Play songs in the Music Library in random order. |

| option | |
|-----------------------------|--|
| My Music | Go back to your Music Library. |
| Shop | Connect to the V CAST Music catalog to download more songs. |
| Listeners also liked | For music that you've downloaded, see music recommendations. |
| Help | Get help with your media player. |

create a playlist

- 1 From the main screen, tap **Music**.
- 2 Tap **My Music**.
- 3 Tap **Playlists**.
- 4 If playlists already exist, tap **New**.

or

If no playlists exist, the CREATE PLAYLIST screen automatically appears.

- 5 Enter a title for the playlist.
- 6 Tap the songs you want to add to the playlist.
- 7 When finished adding songs to the playlist, tap **Done**.

play music from a playlist

- 1 From the main screen, tap **Music**.
- 2 Tap **My Music**.
- 3 Tap **Playlists**.

To play an entire playlist, tap the playlist to start the first song. The music player plays all songs in that playlist.

To play a song from a playlist, tap the playlist, then scroll to the song you want and tap **Play**.

Note: The first song in the playlist starts playing while you scroll through the playlist to select the song you want.

edit a playlist

- 1 Tap the playlist you want to edit.
- 2 Tap **Edit**.
- 3 Edit the playlist as desired.

To change the order of songs in your playlist, drag the songs into the order you want.

To delete a song, tap the song and then tap **Remove**.

- 4 Press the Power key (⏻) to return to the main screen.

listening tips

When you're on the go, you can listen to your music through a wired headset or Bluetooth® A2DP stereo headphones (see page 79).

When you are not using a wired or wireless headset, music is played through the phone's speaker.

record & play voice records


You can create a voice record that you can play back later as a reminder for yourself.


create voice record

- 1 From the main menu, tap **MediaCenter**.
- 2 Tap **Tones & Sounds**.
- 3 Tap **My Sounds**.
- 4 Tap **Record New**.
- 5 Tap **Record** to begin recording, then tap **Stop** when finished.

The voice record is automatically saved and appears in the **MY SOUNDS** list.

Tip: To create a voice record quickly, press and hold the Voice Command key (on the right side of the

phone), then tap **Record** to begin recording. Tap **Stop** when finished. You can save, send, or erase it. Press the Power key () to exit.

Tip: After you create a voice record, you can give it a new name. In the **My Sounds** listing, your phone displays an  indicator beside the names of voice records that you created. Tap the voice record you want to rename and then tap **Rename**.

play voice record

- 1 From the main menu, tap **MediaCenter**.
- 2 Tap **Tones & Sounds**.
- 3 Tap **My Sounds**.
- 4 Tap the desired voice record to play it.

record & play video clips

You can record a video clip with your phone and send it in a multimedia message to other wireless phone users.

Your camera lens is on the back of your phone when the phone is open (see page 2). **To get the clearest video clips, wipe the lens clean with a soft, dry cloth before you capture a video clip.**

record a video clip

- 1 From the main menu, tap **Camera**.
- 2 When the camera opens, tap **Camcorder**.
The active viewfinder image appears on your phone's screen: [NEW IMAGE WILL GO HERE.]
- 3 Point the camera lens at the subject.

Press left or right on the zoom bar to zoom in or out.

4 Tap **Record** to begin recording.

Tap **Pause** to temporarily stop recording. Tap **Resume** to continue.

5 Tap **STOP** to stop recording.

6 Tap **Save** to save the video clip.

or

Tap **Send** to save the video clip and go to the **NEW VIDEO MESSAGE** screen.

or

Tap **Erase** to delete the video clip and return to the active viewfinder.

adjust camcorder settings

Tap **Options** to select from these options:

| option | |
|------------------------------|--|
| Brightness | Adjust image brightness. |
| White Balance | Adjust for different lighting. |
| Duration | Specify standard lengths for video clips of Short (5 seconds), Medium (15 seconds), Fit to Video Msg. (varies depending on video settings), or Long (Max Memory) . |
| Color Effects | Scroll left or right to select Normal , Antique , Black & White , or Negative . |
| Switch Storage Device | Specify where you want to save video clips (phone memory or memory card). This option is available only when you have a memory card inserted. |

play video clip

To play a video clip stored on your phone:

- 1 From the main menu, tap **MediaCenter**.
- 2 Tap **Picture & Video**.
- 3 Tap **My Videos**.
- 4 Scroll to the clip you want to play and tap it.

