

**Verizon Wireless**



P O R T A B L E   A L L   D I G I T A L  
M O B I L E   P H O N E

**User Manual**

**Please read this manual before operating your  
phone, and keep it for future reference.**

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## Section 1: Getting Started

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### Understanding this User Manual

The chapters of this manual generally follow the same order as the menus and sub-menus in your phone. A robust index for quick reference to most features begins on page 159.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on 136.

### Notes and Tips

Throughout this guide are icons and text that are set apart from the rest. These are intended to point out important information, quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes:** Explain alternative options within the current feature, menu, or sub-menu.
- **Tips:** Provide quick or innovative methods for performing functions related to the subject at hand.
- **Important:** Points out important information about the current feature that could affect performance, or even damage your phone.

This section allows you to start using your phone after activating your service, setting up your voicemail, contacting customer

support, or getting an understanding of how this manual is put together.

### Using the Battery

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**Note:** This phone comes packaged with a partially charged rechargeable standard Li-Ion battery and wall charger.

You must fully charge the battery before using your phone for the first time. A fully discharged battery requires up to 4 hours of charge time.

---




**Important!:** Although the phone can be used while the battery is charging, the battery must be fully charged before first use, otherwise you could damage the battery.

---

**Warning!:** Use only the charger provided with the wireless device. Using a charger other than the one included may damage your wireless device or battery.

---

## Battery Indicator


The battery indicator  in the upper-right corner of the display indicates battery power level. Four bars indicate a full charge, while an empty icon  indicates an almost empty battery. Two to three minutes before the battery becomes too low to operate, a blinking empty battery icon  appears and a tone sounds. If you continue to operate the phone without charging, it shuts down.

## Using A Non-Supported Battery

Samsung handsets do not support the use of a non-supported battery.

When using a non-supported battery you will hear a series of beeps and you will see a warning message that indicates “**NON-SUPPORTED BATTERY. SEE USER MANUAL**” If you receive this warning, battery charging has been disabled.

Samsung charging accessories (i.e. wall charger, and cigarette lighter adapter) will only charge a Samsung approved battery.

To continue use of your handset press .

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**Note:** When using a non-supported battery the handset can only be used for the duration of the life of the battery and cannot be recharged.

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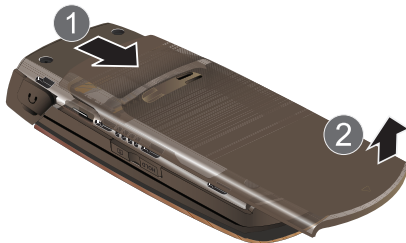
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**Important!** Using a non-supported battery may cause damage to your phone. Use a Samsung supported battery only.

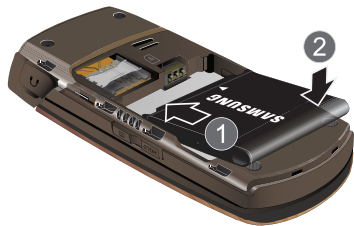
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## Installing the Battery

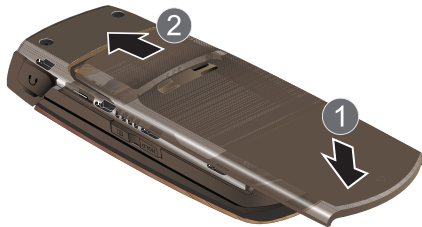
1. Press down, and slide the battery cover back and lift up to remove it.



2. Insert the top end of the battery into the phone housing using the directional arrow printed on the battery. The gold contacts at the battery end must align with contacts on the phone. Push bottom end of the battery down until it snaps into place.

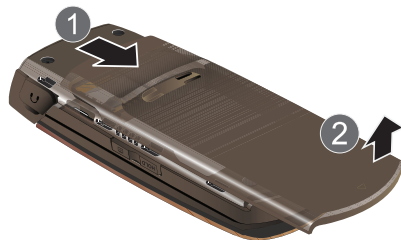


3. Slide the battery cover up until it snaps into place.



### Removing the Battery

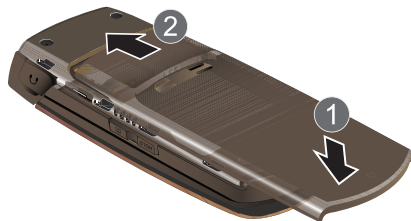
1. Press down, and slide the battery cover back and lift up to remove it.



2. Lift the battery from the bottom end and remove.



- Slide the battery cover up until it snaps into place.



### Charging the Battery

Your phone is powered by a rechargeable standard Li-ion battery. Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

---

**Note:** The phone can be used while charging but will charge faster when powered off.

---

### Wall Charger

The wall charger is a convenient, light-weight charger that rapidly charges your phone from any 120/ 220 VAC outlet.

- Pull the connector cover out and turn to expose the connector. Insert the wall charger adapter end with the arrow up into the connector at the bottom of the phone.




- Plug the wall charger into a standard AC wall outlet.

When the phone is completely charged (the battery icon becomes still), unplug the adapter from the power outlet. Remove the adapter end from the connector and replace the connector cover.

## Turning Your Phone On and Off

### Turning Your Phone On

1. Open the flip, then press and hold  until phone turns on.


---

**Note:** As with any other radio-transmitting device, do not touch the internal antenna as it affects call quality and may cause the phone to operate at a higher power level than is necessary. The internal antenna is located along the top on the back side of your phone.

---


2. Once the phone finds a signal, the time, date, and day appear in the display.
3. You're now ready to place and receive calls.

---

**Note:** If the phone is outside the Verizon Wireless coverage area the roaming icon  appears in the top of the display.

---

### Turning Your Phone Off

Press  for two or more seconds. Your phone powers off.

### Setting Up Voicemail\*







Voicemail allows callers to leave voice messages.

---







**Note:** Once your voicemail account has been set up, you can use the voicemail selection 5 (under the Messaging menu) to view details of voice messages in your voicemail box.

---

### Voicemail Setup

1. Press and hold  or     from your phone or dial your wireless phone number from any touch-tone phone.
2. When the recorded announcement begins, press  to interrupt (if applicable). An easy-to-follow setup tutorial will begin. Follow the instructions to set up your new password and record a greeting.

### Listening to Voicemail

1. Press and hold  or    .
2. You are then prompted to enter your password followed by  key. Follow recorded prompts to listen to messages, change administrative options, etc.

---

\*Airtime and long distance charges apply. IN Calling minutes do not apply to Voicemail setup or retrievals.

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## Section 2: Understanding Your Phone

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This section outlines key features of your phone as well as screens and icons that display when the phone is in use.

### Features of Your Phone

- High Speed Data (EVDO 1x Technology (800/1900 MHz) + Quad Band (850/900/1800/1900 MHz GSM)
- Global Positioning (GPS) Technology for VZ Navigator<sup>SM</sup>
- V CAST Music | Rhapsody and Video Capable
- Personal Organizer (Calculator, Calendar, Alarm Clock, Stop Watch, World Clock, and Notepad)
- Dedicated Touch Music Keys
- Messaging Services (Standard and Enhanced TXT Messaging, Picture Messaging, Video Messaging, Email Messaging, Voice Messaging, Mobile Instant Messenger and Chat)
- 2.0 Megapixel Camera and Camcorder with Night Shot Mode
- Advanced Speech Recognition
- Speakerphone
- microSD<sup>TM</sup> Memory Card Slot
- Bluetooth<sup>®</sup> Wireless Technology \*\*

---

\*\*The Samsung Renown<sup>TM</sup> supports the following Bluetooth profiles: Headset, Handsfree, Serial Port, Dial Up Networking, Object Push for vCard and vCalendar, Phonebook Access, Bluetooth Stereo Support for Music and File Transfer for My Sounds, My Pictures, and My Videos. The Renown<sup>TM</sup> does not support all Bluetooth OBEX profiles. Go to [www.verizonwireless.com/bluetoothchart](http://www.verizonwireless.com/bluetoothchart) to check vehicle/accessory compatibility.

---

### Closed View of Your Phone

The following illustration shows the main external features of your phone. For explanation of features; see “*Features (Closed view)*” on page 10.



### Features (Closed view)

1. **Hand Strap Holder:** Allows you to attach a hand strap for carrying the phone.
2. **Speaker:** (located under battery cover) Music, Ringtones, and Sounds are played through the speaker.

3. **Power/Accessory Connector:** The power/accessory interface connector is used to plug in the charging accessories and also connect any available accessory cables to your phone.
4. **Volume key:** Allows you to adjust the master volume or adjust the voice volume during a call. To mute the ringer during an incoming call, press the volume key up or down. Also press and hold the key, to activate Sound Off mode/ Normal mode.
5. **Rewind key:** Music rewind key. Touch and hold to rewind music. Tap to go to a previous song.
6. **Play/Pause key:** Music play or pause key.
7. **Camera Lens:** Allows you to take photos or record video.
8. **Headset Jack:** Allows you to plug in an optional headset for safe, convenient conversations.
9. **SIM Card Slot:** (located under battery cover). Allows you to insert a SIM card.
10. **microSD™ Memory Card Slot:** (located under battery cover). Allows you to insert a microSD™ memory card to add additional memory and storage capacity.

11. **External LCD:** External LCD shows signal and battery strength, time, day, and date. It also displays incoming calls or messages. Also displays partial information for VZ Navigator when VZ Navigator is in use and the flip is closed.
12. **Camera/Camcorder key:** Press to activate the camera or press and hold to activate the camcorder.
13. **Hold Key:** Allows you to lock/unlock the music keys (i.e. Rewind, Play/Pause, and Fast Forward) on the front of the phone.
14. **Fast Forward key:** Music fast forward key. Press and hold to fast forward music. Tap to go to the next song.

## Open View of Your Phone

The following illustration shows the main features of the phone.

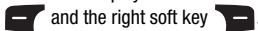


## Features

1. **Internal LCD:** Displays all the information needed to operate your phone.
2. **OK Key:** Pressing when navigating through a menu accepts the highlighted choice in a menu, or performs an action in an application.
3. **Left Soft Key:** This key is used to navigate through menus and applications by selecting the choice indicated on the lower left area of the display screen.
4. **Voice Recognition Key:** Press to activate voice recognition feature.
5. **Send Key:** Allows you to place or receive a call. From the home screen, press the key once to access the recent call log.
6. **Voicemail Key:** Press and hold to call Voicemail.
7. **Special Function Keys:** Enters special characters. Perform various functions.
8. **Earpiece:** The earpiece allows you to hear the other caller.
9. **Directional Key:** This key allow you to scroll through the phone menu options.
10. **Right Soft Key:** This key is used to navigate through menus and applications by selecting the choice indicated on the lower right area of the display screen.
11. **Speakerphone Key:** Press this key to enable/disable the speakerphone option.
12. **End/Power Key:** Ends a call. Press and hold the END key, to power On or Off. When you receive an incoming call, press to send the call directly to voicemail.
13. **Clear Key:** Deletes numbers when dialing a phone number, or characters from the display when you are in text entry mode. Press to return to the previous menu or screen when navigating features.
14. **Alphanumeric Keypad:** Use these keys to enter numbers, letters, and characters.
15. **Microphone:** The Microphone allows the other caller to hear you clearly when you are speaking to them.




## Command Keys

Functions for the soft keys are defined by what appears above each in the display. There are two soft keys, the left soft key



## Left Soft Key

Some functions of the left soft key are as follows.



- Press the **Message** (left) soft key  to open the Message menu.
- When the left soft key function is Settings, press the **Settings** (left) soft key  to view settings for the feature.
- When the left soft key function is Edit, press the **Edit** (left) soft key  to edit a Contact or Profile setting.




## Right Soft Key

Some functions of the right soft key are as follows.


- Press the **Contacts** (right) soft key  to open your Contacts list.
- When the right soft key function is **Options**, press the **Options** (right) soft key  to view more options for the current menu.





## Clear Key

The **CLR** key  is used to erase or clear numbers, text, or symbols from the display. You can also use  to return to a previous menu or to return to the home screen from any menu.


- If you enter an incorrect character, briefly press  to backspace (and delete) the character.
- To erase the previous word in a sentence, press and hold .
- To back up one menu level, briefly press .







## End Key

The **End** key  is used to end a call, to turn your phone on/off, to return to the home screen from any menu or cancel the last input.

- Press and hold the **End** key  to turn your phone on or off.
- Press  to disconnect a call.
- Press  to return to the home screen from any menu, or to cancel the last input.
- Press  to send an incoming call directly to Voicemail.

## Send Key

The **Send** key  is used to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.


- Press  to answer calls.
- Enter a number and press  to make a call.
- Press  from the home screen to display a list of all calls to and from your phone.
- Press  twice from the home screen to call the most recently dialed, received, or missed number.
- Press  to pick up a waiting call. Press  again to switch back to the other call.

## Directional Keys




Use the Directional keys (up, down, left, right) to browse menus, sub-menus, and lists. Each key also acts as a shortcut to launch applications. The Directional keys can be customized to launch your favorite application. For more information, refer to “Set Shortcuts” on page 93.


## Speakerphone Key

With the flip open, press and hold the **Speakerphone** key  to switch from using the earpiece to the speakerphone before or during a call. Use the volume keys (located on the left side of your phone) to adjust the volume. Press and hold the **Speakerphone** key to enable and disable the speakerphone option.

## Camera/Camcorder Key

Press the **Camera** key  (on the right side of the phone) to activate the camera. Press and hold the **Camera** key to activate the **Camcorder**. While in camera mode press the **Camera** key to take a photo. While in camera mode press and hold the **Camera** key to activate the **Camcorder**.

## Hold key

Press **Hold** key  on the right side of your phone to lock/unlock the touch keypad (i.e. **◀◀** Rewind, **▶▶** Play/Pause, and **▶▶▶** Fast Forward) on the front of the phone.

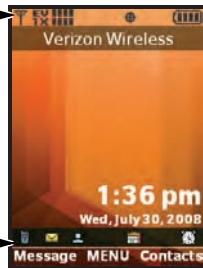
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**Note:** The music touch keys are only functional when the backlight is on.

---

## Understanding the Display Screen


The top annunciator line of your phone's display contain icons that indicate network status, battery power, signal strength, connection type and more.





The bottom area of the home screen shows icons that indicate feature and function status.


The following list contains icons that may appear in your display.


## Display icons


 **Airplane Mode:** Appears when Airplane Mode is on. When on, all RF functions for your phone are disabled, and you cannot use your phone to place or receive calls.


 **Roaming:** Your phone is outside your home area. While roaming, another wireless provider may be handling your call. The service rate for the call may be higher than those made from within your home area. Please refer to Verizon Wireless for roaming rates.


 **EV signal strength:** Appears when your phone is using the EVDO protocol. Appears when your phone is on and indicates the current signal strength. More bars indicate a stronger signal.

 **1X signal strength:** Indicates your phone is using the CDMA 1X protocol. Appears when your phone is on and indicates the current signal strength. More bars indicate a stronger signal.








 **EV1X signal strength:** The EVDO/1X protocol is capable of high-speed broadband data (3G). Appears when your phone is on and indicates the current signal strength. More bars indicate a stronger signal.






 **D signal strength:** Appears when your phone is receiving digital data. Appears when your phone is on and indicates the current signal strength. More bars indicate a stronger signal.

 **GSM signal strength:** Appears when your phone is using the GSM protocol. Appears when your phone is on and indicates the current signal strength. More bars indicate a stronger signal.




 **SSL:** Indicates the secure socket layer is active transmits your communications over the internet in an encrypted format.

 **Voice Privacy:** Prevents eavesdropping over a CDMA traffic channel.

-  **Hold - Keys Locked:** Indicates that the external music player keys are locked and are not functional. Press and hold the HOLD key to lock/unlock the external music player keys.
-  **No service:** Your phone cannot find a signal because you're outside a service area. You cannot make or receive calls. Wait for a signal or move to an open area to find a signal. This indicator always appears when you first turn on your phone and disappears once service is located.
-  **Voice Call:** Indicates a call in progress.
-  **Data Call:** Indicates a data call in progress.
-  **Dormant:** Indicates no incoming or outgoing data.
-  **E911:** Indicates Global Positioning Service (GPS) for 911 is set to On for emergency calls only.
-  **Location On:** Global Positioning Service is set to On for location and 911 calls.

-  **Battery Level:** More bars indicate a greater charge. When the battery is low, an empty battery icon flashes and the phone sounds an alert, which indicates your phone is about to shut down.
-  **TTY:** Indicates that TTY is enabled.
-  **Bluetooth On:** Indicates that Bluetooth wireless technology is turned on.
-  **Bluetooth Connected:** Indicates Bluetooth wireless technology is turned on and is paired with another Bluetooth-enabled device.
-  **Bluetooth Active:** Indicates that Bluetooth wireless technology is connected to another device and receiving or pushing data.

### *Bottom Display Icons*

-  **All Sounds Off:** The ringer is silenced for all alerts, incoming calls, and incoming messages.
-  **Alarm Only:** Your phone will only ring when the set alarm sounds.
-  **Vibrate Only:** Your phone vibrates upon receiving a call.



**Speakerphone:** Your phone switches to speakerphone instead of earpiece.



**Missed Calls:** Your phone displays this icon when calls are missed.



**New Msgs:** You've received a new text, page or web alert message. You're also notified of a new message by animations and sound.



**Calendar Event:** Your phone displays this icon when you have a calendar event scheduled.



**Voicemail:** You've received a voicemail message, page or web alert message. You have one or more unread voicemail messages in your voicemail box. (Only applicable on the Verizon Wireless Network.)



**Alarm On:** Indicates that your phone has a set alarm.



**Auto Answer:** Automatic answer is enabled. Your phone automatically picks up calls after the designated time with the stereo headset or when your Bluetooth headset or Bluetooth hands-free car kit is connected.

## Dialogue boxes

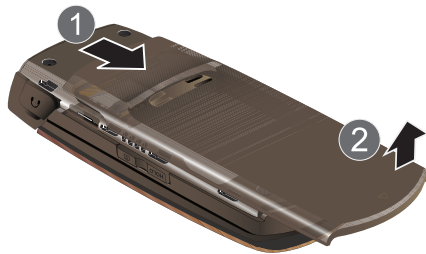
Dialogue boxes prompt for action, inform you of status, or warn of situations such as low memory. Dialogue boxes and their definitions are outlined below.

- **Choice** -Example: "SAVE MESSAGE?"
- **Reconfirm** -Example: "ERASE ALL MESSAGES?"
- **Performing** -Example: "SENDING..." "CONNECTING..."
- **Completed** -Example: "MESSAGE SENT"
- **Information** -Example: "NEW MESSAGE"
- **Error** -Example: "SYSTEM ERROR!"
- **Warning** -Example: "BATTERY LOW," "MEMORY FULL!"

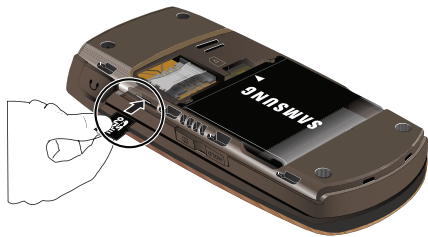
## Inserting and Removing the microSD card

To add additional memory to your phone insert a microSD card (sold separately) into the external memory slot, located in the battery compartment of the phone. Use the following instructions and illustrations for proper insertion and removal.

1. Press down to slide the battery cover back to remove.

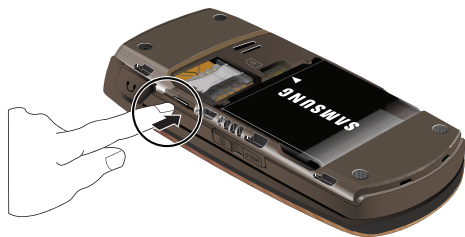


2. Push the microSD card into the slot until it locks into place.

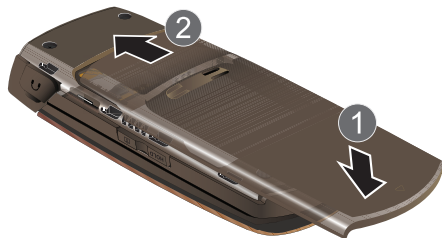


#### To remove the card:

1. Press in the microSD card to unlock and remove.



2. Slide the battery cover up until it snaps into place.



## Installing Your SIM Card

Your wireless device comes with a SIM card installed which along with a Global Feature on your account, enables you to make calls and access email in GSM Networks while traveling overseas. Should your SIM card be lost or damaged, please follow these instructions for the installation of your new SIM.

---

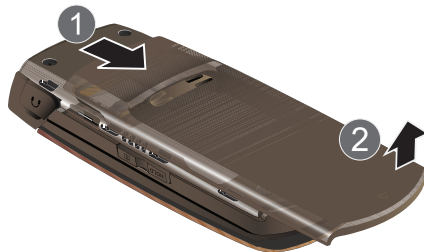
**Note:** If your SIM card is lost or damaged within the United States, please dial \*611 from your device or 1.800.922.0204 to speak with a Customer Service Representative. From outside of the United States dial +1-908-559-4899.

---

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

---

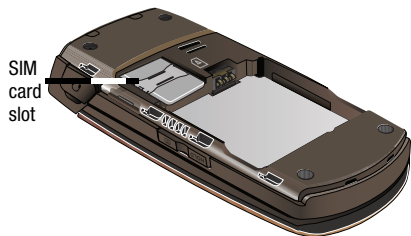
1. Press down to slide the battery cover back to remove.



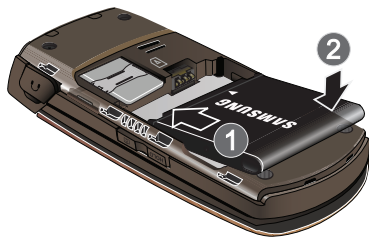
2. Lift the battery from the bottom end and remove.



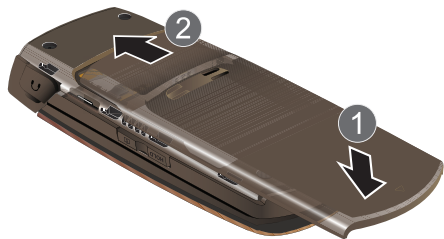
3. Make sure the gold contacts of the SIM card are face down, then slide the SIM card completely into the socket.



4. Insert the top end of the battery into the phone housing using the directional arrow printed on the battery. The gold contacts at the battery end must align with contacts on the phone. Push bottom end of the battery down until it snaps into place.



5. Slide the battery cover up until it snaps into place.



## Section 3: Call Functions

---



This section describes how to make or answer a call. It also includes the features and functionality associated with making or answering a call.

### Making a Call

1. From the home screen, enter the number to call using the numeric keypad and press .

### Dialing Emergency Numbers

You can dial any of the numbers 911, \*911, or #911 to place an emergency call.

- If your phone is in Verizon **CDMA Mode**, dial 911, \*911, or #911, then press .
- If your phone is in **Global Mode**, dial 911, then press .




---

**Note:** If you dial 112 or 999 while in **Global Mode**, your phone dials the emergency number immediately (no prompt).

---

### Emergency Calls in GSM Mode

You can make an emergency call while in **GSM Mode**, even if the **SIM Lock** or **PIN Lock** is enabled. Emergency call is always supported.

1. If your phone has the **PIN** lock enabled, press the left soft key  **SOS**.
2. The “**EMERGENCY CALL?**” screen will display. Press the left soft key  **Yes**, or the right soft key  **NO** to cancel.

### Placing GSM International Calls


---



**Note:** The SIM card must be installed in order to make calls in GSM mode.

---


#### *Calling the U.S. from another country*

The United States is the default (reference country) on your phone. When both **Assisted Dialing** is set to **ON** (default), and the reference country is United States of America; you can place a call to the U.S. from another country by using an existing number from you contact list (as if you were in the U.S.). In this scenario, there is no need to add your current country's exit code when you are dialing contacts with these settings.

1. From the home screen, press and hold  to display the “+” symbol. The “+” symbol automatically inserts the exit code for the country from which you are calling.

2. Press  to insert the U.S. country code, then enter the area code and number.
3. Press . The number is dialed.

### Calling Internationally from another country (GSM Only)

1. From the home screen, press and hold  to display the “+” symbol. The “+” symbol automatically inserts the exit code for the country from which you are calling.
2. Enter the country code of the person you are calling. Enter the area code, without the leading zero, followed by the number of the person you are calling.






---








**Note:** There are some exceptions for leaving out the leading zero such as Italy, Finland and Spain.

---

### Assisted Dialing

This menu allows you to select **Assisted Dialing** for a country where you are making a call.

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Call Settings**.

4. Press  **Assisted Dialing**. Press the right soft key  **Help**, to view the help menu.
5. With the Assisted Dialing field highlighted, press the  Directional key left or right to select **On** or **Off**.
6. When selecting **On**, press the  Directional key down to highlight the Reference Country field, and then press the left soft key  **Set** to choose from a list of countries that support assisted dialing. While on the screen with the list of Countries, press the left soft key  **Details** to edit the following options, if needed:
  - Country Code
  - IDD Prefix
  - NDD Prefix
  - Area Code
  - National Number Length
7. Press  to save any changes made.

---





**Note:** When **Assisted Dialing** is **On**, the home screen will display “**Assisted On**” when dialing an international number. For more information with international calls, see “*Placing GSM International Calls*” on page 22.

---

## Answering a Call




You can answer calls with either the flip open or closed.

To answer a call with the flip in the closed position; open the flip. The call will be automatically answered.

To answer a call with the flip in the open position; press  to answer the call, or , or the right soft key  Ignore to send the call to voicemail, or left soft key  Quiet to silence the ringer.

## Answering Call-Waiting Calls

When you receive a call while on a call:

- Press  to answer the new call.
- When you press  and answer the incoming call, the original caller is placed on hold.
- Press the  key again to return to your original call.


## Call In-Progress Options

Access numerous menus and features even while in a call.

---

**Note:** If the call is disconnected while accessing the Call-In Progress Options, the options disappear from the display and the phone eventually returns to the home screen.

---



1. While in a call, press the right soft key  **Options**. The following menu items appear in the display.

- **Messaging:** Displays the Messages menu.
- **Contact List:** Opens Contact list to view your contacts.
- **Recent Calls:** Displays recent incoming, missed and outgoing calls.
- **Bluetooth Menu:** Displays the Bluetooth menu.
- **Main Menu:** Displays the Main menu.
- **Notepad:** Opens the Notepad.
- **Whisper Mode:** Increases microphone to maximum volume level.

---

**Note:** During a call, turn on Whisper Mode when speaking softly, or when the caller cannot hear your voice clearly. This mode is useful in meetings or public places.

---

2. Press the directional key to highlight a menu. Press  to open the highlighted menu or to activate the feature.
3. Press the left soft key  **Mute/Unmute** to mute the call. Press again to unmute the call.

## Recent Calls

When you place, miss, or receive a call, a record of the call is saved in Recent Calls, which is a listing of the different types of calls you can either receive or make. These types of calls are:



- **Missed:** Displays any missed calls.
- **Received:** Displays any received calls that were answered.
- **Dialed:** Displays all outgoing calls made from your phone.

- **All:** Displays all missed, received, and outgoing calls made from your phone.
- **View Timers:** Displays amount of time for: Last Call, All Calls, Received Calls, Dialed Calls, Roaming Calls, Transmit Data, Received Data, Total Data, Last Reset, Lifetime Calls, and Lifetime Data Counter.

Using the default **Twilight** display theme, **Grid** menu layout: press





**MENU.**

Press the directional key right or left to highlight  **Recent Calls** menu. Press the directional key up or down to highlight the call type that you want to view and press .

Press the directional key up or down to view the call.

### Viewing Recent Call History

Recent Calls retains information such as the duration, date and time, and whether the call was received, dialed, or missed.

1. From the home screen, press the  key.
2. Press the directional key down to highlight the desired number.
3. Once the desired number is highlighted, press  **OPEN.**
4. The following call information appear in the display:
  - **Call Type:** The title bar displays if the call is a missed, dialed, or received.

- **Name:** If the caller is in your Contacts list, their name is listed here as well as the appropriate icon to indicate Mobile 1, Mobile 2, Home, Work, or Fax. This option only appears if the caller is in your Contacts list. If the caller is not in your Contacts list, No Name appears.

- **Number:** Displays the telephone number.
- **Time:** The time of the call.
- **Date:** The date of the call.
- **Duration:** The duration of the calls made or received.


5. Press the right soft key  **Options** to display the following options:

- **Save to Contacts:** Save the number to your Contacts list.

---

**Note:** If save doesn't appear, that entry is already in your Contacts list.

---

- **Details:** Displays details about the caller if entered in Contacts.
  - **Erase:** Deletes the call from Call History.
  - **Lock/Unlock:** Locks or unlocks the entry to prevent accidental deletion.
  - **View Timers:** Select to view the call timers for your phone.
6. Press the directional key down to highlight an option. Press  to enter the highlighted option's sub-menu.

## Call History Icons

When you view Recent Calls, an icon to the left of the number indicates the type of call.



Indicates a Missed call







Indicates a Dialed call














Indicates a Received call



## Making Calls Using Call History



1. From the home screen, press . Press the directional key up or down until the desired number is highlighted.
2. Press  to call the highlighted number. Or, you can press  **OPEN**, then press  to call the highlighted number.

## Creating or Updating Contacts Using Call History

1. From the home screen, press  then press the directional key up or down until the desired number is highlighted. Press the right soft key  **Options**. **Save to Contacts** is highlighted. Press .

2. Press the directional key up or down to highlight **Add New Contact** or **Update Existing**. Press .
3. If you selected **Add New Contact**, the following types are available.
  -  Mobile 1
  -  Mobile 2
  -  Home
  -  Work
  -  Fax
4. If you selected **Update Existing**, proceed to step 9.
5. Press the directional key up or down to highlight the desired entry type (**Mobile 1**, **Mobile 2**, **Home**, **Work**, or **Fax**) then press .
6. Enter a name for the entry using the keypad. Press the left soft key  **Abc** if you wish to select a different method of text entry, such as Word, Abc, ABC, 123, or Symbols.

7. To assign a **Speed Dial** location, press the directional key up or down to highlight the number you would like to assign to a **Speed Dial** location and press the right soft key  **Options**. Highlight **Set Speed Dial** and press .

Highlight an unassigned location and press  **SET**. A confirmation message appears in the display, **Yes** is highlighted, press  to add Contact to the speed dial location.

---



**Note:** Voicemail is assigned to Speed Dial location 1. Location 411: directory assistance, 611: customer service access, 911: emergency phone number.

---





---

**Note:** You can assign a speed dial location to each number associated with the contact (Home, Work, Mobile 1, Mobile 2, and Fax.).

---



8. When you're finished entering information for the entry, press  **SAVE**. The entry is saved to your Contacts.
9. An **UPDATE EXISTING** pop-up screen with a selection list of entry types displays. Press the directional key up or down to highlight the desired type then press . The number is added to the selected entry and saved to your Contacts.

### *Deleting Call History Entries*

1. From the home screen, press  then press the directional key up or down until the desired number is highlighted. Press the right soft key  **Options**. A pop-up menu appears in the display.
2. Press the directional key down to highlight **Erase** and press . Select **Yes** or **No** at the **ERASE ENTRY?** pop-up screen.
3. Press .

### *Deleting All Call History Entries*



1. From the home screen, press .
2. Press the right soft key  **Options**. A pop-up menu appears in the display.

3. Press the directional key down to highlight **Erase All** and press . Select **Yes** or **No** at the **ERASE ALL ENTRIES?** pop-up screen.
4. Press .

## Contacts

### Making Calls Using Contacts


Contacts are entries that you create to store names, numbers, and other information for people or groups of interest. If you've already entered information into your Contacts list, you can recall and dial the contact easily. For more information, refer to "Adding a Contact" on page 47.

1. From the home screen, press the right soft key  **Contacts**. Press the directional key up or down until the contact that you want to call is highlighted then press  **VIEW**. Details for the contact appear in the display.

---

**Note:** To quickly locate a name, press (or multi-press) any key on the keypad that corresponds to the first, second, and/or third letters of the contact's name.

---

2. If the entry contains more than one number, press the directional key up or down to highlight the desired number.
3. Press  to call the number.

## Roaming

### What is Roaming?

Your phone can roam on other compatible digital networks. Roaming occurs when you travel outside a pre-designated coverage area. The roaming icon displays when roaming is active and extra charges may apply when making or receiving calls.

---

**Note:** Some features may be unavailable while roaming.

---

### Roaming Options

The following roaming options are available:




- **Home Only** - Your phone is available for normal operation only in the designated coverage area.
- **Automatic:** The preferred roaming list is used to acquire service.

---



**Note:** Contact Verizon Wireless for information regarding preferred systems.

---



To change your Roaming option, follow these steps:

1. Using the default **Twilight** display theme, **Grid** menu layout: press  **MENU**.
2. Press the directional key right or left to highlight  **Settings & Tools** menu. Press  **Phone Settings**. Press  **System Select**.

► For **CDMA Settings**:

3. Press  **CDMA Settings**.
4. Press the directional key up or down to choose **Home Only** or **Automatic** and press .

► For **GSM Settings**:


5. Press  **GSM Settings**.
6. Press the directional key up or down to choose **Automatic** or **Manual**, and press .

## Voice Commands

Voice Commands is advanced speech recognition software that can be used to activate a wide variety of functions on your phone. Voice Commands software automatically voice activates all contacts for voice dialing and searching, no pre-recording or training needed. Speak phone numbers naturally to dial, and use voice commands to navigate phone menus.

### Voice Commands Settings

You can adjust the settings and preferences by opening Voice Commands menu. Using this menu, you can change the following Voice Command features:

1. From the home screen, press the **Voice Commands** key . The Voice Commands screen displays.

2. Press the right soft key  **Settings**. The following options appear in the display:

- **Digit Dial Readout**: Reads out the numbers pressed when dialing a phone number.
- **Menu Readout**: Reads out the menu items as you scroll through them.
- **TXT Msg Readout**: Reads out the text in a TXT message.

---

**Note:** Picture or Video messages cannot be read back to you.

---

- **Choice List**: If Voice Commands is not absolutely confident that it has correctly identified a name or number, it can display a choice list of up to three possibilities, and prompt you to confirm the correct one. You can control when choice lists appear by changing the Choice Lists setting to the following:
  - **Automatic**: Voice Commands displays a choice list when it is not confident it has identified the correct choice from among multiple alternatives.
  - **Always Off**: Voice Commands never displays a choice list. Instead, the application picks the best from among the possible choices.
- **Sensitivity**: Sensitivity controls the balance between rejecting too much, which means the phone frequently does not recognize names, numbers, or commands, and rejecting too little, which means it frequently recognizes something even if nothing was said. When Voice Commands rejects an utterance, it displays a message such as "Please repeat. . ." or "No match found." If you frequently experience these messages, you might be able to get better

recognition by selecting the Sensitivity setting Reject Less. If you frequently experience false activations (Voice Commands detects a wrong match), you might be able to get better performance by selecting the Sensitivity setting Reject More.

- **Adapt Voice:** Use the Train Voice menu to adapt digit dialing and name dialing to your voice.
- **Prompts:** Allows you to select the voice command system characteristics.
  - **Mode:** Select the voice command system mode from the following:
    - Prompts** - for handset to read out voice command prompts
    - Readout** - for handset to read out prompts, dialing digits, menus, and TXT messages (regardless of individual settings for these above)
    - Tones Only** - for handset to prompt you with a tone only
  - **Audio Playback:** Allows audio playback to play through the speakerphone or through the earpiece.
  - **Timeout:** Allows you to set the timeout interval. If not used within 5 sec or 10 sec Voice Command will timeout and return to the home screen.
- **Call Alert:** Provides audible readout of the phone number and/or name (if in your contact list) of an incoming call.
- **Key Setting:** Allows you to select the method the Voice Command menu can be accessed. Select Voice Key Only, Voice Key / Headset, Voice Key / Flip.

## Voice Commands


The following is a list of functions that you can perform using Voice Commands speech recognition on your phone.

- **Call <Name or #>:** Dial by saying a Name in your Contacts List, a Name and a Location (home, work, mobile) or the phone number.
- **Send <Msg Type>:** Send a text, picture, or video message to a number or to someone in your Contacts List.
- **Goto <Menu>:** Open any application installed on your device.
- **Check <Item>:** Provides details of your phone status, voicemail, messages, missed calls, time, signal strength, battery level, and volume level.
- **Contacts <Name>:** Open the contact record for any name in your Contacts List.
- **Play <Playlist name>:** Opens a music playlist.
- **My Verizon:** Provides information about your Verizon Wireless account.
- **Help:** Provides a helpful tutorial on how to use Voice Commands.

## Call <Name or #>

### Call Digit Dialing

Digit Dial allows you to dial any phone number by simply speaking the digits into the phone. No training is necessary, and Digit Dial is programmed to understand natural speech.


1. From the home screen, press the **Voice Commands** key .
2. After a brief pause, a list of optional commands appears in the display and the audio prompt "Please say a command" plays through the earpiece or speakerphone.
3. Say "Call" at a distance of 3-12 inches from the phone in a natural voice.
4. "Please say the name, number, voice mail or last number" plays through the earpiece or speakerphone.
5. Say the area code and number that you want to dial into the microphone, clearly and naturally.
6. The number that you said is repeated through the speaker and your phone dials the number.
7. If Voice Commands is not sure of the number that you said, a list of possible matches appears in the display.

8. You're asked to confirm the correct number as Voice Commands displays the results.

- Say "**Yes**" to confirm the number.
- Say "**No**" to reject the number.
- Say "**Exit**" to exit the Voice Command.
- Say "**Repeat**" to have the selected number read one more time.

### Call Name Dialing

To use Name Dial, you'll need to have entries stored in your Contacts list. See page 47 for information on creating a Contacts list.

1. From the home screen, press the **Voice Commands** key .
2. After a brief pause, a list of optional commands appears in the display and the audio prompt "Please say a command" plays through the earpiece or speakerphone.
3. Say "Call" at a distance of 3-12 inches from the phone in a natural voice.
4. "Please say the name, number, voice mail or last number" plays through the earpiece or speakerphone.
5. To use Name Dialing, say the name of the contact that you want to dial.

6. The name that you said is repeated through the speaker and your phone dials the number.
7. If Voice Commands is not sure of the number that you said, a list of possible matches appears in the display.
8. You're asked to confirm the correct number as Voice Commands displays the results.
  - Say "**Yes**" to confirm the number.
  - Say "**No**" to reject the number.
  - Say "**Exit**" to exit the Voice Command.
  - Say "**Repeat**" to have the selected number read one more time.

---


**Note:** In case various number are displayed , "**Which Number?**" will display in the **Listening** menu option.

---

9. The location is repeated through the speaker and your phone dials the number.

## **Send <Msg Type>**

### **Send Text**

1. From the home screen, press the **Voice Commands** key .
2. A list of commands appears in the display and the audio prompt "Please say a command" plays through the earpiece or speakerphone.
3. Say "Send Text" at a distance of 3-12 inches from the microphone. "Please say the name or number" plays through the earpiece or speakerphone.
4. Say the name exactly as it is displayed in your Contacts list, first name followed by last name or the phone number of the recipient.

---


**Note:** In case various number are displayed , "**Which Number?**" will display in the **Listening** menu option.

---

5. The contact name appears in the To: field. For more information, refer to "*Creating and Sending Text Messages*" on page 60.

## Send Picture

Send Picture allows you to access the Picture Messaging menu. You can use entries stored in My Pictures or you can take a picture of an image using the camera.

1. From the home screen, press the **Voice Commands** key .
2. A list of commands appears in the display and the audio prompt "Please say a command" plays through the earpiece or speakerphone.
3. Say "Send Picture" at a distance of 3-12 inches from the microphone. "Please say the name or number" plays through the earpiece or speakerphone.
4. Say the name exactly as it is displayed in your Contacts list, first name followed by last name.

---


**Note:** In case various number are displayed , "Which Number?" will display in the **Listening** menu option.

---

5. The contact name appears in the To: field. For more information, refer to "*Creating and Sending Picture Messages*" on page 62.

## Send Video

Send Video allows you to access Video message, you can use entries stored in My Videos or you can record a video using the camcorder.

1. From the home screen, press the **Voice Commands** key .
2. A list of commands appears in the display and the audio prompt "Please Say a Command" plays through the earpiece or speakerphone.
3. Say "Send Video" at a distance of 3-12 inches from the microphone. "Please say the name or number" plays through the earpiece or speakerphone.
4. Say the name exactly as it is displayed in your Contacts list, first name followed by last name.

---

**Note:** In case various number are displayed , "Which Number?" will display in the **Listening** menu option.

---


5. The contact name appears in the To: field. For more information, refer to "*Creating and Sending Video Messages*" on page 63.

## Goto <Menu>

The “Go To” command allows you to access a menu within the phone (for example, “Go to Contacts”). If no menu option is stated, a list of options will be provided.

## Opening Menus and Applications

To navigate menu items on your phone or to open select applications using Voice Commands, perform the following:

1. From the home screen, press the **Voice Commands** key .
2. A list of commands appears in the display and the audio prompt “Please say a command” plays through the earpiece or speakerphone.
3. To begin navigation of menu items, say “Go To” at a distance of 3-12 inches from the microphone. The menu list displays and a prompt of “Please choose” plays through the earpiece or speakerphone.
4. Select one of the following menus or applications:  
**Contacts, Recent Calls, Messaging, Media Center, Settings & Tools, Mobile Web, V CAST Videos or My Music.**
5. The option spoken opens.


## Check <Item>

### Checking Phone Status

---

**Note:** **Checking Phone Status** can be accessed with the phone flip in either the closed or open position.

---

1. From the home screen, press the **Voice Commands** key .
2. A list of commands appears in the display and the audio prompt “Please say a command” plays through the earpiece or speakerphone.
3. Say “Check” at a distance of 3-12 inches from the microphone. “Please choose” plays through the earpiece or speakerphone. Valid “Check” commands are:
  - **“Status”**: Displays and announces all of the available status indicators in sequence through the earpiece or speakerphone—if it is enabled.
  - **“Voicemail”**: Displays the number of new voicemail messages.
  - **“Messages”**: Displays and announces the number of new voicemail, TXT, and Picture messages through the earpiece or speakerphone—if it is enabled.
  - **“Missed Calls”**: Displays the missed call log.

- **"Time"**: Displays and announces the current time through the earpiece or speakerphone—if it is enabled.
  - **"Signal Strength"**: Displays and announces the current EVDO and 1x signal strength levels through the earpiece or speakerphone—if it is enabled.
  - **"Battery"**: Displays and announces the current battery level through the earpiece or speakerphone—if it is enabled.
  - **"Volume"**: Displays and announces the current master volume setting through the earpiece or speakerphone—if it is enabled.
4. The option spoken opens.

## Contacts <Name>


### Name Lookup

---

**Note:** Name Lookup can be accessed with the phone flip in either the closed or open position.


---

For name lookup, you must have entries in your Contacts list.

1. From the home screen, press the **Voice Commands** key . A list of commands appears in the display and the audio prompt "Please say a command" plays through the earpiece or speakerphone.

2. Say "Contacts <name>" at a distance of 3-12 inches from the microphone. Say the contact name exactly as it is displayed in your Contacts list, first name followed by last name. The contact name appears in the display with other information that you've entered for that contact.
3. After verifying that the contact name is correct, any phone numbers associated with that contact will be read back to you. You will then be asked "Do you want to call, create new, modify, erase a contact?"
4. At this point, to call, create new, modify or erase a contact, use the following steps:
  - To call a contact, say "Call". The phone number highlighted on your display will be called.

---

**Note:** To call another number other than the default number highlighted, scroll to the desired phone number and press .


---

- To create a new contact, say "Create New". "Say the number" will be asked. Follow the instructions when prompted.
- To modify a contact, say "Modify". "What would you like to modify?" will be asked followed by a list of existing phone number types for that contact. Say what you would like modified. After the selected modification is finished, "Contact updated" will be announced.

- To erase a contact, say "Erase". The contact highlighted on your display will be erased if confirmed. "Erase contact?" will be asked. Say "Yes" to erase the contact or "No" to cancel.

### **Play** <Playlist name>

#### **Play**

1. From the home screen, press **Voice Commands** key .
2. A list of commands appears in the display and the audio prompt "Please say a command" plays through the earpiece or speakerphone.
  - Say "Play" or "My Music" at a distance of 3-12 inches from the microphone. The Music Library displays.
  - Say "Play All" or "Play All Songs" at a distance of 3-12 inches from the microphone to play all songs on your device.
  - Say the "Play <playlist name>" at a distance of 3-12 inches from the microphone.

---

**Note:** The playlist name must be spoken exactly as saved in My Music library.

---

3. "Please Choose" plays through the earpiece or speakerphone.

4. Say "All Songs" to play all songs on your handset, say a playlist name to play that playlist, or say "My Music" to access the Music Library.

### **My Verizon**

Check your Verizon Wireless account status by voice command.


---

**Note:** This feature launches the browser to your account page and requires a data plan and is subject to Verizon Wireless data coverage.

---

### **Help**

Provides helpful information on how to use Voice Commands.