You can tap **Mute** to mute the video clip sound. Tap **Unmute** to turn sound on again.

take photos

Your phone has a 1.3 megapixel digital camera that can take photos at up to 1280 x 1024 pixels resolution. You can take a photo with your phone and send it in a multimedia message to other wireless phone users.

When your phone is open, the camera lens is on the back (see page 2). **To get the clearest photos, wipe**

the lens clean with a soft, dry cloth before you capture a photo.

take & send photo—flip open

- 1 From the main menu, tap **Camera**.

The active viewfinder appears on your phone's screen: [NEW GRAPHIC GOES HERE.]

Scroll left or right on the zoom bar to zoom in or out.

Tap **Options** to see more options.

- 2 Point the camera lens at the camera subject and tap the viewfinder to take a picture.
- 3 Tap **Send** to save the photo and go to the **NEW PICTURE MESSAGE** screen.

or

Tap **Save** to save the picture in **My Pictures**.

or

Tap **Erase** to delete the photo and return to the active viewfinder.

adjust camera settings

Tap **Options** to select from these settings:

| option | |
|----------------------|---|
| Resolution | Set resolution to 1280x1024 , 640x480 , 320x240 , or Picture ID . |
| Self Timer | Set the camera to take a photo after an interval (3, 5, 10 seconds or off). |
| Brightness | Adjust image brightness. |
| White Balance | Adjust for different lighting. |
| Shutter Sound | Activate a sound that plays when you take a photo. |
| Color Effects | Scroll left or right to select Normal , Antique , Black & White , or Negative . |

option

Fun Frame

Go to **ADD FUN FRAME** to select a custom frame for your photo.

Switch Storage Device

Specify where you want to save video clips (phone memory or memory card). This option is available only if you have a memory card inserted.

download pictures



- 1 From the main menu, tap **MediaCenter**.
- 2 Tap **Picture & Video**.
- 3 Tap **Get New Pictures**.
- 4 Tap **Get New App** to connect to the picture catalog.

Note: Normal airtime and/or carrier usage charges apply.

manage pictures

- 1 From the main menu, tap **MediaCenter**.
- 2 Tap **Picture & Video**.
- 3 Tap **My Pictures**.

To view a picture, tap it.

While looking at a picture, tap **Options** to see the following options: **Send**, **Set As**, **To Online Album**, **Zoom**, **Edit**, **Rename**, **Move**, **Lock**, or **File Info**.

Note: The **Move** option is available only if you have a memory card inserted in your phone. Also, the **OPTIONS** menu includes different options for locked or preloaded images. You will also see different options if you are looking at a picture in the My Pictures screen.



fun & games

Note: A lock (🔒) icon next to a picture or sound means that the file is protected, and you cannot send, copy, or delete it.

launch game or application

- 1 From the main menu, tap **MediaCenter**.
- 2 Tap **Games**.
- 3 Tap the game or application you want to launch or tap **Get New App** to connect to the catalog.



download game or application

Download a game or application:

- 1 From the main menu, tap **MediaCenter**.
- 2 Tap **Music & Tones** (for **Get New Ringtones**), **Picture & Video** (for **Get New Pictures**), **Games**, **Browse & Download**, or **Extras**.



- 3 Tap **Get New App**.
- 4 Select an application and pricing option.

Note: Normal airtime and/or carrier usage charges apply.

Web access



From the main menu, tap **Browser** to surf the Internet.

Note: Mobile Web is a subscription service. Contact your service provider for more information.

tools

contacts

emergency contact & personal information

If you are injured, emergency workers may check your phone for emergency contact information. Store the phone numbers for relatives or friends as emergency contacts.

- 1 From the main menu, tap **Phone**.
- 2 Tap **ICE**.
- 3 Tap an emergency contact entry to assign it.

Note: Select **Note** to add personal information that may assist emergency workers.

- 4 Tap **From Contacts** or **New Contact**.