1. From the home screen, press the **Voice Commands** key .
2. A list of commands appears in the display and the audio prompt "Please say a command" plays through the earpiece or speakerphone.
3. Say, "Help" at a distance of 3-12 inches from the phone in a natural voice. The tutorial appears in the display.

## Section 4: Menu Navigation

---

This section explains the menu navigation for your phone. An outline of the available menus of your phone is included.






### Menu Navigation

Access menus using the  Directional key, soft keys  , or use a shortcut.





Your Renown™ comes with the **Twilight** display theme as the default display theme. You may change the display theme to the **Slick Black** theme. For more information about choosing **Slick Black** display theme, see “*Display Themes*” on page 89.

The **Twilight** display theme has the **Grid** main menu layout as the default setting. You can change the main menu layout to **Tab** or **List**. For more information about choosing main menu layouts, see “*Main Menu Settings*” on page 90.


To access menus using **Grid** or **List** main menu layouts, use the following steps:

1. From the home screen, press  **MENU**.
2. Press the  Directional key up or down to highlight the desired menu and then press .
3. Press the  Directional key up or down to highlight the desired sub-menu and then press .


To access menus using the **Tab** main menu layout, use the following steps:

1. From the home screen, press  **MENU**.
2. Press the  Directional key left or right to highlight a menu.
3. When the desired menu is highlighted, press the  Directional key up or down to highlight a sub-menu and press .

### Return to the Previous Menu









Press  to return to the previous menu.

## Menu Number Accelerators






You can also access menus and sub-menus faster and with fewer key presses using menu number accelerators. To access a menu or sub-menu quickly, press  **MENU**, then enter the menu and/or sub-menu number(s) for the feature desired.

See the following examples for standard menu navigation and number accelerators using the default **Twilight** display theme, **Grid** main menu layout.

Example using **standard menu navigation**:

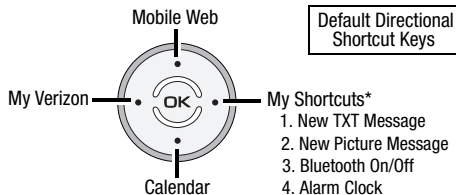
1. From the home screen, press  **MENU**. Press the  Directional key to highlight  **Contacts** and then press .
2. Press the  Directional key down to highlight **Groups** and then press  **OK**.
3. Press the  Directional key down to highlight **Family** and then press  **VIEW**.

Example using **number accelerators**:

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Contacts**. Press  **Groups**,  **Family** to access the Family sub-menu.

## Directional Key Shortcuts


From the home screen, press a  Directional key to launch its corresponding application. For more information on personalizing directional shortcut keys, see “*Set Shortcuts*” on page 93.



\*Press the directional key to select a menu item.

## Menu Outline

The following list shows the menu structure and indicates the accelerator number assigned to each option.

-  **Contacts**
  - 1: New Contact
  - 2: Contact List
  - 3: Groups
    - 1: No Group
    - 2: Business
    - 3: Colleague

- 4: Family
- 5: Friends
- 4: Speed Dials
- 5: In Case of Emergency
- 6: My Name Card



## **Messaging**

- 1: New Message
  - 1: TXT Message
  - 2: Picture Message
  - 3: Video Message
  - 4: Voice Message
- 2: Inbox
- 3: Sent
- 4: Drafts
- 5: Voicemail
- 6: Visual Voice Mail
- 7: Mobile IM
- 8: Email
- 9: Chat



## **Recent Calls**

- 1: Missed
- 2: Received

- 3: Dialed
- 4: All
- 5: View Timers



## **Calculator**



## **Media Center**

- 1: Music & Tones
  - 1: V CAST Music | Rhapsody
  - 2: Get New Ringtones
    - 1: Get New Applications
  - 3: My Ringtones
    - 1: Get New Ringtones
  - 4: My Music
  - 5: My Sounds
    - 1: Record New
  - 6: Sync Music
- 2: Picture & Video
  - 1: V CAST Videos
  - 2: Get New Pictures
    - 1: Get New Applications
  - 3: My Pictures
  - 4: My Videos
  - 5: Take Picture
  - 6: Record Video

- 7: Online Album
- 3: Games
  - 1: Get New Applications
- 4: Mobile Web
- 5: Browse & Download
  - 1: Get New Applications
- 6: Extras
  - 1: Get New Applications



## **Email**



## **Mobile IM**



## **VZ Navigator**



## **Settings & Tools**

- 1: My Verizon
- 2: Tools
  - 1: Voice Commands
  - 2: Calculator
    - 1: Normal
    - 2: Tip
    - 3: Converter
  - 3: Calendar
  - 4: Alarm Clock
  - 5: Stop Watch

- 6: World Clock
- 7: Notepad
- 3: Bluetooth Menu
  - 1: Add New Device
- 4: Sounds Settings
  - 1: Call Sounds
    - 1: Call Ringtone
      - 1: Get New Ringtones
    - 2: Call Vibrate
  - 2: Alert Sounds
    - 1: TXT Message
      - 1: Tone
        - 1: Get New Ringtones
      - 2: Vibrate
      - 3: Reminder
    - 2: Multimedia Message
      - 1: Tone
        - 1: Get New Ringtones
      - 2: Vibrate
      - 3: Reminder
    - 3: Voicemail
      - 1: Tone
        - 1: Get New Ringtones
      - 2: Vibrate
      - 3: Reminder

- 4: Emergency Tone
- 5: Device Connect
- 3: Keypad Sounds
- 4: Keypad Volume
- 5: Service Alerts
  - 1: ERI
  - 2: Minute Beep
  - 3: Call Connect
- 6: Power On/Off
  - 1: Power On
  - 2: Power Off
- 5: Display Settings
  - 1: Banner
    - 1: Personal Banner
    - 2: ERI Banner
  - 2: Backlight
    - 1: Display
      - 1: Duration
      - 2: Brightness
    - 2: Keypad
  - 3: Wallpaper
    - 1: Main Screen
      - 1: My Pictures
      - 2: My Videos
    - 2: Front Screen

- 4: Display Themes
- 5: Main Menu Settings
- 6: Menu Font Size
- 7: Dial Fonts
  - 1: Style
  - 2: Size
- 8: Clock Format
  - 1: Main Clock
  - 2: Front Clock
- 6: Phone Settings
  - 1: Time & Date
  - 2: Airplane Mode
  - 3: Network Mode
  - 4: Set Shortcuts
    - 1: Set My Shortcuts
    - 2: Set Directional Keys
  - 5: Voice Command Settings
    - 1: Digit Dial Readout
    - 2: Menu Readout
    - 3: TXT Msg Readout
    - 4: Choice List
    - 5: Sensitivity
    - 6: Adapt Voice
    - 7: Prompts
    - 8: Call Alert

- 9: Key Setting
- 6: Language
- 7: Location
- 8: Current Country
- 9: Phone Security
- 0: SIM Security
- \*: System Select
  - 1: CDMA Settings
  - 2: GSM Settings
- #: NAM Select
  - 1: NAM Select
  - 2: Auto NAM Select
- :Quick Search

## 7: Call Settings

- 1: Answer Options
- 2: Auto Retry
- 3: TTY Mode
- 4: One Touch Dial
- 5: Voice Privacy
- 6: Data Settings
- 7: DTMF Tones
- 8: Assisted Dialing

## 8: Memory

- 1: Save Options
  - 1: Pictures

- 2: Videos
- 3: Sounds
- 2: Phone Memory
  - 1: Phone Memory Usage
  - 2: My Pictures
  - 3: My Videos
  - 4: My Ringtones
  - 5: My Music
  - 6: My Sounds
- 3: Card Memory\*
  - 1: Card Memory Usage
  - 2: My Pictures
  - 3: My Videos
  - 4: My Music
  - 5: My Sounds

## 9: Phone Info

- 1: My Number
- 2: SW/HW Version
- 3: Icon Glossary

## 0: SIM Info


\* Card memory menu listing is available only when memory card is inserted in phone.

## Section 5: Entering Text

---

This section outlines how to select the desired text input mode when entering characters into your phone. This section also describes how to use Word text entry system to reduce the amount of key strokes associated with entering text.

### Changing the Text Entry Mode

1. While composing a message, press left soft key  **Abc** to display a pop-up menu with the following Text Entry Mode options:
  - Word
  - Abc
  - ABC
  - 123
  - Symbols
  - Domain Extensions\*
  - Quick Text\*\*

---








**Note:** \*The Domain Extensions option is only available when the To field is highlighted. Use the Shortcuts option to quickly enter @, .com, .net, or .edu to an Email address.

\*\*The Quick Text option is only available when entering the body of the message. Use the Quick Text option to quickly enter a message.

---

### Entering Text Using Word Mode

**Word** recognizes the most commonly used word for any sequence of key presses and inserts that word into your message. It's much faster than the traditional method of text entry (Abc) and requires only one key press per letter of the word that you're spelling.

1. From the home screen, press the left soft key  **Message**, then press  **New Message**,  **TXT Message** to compose a new text message.
2. Enter the phone number or Email address of the recipient, then press the  Directional key down to move to the Text field.
3. Press the left soft key  **Abc** to display a pop-up menu containing text entry mode options.
4. **Abc** is highlighted by default. Press the  Directional key up or down to highlight **Word**, then press .

Now, for practice, enter the word “Hello” into your message by pressing each of the following keys only once:



Word recognizes that the most frequently used word for the sequence of numbers entered. The word you just entered is “HELLO.” If more than one word shares the same sequence, Word provides the most common of the two. Press to display other words in the dictionary, if available.

### Entering Upper and Lower Case

- Enter characters while in **ABC** mode by pressing the key that contains the desired characters for “G”.
- Press the key repeatedly to cycle through other available characters for that key.
- Pause briefly when the desired character appears in the display to accept the character and therefore insert it into the message.
- Press to enter a space.
- To cycle between initial caps, uppercase, and lower case for characters in **ABC** mode, briefly press .
- To cycle between initial caps, uppercase, and lower case for characters in **Word** mode, briefly press .

### Entering Symbols










Use symbol mode to enter symbols @ or % into a text message.

1. From the home screen, press the left soft key **Message**, then press **New Message**, **TXT Message** to compose a new text message.
2. Enter the phone number or Email address of the recipient, then press the Directional key down to move to the Text field.
3. Press the left soft key **Abc** to display a pop-up menu containing the text entry mode options.
4. **Abc** is highlighted by default. Press the Directional key up or down to highlight **Symbols**, then press . The first of three screens containing symbols appears in the display.
5. Press left soft key **Prev** or right soft key **Next** to page through the other symbols, if necessary.
6. Enter the key that corresponds with the symbol that you wish to enter. For example, press for an exclamation point (!) on the first page of symbols.

7. Repeat steps 3 through 6 to insert as many symbols into your message as desired.

## Entering Numbers

Enter numbers into a text message while in number mode (123). For instructions on changing text entry modes see “*Changing the Text Entry Mode*” on page 43..

1. From the home screen, press the left soft key  **Message**, then press  **New Message**,  **TXT Message** to compose a new text message.
  2. Enter the phone number or Email address of the recipient, then press the  Directional key down to move to the Text field.
  3. Press the left soft key  **Abc** to display a pop-up menu containing the text entry mode options.
  4. **Abc** is highlighted by default. Press the  Directional key up or down to highlight **123**, then press .
  5. Enter the key that corresponds with the number that you wish to enter. For example, press  for the number 4.
6. When you are finished adding numbers, press the left soft key  **123** to select a different method of text entry.





## Section 6: Understanding Your Contacts

This section allows you to manage your daily contacts by storing their name and number in your Address Book.



### Opening Contacts Menu

The Contacts menu provides access to powerful features such as adding Groups, creating and sending vCards, and viewing the phone number assigned to your phone by Verizon Wireless.

**NOTE:** The menu navigation instructions for this section uses the default **Twilight** display theme, **Grid** menu layout.

1. From the home screen, press  **MENU**. Press the  Directional key to highlight  **Contacts** and then press .

1. **New Contact:** Add a number, or Email address to your Contacts.
2. **Contact List:** Find a phone number by Name.
3. **Groups:** Add new or rename one of your five default groups.
4. **Speed Dials:** Set a speed dial for a contact.
5. **In Case of Emergency:** Add Emergency contacts.
6. **My Name Card:** Create a business card, which can then be sent to others as an attachment

2. Press the  Directional key up or down to highlight the **Contacts** menu item of your choice, then press  to select it.

### Contacts Icons

You can assign multiple entries to a contact. The icons in the following table represent all available entry types.



**Mobile 1 icon.** Enter a mobile number for the entry in this field.



**Home icon.** Enter a home number for the entry in this field.



**Work icon.** Enter the work number for the entry in this field.



**Email 1 icon.** Enter an Email address for the entry in this field.



**Group icon.** Select an available group to associate with the entry in this field.



**Picture icon.** Select an available pre-loaded image or downloaded image from Picture ID to associate with the contact.



**Ringtone icon.** Select a ringtone to associate with the entry in this field.



**Mobile 2 icon.** Enter a secondary mobile number for the entry in this field.



**Fax icon.** Enter a fax number for the entry in this field.



**Email 2 icon.** Enter a secondary Email address for the entry in this field.



**Note icon.** Enter a note for the entry in this field.

## Adding a Contact

When you add information to your Contacts, you can add it as a new entry or as an existing entry.

### Method 1

#### Creating a new Contact from the home screen

1. From the home screen, press **MENU**. Press the Directional key to highlight **Contacts** and then press .
2. Press **New Contact**.
3. Enter a name for the entry using the keypad.

4. Press the Directional key up or down to highlight the appropriate type (**Mobile, Home, Work, Email, etc.**). Once highlighted, use the keypad to enter required information.
5. Press the Directional key up or down to highlight other type fields, if desired. Enter information using the keypad.
6. To assign a **Speed Dial** location after entering the number, press the right soft key **Options**. Highlight **Set Speed Dial** and press .
7. Highlight an unassigned location and press **SET**. A confirmation message appears in the display, **Yes** is highlighted, press to add the Contact to the speed dial location.

---

**Note:** Voicemail is assigned to Speed Dial location 1.

---



---

**Note:** You can assign a speed dial location to each number associated with the contact (Home, Work, Mobile 1, Mobile 2, and Fax.).


---

8. When you're finished entering information for the entry, press **SAVE** to save the entry to your Contacts.




## Method 2

### Adding a number to a new or existing Contact from the home screen






You can add new numbers to the Contacts by simply entering the number from the home screen, then following the necessary prompts to complete the process.

1. From the home screen, enter the number to save using the keypad, then press the left soft key  **Save**.






You're prompted to select from **Add New Contact**, **Update Existing** or **Notepad**.



2. Press  to enter the number as a **Add New Contact**, press  to add the number to **Update Existing** or press  to save the entry to **Notepad**.

3. If you selected **Add New Contact**, the following types are available.

-  Mobile 1
-  Mobile 2
-  Home
-  Work
-  Fax

4. If you selected **Update Existing**, proceed to Step 9.

5. Press the  Directional key up or down to highlight the desired entry type (**mobile, home, work, etc.**) then press .
6. Enter a name for the entry using the keypad. Press the left soft key  **Abc** if you wish to select a different method of text entry, such as Word, Abc, ABC, 123, or Symbols.
7. To assign a **Speed Dial** location, highlight the number you would like to assign to a **Speed Dial** location and press the right soft key  **Options**. Highlight **Set Speed Dial** and press .

Highlight an unassigned location and press  **SET**. A confirmation message appears in the display, **Yes** is highlighted, press  to add Contact to the speed dial location.

---


**Note:** Voicemail is assigned to Speed Dial location 1.





---

---

**Note:** You can assign a speed dial location to each number associated with the contact (Home, Work, Mobile 1, Mobile 2, and Fax.).

---

8. When you're finished entering information for the entry, press  **SAVE**. The entry is saved to your Contacts.

- If you selected **Update Existing**, the Contact List opens in Search mode. Press the  Directional key up or down to browse through entries, or enter the name of the entry using the keypad. Once you've highlighted the entry you wish to update, press .
- An **UPDATE EXISTING** pop-up screen with a selection list of entry types displays. Press the  Directional key up or down to highlight the desired type then press . The number is added to the selected entry and saved to your Contacts.

### Method 3

#### Storing Numbers After a Call

Once you've finished a call, you can store the number of the caller to your Contact List.

---

**Note:** If the call was incoming and Caller ID information was unavailable, then the store option is also unavailable.




---

- After you press  to end your call, the call time, length of call and phone number appears in the display.

- Press the right soft key  **Save**. You're prompted to select **Add New Contact**, **Update Existing** or **Notepad**. Follow the on-screen prompts to designate other information.

### Adding Pauses

Calls to automated systems often require a password or account number. Instead of manually entering numbers each time, store the numbers to your Contacts along with special characters called pauses.

- From the home screen, enter the number.
- Press the right soft key  **Options** to highlight **2-Sec Pause** (A "P" appears in the display) or **Wait** (A "W" appears in the display) and press .
  - 2-Sec Pause:** A two-second pause stops the calling sequence for two seconds and then automatically sends the remaining digits.
  - Wait:** A hard pause stops the calling sequence until further input from you.
- When you're finished entering information for the entry, press  **SAVE**.
- Continue with Step 2, Method 2 for **Adding a number to a new or existing Contact from the home screen**.

---

**Note:** Entering multiple Add Pauses extends the length of a pause. For example, two consecutive Add Pauses cause a total pause time of four seconds. Keep in mind pauses count as digits towards the 48-digit maximum.

---

## Contact Groups






You can place Contact entries into categories, called “**Groups**.” Groups allow you to search your Contacts faster, quickly send messages to one or more group members, and more.



---

**Note:** By default, new entries to your Contacts are placed into the No Group unless another group is specified.








---


## View Groups

1. From the home screen, press  **MENU**. Press the  Directional key to highlight  **Contacts** and then press .
2. Press  **Groups**. The following groups appear in the display.
  - No Group
  - Business
  - Colleague
  - Family
  - Friends

3. Press the  Directional key up or down to highlight the desired group, then press  to access the group and view its contents.








## Move an Entry to Another Group

1. From the home screen, press the right soft key  **Contacts**. Press the  Directional key up or down to highlight the contact you wish to move.
2. Press the left soft key  **Edit**. Press the  Directional key up or down to scroll to the Group option.
3. Press the left soft key  **Set**. Choose from the following groups:
  - No Group
  - Business
  - Colleague
  - Family
  - Friends
4. Press the  Directional key up or down to highlight the group containing the entry that you wish to move, then press .

5. Press  **SAVE**. The selection has been saved to the designated group.

### Create a New Group

In addition to the five groups already in your phone, you can create additional groups (a maximum of 25). New group names must be within a 32-character limit.

1. From the home screen, press  **MENU**. Press the  Directional key to highlight  **Contacts** and then press .
2. Press  **Groups**. Your existing groups appear in the display.
3. Press the left soft key  **New**. A **NEW GROUP** pop-up menu displays with the “Enter Name” field highlighted.
4. Enter the Group name.
5. Press  **SAVE** to save. The Groups list now displays the new group added.











### Send a Text Message to Members of a Group

Use Send Message in the Group feature to send a message to as many as 10 members of a group at once.

---

**Note:** Text messaging availability varies when roaming off the Verizon Wireless Network.



---

1. From the home screen, press  **MENU**. Press the  Directional key to highlight  **Contacts** and then press .
2. Press  **Groups**. Your existing groups appear in the display.
3. Highlight the desired group name and press the right soft key  **Options**. Highlight **New TXT Msg** and press .
4. Press the  Directional key up or down to highlight the contacts in the group you want to send a message. Press  to place a checkmark next to each selection to send messages to.
5. Press the left soft key  **Done** after selecting up to 10 contacts.

---

**Note:** You can mark up to 10 members of a group for message distribution. If you try to mark an 11th member, you'll be notified that “MAXIMUM NUMBER OF RECIPIENTS IS 10”.

---










6. Press the  Directional key down to place the cursor in the Text field.
7. Enter the content of your message using the keypad.
8. To send the text message, press  **SEND**.







### *Send a Picture Message to Members of a Group*

---

**Note:** Only available within Verizon Wireless Enhanced Services Area.

---

1. From the home screen, press  **MENU**. Press the  Directional key to highlight  **Contacts** and then press .
2. Press  **Groups**. Your existing groups appear in the display.
3. Highlight the desired group name and press the right soft key  **Options**. Highlight **New Picture Msg** and press .
4. Use the  Directional key down to highlight the contacts in the group to which you want to send a message. Press  to place a checkmark next to each selection to send messages to.












5. Press the left soft key  **Done** after selecting up to 10 contacts.
6. Press the  Directional key up or down to move the cursor into the following entry fields:
  - **Text:** Add text to the Picture Message.
  - **Picture:** Add an picture from My Pictures gallery to the message.
    - To add a picture in the picture entry field, press the left soft key  **My Pics**. Use the  Directional key to highlight the desired picture and press .
  - **Sound:** Add sound to the Picture Message.
  - **Subject:** Add a subject to the Picture Message.
  - **Name Card:** Attach a Name Card or an entry in your Contacts to the message.
7. Once you've finished adding the desired content to your Picture Message, press  **SEND** to send the Picture Message to the intended recipients.



## Send a Video Message to Members of a Group

---

**Note:** Only available within Verizon Wireless Enhanced Services Area.

---

1. From the home screen, press  **MENU**. Press the  Directional key to highlight  **Contacts** and then press .
2. Press  **Groups**. Your existing groups appear in the display.
3. Highlight the desired group name and press the right soft key  **Options**. Highlight **New Video Msg** and press .
4. Press the  Directional key up or down to highlight the contacts in the group to which you want to send a message. Press  to place a checkmark next to each selection to send messages to.
5. Press the left soft key  **Done** after selecting up to 10 contacts.
6. Press the  Directional key down to move the cursor into the following entry fields:
  - **Text:** Add text to the Video Message.








- **Video:** Add an video from the My Videos gallery to the message.
    - To add a video in the video entry field, press the left soft key  **Done**. Use the  Directional key to highlight the desired video and then press .
  - **Subject:** Add a subject to the Video Message.
  - **Name Card:** Attach a Name Card or an entry in your Contacts to the message.
7. Once you've finished adding the desired content to your Video Message, press  **SEND** to send the Video Message to the intended recipients.










## Send a Voice Message to Members of a Group

---

**Note:** Only available within Verizon Wireless Enhanced Services Area.


---

1. From the home screen, press  **MENU**. Press the  Directional key to highlight  **Contacts** and then press .
2. Press  **Groups**. Your existing groups appear in the display.
3. Highlight the desired group name and press the right soft key  **Options**. Highlight **New Voice Msg** and press .