- 5 Tap a contact.

or

Enter contact information and tap **Save**.

create new contact

- 1 From the main screen, tap **Contacts**.
- 2 Tap **Add New Contact**.
- 3 Enter contact information and tap **Save**.

add a contact to favorites

- 1 Open the main menu and tap **Contacts**.
- 2 Tap the name of the contact you want.
- 3 Tap **Add to Favorites**.

Tip: To access your favorite contacts, open the main menu and tap **Contacts > Favorites**.

edit entry

- 1 From the main screen, tap **Contacts**.
- 2 Tap an entry and tap **Edit**.
- 3 Edit the contact information and tap **Save**.

erase an entry

- 1 From the main screen, tap **Contacts**.
- 2 Tap the entry.
- 3 Tap **Erase**.

set default number for entry

Set the default number for a contact that has more than one phone number:

- 1 From the main screen, tap **Contacts**.

- 2 Tap the entry.
- 3 Tap the circle toggle to the right of the number you want to set as the default (**Def**).

assign ringtone to entry

When you assign a ringtone to a **Contacts** entry, your phone plays that ringtone when you receive a call from the contact.

- 1 From the main screen, tap **Contacts**.
- 2 Tap an entry and tap **Edit**.
- 3 Tap **Ringtone**.
- 4 Tap the desired ringtone.
- 5 Tap **Save**.

Note: **Master Volume** must be set to **High**, **Med High**, **Med**, **Med Low**, or **Low** (see page 17).

assign picture to entry

When you assign a picture to a Contacts entry, your phone displays that picture when you receive a call from the contact.

- 1 From the main screen, tap **Contacts**.
- 2 Tap an entry and tap **Edit**.
- 3 Tap the picture area to select a picture.
- 4 Tap a picture.
- 5 Tap **Save**.

download ringtone for an entry

You can download a ringtone to assign to a **Contacts** entry. When you receive a call from that entry, your phone plays the ringtone you assigned.

- 1 From the main screen, tap **Contacts**.
- 2 Tap an entry and tap **Edit**.
- 3 Tap **Ringtone** and tap **My Ringtones**.

- 4 Tap **Get New Ringtone** then **Get New App**, then proceed to download and save a ringtone.

personal organizer

add calendar appointment

- 1 From the main menu, tap **Calendar**.
- 2 Tap the desired date and tap **Add**.
- 3 Enter new appointment name and details. To change the time, recurrence, or alert type, tap the detail.
- 4 Tap **Save**.

see calendar appointment

- 1 From the main menu, tap **Calendar**.
- 2 Tap the desired date.
- 3 Tap the date again to see appointment details.

set alarm

- 1 Tap **Menu**.
- 2 Tap **Tools**.
- 3 Tap **Alarm Clock**.
- 4 Tap an alarm.
- 5 Select **On**, and set the alarm time, recurrence, and alert sound by scrolling to the category and tapping **Set**.
- 6 Tap **Save**.

turn off alarm

When an alarm rings, tap **Dismiss**.

To disable an alarm that has not rung yet:

- 1 Tap **Menu**.
- 2 Tap **Tools**.
- 3 Tap **Alarm Clock**.

- 4 Tap an alarm.
- 5 Toggle **On** to **Off**.
- 6 Tap **Save**.

view world clock

View current time in cities around the world:

- 1 Tap **Menu**.
- 2 Tap **Tools**.
- 3 Tap **World Clock**.
- 4 Tap the desired city or tap **Cities** to view a list of cities.

notepad

- 1 Tap **Menu**.
- 2 Tap **Tools**.
- 3 Tap **Notepad**.

- 4 Tap **ADD NOTE**.
- 5 Enter text and tap **SAVE**.

calculators

- 1 Tap **Menu**.
- 2 Tap **Tools**.
- 3 Tap **Calculator** for basic math functions or **Tip Calculator** for figuring gratuities.

Use the keypad to enter numbers and math functions.

connections

Bluetooth® connections

Your phone supports Bluetooth wireless connections. You can connect your phone with a Bluetooth headset or car kit to make handsfree calls or to listen to music.

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, 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.