4. Press the  Directional key up or down to highlight the contacts in the group to which you want to send a message. Press  to place a checkmark next to each selection to send messages to.
5. Press the left soft key  **Done** after selecting up to 10 contacts.
6. Press  to start your voice message recording. Press the left soft key  **Pause** if needed, to pause the recording. Press the left soft key  **Resume** to resume the recording. Press  **Stop** to stop recording.
7. Press the  Directional key down to move the cursor into the following entry fields:
  - **Text:** Add text to the Video Message.
  - **Subject:** Add a subject to the Video Message.
  - **Name Card:** Attach a Name Card or an entry in your Contacts to the message.
8. Once you've finished adding the desired content to your Video Message, press  **SEND** to send the Video Message to the intended recipients.

## Finding a Contacts Entry

From the home screen, you can quickly open the Contacts list. Contacts is a quick way of viewing entries you've stored in the Contacts list.

1. From the home screen, press the right soft key  **Contacts**. The Contact List displays.
2. In the **Go To** field, enter the first and second letters of the name you wish to search until it is highlighted.

## Editing an Existing Contact Entry

1. From the home screen, press the right soft key  **Contacts**.
2. Press the  Directional key up or down to highlight the contact list entry and press the left soft key  **Edit**.
3. Press the  Directional key up or down to highlight the name, number, Email address, or other field that you wish to edit.
4. Press  to backspace and delete numbers, text, or symbols.

- Press and hold **CLR** to erase all numbers in the highlighted field. Use the keypad to re-enter numbers, text, or symbols.
- When you're finished editing the entry, press **OK** **SAVE**. Your changes are saved.

## Deleting a Contact Entry

- From the home screen, press the right soft key **Contacts**.
- Press the **Directional** key up or down to highlight the contact list entry and press **OK** **VIEW**.
- Press the left soft key **Erase**. A pop-up "ERASE CONTACT?" screen displays.
- Highlight **Yes** or **No**, then press **OK**.

## Speed Dialing

---

**Note:** 1-Touch, 2-Touch, and 3-Touch dialing allows you to call numbers stored in your Contact List quicker.

---

Speed dialing allows you to press and hold a key (or keys) to dial the number associated with those key(s). There are three types of speed dialing; **1-touch**, **2-touch**, and **3-touch dialing**.

---

**Note:** Memory location 001 is reserved for voicemail. Location 411: directory assistance, 611: customer service access, 911: emergency phone number.

---

### 1-touch dialing

Call phone numbers assigned to memory locations 002 - 009 by pressing and holding the any of the 2 - 9 keys. For example, to speed dial the number assigned to location 2, press and hold **2 abc** until the name and number appear in the display and the number is dialed.

### 2-touch dialing

Call phone numbers assigned to keys 010 through 099 by briefly pressing the first key, then pressing and holding the second key. For example, to speed dial the number assigned to 013, briefly press **1 @ 2**, then press and hold **3 def** until the number dials.










### 3-touch dialing

Call phone numbers assigned to memory locations 100 through 999 by briefly pressing the first and second keys, then pressing and holding the third key.

For example, to dial location number 113, briefly press **1 @ 2**, **1 @ 2** then press and hold **3 def** until the number dials.

### Assign a speed dial location



- From the home screen, press **OK** **MENU**. Press the **Directional**

- Directional key to highlight  **Contacts** and then press .
- Press  **Speed Dials**. The Speed Dials screen displays with the first available number highlighted.
  - Press the  Directional key up or down to highlight the number you wish to assign or enter the speed dial location using the keypad. Press  **SET**. The **SET SPEED DIAL** screen displays.
  - Press the  Directional key up or down to highlight the entry you want, then press .
  - At the pop-up screen, highlight **Yes** or **No** and press .
  - Continue to assign speed dial entries or press  to return to the home screen.

## My Name Card

My Name Card allows you to create a virtual business card. Once completed, you can send the card to recipients as a vCard attachment.

- From the home screen, press  **MENU**. Press the  Directional key to highlight  **Contacts** and then press .

- Press  **My Name Card**.
- My Name Card opens with the **Name** field highlighted.
- Enter information in each of the fields as desired. Press the  Directional key up or down to move between fields, then use the keypad to enter information.

---

**Note:** A check mark appears to the left of selected contacts.

---

- When finished, press  to save the Name Card.

### Sending Contact Information (vCard) to another Bluetooth enabled phone

You can send individual contacts or your entire contact list to or from another device that is Bluetooth enabled\*.

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**Note:** \*If Bluetooth is not powered on, or your Renown™ is not paired with another device see "Turning Bluetooth On or Off" on page 83..

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**Important!** Not all Bluetooth devices will accept a name card.

---


- From the home screen, press right soft key  **Contacts**.
- Highlight a contact and press right soft key  **Options**.


- Press  **Send Name Card**. The following options display:
  - TXT Message:** Allows you to send a name card via TXT Message. A name card with a picture cannot be sent in a TXT Message because it exceeds the maximum number of characters allowed.
  - Picture Message:** Allows you to send a name card via Picture Message.
  - Video Message:** Allows you to send a name card via Video Message.
  - Voice Message:** Allows you to send a name card via Voice Message.
  - Bluetooth:** Allows you to send a name card to a Bluetooth enabled device.
- Press  **Bluetooth**.
- Highlight the desired contact and press  **MARK**. To choose all contacts, press right soft key  **Mark All.\*\*** When finished, press left soft key  **Done**.
- Highlight the destination device and press .

---

**Note:** If your Renown™ is not paired already with the destination device, follow the instructions on page 83 for Bluetooth Search.

---

- Highlight **Yes** to connect to the other device and press .

- The other device will ask to connect. Press .
- "CONNECTING"** appears in the display.
- When the information is exchanged, a message will appear that the transfer is complete.









---

**Note:** \*\* All information will be transferred except for group name, ringtone, and Emergency (ICE) contact reference.

---

## Finding My Phone Number

My Number displays the ten-digit number assigned to your phone.

- From the home screen, press  **MENU**.
- Press the  Directional key to highlight the  **Settings & Tools** menu and press .
- Press  **Phone Info**.
- Press  **My Number**. MY NUMBER screen displays with **CDMA Number** and **GSM Number**.
- Press the  Directional key highlight either **CDMA** or **GSM** number and press . The mobile device, phone number, and mobile identification numbers are displayed.



---

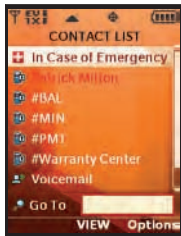
**Note:** You may need to enter your GSM phone number, assigned to the SIM card, at the initial **GSM Number** screen display. You can also edit the GSM number, if necessary, by pressing the left soft key  **Edit**.


---

## Emergency Contacts

### Adding Emergency Contacts

1. From the home screen, press the right soft key  **Contacts**.
2. **In Case of Emergency** is highlighted, press  **VIEW**.





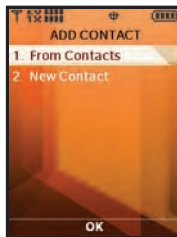
3. **Contact 1**, **Contact 2**, **Contact 3** and **Personal Info** options are shown. Highlight a contact location and press  **ADD**.

---

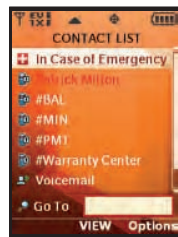
**Note:** Use the **Personal Info** option to enter information such as illnesses, allergies, and other detailed information.

---



4. Press  **From Contacts** to add an emergency number from your contacts list. Select a Contact and press .





Add Contact



Emergency Contact Added

5. Press  **New Contact** to enter a new contact as an emergency number. Enter Contact information and press  **SAVE**.
6. The Emergency Contact is added and is displayed in the Contact List in red font.




## Unassign an Emergency Contact

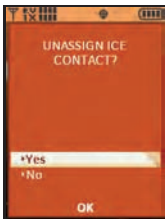
1. From the home screen, press the right soft key  **Contacts**. Press the  Directional key to highlight the Emergency Contact you want to unassign.

---

**Note:** Emergency contacts are displayed in red font.

---

2. Press the right soft key  **Options**.
3. Press  **Unassign ICE Contact**. The “UNASSIGN ICE CONTACT?” confirmation screen appears in the display.
4. **Yes** is highlighted, press  to confirm or highlight **No** and press  to return to your contact list.



Unassign ICE Contact

## Section 7: Messaging

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This section allows you to send or receive different types of messages. It also includes the features and functionality associated with messaging.


### Types of Messages






Your phone is capable of sending Email, text, picture and video messages. Send Email, Mobile Instant Messages (IM), text, picture, and video messages by simply entering the Email address or the phone number of the recipient in the To: <.....> or Send To field when creating a new message.

### Retrieving New Messages

While text messages from other phones are delivered directly to your phone, Picture and Video messages and Email will be stored in the Inbox of the message server and the server will alert you to new messages. Therefore you need to retrieve new messages to your phone and read them on the phone.

### Retrieving a Text Message

When you receive a message the message ringer sounds, (unless turned off), and New Text Message appears in the display along with the closed envelope icon . The date and time of the message also appear in the display.

1. Press  to **View now** or highlight **View later** and press . The message is saved to your Inbox where you can view it later.
2. With the message open, press the right soft key  **Options** to Forward, Reply w. Copy, Save Quick Text, Lock, Add To Contacts, Messaging Font Size, Extract Addresses and Message Info. Press the left soft key  **Erase** to erase the message.
3. With the message open, press  **REPLY** to return a message to the sender.

### Creating and Sending Text Messages


You can send text messages to another mobile phone or to an Email address.




---

**Note:** The Samsung Renown requires a SIM card in order to send Text Messages outside of the U.S. (in GSM networks).

---

**NOTE:** The menu navigation instructions for this section uses the default **Twilight** display theme, **Grid** menu layout.

1. From the home screen, press  **MENU**.






Press the  Directional key to highlight  **Messaging** and then press .

2. Press  **New Message**.


---

**Note:** You can also access **Messaging** menu by pressing the left soft key










- 
3. Press  **TEXT Message** to compose a new text message.
  4. Enter the phone number or Email address of the recipient. At any point while entering your recipient(s) phone number or Email address, press the left soft key  **123** or the right soft key  **Add** soft keys to display additional options.
    - ▶ Press the left soft key  **123** to change Text Entry Mode. Choose Word, Abc, ABC, 123, Symbols and Domain Extensions modes of text entry.
    - ▶ Press the right soft key  **Add** to add a recipient From Contacts, Recent Calls, Groups or To Contacts.

---

**Note:** If you do not select an option press the  to return to your message.


---

5. Press the  key to move to the Text field. In the text field, compose your message using the keypad. At any point while composing a message, press the left soft key  **Abc** or the right soft key  **Options** soft keys to display additional options.




- ▶ Press the left soft key  **Abc** to change Text Entry Mode. Choose Word, Abc, ABC, 123, Symbols and Quick Text modes of text entry.
- ▶ Press the right soft key  **Options** to display a pop-up menu with the options listed:
  - **Save As Draft:** Save the message to your Draft folder.
  - **Add:** Select this option to display the following sub-menus:
    - **Quick Text:** Choose from up to 15 pre-loaded messages. You can add 15 additional messages by pressing the right soft key  **Options** then press **New**. You can erase Quick Text messages by pressing the left soft key  **Erase**.
    - **Graphic:** Lists preloaded and downloaded graphics.
    - **Animation:** Lists preloaded and downloaded animations.
    - **Sound:** Lists preloaded and downloaded sounds.
    - **Name Card:** Attach My Name Card information or information from one of your Contacts.
  - **Edit Text Format:** Allows you to edit the text size, alignment, style, color, and background color.

- **Priority Level:** Save the message with a High or Normal priority.
- **Callback #:** Provides the ability to send a callback # with the message.
- **Enh. Delivery Ack:** Displays a pop-up screen notifying the message sent has been received.
- **Cancel Message:** Cancels the message and allows you to save it in the Drafts folder.

---

**Note:** If you do not select an option press the  to return to your message.

---

6. Press the  Directional key to highlight an option. Press  to perform the function for the option, or to enter its sub-menu.
7. To send the message, press  **SEND**.




## Creating and Sending Picture Messages


---





**Note:** Only available within Verizon Wireless Enhanced Services Area. This service is not available when roaming internationally.



---

Picture Message combines text, picture, and sound creating an intuitive message. This is also known as Multimedia Messaging (MMS).


1. From the home screen, press  **MENU**.  
Press the  Directional key to highlight the 

**Messaging** menu and then press .




2. Press  **New Message**.
3. Press  **Picture Message**.
4. Enter the phone number or Email address of the recipient. At any point while entering your recipient(s) phone number or Email address, press the left soft key  **123** or the right soft key  **Add** soft keys for additional options.





- ▶ Press the left soft key  **123** to change Text Entry Mode. Choose Word, Abc, ABC, 123, Symbols and Domain Extensions modes of text entry.
- ▶ Press the right soft key  **Add** to add a recipient From Contacts, Recent Calls, Groups, To Online Album or To Contacts.

---

**Note:** If you do not select an option press the  to return to your message.





---


5. Press the  key to move to the **Text** field. In the text field, compose your message using the keypad. At any point while composing a message, press the left soft key  **Abc** or the right soft key  **Options** soft keys to display additional options.







- ▶ Press the left soft key  **Abc** to change Text Entry Mode. Choose Word, Abc, ABC,123, Symbols and Quick Text modes of text entry.
- ▶ Press the right soft key  **Options** to display a pop-up menu with the options listed:
- **Preview:** Shows the message before it is sent.
  - **Save As Draft:** Save the message to your Draft folder.
  - **Add Quick Text:** Choose from up to 15 pre-loaded messages. You can add 15 additional messages by pressing the right soft key  **Options** the press **New**. You can erase Quick Text messages by pressing the left soft key  **Erase**.
  - **Priority Level:** Save the message with a High or Normal priority.
  - **Cancel Message:** Cancels the message and allows you to save it in the Drafts folder.

---

**Note:** If you do not select an option press the  to return to your message.

6. Press the  Directional key down to highlight the **Picture** field. Press the left soft key  **My Pics** to add a picture, and follow the prompts. Press  to attach the highlighted image.
7. Highlight the **Sound** field. Press the left soft key  **Sounds** to select a sound.

Highlight the desired sound or highlight **Record New** to record a sound and press .

8. Highlight the **Subject** field. In the Subject field, compose your message using the keypad. Press the left soft key  **Abc** to change entry mode. Press the right soft key  **Options** to **Add Quick Text**. Highlight the desired Quick Text phrase, and press .
9. Highlight the **Name Card** field. Press the left soft key  **Add** to select **Name Card** or an entry from your **Contacts** list. Follow the prompts and press  to insert.
10. Once all fields are complete, press  to send the message to the intended recipient(s).





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



## Creating and Sending Video Messages



**Note:** Only available within Verizon Wireless Enhanced Services Area. This service is not available when roaming internationally.

---

Video Message combines text, and video creating an intuitive message. This is also known as Multimedia Messaging (MMS).

1. From the home screen, press  **MENU**. Press the  Directional key to highlight  **Messaging** and then press .




2. Press  **New Message**.
3. Press  **Video Message**.
4. Enter the phone number or Email address of the recipient. At any point while entering recipient(s) phone number or Email address, press the left soft key  **123** or the right soft key  **Add** soft keys to display additional options.





- ▶ Press the left soft key  **123** to change Text Entry Mode. Choose Word, Abc, ABC, 123, Symbols and Domain Extensions modes of text entry.
- ▶ Press the right soft key  **Add** to add a recipient From Contacts, Recent Calls, Groups, To Online Album or To Contacts.

---


**Note:** If you do not select an option press the  to return to your message.

---

5. Press the  key to move to the **Text** field. In the text field, compose your message using the keypad. At any point while composing a message, press the left soft key  **Abc** or the right soft key  **Options** soft keys to display additional options.







- ▶ Press the left soft key  **Abc** to change Text Entry Mode. Choose Word, Abc, ABC, 123, Symbols and Quick Text modes.
- ▶ Press the right soft key  **Options** to display a pop-up menu with the options listed:
  - **Preview:** Shows the message before it is sent.
  - **Save As Draft:** Save the message to your Draft folder.
  - **Add Quick Text:** Choose from up to 15 pre-loaded messages. You can add 15 additional messages by pressing the right soft key  **Options** and then press **New**. You can erase Quick Text messages by pressing the left soft key  **Erase**.
  - **Priority Level:** Save the message with a High or Normal priority.
  - **Cancel Message:** Cancels the message and allows you to save it in the Drafts folder.

---

**Note:** If you do not select an option press the  to return to your message.







---










6. Press the  Directional key down to highlight the **Video** field. Press the left soft key  **Videos** to add a video, and follow the prompts. Press  to attach the highlighted video.










7. Highlight the **Subject** field. In the Subject field, compose your message using the keypad. Press the left soft key  **ABC** to change entry mode. Press the right soft key  **Options** to **Add Quick Text**. Highlight the desired Quick Text phrase, and press .
8. Highlight the Name Card field.
9. To add Name Card, press the left soft key  **Add** to select **My Name Card** or an entry from your **Contacts** list. Follow the prompts and press  to insert.
10. Once all fields are complete, press  to send the message to the intended recipient(s).








## Creating and Sending Voice Messages

You can send voice messages to another mobile phone or to an Email address.

1. From the home screen, press  **MENU**. Press the  Directional key to highlight  **Messaging** and then press .
2. Press  **New Message**.
3. Press  **Voice Message**.

4. Press  to start recording. Press the left soft key  **Pause** if needed. After completing your recording, press  **STOP** to end the recording.
5. At the **NEW VOICE MESSAGE** screen, enter the phone number or Email address of the recipient. At any point while entering your recipient(s) phone number or Email address, press the left soft key  **123** or the right soft key  **Add** soft keys for additional options.
  - ▶ Press the left soft key  **123** to change Text Mode. Choose Word, Abc, ABC, 123, Symbols or Domain Extensions modes of text entry.
  - ▶ Press the right soft key  **Add** to add a recipient From Contacts, Recent Calls, Groups, To Online Album or To Contacts.
6. Press the  key to move to the **Voice** field. Your voice recording is shown. Press the right soft key  **Options** to display a pop-up menu with the options listed:
  - **Review**: Plays the voice recording.
  - **Save As Draft**: Save the message to your Draft folder.
  - **Priority Level**: Save the message with a High or Normal priority.

- **Remove Recording:** Removes the voice recording.
  - **Cancel Message:** Cancels the message and allows you to save it in the Drafts folder.
7. Press the left soft key  **Record** to re-record a new voice recording, if needed.
  8. Press the  Directional key down to highlight the **Text** field. In the text field, compose your message using the keypad. At any point while in the text field, press the left soft key  **Abc** or the right soft key  **Options** soft keys to display additional options.
    - ▶ Press the left soft key  **Abc** to change Text Mode. Choose: Word, Abc, ABC, 123, Symbols or Quick Text modes of text entry.
    - ▶ Press the right soft key  **Options** to display a pop-up menu with the options listed:
      - **Review:** Shows the message before it is sent.
      - **Save As Draft:** Save the message to your Draft folder.
      - **Add Quick Text:** Choose from up to 15 pre-loaded messages. You can add 15 additional messages by pressing the right soft key  **Options** then press **1. New**. Enter your new quick text and press  **SAVE**. You can erase Quick Text messages by pressing the left soft key  **Erase**.

- **Priority Level:** Save the message with a High or Normal priority.
  - **Cancel Message:** Cancels the message and allows you to save it in the Drafts folder.
9. Press the  Directional key down to highlight the **Subject** field. In the Subject field, compose your message using the keypad. Press the left soft key  **Abc** to change entry mode. Press the right soft key  **Options** to **Add Quick Text**. Highlight the desired Quick Text phrase, and press .
  10. Press the  Directional key down to highlight the **Name Card** field. Press the left soft key  **Add** to select **My Name Card** or an entry from your **Contacts** list. Follow the prompts and press  to insert.

Once all fields are complete, press  **SEND**.




## Receiving Picture Messages

When you receive a new Picture Message, your phone will sound and the screen will display **View Now** and **View Later**. For the following steps, choose **View Now**.

---

**Note:** For the option **Reject** to appear in the display when you receive a Picture Message, Pic-Video Auto Receive mode must be set to **Off** in the Message Settings menu. The default Pic-Video Auto Receive value is set to **On**.

---



1. When you choose **View Now**, the image (and text if any) contained in the Picture Message appears in the display.
2. Press the  Directional key up or down to scroll through the message or view the entire picture if necessary.
3. Press the left soft key  **Mute/Unmute** (while an attached sound byte is playing), or the right soft key 

**Options.** The following options may appear in the display:

- **Play Again:** Replays the sound byte attached to a Picture Message.
- **Forward:** Forward the message to another recipient.
- **Erase:** Deletes the message. Only displays in menu when a sound byte isn't attached to the message that was sent.
- **Save Picture:** Saves the picture in a Picture message to My Pictures.
- **Save As Ringtone:** Saves the sound byte received with the message as a ringtone.
- **Save Sound:** Saves the sound received with the message.
- **Save Quick Text:** Saves the text received in the message to the Quick Text list.

- **Save Name Card:** Saves the attached name card to your Contact List.
- **Lock/Unlock:** Locks or unlocks the entry to prevent accidental deletion.
- **Add To Contacts:** Save the number of the sender to your Contacts as a new entry or add to an existing entry.
- **Messaging Font Size:** Allows you to select the font size of the message being viewed. Select Normal or Large.
- **Message Info:** Provides the following information: From and Callback #, Priority, Message Type, Size and Attachment(s) name and size.

---

**Note:** When viewing a Picture message, you can view the previous message by pressing the  Directional key left. You can also view the next message by pressing the  Directional key right.

---




## Receiving Video Messages

When you receive a new Video Message, your phone will sound and the screen will display **View Now** and **View Later**. For the following steps, choose **View Now**.

---



**Note:** For the option **Reject** to appear in the display when you receive a Video Message, Multimedia Auto Receive mode must be set to **Off** in the Message Settings menu. The default Pic-Video Auto Receive value is set to **On**.

---

1. When you choose **View Now**, the image (and text if any) contained in the Video Message appears in the display.
2. Press  **PLAY** to play the video.
3. Press the  Directional key up or down to scroll through the message.
4. Press the left soft key  **Erase** to erase the message or the right soft key  **Options**. The following options may appear in the display:
  - **Reply:** Replies to the received message.
  - **Forward:** Forward the message to another recipient.
  - **Erase:** Erases the video.
  - **Save Picture:** Saves an image of the video in a Video message to My Videos.
  - **Save As Ringtone:** Saves the sound byte received with the message as a ringtone.
  - **Save Sound:** Saves the sound byte received with the message in My Sounds.
  - **Save Quick Text:** Saves the text received in the message to the Quick Text list.
  - **Save Name Card:** Saves the attached name card to your Contact List.

- **Lock/Unlock:** Locks or unlocks the entry to prevent accidental deletion.
- **Add To Contacts:** Save the number of the sender to your Contacts as a new entry or add to an existing entry.
- **Messaging Font Size:** Allows you to select the font size of the message being viewed. Select Normal or Large.
- **Message Info:** Provides the following information: From and Callback #, Priority, Message Type, Size and Attachment(s) name and size.

---

**Note:** When viewing a Video message, you can view the previous message by pressing the  Directional key left. You can also view the next message by pressing the  Directional key right.

---

## Receiving Voice Messages




When you receive a new Voice Message, your phone will sound and the screen will display **View Now** and **View Later**. For the following steps, choose **View Now**.

---

**Note:** For the option Reject to appear in the display when you receive a Voice Message, Multimedia Auto Receive mode must be set to Off in the Message Settings menu. The default Multimedia Auto Receive value is set to On.

---

1. When you choose **View Now**, the recording (and text if any) contained in the Voice Message appears in the display.



2. Press the  Directional key up or down to scroll through the message or view the entire picture if necessary.
3. Press the left soft key  **Mute/Unmute** (while an attached sound byte is playing), or the right soft key 

**Options.** The following options may appear in the display:

- **Play Again:** Replays the sound byte attached to a Picture Message.
- **Forward:** Forward the message to another recipient.
- **Erase:** Deletes the message. Only displays in menu when a sound byte isn't attached to the message that was sent.
- **Save As Ringtone:** Saves the sound byte received with the message as a ringtone.
- **Save Sound:** Saves the sound received with the message.
- **Save Quick Text:** Saves the text received in the message to the Quick Text list.
- **Save Name Card:** Saves the attached name card to your Contact List.
- **Lock/Unlock:** Locks or unlocks the entry to prevent accidental deletion.
- **Add To Contacts:** Save the number of the sender to your Contacts as a new entry or add to an existing entry.
- **Messaging Font Size:** Allows you to select the font size of the message being viewed. Select Normal or Large.

- **Message Info:** Provides the following information: From and Callback #, Priority, Message Type, Size and Attachment(s) name and size.



---

**Note:** When viewing a Voice message, you can view the previous message by pressing the  Directional key left. You can also view the next message by pressing the  Directional key right.

---

With the message open, press  **REPLY** to return a message to the sender.


### Receive Messages While in a Call

1. When you receive a message while in a call, the **NEW MESSAGE** dialog box appears in the display. Press  to **View Now** or highlight **View Later** and press .






---

**Note:** Text messages can only be viewed during a call. Multimedia messages can not be downloaded during a call.

---

2. You can view a text message without disconnecting your call by pressing the right soft key  **Options** and then select **Messaging**.
3. Press  **Inbox**, highlight the message you want to view and press  **OPEN** to view the message.

## View a Multimedia Message Later

1. When you receive a new Multimedia message you would like to view later, highlight **View Later** and press .
2. To view the message, press the left soft key   
**Message.**
3. Press  **Inbox.**
4. Highlight the unopened message, then press  **OPEN.**  
The **INBOX** screen appears first with information about the message. Press  **DOWNLOAD** to view Multimedia message.

## Message Folders

Your phone provides default message folders for your Text and Multimedia messages.

---

**Note:** To quickly view all messages in the Inbox, Sent, or Drafts folders, open one message and then press the  Directional key right. To view the next message or press the  Directional key left to view the previous message.

---

### Inbox

Received messages of all types are stored in the Inbox folder.

1. From the  **Messaging** menu, press  **Inbox.**

2. Press the  Directional key up or down to highlight the message that you wish to view.
3. Press  **OPEN** to view contents of the highlighted message.
4. While viewing a message press the right soft key   
**Options** to display the available options. Options are dependent on the message type:
  - For Text Messages the following options may appear in the display:
    - **Forward:** Forwards the message to another recipient.
    - **Reply w. Copy:** Replies to the received message with a text message and allows you to send a copy of the message to another contact.
    - **Save Quick Text:** Saves the text received in the message to the Quick Text list.
    - **Lock/Unlock:** Locks or unlocks the entry to prevent accidental deletion.
    - **Add to contacts:** Saves the number of the sender to your Contacts as a new entry or add to an existing entry.
    - **Messaging Font Size:** Allows you to select the font size of the message being viewed. Select Normal or Large.
    - **Extract Addresses:** Displays all Contact Numbers, Email Addresses and URLs extracted from the opened message. Press left soft key  **Save** to save the number to your contacts or press  to call the sender.



- **Message Info:** Provides the following information: From (also provides the date and time the message was received), Callback #, Priority, Message Type, Size and Attachments (if any).
- For Picture Messages the following options may appear in the display:
  - **Play Again:** Replays the sound byte attached to a Picture Message.
  - **Forward:** Forwards the message to another recipient.
  - **Erase:** Deletes the message. Only displays in menu when a sound byte is attached to the message that was sent.
  - **Save Picture:** Saves the picture sent in a Picture message to My Pictures.
  - **Save As Ringtone:** Saves the sound byte received with the message as a ringtone.
  - **Save Sound:** Saves the sound byte received with the message in My Sounds.
  - **Save Quick Text:** Saves the text received in the message to the Quick Text list.
  - **Save Name Card:** Saves the attached name card to your Contact List.
  - **Lock/Unlock:** Locks or unlocks the entry to prevent accidental deletion.
  - **Add To Contacts:** Save the number of the sender to your Contacts as a new entry or add to an existing entry.
  - **Messaging Font Size:** Allows you to select the font size of the message being viewed. Select Normal or Large.

- **Message Info:** Provides the following information: From (also provides the date and time the message was received), Callback #, Priority, Message Type, Size and if a Picture, Sound or Name Card were included in the message.
- For Video Messages the following options may appear in the display:
  - **Reply:** Replies to the received message.
  - **Forward:** Forward the message to another recipient.
  - **Erase:** Erases the video.
  - **Save Picture:** Saves an image of the video in a Video message to My Videos.
  - **Save As Ringtone:** Saves the sound byte received with the message as a ringtone.
  - **Save Sound:** Saves the sound byte received with the message in My Sounds.
  - **Save Quick Text:** Saves the text received in the message to the Quick Text list.
  - **Save Name Card:** Saves the attached name card to your Contact List.
  - **Lock/Unlock:** Locks or unlocks the entry to prevent accidental deletion.
  - **Add To Contacts:** Save the number of the sender to your Contacts as a new entry or add to an existing entry.
  - **Messaging Font Size:** Allows you to select the font size of the message being viewed. Select Normal or Large.

- **Message Info:** Provides the following information: From and Callback #, Priority, Message Type, Size and Attachment(s) name and size.
- For Voice Messages the following options may appear in the display:
  - **Play Again:** Replays the sound byte attached to a Picture Message.
  - **Forward:** Forwards the message to another recipient.
  - **Erase:** Deletes the message. Only displays in menu when a sound byte is attached to the message that was sent.
  - **Save As Ringtone:** Saves the sound byte received with the message as a ringtone.
  - **Save Sound:** Saves the sound byte received with the message in My Sounds.
  - **Save Quick Text:** Saves the text received in the message to the Quick Text list.
  - **Save Name Card:** Saves the attached name card to your Contact List.
  - **Lock/Unlock:** Locks or unlocks the entry to prevent accidental deletion.
  - **Add To Contacts:** Save the number of the sender to your Contacts as a new entry or add to an existing entry.
  - **Messaging Font Size:** Allows you to select the font size of the message being viewed. Select Normal or Large.

- **Message Info:** Provides the following information: From (also provides the date and time the message was received), Callback #, Priority, Message Type, Size and if a Picture, Sound or Name Card were included in the message.

---

**Note:** If no sound byte is attached to the message, press the left soft key  Erase to delete the message. Press the left soft key  Mute/Unmute to mute/unmute the sound byte attached to the message.

---

5. For Video Messages, press  **PLAY** to play to the message.
6. For Text and Picture Messages, press  **REPLY** to reply to the message.

---

**Note:** When the Inbox exceeds 100 text messages, the first message in the list is replaced with the next incoming message. Picture and Video messages are replaced when the phone's maximum memory is reached. For information on how to set Auto Erase Inbox and Auto Save Sent see “*Changing Message Settings*” on page 78.

---

## Sent




Your phone stores messages in the Sent folder, regardless of whether the message was successfully transmitted. Verify if and when a message was successfully transmitted by enabling the **Enh. Delivery Ack** feature in TXT Message options.

---

**Note:** Enhanced Delivery Acknowledgement can't be set for Multimedia message.

---



### Review Messages in the Sent Folder

1. From the home screen, press  **MENU**.  
Press the  Directional key to highlight  **Messaging** and then press .
2. Press  **Sent**.
3. Highlight the message you wish to review, then press  **OPEN**.
4. While viewing the message, press the right soft key  **Options** to display options listed. Options are dependent on the type of message:
  - For Text Messages the following options may appear in the display:
    - **Forward:** Forwards the message to another recipient.
    - **Lock/Unlock:** Locks or unlocks the entry to prevent accidental deletion.
    - **Save Quick Text:** Saves the text sent in the message to the Quick Text list.
    - **Add To Contacts:** Adds the sender's information to your contact list.
    - **Messaging Font Size:** Allows you to select the font size of the message being viewed. Select Normal or Large.




- **Message Info:** Provides the following information: Sent To Number (also provides the date and time the message was sent), Priority, Message Type, Size, Status, and Cause Code.
- For Picture Messages the following options may appear in the display:
    - **Play Again:** Replays the sound in the message.
    - **Forward:** Forwards the message to another recipient.
    - **Erase:** Deletes the message. Only displays in menu when a sound byte is attached to the message that was sent.
    - **Lock/Unlock:** Locks or unlocks the entry to prevent accidental deletion.
    - **Save Quick Text:** Saves the text sent in the message to the Quick Text list.
    - **Add To Contacts:** Adds the sender's information to your contact list.
    - **Messaging Font Size:** Allows you to select the font size of the message being viewed. Select Normal or Large.
    - **Message Info:** Provides the following information: Sent To Number (also provides the date and time the message was sent), Priority, Message Type, Size, Attachment(s) (if a Graphic, Sound or Name Card were included in the message), Status, and Cause Code.
  - For Video Message the following options may appear in the display:
    - **Forward:** Forwards the message to another recipient.
    - **Resend:** Allows you to resend the message.
    - **Lock/Unlock:** Locks or unlocks the entry to prevent accidental deletion.

- **Save Quick Text:** Saves the text sent in the message to the Quick Text list.
  - **Add To Contacts:** Adds the sender's information to your contact list.
  - **Messaging Font Size:** Allows you to select the font size of the message being viewed. Select Normal or Large.
  - **Message Info:** Provides the following information: Sent To Number (also provides the date and time the message was sent), Priority, Message Type, Size, Attachment(s) (if a Video or Name Card were included in the message), Status, and Cause Code.
- For Voice Messages the following options may appear in the display:
    - **Play Again:** Replays the sound in the message.
    - **Forward:** Forwards the message to another recipient.
    - **Erase:** Deletes the message. Only displays in menu when a sound byte is attached to the message that was sent.
    - **Lock/Unlock:** Locks or unlocks the entry to prevent accidental deletion.
    - **Save Quick Text:** Saves the text sent in the message to the Quick Text list.
    - **Add To Contacts:** Adds the sender's information to your contact list.
    - **Messaging Font Size:** Allows you to select the font size of the message being viewed. Select Normal or Large.
    - **Message Info:** Provides the following information: Sent To Number (also provides the date and time the message was sent), Priority, Message Type, Size, Attachment(s) (if a Sound or Name Card was attached), Status and Cause Code.

---

**Note:** If no sound byte is attached to the message, press the left soft key  **Erase** to delete the message. Press the left soft key  **Mute/Unmute** to mute/unmute a sound byte attached to the picture message.






---





5. Press the  Directional key up or down to highlight the desired option.
6. Press  to perform the function for the highlighted option.
7. From the **Sent** menu, press the left soft key  **Erase** to delete the message from the Sent folder. Highlight **Yes** to delete, or **No** to return to the Sent menu.

## Drafts








Draft messages are those that have been composed but never sent. You can return to the Drafts folder at any time to view, edit, or send a draft message.

### Create a Draft Text Message

1. From the home screen, press  **MENU**. Press the  Directional key to highlight  **Messaging** and press .
2. Press  **New Message**.

3. Select the type of message you want to create.
4. Enter the phone number of the recipient, then press the .
5. Compose your message using the keypad, then press the right soft key  **Options**. A pop-up menu appears in the display.
6. Scroll down with the  Directional key until **Save As Draft** is highlighted, then press . A confirmation message appears in the display and your message is saved to the Drafts folder.






### View and Edit Draft Messages






7. From the home screen, press  **MENU**. Press the  Directional key to highlight  **Messaging** and then press .
8. Press  **Drafts**.
9. Press the  Directional key to highlight the message you wish to view, then press  **EDIT**. The message opens in the **Text** field with the message text displayed.

---



**Note:** For **Text Messages**, after selecting  **EDIT**, the message opens in the to field. Press  to move to the **Text** field.

---

10. Press  to backspace and delete any characters in the display, if desired. Press and hold  to erase all characters in the field.
11. Press the right soft key  **Options**. A pop-up menu appears in the display with the options listed.
  - For Text Messages the following options may appear in the display:
  - **Save As Draft:** Save the message to your Draft folder.
  - **Add:** Select this option to display the following sub-menus:
    - **Quick Text:** Choose from up to 15 pre-loaded messages. You can add 15 additional messages by pressing the right soft key  **Options** and then press **New**. You can erase Quick Text messages by pressing the left soft key  **Erase**.
    - **Graphic:** Lists preloaded and downloaded graphics.
    - **Animation:** Lists preloaded and downloaded animations.
    - **Sound:** Lists preloaded and downloaded sounds.
    - **Name Card:** Attach My Name Card information or information from one of your Contacts.
  - **Edit Text Format:** Allows you to edit the text size, alignment, style, color, and background color.
  - **Priority Level:** Save the message with a High or Normal priority.

- **Callback #:** Provides the ability to send a callback # with the message.
- **Enh. Delivery Ack:** Displays a pop-up screen notifying the message sent has been received.
- **Cancel Message:** Cancels the message and allows you to save it in the Drafts folder.
- For Picture-Video Messages the following options may appear in the display:
  - **Preview:** Allows you to preview the message.
  - **Save As Draft:** Save the message to your Draft folder.
  - **Add Quick Text:** Choose from up to 15 pre-loaded messages. You can add 15 additional messages by pressing the right soft key  **Options** and then press **New**. You can erase Quick Text messages by pressing the left soft key  **Erase**.
  - **Priority Level:** Save the message with a High or Normal priority.
  - **Cancel Message:** Cancels the message and allows you to save it in the Drafts folder.
- For Voice Messages the following options may appear in the display:
  - **Review:** Allows you to preview the message.
  - **Save As Draft:** Save the message to your Draft folder.
  - **Add Quick Text:** Choose from up to 15 pre-loaded messages. You can add 15 additional messages by pressing the right soft key  **Options** then press **1. New**. Enter your new quick text and press  **SAVE**. You can erase Quick Text messages by pressing the left soft key  **Erase**.


- **Priority Level:** Save the message with a High or Normal priority.
- **Cancel Message:** Cancels the message and allows you to save it in the Drafts folder.

12. Press the  Directional key up or down to highlight the desired option. Press  to perform the function for the highlighted option.

13. Highlight the following fields for Picture-Video Messages and press the right soft key  **Options** to display the following options:

- **Picture-Video:** Insert a picture-video clip.

---

**Note:** Press the left soft key  **My Pics-Videos** to add a new picture or video clip.

---

- **Preview:** Allows you to review the message.
- **Save As Draft:** Save the message to your Draft folder.
- **Priority Level:** Save the message with a High or Normal priority.
- **Remove Picture-Video:** Deletes the attached Picture-Video file.
- **Cancel Message:** Cancels the message and allows you to save it in the Drafts folder.
- **Sound:** Insert a sound byte.

---

**Note:** Press the left soft key  **Sounds** to add a new sound byte.

---



- **Review:** Allows you to review the message.

- **Save As Draft:** Save the message to your Draft folder.
- **Priority Level:** Save the message with a High or Normal priority.
- **Remove Sound:** Deletes the attached sound byte file.
- **Cancel Message:** Cancels the message and allows you to save it in the Drafts folder.
- **Subject:** Insert the subject of your message.

---

**Note:** Press the left soft key  **ABC** to change text entry mode.

---

- **Preview:** Allows you to preview the message.
- **Save As Draft:** Save the message to your Draft folder.
- **Add Quick Text:** Choose from up to 15 pre-loaded messages. You can add 15 additional messages by pressing the right soft key  **Options** and then press **New**. You can erase Quick Text messages by pressing the left soft key  **Erase**.
- **Priority Level:** Save the message with a High or Normal priority.
- **Cancel Message:** Cancels the message and allows you to save it in the Drafts folder.
- **Name Card:** Insert and name card.

---

**Note:** Press the left soft key  **Add** to add a name card.

---

- **Preview:** Allows you to review the message.
- **Save As Draft:** Save the message to your Draft folder.
- **Priority Level:** Save the message with a High or Normal priority.
- **Remove Name Card:** Deletes the name card.

- **Cancel Message:** Cancels the message and allows you to save it in the Drafts folder.



14. Highlight the following fields for **Voice Messages** and press the right soft key  **Options** to display the following options:

- **Text:** Insert a text message.

---

**Note:** Press the left soft key  **ABC** to change the Entry Mode.


---


- **Review:** Allows you to review the message.
- **Save As Draft:** Save the message to your Draft folder.
- **Add Quick Text:** Choose from up to 15 pre-loaded messages. You can add 15 additional messages by pressing the right soft key  **Options** and then press **New**. You can erase Quick Text messages by pressing the left soft key  **Erase**.
- **Priority Level:** Save the message with a High or Normal priority.
- **Cancel Message:** Cancels the message and allows you to save it in the Drafts folder.
- **Subject:** Insert the subject of your message.

---

**Note:** Press the left soft key  **ABC** to change Entry Mode.

---

- **Review:** Allows you to preview the message.
- **Save As Draft:** Save the message to your Draft folder.
- **Add Quick Text:** Choose from up to 15 pre-loaded messages. You can add 15 additional messages by pressing the right soft key 




**Options** and then press **New**. You can erase Quick Text messages by pressing the left soft key  **Erase**.

- **Priority Level:** Save the message with a High or Normal priority.
- **Cancel Message:** Cancels the message and allows you to save it in the Drafts folder.
- **Name Card:** Insert and name card.

---

**Note:** Press the left soft key  **Add** to add a name card.


---

- **Preview:** Allows you to preview the message.
  - **Save As Draft:** Save the message to your Draft folder.
  - **Priority Level:** Save the message with a High or Normal priority.
  - **Remove Name Card:** Deletes the name card.
  - **Cancel Message:** Cancels the message and allows you to save it in the Drafts folder.
15. Press the  Directional key up or down to highlight the desired option. Press  to perform the function for the highlighted option.
  16. Once you've returned to the message composer, press  to send the message, if desired.

## Erase Options






You can erase unlocked messages in your Inbox, Drafts folder, or Sent folder. Locked messages are not erased.

To erase messages:

1. From the **Messaging** menu, press  **Options**.
2. The following options are available:
  - **Erase Inbox:** Erases unlocked messages in your Inbox.
  - **Erase Sent:** Erases unlocked messages in your Sent folder.
  - **Erase Drafts:** Erases unlocked messages in your Drafts folder.
  - **Erase All:** Erases unlocked messages in all message folders (Inbox, Drafts and Sent).


## Changing Message Settings

This menu allows you to define settings for messages sent or received on your phone. To access your message settings, use the following steps:

1. From the home screen, press  **MENU**. Press the  Directional key to highlight  **Messaging** and then press .
2. Press the left soft key  **Settings**.
3. The following options appear:

- **Entry Mode:** Sets the default entry mode for messaging. Choose from Word, Abc, ABC, or 123.
- **Auto Save Sent:** Saves all messages sent. Choose from: On, Off, or Prompt.
- **Auto Erase Inbox:** Erases the oldest message of the same type (Text or Multimedia) when the maximum number of received messages of that type is exceeded in the Inbox. For example, When the Inbox exceeds 100 text messages, the first message in the list is replaced with the next incoming message. Picture messages are replaced when the phone's memory is full. Choose from On or Off.
- **Messaging Font Size:** Allows you to set the message font size for message received.
- **TXT Auto View:** Automatically displays the text message when received. Choose from On or Off.
- **Multimedia Auto Receive:** Automatically receives picture and video messages into your inbox. Choose from On or Off.
- **Domain Extensions:** Choose from 4 different pre-loaded domain extensions or create a new domain extension.
- **Quick Text:** Displays the Quick Text pre-defined entries for Text, Picture, Video or Voice Messages. Press the right soft key  New to add to the Quick Text list or press the left soft key  Erase to erase. Enter your new text and press . The new Quick Text item shows in the first position of the list.
- **Vicemail #:** Enter the speed dial entry set for your voicemail.
- **Callback #:** Allows you to use or edit the number assigned to your handset. Choose from On or Off.

- **Signature:** Adds the signature text to each message sent. Choose from None or Custom.

4. Select the message option you would like to change and press .

## Vicemail

New voicemail alerts are sent via a free Text message. These messages indicate how many new and urgent voicemails are in your voice mailbox. Open the free text message to view the number of new and urgent voice messages in your voice mailbox. If a caller leaves a callback number, this number will also be sent via Text message.

---

**Note:** Standard Text Messaging charges do not apply.





---


## Receive Voicemail Messages

When you receive a new voicemail message you'll hear a sound and an Text message appears in the display.

1. Press the  Directional key up or down to select **Listen Now** or **Listen Later**. Press .









## View Voicemail Messages in the Inbox Folder


1. From the home screen, press  **MENU**. Press the  Directional key right or left to highlight the  **Messaging** menu. Press  **Vicemail**.

2. Press  **CALL** to dial voicemail and retrieve your message(s).

## Visual VoiceMail

Visual Voicemail gives you a quick and easy way to access your voicemail. Find exactly the message you are looking for without having to listen to every voicemail message first. Visual Voicemail makes it quick and easy to choose the voicemails you want to listen first. You can also send out your own visual voicemail messages to select recipients.

1. From the home screen, press  **MENU**. Press the  Directional key right or left to highlight the  **Messaging** menu. Press  **Visual VoiceMail**.
2. The Visual Voicemail information message plays. Press  to proceed to the next screen.
3. At the **CATALOG** screen, **VEA-VZ Navigator** is highlighted. Press .
4. At the **VEA-VZ NAVIGATOR** screen, two subscription rates will display. Highlight the desired subscription rate and press .
5. At the next screen, a confirmation will display. Highlight **Next** and press .