Your phone currently supports these profiles:

- Headset
- Handsfree
- Dial Up Networking (DUN)

- Serial Port Profile (SPP)
- Advanced Audio Device Profile (A2DP—Stereo Bluetooth Profile) for music files only
- OBEX profiles—File Transfer Profile (FTP) and Object Push Profile (OPP) for device-generated content (image and video), and vCard (OPP only)

To view descriptions of the profiles on your phone:

- 1 Tap **Menu**.
- 2 Tap **Bluetooth**.
- 3 Tap...

For more information about Bluetooth wireless connections supported by this device, go to FAQ

www.verizonwireless.com/bluetooth.

For information about vehicle compatibility, go to www.verizonwireless.com/bluetoothchart.

Note: All multimedia (video player, audio player, shutter tone, V CAST) play from the speakerphone when your phone is connected to a mono Bluetooth device.

For maximum Bluetooth security, you should always connect Bluetooth devices in a safe, private environment.

turn Bluetooth on or off

- 1 Tap **Menu**.
- 2 Tap **Bluetooth**.
- 3 Tap **Bluetooth On** or **Bluetooth Off**.

Note: To extend battery life, set Bluetooth power to **Off** when not in use.

pair with a headset, handsfree device, or PC

Note: If you use your Motorola Bluetooth headset with both an audio device and your phone, use your phone's Bluetooth menus to connect the phone with the headset. If you establish the connection by pressing a button on the headset, or if you allow the headset to connect automatically by turning it on, you may experience unexpected results.


Before you try to connect your phone with another Bluetooth device, make sure your phone's Bluetooth power is **On** and the other device is in *pairing* or *bonding* mode (see the user's guide for the device). You can connect your phone with only one device at a time.

- 1 Tap **Menu**.
- 2 Tap **Bluetooth**.

3 Tap **Add New Device**.

Note: If your Bluetooth power is not turned on, your phone prompts you to turn it on.

4 When you see **PLACE DEVICE YOU ARE CONNECTING TO IN DISCOVERABLE MODE** on your screen, make sure the other device is in discovery mode, and then tap **OK** on your phone.

Your phone lists the devices it finds within range. If your phone is already connected to a device, your phone identifies that device with a  (in-use) indicator.


5 Scroll to a device in the list.

6 Tap **PAIR** to connect to the device.

7 If the device requests permission to bond with your phone, tap **YES** and enter the device PIN code

to create a secure connection with the device. (The PIN code is typically set to 0000).

Note: See the instructions that came with your device for the device PIN code and other information about the device.

When the connection is made, the Bluetooth indicator  and a **Bluetooth** message displays on the main screen.

Tip: When Bluetooth power is on, your phone can automatically connect to a handsfree device you have used before. Just turn on the device or move it near the phone.

transfer files

You can use a Bluetooth connection to transfer some media files between your computer and phone.

Note: Your computer's Bluetooth interface may be different.

- 1 Pair your phone and computer (see “pair with a headset, handsfree device, or PC” on page 79) and place your phone in discoverable mode.
- 2 **On your computer**, right-click the Bluetooth icon in your System Tray.
- 3 Select “Send a File.”
- 4 Click “Browse” to locate your phone name, and then click “Next.”
- 5 Click “Browse” to locate the file you want to transfer, and then click “Next.”
- 6 **On your phone**, when prompted, tap **ACCEPT** to accept the file transfer.
- 7 When you are finished transferring files, press the Power key (⏻) on your phone to close the connection.

Note: Breaking the link with your computer does not turn off Bluetooth power on your phone. Turning Bluetooth power off conserves battery charge.

connect with another phone

You can use a Bluetooth connection to transfer a contact or file to another phone.

To transfer a contact to another phone:

Note: Make sure the phone receiving the entry has Bluetooth power on and is in Find Me mode. The receiving device must also be capable of receiving a vCard. Not all Bluetooth devices have this capability.

- 1 From the main screen, tap **Contacts**.
- 2 Tap the entry you want to transfer.
- 3 Tap **Send VCard**.
- 4 Tap **Send Via Bluetooth**.

Note: If your phone does not already have Bluetooth power turned on, it prompts you to turn it on.

- 5 Tap **Add New Device** or select the destination phone.

- 6 When prompted, enter the default PIN code **0000** or accept the transfer.

When the phones connect, the entry transfers to the other phone.

To transfer a file to another phone:

Note: Make sure the phone receiving the entry has Bluetooth power on and is in Find Me mode.