6. After the application is downloaded, press  **Yes** to run the application.

## Mobile IM

The Instant Messaging function allows you to send and receive instant messages using one of the following communities:








- AOL® Instant Messenger™
- Windows Live Messenger
- Yahoo!® Messenger

---

**Note:** You must first create the Instant Message account before accessing it on your phone.








---

## Using Mobile IM

1. From the home screen, press  **MENU**. Press the  Directional key to highlight  **Messaging** and then press .
2. Press  **Mobile IM**.
3. Select your instant message community by pressing the  Directional key left or right and press . Use the on-screen application specific functions and options to use the instant message applications.







## Email

Send and receive Email using Mobile Web. Use these steps:

1. From the home screen, press  **MENU**.  
Press the  Directional key to highlight  **Messaging** and then press .
2. Press  **Email**.
3. Press the  Directional key up or down, select one of the following Email providers and press .
  - Windows Live
  - AOL®
  - Yahoo!® Mail
  - Search
4. Use the on-screen application specific functions and options to use the Email applications.

## Chat

Join wireless chat rooms from your phone. Send text messages and icons to many chat room participants or launch one-on-one (private) chat rooms. To access a chat room from the browser:

1. From the home screen, press  **MENU**.  
Press the  Directional key to highlight  **Messaging** and then press .
2. Press  **Chat**. Highlight one of the following chat rooms and press .
  - MySpace
  - Powerchat
  - Friendz
  - Lavalife Chat
  - Best Mobile Pix
  - Lifestylers
  - MCARDS!
  - Search
3. Use the on-screen application specific functions and options to use the Chat applications.

## Section 8: Changing Your Settings

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This section explains the sound and phone settings for your phone. It includes display settings, security settings, and extra settings associated with your phone.

---

**Note:** All instructions on accessing or changing the features will begin from the **SETTINGS AND TOOLS** menu.

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### My Verizon

The My Verizon menu connects to the Verizon Wireless Mobile Web. You can setup Favorites or choose from the available applications.

### Tools

The Tools menu provides the ability to access the following menus:

- Voice Commands: For more information, refer to *“Voice Commands”* on page 29.
- Calculator: For more information, refer to *“Calculator”* on page 123.
- Calendar: For more information, refer to *“Calendar”* on page 125.
- Alarm Clock: For more information, refer to *“Alarm Clock”* on page 127.
- Stop Watch: For more information, refer to *“Stop Watch”* on page 128.

- World Clock: For more information, refer to *“World Clock”* on page 129.
- Notepad: For more information, refer to *“Notepad”* on page 129.

### Bluetooth Menu

#### About Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. If the devices are within a range of one another, you can exchange information between them, even if they are located in different rooms.

---

**Note:** When connected to your Bluetooth headset, press the multi-function key on the headset to use Voice Commands's Voice Dial feature.

---

#### Bluetooth Service Profiles

Actually, the Bluetooth specification is a protocol that describes how the short-range wireless technology works, whereas individual profiles describe the services supported by individual devices. Profiles reduce the chance that different devices will not work together.

Your phone supports the following Bluetooth profile services:

- Voice Calls are supported using any of the following depending on the accessory:
  - **HSP** - Headset
  - **HFP** - Hands-free profiles\*.
- Transfer Object allows sending an **OPP** - Object Push Profile which allows transfer of vCard (i.e., Contact information) between devices and vCalendar (i.e. Calendar events).
- File Transfer allows a Bluetooth Client (typically a PC program) to connect to the phone via **FTP** – File Transfer Profile to transfer files to and from My Sounds, My Pictures and My Videos on the phone.
- Bluetooth Stereo uses **A2DP** - Advanced Audio Distribution Profile and **AVRCP** - Audio/Video Remote Control Profile.
- Automobile Kits can use any of the following: **HFP** - Hands-free or **PBAP** - Phone Book Access Profiles\*.
- Connectivity Connections (i.e. computer) are supported using **SPP** - Serial Port (connecting two BT devices) or **DUN** - Dial Up Networking (to access the internet).
- **BPP** - Printing is supported using basic printing profiles.




\* For vehicle/accessory compatibility, go to [www.verizonwireless.com/bluetoothchart](http://www.verizonwireless.com/bluetoothchart). Phone does not support all Bluetooth OBEX profiles.

The following Bluetooth options are available:

## Turning Bluetooth On or Off

When the Bluetooth radio is turned on, you can use the Bluetooth features available. When the Bluetooth radio is turned off, you cannot send or receive information via Bluetooth. To save battery life or in situations where radio use is prohibited, such as airline traveling, you can turn off the Bluetooth wireless technology.

**NOTE:** The menu navigation instructions for this section uses the default **Twilight** display theme, **Grid** menu layout.

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Bluetooth Menu**.
4. Press the left soft key  to **Turn On** or **Turn Off**.





---

**Note:** If Bluetooth is turned on, the  Bluetooth icon displays in the top line of the display.


---

## Search

This option searches for a recognized Bluetooth wireless device.

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .


3. Press  **Bluetooth Menu**.


4. **Add New Device** is highlighted, press .

---


**Note:** If you have NOT already activated Bluetooth on the phone, the message: "TURN BLUETOOTH POWER ON?" displays. Highlight Yes to activate or No to exit and press .



---

5. The prompt: "PLACE DEVICE YOU ARE CONNECTING TO IN DISCOVERABLE MODE." is shown. Activate your Bluetooth device and press .

6. A list of found Bluetooth devices will be displayed. Highlight a Bluetooth device to be paired and press .

7. The display: "ENTER PASSKEY" is displayed. Enter the device passkey. The default passkey typically is: 0000.

8. If the default passkey is not successful, the phone will display the message: "PASSCODE INCORRECT. RE-ENTER" or "AUTO PAIR FAILED. ENTER PASSKEY". (If you are attempting to pair with a car kit, be sure to clear any error message on the car kit display first.) Enter the correct passkey for the device you want to pair, and press .

9. Select **Yes** to pair the devices. Once connected the Bluetooth Connected icon  appears in the upper half of the display. When pairing is complete, highlight **Always Ask or Always Connect** and press .





---

**Note:** Only devices supporting **OPP A** will display **Always Ask** and **Always Connect** display.

---

### Bluetooth Settings

The Bluetooth wireless technology settings menu provides the ability to view and change the device name, show the visibility, and set the security for the device.

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Bluetooth Menu**.
4. Press the right soft key  **Options**. The Bluetooth menu displays with the following options:
  - **My Phone Name:** Allows you enter a customized name.
  - **Discovery Mode:** Allows other users to see your accessibility. Select On for other devices to see your device, or Off for no visibility.

---




**Note:** After selecting On, users have one minute to see your accessibility. After which Discovery Mode will automatically default back to off.





---

- **Supported Profiles:** Displays a list of supported Bluetooth profiles. Highlight a profile and press  to view a description.
- **My Phone Info:** Shows the handset information.
- **Auto Pairing:** Allows you to choose **On** or **Off** for auto pairing.

### Transferring vCalendar events via Bluetooth

You can transfer vCalendar events via Bluetooth. Use the following steps:








1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Bluetooth Menu**.
4. If not paired with a Bluetooth device, see “Search” on page 83.
5. Highlight the desired Bluetooth device.
6. Press right soft key  **Options** and then press  **Send Calendar Event**.
7. Navigate to highlight a Calendar event in your phone (which is indicated by light blue color).



8. Press  **VIEW** to see a list of all events on that day
9. Highlight the one(s) you want to send and press  **MARK** to select the appropriate one(s). Press  **Done** when finished marking events.
10. When you see a prompt “CONNECT TO <Bluetooth device>?”, press  with **Yes** highlighted to connect to that device.
11. The selected Calendar event(s) will be sent to the target Bluetooth device.

### Sounds Settings

Sounds menu provides the ability to access the following menus:

#### Call Sounds

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Sounds Settings**.
4. Press  **Call Sounds** or, press  **Call Ringtone** to get new ringtones from “Media Center” (**Get New Applications**) or choose from pre-loaded ringtones.

5. Press  **Call Vibrate** to turn Call Vibrate On or Off.
6. Press  to save the setting.

## Alert Sounds

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Sounds Settings**.
4. Press  **Alert Sounds**. For the following options, you can set the tone for the message alerts. You can also set vibration on and set a reminder.
  - **TXT Message**: Allows you to set a notification for TXT message.
  - **Multimedia Message**: Allows you to set a notification for a multimedia message.
  - **Voicemail**: Allows you to set a notification for Voicemail Message.
  - **Emergency Tone**: Allows you to set the alert for emergency dialing. The options for emergency tone are:
    - **Alert**: Phone plays the Emergency Dialing tone except when the master volume setting is Vibrate or All Sounds Off.

---

**Note:** If Emergency Tone is set to **Alert** and Master Volume is set to **Vibrate**, the handset will vibrate after emergency dialing.

---

If Emergency Tone is set to **Alert** and the master Volume is set to **All Sounds Off**, the handset will not sound after emergency dialing.

---

- **Vibrate**: phone will vibrate only and will not play the Emergency Dialing tone.
- 








**Note:** If Emergency Tone is set to **Vibrate** and Master Volume is set to **All Sounds Off**, the handset will not sound after emergency dialing.

---









- **Off**: phone will not play the Emergency Dialing tone or vibrate.
- **Device Connect**: Allows you to set a notification when you connect to a device.

## Keypad Sounds







Select the sound of the keypad when pressed.

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Sounds Settings**.
4. Press  **Keypad Sounds**.
5. Select **Default** or **Xylophone**.
6. Press  to set the new dial sound.

## Keypad Volume







1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Sounds Settings**.
4. Press  **Keypad Volume**.
5. Press the  Directional key up or down or volume key to adjust the keypad volume.
6. Press  **SET** to save.

## Service Alerts

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Sounds Settings**.
4. Press  **Service Alerts**. For the following options, you can turn the Service Alert On or Off.
  - **ERI**: Sounds an alert when you go into and out of your coverage areas.
  - **Minute Beep**: While on a call your phone beeps after every minute of usage.




- **Call Connect**: Sounds an alert when a call is connected and when a call has ended.


## Power On/Off

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Sounds Settings**.
4. Press  **Power On/Off**. You can set the sounds for Power On and Power Off to either **On** or **Off**.

## Display Settings

The **Display** menu affects the menu style, home screen animation, backlight settings, and more.






1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Display Settings**.
  - **Banner**: Create your own personalized greeting that appears in home screen or choose the ERI Banner which displays the network in which you have subscribed.
  - **Backlight**: Choose settings for the LCD and/or Keypad.

- **Wallpaper:** Choose pictures from My Pictures, or videos from My Videos to use as the background display for your home screen. Choose pictures from My Pictures to use as the background display for your Front Screen.
  - **Display Themes:** Choose from 2 themes used for menu display.
  - **Main Menu Settings:** Choose from 3 main menu layout themes for the menu display.
  - **Menu Font Size:** Choose Normal or Large for the menu display font size.
  - **Dial Fonts:** Choose a dialing font style and size.
  - **Clock Format:** Choose digital or analog format for time display.
4. Select an option and press .

## Banner


**Banner** allows you to create your own personalized greeting that appears in home screen. Or you can display the network to which you are subscribed.

### To create a personal banner:


1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Display Settings**.

4. Press  **Banner**. Press  **Personal Banner** to create a customized banner for your handset.


---

**Note:** Press and hold  to erase an existing banner, if necessary.

---

5. Enter a word or short phrase (18 characters or less) to appear in the home screen. Press  to save banner.

### To turn on an ERI banner:

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Display Settings**.
4. Press  **Banner**.
5. Press  to set the **ERI Banner** for your handset.
6. Select **On** or **Off** and press .









## Backlight

Set the **backlight** for the display or keypad to remain on for a specified period of time or to remain on as long as the flip is open.


---




**Note:** Prolonged backlight use drains your battery faster.

---









1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Display Settings**.
4. Press  **Backlight**. The menus listed appear in the display.
  - **Display:** The following options are for the Main LCD.
    - **Duration:** Can be set to 7 seconds, 15 seconds, 30 seconds, Always On or Always Off.
    - **Brightness:** Press the  Directional key left or right to adjust the brightness.
  - **Keypad:** The following options are for the keypad.
    - **7 Seconds:** The keypad is on for 7 seconds.
    - **15 Seconds:** The keypad is on for 15 seconds.
    - **30 Seconds:** The keypad is on for 30 seconds.
    - **Always On:** The keypad is always on.
    - **Always Off:** The keypad is always off.
5. Highlight a menu and press  to enter the highlighted option's menu and change settings as desired.

## Wallpaper

1. From the home screen, press  **MENU**.

2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Display Settings**.
4. Press  **Wallpaper**.
5. Press  **Main Screen** or  **Front Screen**.
  - **Main Screen:** Choose My Pictures (allows you to select an image from the My Pictures folder.) My Videos (allows you to select a video from the My Videos folder.)
  - **Front Screen:** Choose My Pictures (allows you to select an image from the My Pictures folder.) to select the wallpaper that will appear in the main or front LCD display.
6. Select your desired picture or video and press .








## Display Themes

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Display Settings**.
4. Press  **Display Themes**.
5. Press the left soft key  **Preview**. Press the  Directional key left or right to cycle through thumbnails of the themes.

6. Press the left soft key  **List** to return to the list. Make your selection and press  **SET** to save.

### Main Menu Settings






Choose 3 preset main menu layout themes for the menu display.

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Display Settings**.
4. Press  **Main Menu Settings**.
  - **Tab**: Displays: Media Center, Messaging, Contacts, Recent Calls and Settings & Tools menu icons on the menu screen.
  - **List**: Displays 9 menu listings on the menu screen.
  - **Grid**: Displays 9 menu icons in a matrix on the menu screen.
5. Highlight a main menu setting and press .
6. The **Main Menu Type** screen appears on the display. Select from the following options:
  - **Productivity**: Choose Productivity to display: Media Center, Messaging, Calculator, Email, VZ Navigator, Contacts, Recent Calls, Mobile IM and Settings & Tools.







- **Messaging**: Choose Messaging to display: Media Center, Messaging, Contacts, Email, Mobile IM, My Ringtones, Recent Calls, VZ Navigator and Settings & Tools.

7. Highlight a setting and press .

### Menu Font Size

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Display Settings**.
4. Press  **Menu Font Size**.
5. Select **Normal** or **Large** and press .








### Dial Fonts

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Display Settings**.
4. Press  **Dial Fonts**.
5. Select **Style** or **Size** and press 
  - **Style**: Choose Normal, Rainbow, Quill Pen, or Sticky.
  - **Size**: Choose Normal or Large Only.

6. Press the  Directional key left or right to highlight a setting and press .



### Clock Format

This menu allows you to have time displayed in digital or analog format.

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Display Settings**.
4. Press  **Clock Format**.
5. Press  **Main Clock**. The following options appear in the display.
  - **Analog**: Time appears in clock format.
  - **Large Analog**: Time appears in clock format in larger size.
  - **Digital 12**: Time appears in 12-hour digital format. Example: 8:00pm.
  - **Large Digital 12**: Time appears in 12-hour digital format in larger size.
  - **Digital 24**: Time appears in 24-hour digital format. Example: 20:00.

- **Large Digital 24**: Time appears in 24-hour digital format in larger size.
- **Dual Clock**: Time appears in 12-hour digital format with a user selectable time zone above the current time zone.

---

**Note:** While selecting a time zone, you can press the left soft key  **Cities** to select from a list of cities. In **CDMA** mode, only Cities time and DST setting can be set. In **GSM** mode, Home/Cities time and DST setting can be set by pressing the Directional key up or down. Press the right soft key  **DST On** to turn DST **On** of **Off**.



---

- **Off**: No time is displayed.







---


**Note:** Press the right soft key  **Color** to select from **White** or **Black**.

---

6. Press the  Directional key left or right to view and press  to save the option.

To set the Front Clock display, use the following options:

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Display Settings**.
4. Press  **Clock Format**.



5. Press  **Front Clock**. The following options appear in the display.

- **Digital:** Time appears in 12-hour digital format. Example: 8:00pm.
- **Analog:** Time appears in clock format with Roman numerals.
- **Off:** No time is displayed.

---

**Note:** Press the right soft key  **Color** to select from **White** or **Black**.









---

6. Press the  Directional key left or right to view and press  to save the option.

## Phone Settings

### Time & Date

Set the time and date for your phone.

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Phone Settings**.
4. Press  **Time & Date**. Use the keypad to enter the time in the time field.
5. Press the  Directional key to highlight the date field and enter the date. Press  to save your settings.








---

**Note:** Time and date can only be changed in GSM Mode.

---

### Airplane Mode

With **Airplane Mode** on, all RF functions for your phone are disabled, and you cannot use your phone to place or receive calls.

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Phone Settings**.
4. Press  **Airplane Mode**. Select **On** or **Off** and press  **Yes** at the “**WILL DISABLE ALL CALLS?**” prompt.

### Network Mode








Your phone is capable of operating in a number of countries on both **CDMA** (Code Division Multiple Access) and **GSM** (Global Systems for Mobile) networks. While in the United States or on other CDMA roaming networks, use your phone in Verizon **CDMA Mode**. Use your phone in **Global Mode** while in countries serviced by GSM network. You must have a **SIM** card in order to select GSM and Global Mode. For a complete list of countries, please visit: [www.verizonwireless.com/vzglobal](http://www.verizonwireless.com/vzglobal).

---

**Note:** When your phone is in Verizon (CDMA) mode, it does not necessarily mean that you are on the Verizon Wireless Network. You may roam on certain other carriers' CDMA networks domestically and internationally when your phone is in Verizon (CDMA) mode. For more information, visit: [www.verizonwireless.com](http://www.verizonwireless.com).


---






**Network mode** allows you to select from **CDMA**, **GSM** or **Global** network modes.



1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Phone Settings**.
4. Press  **Network Mode**.
5. Highlight either **CDMA Mode**, **GSM Mode** or **Global Mode** network setting and press .

## Set Shortcuts

**Set Shortcuts** allows you to personalize menu settings for **Set My Shortcuts** and **Set Directional Keys**. Choose menu settings for each of the shortcut options under **Set My Shortcuts**. In addition, you can personalize 3 Directional keys (up, down and left) with **Set Directional Keys**.




1. From the home screen, press  **MENU**.

2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Phone Settings**.
4. Press  **Set Shortcuts**.

...or from the home screen, press the  Directional key right to launch **My Shortcuts** and press the left soft key  **Settings**.

- **Set My Shortcuts:** Choose from 42 menu settings for each of the 4 shortcut options.
- **Set Directional Keys:** Choose from 42 menu settings for the up, left and down Directional keys.

To personalize **Set My Shortcuts**:


1. Highlight **Set My Shortcuts** and press . Highlight any of the shortcut options (Shortcut 1, 2, 3 or 4) to change and press .
2. Highlight any of the menu settings and press .

---

**Note:** Press the right soft key  **Options** to: **1. Reset Shortcut 1,2,3 or 4** or: **2. Reset My Shortcuts**, for resetting the shortcuts to default settings. For default settings see "*Directional Key Shortcuts*" on page 38..

---

To personalize **Set Directional Keys**:

1. Highlight **Set Directional Keys** and press . Highlight any of the Directional keys (Up, Left or Down) to change and

press .







2. Highlight any of the menu settings and press .

---

**Note:** Press the right soft key  **Options** for: **1. Reset Up, Left or Down Key** or: **2. Reset Directional Keys**, for resetting the keys to default settings. For default settings see “*Directional Key Shortcuts*” on page 38..

---

### Voice Commands

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Phone Settings**.
4. Press  **Voice Command Settings**. For more information, refer to “*Voice Commands Settings*” on page 29.

### Language

Change the display language from English to Spanish or vice versa.

1. From the home screen, press  **MENU**. Press the  Directional key right or left to highlight the  **Settings & Tools** menu. Press  **Phone Settings**.

2. Press  **Language**.
3. Select a language and press .








### Location

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**Note:** This feature is only available on the Verizon Wireless network.

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The Location Global Positioning Service (GPS) setting identifies your location to the network. You can fully enable this setting or set GPS to work only in the case that you dial 911 from your phone.








1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Phone Settings**.
4. Press  **Location**. The following options appear in the display:
  - **Location On:** GPS location setting is on wherever the feature is available.
  - **E911 Only:** GPS location setting is on whenever you dial 911 only.
5. Highlight an option and press .

## Current Country

For more information, refer to “Current Country” on page 130.

## Phone Security









The **Phone Security** menu allows you to lock your phone, set restrictions, and other security options.




1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Phone Settings**.
4. Press  **Phone Security**.
5. Enter the lock code (factory settings are the last four digits of your telephone number) and press . The following options appear in the display:
  - **Edit Codes:** Allows you to change the Lock Code for Phone Only or Calls & Services.
  - **Restrictions:** Allows you to restrict the Location Setting (Lock/Unlock Setting), Calls (Outgoing or Incoming calls), messages (Outgoing or Incoming messages) and dial-up modems (Allow or Block All).
  - **Phone Lock Setting:** Allows you to set the phone to Unlocked or lock the phone On Power Up.
  - **Lock Phone Now:** Allows you to lock the handset.

- **Restore Phone:** All settings are reset to factory default settings and all user data is erased including pictures, videos, music, messages, contacts, and downloaded applications stored on the phone.

## Edit Codes

The default lock code is the last four digits of your phone number. Use **Edit Code** to change the code to a lock code of your choice.

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Phone Settings**.
4. Press  **Phone Security**. You're prompted to enter the lock code. The default lock code is the last four digits of your telephone number.
5. Enter the **Lock Code** and press . Several security menus appear in the display.
6. Press  **Edit Codes**. The following options display:
  - **Phone Only:** Allows you to edit the lock code for only the handset.
  - **Calls & Services:** Allows you to edit the lock code for all Calls & Services.

7. Highlight an option and press . At the “**ENTER NEW CODE**” prompt, enter the new lock code and press . At the prompt, confirm new lock code.
8. At the “**RE-ENTER NEW CODE**” prompt, re-enter lock code and press .








“**PHONE ONLY CODE SET**” or “**CALLS & SERVICES CODE SET**” message appears in display confirming your lock code changed.




---

**Note:** Your phone does not allow you to view the lock code for obvious security reasons. If you change the lock code, be sure to write down or memorize the new code.

---







## Restrictions




1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Phone Settings**.
4. Press  **Phone Security**. You're prompted to enter the lock code. The default lock code is the last four digits of your telephone number.
5. Enter the **Lock Code** and press . Several security menus appear in the display.