- 1 On your phone, tap the file (such as a picture, video, or sound) you want to transfer and tap **Send**.
- 2 Tap **Send Via Bluetooth**.

Note: If your phone does not already have Bluetooth power turned on, it prompts you to turn it on.

- 3 Tap **Add New Device** or select the destination phone.
- 4 When prompted, enter the default PIN code **0000** or accept the transfer.

make phone visible to other device



Allow an unknown Bluetooth device to discover your phone:

- 1 Tap **Menu**.
- 2 Tap **Bluetooth**.
- 3 Tap **Discovery Mode**.
- 4 Tap **On**.

Note: To ensure the best Bluetooth connection, always connect to Bluetooth devices using your phone's menus rather than making your device discoverable.

connect to recognized device



- 1 Tap **Menu**.
- 2 Tap **Bluetooth**.

- 3 Tap the device name.

Note: Your phone will prompt you to turn Bluetooth on if it is not already on. **If you have previously connected** with the device, tap the device name.

- 4 If prompted, enter the passkey (0000 by default).

connect to handsfree device during a call

Note: You cannot switch to a headset or car kit if you are already connected to a Bluetooth device.

- 1 During a call, tap **Bluetooth**.
- 2 Tap **Add New Device** or select the name of your handsfree device if you have paired with it previously.
- 3 If connecting to a new device, place the new device in discoverable mode and tap **OK** on your phone.

- 4 When your phone finds your handsfree device, tap **PAIR**.

disconnect from a device

- 1 Tap **Menu**.
- 2 Tap **Bluetooth**.
- 3 Tap the name of the device you are connected to and tap **DROP**.
- 4 Tap **Yes** to confirm.

cable connections

Your phone has a USB port so you can connect it to a computer.

If you use a USB cable connection:

- Make sure to connect the phone to a high-power USB port on your computer (not a low-power one such as the USB port on your

keyboard or bus-powered USB hub). Typically, USB high-power ports are located directly on your computer.

Note: If you connect your phone to a low-power USB port, the computer may not recognize your phone.

- Make sure both your phone and the computer are turned on.

network

adjust network settings

- 1 Tap **Menu**.
- 2 Tap **Settings**.
- 3 Tap **Phone**.
- 4 Tap **Phone Settings**.
- 5 At **System Select**, tap **Home Only**, **Automatic A** or **Automatic B**.



set call drop alerts



Set the phone to beep whenever the network drops a call. (Because digital networks are so quiet, the call drop alert may be your only sign that a call was dropped.)

- 1 Tap **Menu**.
- 2 Tap **Settings**.
- 3 Tap **Sounds**.
- 4 Tap **Service Alerts**.
- 5 Toggle **Network Lost Tone** to **On**.

set call connect alerts



Set the phone to beep whenever an outgoing call is connected:

- 1 Tap **Menu**.
- 2 Tap **Settings**.
- 3 Tap **Sounds**.

- 4 Tap **Service Alerts**.
- 5 Toggle **Call Connect** to **On**.

set roaming alerts



Set the phone to beep whenever the phone roams:

- 1 Tap **Menu**.
- 2 Tap **Settings**.
- 3 Tap **Sounds**.
- 4 Tap **Service Alerts**.
- 5 Toggle **ERI** (which indicates if you are on a home or partner network) to **On**.

service & repairs

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

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

Specific Absorption Rate Data

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

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

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg.¹ Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR

level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is **1.16 W/kg**, and when worn on the body, as described in this user guide, is **0.94 W/kg**. The SAR value for this product in its data transmission mode (body-worn use) is **0.32 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.

OPEN SOURCE SOFTWARE INFORMATION

For instructions on how to obtain a copy of any source code being made publicly available by Motorola related to software used in this Motorola mobile device you may send your request in writing to:

MOTOROLA, INC.
OSS Management
600 North US Hwy 45
Libertyville, IL 60048
USA

The Motorola website opensource.motorola.com also contains information regarding Motorola's use of open source.

Motorola has created the opensource.motorola.com to serve as a portal for interaction with the software community-at-large.

To view additional information regarding licenses, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, please select "Legal Notices" from Phone Settings.