6. Press  **Restrictions**.
7. Enter the **Lock Code** then press . The default lock code is the last four digits of your telephone number. Choose from the following options:
  - Location Setting
  - Calls
  - Messages
  - Dial-Up Modem
8. Highlight an option and press .









## Phone Lock Setting

**Phone Lock Setting** restricts the use of your phone with the exception of emergency outgoing calls to 911. You must unlock the phone to place or receive a call.

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Phone Settings**.
4. Press  **Phone Security**. You're prompted to enter the lock code. The default lock code is the last four digits of your telephone number.

- Enter the **Lock Code** and press . Several security menus appear in the display.
- Press  **Phone Lock Setting**. The following options display:
  - Unlocked:** If locked, unlocks the device or phone, depending on your selection.
  - On Power Up:** The Lock Code is required whenever you power up the phone.
- Select an option and press .










### Lock Phone Now

- From the home screen, press  **MENU**.
- Press the  Directional key to highlight  **Settings & Tools** and press .
- Press  **Phone Settings**.
- Press  **Phone Security**. You're prompted to enter the lock code. The default lock code is the last four digits of your telephone number.
- Enter the **Lock Code** and press . Several security menus appear in the display.
- Press  **Lock Phone Now**.


Your phone returns to the home screen. The Lock Code is required immediately to access any functions.

### Restoring Your Phone Memory to Factory Condition

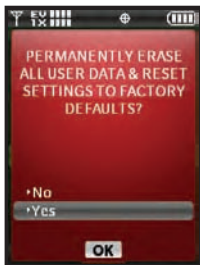
**Restore Phone**, returns all setup options to their factory default.

- From the home screen, press  **MENU**.
- Press the  Directional key to highlight  **Settings & Tools** and press .
- Press  **Phone Settings**.
- Press  **Phone Security**, and enter the lock code and press .
- Press  **Restore Phone**. A prompt appears in the display asking if you wish to restore default settings and erase all user data including pictures, videos, music, messages, contacts, and downloaded applications stored on the phone.
- Highlight Yes and press  to restore default settings or select No to return to the Security list.

---

**Note:** After the phone power cycles back on, you must press \*228  to re-program your phone number.

---



### Call Emergency Numbers in Lock Mode

In Lock Mode, you can dial 911 to place an emergency call.

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**Note:** If you dial 911, your phone dials the emergency number immediately (no prompt).

---

### SIM Security

The **SIM Security** menu allows you to select the security settings for your SIM card.

1. From the home screen, press **MENU**.
2. Press the Directional key to highlight **Settings & Tools** and press .
3. Press **Phone Settings**.

4. Press **SIM Security**, and enter the lock code and press . The screen displays the following options:
  - **Edit PIN Code:** Allows you to edit the PIN code. (PIN number must be locked before editing.)
  - **PIN Lock:** Allows you to lock/unlock the PIN code.
  - **SIM Lock:** Allows you to lock/unlock the SIM code.

---

**Note:** SIM Lock prevents your phone from using a non-Verizon SIM card. To disable the SIM lock, you need to contact VZW Global Customer Support (1-800-711-8300) for an authorized SIM Unlock code.

---



### System Select

The **System Select** menu allows you to set your roaming options. For more information, refer to “*Roaming Options*” on page 28.

### NAM Select











Your phone provides the option of selecting between two NAMs (Number Assignment Modules) or phone numbers. Select either NAM1 or NAM2.

1. From the home screen, press **MENU**.
2. Press the Directional key to highlight **Settings & Tools** and press .
3. Press **Phone Settings**.

- Press  **NAM Select**. The following options appear in the display:
  - NAM Select
  - Auto NAM Select
- Make your selection and press .

### Quick Search

**Quick Search** is an easy way to locate contacts in your Address Book and Menu items.

- From the home screen, press  **MENU**.
- Press the  Directional key to highlight  **Settings & Tools** and press .
- Press  **Phone Settings**.
- Press the  Directional key **Up** to highlight **Quick Search** and press .
- Press the right soft key  **Info** to display detail information about **Quick Search**. Press  to return to Quick Search Menu. Select **On** or **Off** and press .

### Searching for a Contact



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**Note:** Quick Search must be turn on to perform the procedures listed below.

---

- From the home screen, press the **first three** numeric keys that correspond to the letters of the contacts name. For example, to search for “Sally” you would enter:



- Press the  Directional key up to search for Contacts. If a match is found, the name(s) appear in the display.
- Press the  key to call the contact.

### Searching for a Menu Item



---

**Note:** Quick Search must be turn on to perform the procedures listed below.

---

- From the home screen, press the **first three** numeric keys that correspond to the letters of the Menu item name. For example, to search for “Inbox” you would enter:









2. Press the  Directional key down to search for Menu items. If a match is found, the menu item(s) appear in the display.
3. Press the  key to access the content of the menu item.




## Call Settings

The **Call Settings** menu allows you to select the method for answering incoming calls, setting redial options, setting data options, voice privacy, and more.

### Answer Options








The Answer Options menu allows you to select the method for answering incoming calls.

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Call Settings**.
4. Press  **Answer Options**. The following options appear in the display:
  - **Flip Open**: Calls are answered when the flip is opened.
  - **Any Key**: Calls are answered when any key is pressed.
  - **Auto with Handsfree**: Calls are answered automatically with a 5 second delay.

5. Highlight the method you wish to use for answering calls, then press  **MARK**. Press the right soft key  **Mark All** to select all options. Press the left soft key  **Done**.

### Auto Retry

**Auto Retry** automatically redials voice/data calls after a preset period of time.

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Call Settings**.
4. Press  **Auto Retry**. The following options are:
  - **10 Seconds**
  - **30 Seconds**
  - **60 Seconds**
  - **Off**
5. Select an option and press .

## TTY

Your phone is fully TTY compatible. Connect the TTY equipment to the headset jack. Before you can use your phone with a TTY device, you'll need to enable TTY functions in the phone.

1. From the home screen, press MENU.
2. Press the Directional key to highlight **Settings & Tools** and press .
3. Press **Call Settings**. Press **TTY Mode**. The TTY Mode screen displays.
4. A warning appears in the display stating “**ENABLING TTY WILL DISABLE HEADSET AUDIO. CONTINUE?**”

Highlight **Yes** and press to proceed to TTY MODE screen. Highlight **No** and press to return to **Call Settings** menu. Press the Directional key up or down to select one of the following:

- **TTY Full**
- **TTY + Talk (VCO)**
- **TTY + Hear (HCO)**
- **TTY Off**

Press for your selection. **TTY MODE SET** screen displays.

## One Touch Dial

You can use this option to enable or disable the speed dialing feature.

1. From the home screen, press MENU.
2. Press the Directional key to highlight **Settings & Tools** and press .
3. Press **Call Settings**.
4. Press **One Touch Dial**. Select **On** or **Off** and press . For more information, refer to “*Speed Dialing*” on page 55.

## Voice Privacy

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**Note:** This feature is only available on the Verizon Wireless network.

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**Voice Privacy** when enabled turns on advanced voice encryption. Voice privacy can be set to **On** or **Off**.

1. From the home screen, press MENU. Press the Directional key right or left to highlight the **Settings & Tools** menu. Press **Call Settings**.
2. Press **Voice Privacy**. The following options appear:
  - **On**

- Off





3. Select an option and press .




### Data Settings

1. From the home screen, press  MENU.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Call Settings**.
4. Press  **Data Settings**. The following options appear in the display:
  - **Data Off**: Phone operates in normal voice call mode.
  - **Data For Next Call**: Data call is enabled for next call only. Phone will reset to Data Off mode after call.
  - **Data Until Powered Off**: Phone will remain in Data Mode until phone is powered off.
5. Select an option and press .








### DTMF Tones

Use this menu to set DTMF settings to **Normal**, or **Long**.






1. From the home screen, press  MENU.
2. Press the  Directional key to highlight  **Settings & Tools** and press .



3. Press  **Call Settings**.
4. Press  **DTMF Tones**. The following options appear in the display:
  - **Normal**: Select for a normal tone.
  - **Long**: Select for an extended tone.
5. Select an option and press .

### Call Waiting (in Network Mode GSM)

1. From the home screen, press  MENU.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Call Settings**.
4. Press  **Call Waiting**.
5. Select an option and press .

### Caller ID Visibility (in Network Mode GSM)

1. From the home screen, press  MENU.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Call Settings**.






4. Press  **Caller ID Visibility**. The following options appear in the display:
  - **Hide Number**: Select to hide Caller ID number.
  - **Show Number**: Select to show Caller ID number.
5. Select an option and press .

### Assisted Dialing

For more information, refer to “Assisted Dialing” on page 23.

### Memory

The Memory menu allows you to manage your **Save Options** (for Pictures, Videos, and Sounds) on your **Phone Memory** or **Card Memory**. You can also set the memory usage for pictures, videos, music, sounds, and ringtones on your phone and microSD™ card.

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Memory**. The following options are available:
  - **Save Options**: You can set your Pictures, Videos and Sounds to be saved to either phone memory or card memory.
  - **Phone Memory**: Allows you to see the memory usage for everything stored on your phone. The following options are available:

- **Phone Memory Usage**: Displays the current memory usage and allocation figures for the various applications and folders stored on the phone. These include: Available, Used, Total, My Pictures, My Videos, My Ringtones, My Music, My Sounds, Applications, and Pic/Video Msg.
- **My Pictures**: Pictures you have saved from a Picture message, downloaded via the “Media Center” application, or taken using your phone.
- **My Videos**: Video Clips you have saved from a Video message, downloaded via the “Media Center” application, or taken using your phone.
- **My Ringtones**: Ringtones you have downloaded via the “Media Center” application.
- **My Music**: Music you have downloaded directly from the V CAST Music catalog or music you have transferred from your PC using Sync Music.
- **My Sounds**: Sounds you have downloaded, recorded using your phone, or saved from a Picture message with Sound attached.

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**Note:** Your phone does not come with a microSD™ memory card. A card must be purchased as an accessory. See your service provider for more information.

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- **Card Memory**: Allows you to see memory usage of everything stored on your microSD™ card. The following file options are available for the removable microSD™ memory card:
  - **Card Memory Usage**: Displays the current memory usage and allocation figures for the various applications and folders stored on the


card. These include: Available, Used, Total, My Pictures, My Videos, My Music, and My Sounds.


- **My Pictures:** Pictures you have saved from a Picture message or taken using your phone.
- **My Videos:** Video Clips you have saved from a Video message or taken using your phone.
- **My Music:** Music you have downloaded directly from the V CAST Music catalog or music you have transferred from your PC using Sync Music.
- **My Sounds:** Sounds you have recorded using your phone or saved from a Picture message with Sound attached.




## Phone Info

The **Phone Info** menu allows you to view the software and hardware information, your assigned number, and an icon glossary for your phone.

1. From the home screen, press  **MENU**.
  2. Press the  Directional key to highlight  **Settings & Tools** and press .
  3. Press  **Phone Info**. **My Number** is highlighted, press .
- ▶ Press  **CDMA Number** to display the CDMA Mobile Device and Identification numbers.






- ▶ Press  **GSM Number** to display the GSM Mobile Device and Identification numbers.

Press  to return to the **Phone Info** menu display.

4. Press  **SW/HW Version** to view the version of software, PRL, ERI, Browser, Media Center, MSUI, Hardware, and MEID on your phone.
5. Press  **Icon Glossary** to view the list of icons with a brief description.
6. Press  to return to the **Phone Info** menu.

## SIM Info

The **SIM Info** menu allows you to view the SIM ID number for your phone.

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **SIM Info**. The **SIM ID** number is displayed.

## Section 9: Media Center

This section describes how to download and play music, tones, and video. It also outlines how to take, record and store images and videos, sounds, and ringtones using your phone.

**Note:** All instructions on accessing or changing the features will begin from the **Media Center** menu.

### Media Center

The Media Center menu provides sub-menus to Music & Tones, Picture & Video, Games, Mobile Web, Browse & Download and Extras. You can also view memory info to see how much space you've used (and have left) for stored media. Use the following steps for each **Media Center** sub-menu.

**NOTE:** The menu navigation instructions for this section uses the default **Twilight** display theme, **Grid** menu layout.

1. From the home screen, press **OK** **MENU**. The **Media Center** menu is highlighted. Press **OK**.
2. Press the right soft key **Info**.
3. Press **1 @ 2:1** **App Memory** to display the memory available. Press the **CLR** key to return.

4. Press **2 abc** **Phone Memory** to view the memory **Available**, **Used**, and the **Total** amount being used. Press the **CLR** key to return.



5. Press **3 def** **View Log** to see the file transfer activity.
6. Press the **CLR** key to return.
7. Press **4 ghi** **Help** to display a list of frequently asked questions. Highlight an item and press **OK** to display help text.
8. Press the **CLR** key to return.










## Media Center

This menu allows you to get new tunes and tones, record new sounds, and set tunes and tones as your ringtone. It also allows you to access your music files.

### V CAST Music with Rhapsody®

You can use the V CAST Music/Rhapsody option to download music from the V CAST Music/Rhapsody catalog directly to phone memory or to a removable memory card. Before downloading music to your microSD™ memory card, be sure to format it as described below.

### Formatting a microSD™ Card using your Samsung Renown™

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Memory**.
4. Press  **Card Memory**.
5. Press the right soft key  **Options**.
6. The **Format Card** option is highlighted. Press .
7. Highlight **Yes** and press  to format microSD™ card.

### Formatting a microSD™ Card using your PC

For best playback of songs stored to the microSD™ memory card, reformat your memory card with PC format FAT32.

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**Note:** Any content currently stored on the microSD™ memory card will be lost after this procedure is performed.








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1. Insert the microSD™ memory card into an SD card adapter.
2. Insert the SD card adapter into the SD card reader slot.
3. Plug the SD card reader into a USB port on your PC.
4. On your PC, go to your **My Computer** directory and highlight the drive that represents the SD card reader.
5. Right click and select the **Format** option.
6. Under the **File System** option, select **FAT32** and click the **Start** button.
7. Your microSD™ memory card will be reformatted.

- Remove the microSD™ card from the SD card reader and insert it back into your phone. The **My Music** directory will automatically be created on the microSD™ memory card the first time that you access V Cast Music with Rhapsody®/My Music/Sync Music from your phone.





### Get New Ringtones

Use this option to download new ringtones from the Internet.

- From the home screen, press  MENU. The  **Media Center** menu is highlighted. Press .
- Music & Tones** will be highlighted. Press .
- Press  **Get New Ringtones**.
- Press  **Get New Applications**.
- You are connected to the Media Center catalog and presented with available provider ringtone applications.
- To return to the home screen, press the  key.

### My Ringtones

- From the home screen, press  MENU. The  **Media Center** menu is highlighted. Press .
- Music & Tones** is highlighted. Press .

- Press  **My Ringtones**.
- Press  **Get New Ringtones** to access the Media Center catalog to download new ringtones. Or if you have already downloaded ringtones, highlight your selection and press . To return to the home screen, press the  key.

### My Music

The Music Player can be used to play music files that you have downloaded from the V CAST Music catalog or that you have transferred from your PC using Sync Music. You can play your music with the flip open or closed.

### Playing Music with the Flip Closed

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**Note:** The touchpad keys (Rewind, Play and Fast Forward) are only active when the Sub-Display is active. If the Sub-Display is not active, press and hold one of the other external keys (Lock/Unlock Key, or Volume Key) to activate the Sub-Display. The touchpad responds to a light touch. Using excessive force when pressing the touchpad keys may damage the touchpad.

---

The external keys which you will use are labeled below.



1. From the home screen, with your flip closed, press and hold the **Play/Pause** (▶ II) key. After the prompt, press the **Play/Pause** (▶ II) key. Press the **Play/Pause** (▶ II) key to **Play All** or press the **Fast Forward** (▶▶I) key to select **Shuffle**, **Playlists** or to select individual songs loaded on your phone or memory card. Use the **Rewind** (I<<) key to scroll back to previous selections if necessary.

---





**Note:** For more information, refer to “Playing Music with the Flip Open” on page 108.


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2. You can use the **Fast Forward** (▶▶I) and **Rewind** (I<<) keys to skip to another song track. Press and hold the **Fast Forward** (▶▶I) and **Rewind** (I<<) keys to forward or rewind the current song.

## Playing Music with the Flip Open

1. From the home screen, press **MENU**. The **Media Center** menu is highlighted. Press .
2. **Music & Tones** will be highlighted. Press .
3. Press **My Music**.
4. The **My Music** screen appears in the display. The following options appear in the display:
  - **Genres:** This option organizes your songs by music type (genre). For example, Folk, Rock, Country, Classical, Soul, Unknown and so on. Each folder will contain all songs within that genre.
  - **Artists:** This option organizes your songs by artist.
  - **Albums:** This option organizes your songs by album title. Even if you only have one song from an album, a folder for the album will display.
  - **Songs:** This option organizes your songs by song title. To add a song to a playlist, press the right soft key **Options** and select **Add to playlist** to place the song into one of your playlists.
  - **Playlists:** Any playlists that you have created are displayed in this option. Press the left soft key **New** to create a new playlist. With a playlist highlighted, press the right soft key **Options** to add, view, edit, rename, create or erase the playlist.
  - **Inbox:** This repository is where alert notifications are received when new music from a selected artist is available for download.



- **Play All:** This option will play all of your songs in list order.
  - **Shuffle:** This option will re-sort a playlist order.
5. While in the My Music library, press the left soft key   
**Shop** to go to the **V CAST Music** catalog.  
Press **CLR** to go back to My Music library.
  6. Select **Songs** and press  or press **4<sub>ghi</sub>** **Songs**
  7. Scroll down to a song and press the right soft key   
**Options**, to select from the following options:
    - **Add to playlist:** Add song to playlist.
    - **Listeners also liked:** Displays music other listeners reviewed and liked.
    - **Move song:** Moves the song from the microSD™ card to the phone and from the phone to the microSD™ card.
    - **Lock song:** Locks the selected file to prevent accidental deletion.
    - **Erase song:** Erases the selected file.
    - **Erase all songs:** Erases all songs.
    - **Song Info:** Displays Title, Artist, Album, Genre, Copyright, Length, Size, Bit Rate, Format and License
    - **Rebuild Music Database:** refreshes library database.
  8. Press the up/down  Directional keys to highlight the song you want to listen to and press  **PLAY** to play the song.

9. During song playback, press the right soft key   
**Options** to switch to one of the following functions:





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**Note:** The song playing will automatically stop playing when this is done. To resume playing of the song, press **CLR**.

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- **Play All:** Selects all songs for playback.
  - **Shuffle:** Re-sorts the current playlist order.
  - **My Music:** Displays stored songs.
  - **Shop:** Allows you to shop for music.
  - **Listeners also liked:** Displays music other listeners reviewed and liked.
  - **Help:** Displays the help menu.
10. During song playback, press the  Directional key right to advance to the next song track in the current playlist, or press the  Directional key left to skip to the previous song track.

### Creating a Playlist

1. From the home screen, press  **MENU**. The  **Media Center** menu is highlighted. Press .
2. **Music & Tones** will be highlighted. Press .
3. Press **4<sub>ghi</sub>** **My Music**.

4. Press **S jkl Playlists**.
5. The **CREATE PLAYLIST** prompts appears. Enter the name of the playlist and press **OK**.
6. Highlight the song(s) to add to the new playlist and press **OK Mark** or the left soft key **Mark All**. Press the right soft key **Done**.
7. To return to the home screen, press the **END** key.

### Editing a Playlist

1. From the home screen, press **OK MENU**. The **Media Center** menu is highlighted. Press **OK**.
2. **Music & Tones** will be highlighted. Press **OK**.
3. Press **4 ghi My Music** and press **S jkl Playlists**.
4. Highlight the playlist you would like to edit and press the right soft key **Options**. Highlight **≡ def Edit playlist** and press **OK**.
5. To remove a song from the playlist, highlight the song and press the left soft key **Remove**.

6. To change the order of the songs in your playlist, highlight a song and press **OK Move**. Then press the **OK** Directional key up or down to move the song up or down in the playlist order. When you are finished, press **OK Save**.
7. To return to the home screen, press the **END** key.

### My Sounds

1. From the home screen, press **OK MENU**. The **Media Center** menu is highlighted. Press **OK**.
2. **Music & Tones** will be highlighted. Press **OK**.
3. Press **S jkl My Sounds**.
4. **Record New** is highlighted. Press **OK** to launch the **RECORD NEW** screen. Press **OK OK** to record.
5. During the recording, press **OK STOP** to stop and automatically save the recording to My Sounds or press the left soft key **Pause** to pause and resume the recording appropriately. Press **OK STOP** to save sound.

## **V CAST Music with Rhapsody® (PC Subscription and Downloads)**

**V CAST Music with Rhapsody®** is a digital music service that lets you listen to millions of songs from thousands of artists. Discover new and old favorites in an extensive music catalog. Download **V CAST Music with Rhapsody®** to sync tracks, albums, and playlists to your PC music library.

### **Sync Music**

Sync your music from your PC to your **V CAST Music with Rhapsody® (PC Subscription and Downloads)\*** wireless phone.

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**Note:** \*V CAST Over The Air Music downloads are not available. Music can be purchased and downloaded via V CAST Music with Rhapsody® through your PC. V CAST Music with Rhapsody® will work with Windows Vista, XP, or 2000 (Only 32-bit versions of Windows are supported.) Not available for Mac or Linux.

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This option allows you to transfer music files from your PC. In order to use this option, you must install **V CAST Music with Rhapsody®\*** on your PC.


1. Open V CAST Music with Rhapsody. Don't have V CAST MUSIC with Rhapsody? Download it for free at:  
[www.verizonwireless.com/music](http://www.verizonwireless.com/music)

2. Plug in the USB cable (purchased separately) to your phone and connect it to a USB port on your PC.

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**Note:** A compatible USB cable (sold separately) is required for syncing.

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3. From the main screen on your phone, the “**SYNC MUSIC V CAST MOBILE PHONE**” display appears. Your phone should display the message: “**Connected**”.
4. Drag and drop the song(s) you want to sync from My Library, to your phone, listed under the Sources tab.
5. Once synchronization is complete, press the  key and disconnect the USB cable (purchased separately).

### **Picture & Video**

This menu allows you to get new Pictures and Videos via Media Center and V CAST Video or take new Pictures or Videos using your phone's camera/camcorder. You can also view the saved pictures.


### **V CAST Videos**

V CAST, the next generation wireless technology that unveils a whole new multimedia experience at your fingertips, provides access to vibrant, full-color content from some of the biggest names in entertainment. V CAST is your link to video on demand,

which allows you to view or download video clips that contain breaking news, sports highlights, weather and more.








For additional information regarding V CAST Videos and its use, see [www.verizonwireless.com](http://www.verizonwireless.com).