MOTOROLA

DRAFT

Important Safety and Legal Information

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.

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.

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.

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 Web site 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.

Follow Instructions to Avoid Interference Problems

Turn off your mobile device in any location where posted notices instruct you to do so.

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.

Implantable Medical Devices

If you have an implantable medical device, such as a pacemaker or defibrillator, consult your physician before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from the implantable medical device when the mobile device is turned ON.
- DO NOT carry the mobile device in the breast pocket.
- Use the ear opposite the implantable medical device to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using

your mobile device with your implantable medical device, consult your healthcare provider.

Driving Precautions

The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving.

Additionally, 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.

Responsible driving practices can be found in the "Smart Practices While Driving" section in this guide (or separate guide).

Operational Warnings

Obey all posted signs when using mobile devices in public areas.







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.

Symbol Key

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. |
|  | Do not let your battery, charger, or mobile device get wet. |
|  | Listening at full volume to music or voice through a headset may damage your hearing. |

Batteries & Chargers

Caution: Improper treatment or use of batteries may present a danger of fire, explosion, leakage, or other hazard. For more information, see the “battery use & safety” section in the user’s guide.

Keep Your Mobile Device and Its Accessories Away From Small Children

These products are not toys and may be hazardous to children. For example:

- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

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.

Caution About High Volume Usage



Warning: Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound level, the less time is required before your hearing could be affected. To

protect your hearing:

- Limit the amount of time you use headsets or headphones at high volume.

- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears, or muffled speech, you should stop listening to the device through your headset or headphones and have your hearing checked.

For more information about hearing, see our Web site at www.motorola.com/hearingsafety (in English only).

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.

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Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept

any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5.

FCC Notice to Users

The following statement applies to all products that have received FCC approval. Applicable products bear the FCC logo, and/or an FCC ID in the format FCC-ID:xxxxxx on the product label.

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

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. See 47 CFR Sec. 15.19(3).

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment

generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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. |
| 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. |

| Products Covered | Length of Coverage |
|--|--|
| 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:

direct.motorola.com/hellomoto/Motosupport/source/registration.asp

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.

Caring for the Environment by Recycling



This symbol on a Motorola product means the product should not be disposed of with household waste.

Disposal of your Mobile Device and Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority. Alternatively, you may return unwanted mobile

devices and electrical accessories to any Motorola Approved Service Center in your region. Details of Motorola approved national recycling schemes, and further information on Motorola recycling activities can be found at: www.motorola.com/recycling

Disposal of your Mobile Device Packaging and User's Guide

Product packaging and user's guides should only be disposed of in accordance with national collection and recycling requirements. Please contact your regional authorities for more details.

California Perchlorate Label

Some mobile phones use an internal, permanent backup battery on the printed circuit board that may contain very small amounts of perchlorate. In such cases, California law requires the following label:

"Perchlorate Material – special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate."

There is no special handling required by consumers.

Privacy and Data Security

Motorola understands that privacy and data security are important to everyone. Because some features of your mobile device may affect your privacy or data security, please follow these recommendations to enhance protection of your information:

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Erase before recycling**—Delete personal information or data from your mobile device prior to disposing of it or turning it in for recycling. For step-by-step instructions on how to delete all personal information from your device, see the section entitled "master clear" or "delete data" in the user's guide.

Note: For information on backing up your mobile device data before erasing it, go to www.motorola.com and then navigate to the "downloads" section of the consumer Web page for "Motorola Backup" or "Motorola Phone Tools."

- **Understanding AGPS**—To provide location information for emergency calls, certain Motorola mobile devices incorporate *Assisted Global Positioning System* (AGPS) technology. AGPS technology also can be used in non-emergency applications to track and monitor a user's location—for example, to provide driving directions. Users who prefer not to permit such tracking and monitoring should avoid using such applications.

If you have further questions regarding how the use of your mobile device may impact your privacy or data security, please contact Motorola at privacy@motorola.com, or contact your service provider.

Smart Practices While Driving

Drive Safe, Call Smart

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 -- for example, handsfree use only. Go to www.motorola.com/callsmart (in English only) 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 voicemail 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.*

* Wherever wireless phone service is available.

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DRAFT

U.S. patent Re. 34,976