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**Note:** To access and download videos, you must have the  icon displayed.




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### Browsing, Selecting and Playing Video Clips

1. From the home screen, press  **MENU**. The  **Media Center** menu is highlighted. Press .
2. Press  **Picture & Video**.
3. The **V CAST Videos** option is highlighted. Press .
4. Highlight the **V CAST Videos** category you want.
5. After choosing the category you want press . Choose a sub category, if applicable and press .
6. Highlight a video. You may press the right soft key  **Options** to read the description of the video clip.
7. To view the highlighted video, press  **VIEW**.

8. Highlight **Yes** to accept charges, if applicable, and then press . After connection and buffering occurs, the video clip begins.

### Downloading a Video Clip








1. Launch **V CAST Videos** and select a video you want to save. For information about launching your video player and choosing a video clip, review steps 1-5 of the previous section, “Browsing, Selecting and Playing Video Clips” above.
2. To download and save the highlighted video, press  **SAVE**. The video clip will be saved to **My Video**.
3. Highlight **Yes** to accept charges, if applicable, and then press . The video download begins.
4. Once the download is completed, “**Download Complete. Play video now?**” appears in the display.
5. Select **Yes** and press  to view the video, or select **No** to return to the **V CAST Videos** menu.

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**Note:** Not all video content available can be downloaded to your phone; however, all content is available for viewing.

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## Deleting Video Clips

1. From the home screen, press  **MENU**. The  **Media Center** menu is highlighted. Press .
2. Press  **Picture & Video**.
3. Press  **My Videos**.
4. Highlight the video you want to erase and press the left soft key  **Erase**.
5. Highlight **Yes** when the confirmation screen displays, then press .

## Configure Alerts for New Video Clips







1. Launch **V CAST Videos**.
2. Press the right soft key  **Options**.
3. Highlight **Alerts** and press .
4. Highlight **Configure alerts** and press .
5. Select the alert content you want, and press .
6. After reading terms, highlight **Save** to accept and press , or highlight **Cancel** to decline and press .

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**Note:** Fees apply for text messages/alerts both sent and received.


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## Get New Pictures

1. From the home screen, press  **MENU**. The  **Media Center** menu is highlighted. Press .
2. Press  **Picture & Video**.
3. Press  **Get New Pictures**.
4. Press  **Get New Applications**. Follow the on-screen prompts to download pictures and wallpaper from the Media Center server. Appropriate subscription charges may apply.

## My Pictures

**My Pictures** allows you to review the pictures taken with the camera feature or downloaded and stored into your phone and/or microSD™ card.

1. From the home screen, press  **MENU**. The  **Media Center** menu is highlighted. Press .
2. Press  **Picture & Video**.
3. Press  **My Pictures**.








4. Press the  Directional key in any direction to highlight a photo, and press  **VIEW** to view the highlighted picture. Press the right soft key  **Options** to select from the following options (depending on whether you choose to highlight or highlight and view a photo):


- **Send:** Launches the send submenu. Select one of the following:
  - **Picture Message:** Allows you to send the image in a Picture Message.
  - **To Online Album:** Sends picture to VZW Online Album storage.
- **Set As:** Set the picture as the Main Wallpaper, Front Wallpaper or Picture ID.
- **Take Picture:** Activates the camera.
- **Get New Pictures:** Allows you to download pictures and wallpaper from the Media Center server.
- **Manage My Pics:** Launches the Manage My Pics submenu.
- **Print:** Allows you to print the picture.
- **Zoom:** Enlarges the picture with the option to rotate the picture.
- **Rename:** Renames picture file name.
- **Move:** Moves the picture to the memory card.
- **Lock:** Allows you to lock the picture to prevent accidental deletion.
- **Full View:** Enlarges the picture to the full screen size.
- **File Info:** Provides the name, size, resolution, date and time to the selected picture.

5. Highlight your selection and press .

### Manage My Pics

**Manage My Pics** allows you to organize your pictures. You can create a slide show with selected pictures, move your pictures from the phone's internal memory to a microSD™ memory card or from the memory card to the phone's internal memory. You can also erase selected pictures or lock them to prevent accidental deletion.

1. From the home screen, press  **MENU**. The  **Media Center** menu is highlighted. Press .
2. Press  **Picture & Video**.
3. Press  **My Pictures**.
4. Press the right soft key  **Options** and press  **Manage My Pics**: Select from the following options:
  - **Erase:** Allows you to erase selected picture files.
  - **Make Slide Show:** Allows you to create a slide show with selected pictures.
  - **Print:** Allows you to print the picture.
  - **Move:** Allows you to move selected pictures. The following options display:

- **To Card:** Allows you to move selected pictures from the phone's internal memory to the memory card. (Memory card needs to be inserted for this option)
  - **To Phone:** Allows you to move selected pictures to the phone's internal memory.
  - **Lock:** Allows you to lock selected pictures to prevent accidental deletion.
  - **Unlock:** Allows you to unlock selected pictures.
5. Highlight your selection and press .

### Make a Slide Show










Create a slide show with Make Slide Show.

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**Note:** To create a slideshow, you must have a minimum 4 pictures and a maximum of 18.


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1. From the home screen, press  **MENU**. The  **Media Center** menu is highlighted. Press .
2. Press  **Picture & Video**.
3. Press  **My Pictures**. Press the right soft key  **Options**. Press  **Manage My Pics**.
4. Press  **Make Slide Show**.

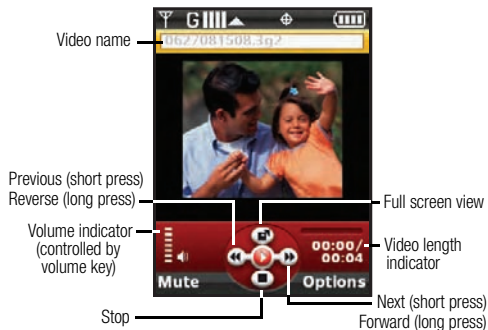
5. Highlight the desired picture(s) and press  **MARK**, or press the right soft key  **Mark All** then press left soft key  **Done**.
6. Press the right soft key  **Options** and select  **Preview** to preview the slide show. Press  to return to **MAKE SLIDE SHOW** screen. Press  **SAVE** to save the slide show. Enter the name of the slide show where prompted, and press . In the **MY PICTURES** screen, a  icon will appear in the upper left corner of the thumbnail view of the slide show.

### My Videos

**My Videos** allows you to review videos taken with the camcorder feature or downloaded and stored into your phone and/or microSD™ card. Video clips you save are stored in **My Videos**. You can access video clips without launching the **V CAST Videos** application and delete your saved video clips directly.

1. From the home screen, press  **MENU**. The  **Media Center** menu is highlighted. Press .
2. Press  **Picture & Video**.
3. Press  **My Videos**.









- Press the  Directional key to highlight a video and press  **PLAY**. While the video is playing, press the left soft key  **Mute**, to mute the sound if desired.
- Press the right soft key  **Options** to select from the following options:
  - My Videos:** Returns to the **My Videos** menu.
  - File Info:** Displays the video Name, Rating (in fps), File Size, Resolution, Duration, Date and Time.
  - Help:** Displays the video player controls. Repeatedly pressing the  Directional key right or left, will place the cursor on each of the control buttons and will display the function.




- After playing the video, press  to exit the playback screen.
- Press the right soft key  **Options** to select from the following options:
  - Send:** Launches the send submenu. Select one of the following:
    - Video Message:** Allows you to send the video in a Video Message.
    - To Online Album:** Sends videos to VZW Online Album storage.
  - Record Video:** Activates the camcorder.
  - V CAST Videos:** Launches the internet to get online videos.
  - Set As Wallpaper:** Sets the selected user generated video as wallpaper for the main display.
  - Manage My Videos:** Launches the Manage My Videos submenu.
  - Rename:** Allows you to rename user generated videos.
  - File Info:** Provides the name, rating, size, resolution, duration, date and time of the selected video.
- Highlight your selection and press .




### Manage My Videos

**Manage My Videos** allows you to organize your videos. You can move your videos from the phone's internal memory to a microSD™ memory card or from the memory card to the phone's internal memory. You can also erase selected videos or lock them to prevent accidental deletion.

1. From the home screen, press  **MENU**. The  **Media Center** menu is highlighted. Press .
2. Press  **Picture & Video**.
3. Press  **My Videos**.
4. Press the right soft key  **Options** and press  **Manage My Videos**: Select from the following options:
  - **Manage My Videos**: Launches the Manage My Videos submenu. Select one of the following:
    - **Erase**: Allows you to erase selected videos from the gallery except for locked videos.
    - **Move**: Allows you to move selected videos to:
      - To Card**: Allows you to move selected videos to the memory card. (Memory card needs to be inserted for this option.)
      - To Phone**: Allows you to move selected videos to the phone's internal memory.
    - **Lock**: Allows you to lock selected videos to prevent accidental deletion.
    - **Unlock**: Allows you to unlock selected videos.
5. Highlight your selection and press .

### Take Pictures





1. With the flip open, press the **Camera/Camcorder** key  on the right side of the phone.

2. Press the left soft key  **My Pics** to view images already saved to your phone. Press the right soft key  **Options**, to choose the specific camera settings. Press the  Directional key up or down to advance to each setting category, and to make selections within each category. The following categories are available:
  - **Settings**: Allows you to customize your image settings.
    - **Color Effects**: Allows you to set this option from the following choices: Normal, Black & White, Antique, Negative, Aqua and Green.
    - **White Balance**: Allows you to set this option from the following choices: Auto, Sunny, Cloudy, Tungsten, or Fluorescent.
    - **Memory**: Allows you to select the location for saved pictures. Save to phone or microSD™ card.
    - **Auto Name**: Turn Auto Name Off or On
    - **Preview Mode**: Allows you preview the image in Full screen or Standard screen.
    - **ISO**: Auto, 100, 200, or 400.
    - **Metering**: Average, Center, Spot
    - **Icon Display**: Allows you to hide or view the camera icons in the display. Select Display All, Partial, Guideline, No Icons.
    - **Sound Effect**: Allows you to select Ready Sound and/or Shutter Sound.


**Ready Sound:** The sound you hear before you capture the image. Off, Say Cheese!, Look Here!, 1,2,3!

**Shutter Sound:** Allows you to select a shutter sound. Off, Shutter, OK, Melody.




– **Reset Settings:** Return camera options to default settings.

- **Night Shot:** Allows you to turn Night Shot Off or On.
  - **Self Timer:** 3 Seconds, 5 Seconds, 10 Seconds or Off.
  - **Quality:** Fine, Normal, or Economy.
  - **Resolution:** (1600x1200), (1280x960), (640x480), (320x240), (160x120).
  - **Multi-Shot:** Series Shot, Divided Shot or Panorama Shot.
  - **Camcorder:** Switches from Camera to Camcorder
3. Press  **TAKE** to capture a picture. Press the right soft key  **Erase** to delete it or press the left soft key  **Save** to save the picture to the gallery.
  4. To exit the camera, press the  key.

## Taking a Picture with the flip closed


1. Press and hold the **Camera/Camcorder** key  on the right side of the phone. The external LCD will display: “SELECT TO” and will show “Take Picture “ and “Record Video”.








2. With “Take Picture” highlighted, press **Play/Pause** () **OK** to select.
3. Press **TAKE** () or press the **Camera/Camcorder** key  to capture a picture. The picture is automatically saved to **My Pics**.

## Record Video








This menu launches the camcorder.

1. With the flip open, press and hold the **Camera/Camcorder** key  on the right side of the phone. The camcorder is now active.

- ▶ Pressing the left soft key  **Videos** previews previously recorded or downloaded videos.
  - ▶ Pressing the right soft key  **Options** will display the specific video settings.
2. To view the specific video settings, press the right soft key  **Options** while the camcorder is active.
  3. Press the  Directional key up or down to advance to each setting category. Press the  Directional key right or left to make selections within each category.

The following categories are available:

- **Settings:** Allows you to customize your video settings.
  - **Color Effects:** Normal, Black & White, Antique, Negative, Aqua and Green
  - **White Balance:** Auto, Sunny, Cloudy, Tungsten, or Fluorescent.
  - **Memory:** Allows you to select the location for saved videos. Save to phone or microSD™ card.
  - **Auto Name:** Allows you to set Auto Name to On or Off. The file is saved and file name is selected automatically.
  - **Icon Display:** Allows you to hide or view the camcorder icons in the display when recording a video. Display All, Partial, No Icons.
  - **Sound Effect:** Allows you to select the Start Sound and/or End Sound
    - Start Sound:** Set the start sound you will hear when you capture a video. Beep, Look Here!, 1,2,3! or Off.
    - End Sound:** Set the end sound you will hear when you finished capturing a video. Beep-beep-beep, Melody, Off or OK.
- **Reset Settings:** Return camcorder options to default settings.

- **Recording Time:** Limit for Send (up to 30 seconds), For Save (up to 10 minutes)
  - **Self Timer:** 3 Seconds, 5 Seconds, 10 Seconds or Off.
  - **Quality:** Fine, Normal or Economy.
  - **Resolution:** (320x240) and (176x144)
  - **Camera:** Switches from Camcorder to Camera
4. Press  to save any changes you may have made to the video settings.
  5. Press  **REC** to begin recording. Press the left soft key  **Pause** to pause the recording, then **Resume** to resume the recording, or  **STOP**.
  6. Press the left soft key  **Save** or the right soft key  **Erase**.
  7. To exit the camcorder, press the  key.

---

**Note:** If you receive an incoming call while using your camcorder, the video recording is stopped. You will be presented with the call Ignore / Accept screen. If you ignore the call, then you are given the choice to Save, Play or Erase the video. If you accept the call, then your video is auto-saved and the camcorder application exits in the background.

---

---


**Note:** If the battery level becomes too low while you are recording, the recording is stopped and the video is auto-saved. The low battery indicator will be displayed and you will exit from the camcorder application. If your battery is too low then the phone will power down without saving the video.

---

**Note:** If you receive a text message, a multi-media message or a voicemail while you are recording, the video recording is stopped. You are given the choice to View Now or View Later. If you choose later, you are given the chance to Save, Play or Erase the video. If you want to view the message now, the video is auto-saved and the camera application exits in the background.

---

### Recording a Video with the flip closed

1. With the flip closed, press and hold the **Camera/Camcorder** key  on the right side of the phone.
2. “**Take Picture**” is highlighted, press **Fast Forward** (▶▶) to highlight **Record Video**.
3. Press **Play/Pause** (▶||) **OK** to select.
4. Press the **Play/Pause** (▶||) **REC** to record video.
5. Press the **Play/Pause** (▶||) **STOP** to stop and save recording.
6. The video is automatically saved to My Videos folder.







### Online Album

Stores pictures and videos to your online album.

---






**Note:** You must first setup your account on the Verizon Wireless website: [www.verizonwireless.com](http://www.verizonwireless.com) before establishing a connection.




---

1. From the home screen, press  **MENU**. The  **Media Center** menu is highlighted. Press .
2. Press  **Picture & Video**.
3. Press  **Online Album**. The VZW Online Album sign-on screen displays.
4. Enter your **Mobile Number** and **Password**. Highlight **Sign In** and press . You are now connected to your online album.

### Games

Select from several fun and interesting applications or a broad category of games that you can play on your phone.

1. From the home screen, press  **MENU**. The  **Media Center** menu is highlighted. Press .
2. Press  **Games**.
3. Press  **Get New Applications**.

4. Press the  Directional key up or down to make a selection and press .
5. Choose the charge **Either Subscription or Unlimited**, then press . Follow in screen prompts to apply.

## Mobile Web

Browse the Internet from your phone with **Mobile Web**.

---

**Note:** Mobile Web is not available in **GSM Mode**.



---

1. From the home screen, press  **MENU**. The  **Media Center** menu is highlighted. Press .
2. Press  **Mobile Web**.

---

**Tip:** Alternatively to launch the Verizon Wireless Mobile Web, press the  Directional key up.

---

3. The browser is launched and a pop up screen with available applications is displayed. Press the  Directional key to browse the categories.
4. Once the desired category is highlighted, press  to enter the category list.








When you use Mobile Web, some of the keys operate differently than during a normal phone call. It presents on-screen items in any of the following ways:

- Text or numeric input
- Links (embedded in content)
- Numbered options (some options may not be numbered)
- Simple text

You can utilize the options or links by using the soft keys.

## Browse & Download

Download applications that keep you in touch with the world, keep you organized, and help you find the coolest spots.








1. From the home screen, press  **MENU**. The  **Media Center** menu is highlighted. Press .
2. Press  **Browse & Download**.
3. **Get New Applications** is highlighted. Press .
4. Highlight the application to download and press .
5. Follow on screen subscription prompts and press . The download process begins. At the “App installed successfully. Would you like to run it?” prompt, press **Yes** to launch application, or **No** to return to category list.

---

**Note:** The Tools on the Go menu will display all downloaded applications, with the most current download first.

---

## Extras

1. From the home screen, press  **MENU**. The  **Media Center** menu is highlighted. Press .
2. Press  **Extras**.
3. **Get New Applications** is highlighted. Press .
4. Highlight the desired application to download and press .
5. Follow on screen subscription prompts and press . The download process begins. At the “App installed successfully. Would you like to run it?” prompt, press **Yes** to launch application, or **No** to return to category list.

## Section 10: Tools

The topics covered in this section allow you to schedule appointments, view the calendar, set an alarm, view time zones, take notes, and perform simple math calculations.

---

**Note:** All instructions on accessing or changing the features will begin from the **SETTINGS AND TOOLS** menu.

---

### Voice Commands





For more information, refer to “Voice Commands” on page 29.







### Calculator


You can perform calculations, including addition, subtraction, multiplication and division using your phone.

#### Normal

**NOTE:** The menu navigation instructions for this section uses the default **Twilight** display theme, **Grid** menu layout.








1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Tools**,  **Calculator**,  **Normal**.  
The Calculator opens.

4. Enter the first number in your equation using the keypad.  
(Numbers can be up to fifteen digits long.)
5. Press the right soft key  **Operator** to display a pop-up menu which allows you to enter a Parenthesis or Power if desired. Press the left soft key  **Clear** or  to clear all data entered.
6. Press  to change the sign for a number to a negative.
7. Press  to add a decimal point.
8. Use the  Directional key to set the type of calculation you wish to perform. Your choices are as follows:
  - **Up key:** [+]  
Addition
  - **Down key:** [-]  
Subtraction
  - **Right key:** [x]  
Multiplication
  - **Left key:** [÷]  
Division
9. Use the keypad to enter the second number into your equation.


10. Press  (=) to perform the calculation and view the result.

### Tip

Calculates the tip and determines how much each person should pay.

1. From the home screen, press  MENU.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Tools**,  **Calculator**,  **Tip**. The **Tip Calculator** opens.
4. Populate the following fields:
  - **Bill**: enter the amount of the bill.
  - **Tip**: enter the tip percentage.
  - **# Paying**: enter the amount of people paying.

---

**Note:** Press the  key to enter a decimal point.










---

5. In the area below, the calculator will automatically display the Tip, total bill including the tip, and the share of the bill for each person.



### Converter

The **Converter** menu provides the following conversion categories:


- Temperature
- Length
- Weight
- Area
- Volume
- Currency

1. From the home screen, press  MENU.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Tools**,  **Calculator**,  **Converter**.
4. Scroll to the conversion feature you wish to use and press the  key.
5. Press the  Directional key left or right to select the **From** units of money or measure for the quantity you want converted.
6. Enter the quantity you want converted in the text box.

---

**Note:** Press the  key to enter a decimal point. Press  to change the sign for a number to a negative.








---

Press the  Directional key left or right to select the **To** units of money or measure for the quantity you want converted.

## Calendar



Schedule up to eight events for any day by indicating each event's start and end time. Set alarms for events so that you can be alerted before an event takes place. Events scheduled for future dates automatically appear on your Today events schedule for the present day.

### Add a new event









1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Tools**,  **Calendar**. The calendar appears in the display with the current date highlighted.
4. To view available options, press the right soft key  **Options**. A pop-up menu appears in the display that contains the menu items.
  - **Weekly:** View the current week.



- **Go To Date:** Go to any date that you specify.
- **Go to Today:** View today's events.
- **Erase Old:** Select a past event to delete.
- **Erase All:** Delete all events in your calendar.
- **Send via Bluetooth:** Sends a selected event to another Bluetooth enabled device.













5. Press the left soft key  **Add** to add a new event.
6. The **Appointment name** field is highlighted. Enter the name and press the  Directional key down to move to the following fields:
  - **Start Date:** Enter the start date for the event.
  - **Start Time:** Enter the start time for the event.
    - am/pm: Select from am or pm for the start time.
  - **End Date:** Enter the end date for the event.
  - **End Time:** Enter the end time for the event.
    - am/pm: Select from am or pm for the end time.
  - **Recurrence:** Select the frequency of the event.
  - **Alert:** Sets the alarm for the event. Select from Tone, Vibrate, or Light Only.
  - **Reminder:** Set a reminder before the event. Select Off, Once, Every 2 Minutes, Every 15 Minutes.

- **Alert Time:** Set the Alert Time to sound before the event takes place.
7. Fill in and select event details by pressing the  Directional key in any direction and using the alphanumeric keypad.
  8. Press . The event is saved.

### View an event

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Tools**,  **Calendar**.
4. A calendar appears in the display with the current date highlighted.
5. Press the  Directional key in any direction to highlight the date containing the event that you wish to view or press the right soft key  **Options**.  
In the pop-up menu that appears in the display, press the  Directional key up or down to highlight **Go To Date**,

then press . Enter the desired date in the box, then press . The month that you entered appears in the display with the event date highlighted.













6. Press  **VIEW** to view event details for the date.
7. To edit the event, press  **VIEW**, press the left soft key  **Edit**. Make changes, then press  **SAVE**.
8. Press the right soft key  **Options**. A pop-up menu appears in the display.
9. To see the selected date in a month view, press  **Monthly**.
10. To see the selected date in a week view, press  **Weekly**.
11. To erase the current event, press  **Erase**. A pop-up menu appears with **Yes** highlighted. Press  to erase, or highlight **No** to cancel.
12. To send an event to another Bluetooth enabled device, press  **Send via Bluetooth**.
13. Press  **MARK** or press the right soft key  **Mark All**.






14. Press the left soft  key **Done**. For more information on sending a calendar event, see “*Transferring vCalendar events via Bluetooth*” on page 85.

## Alarm Clock








Your phone has an alarm clock that can be set to go off once, or recur daily at a specific time. Once set, the alarm clock is easy to change or turn off.




### Set An Alarm

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Tools**,  **Alarm Clock**. The **Alarm Clock** menu displays with **Alarm 1** highlighted.
4. The following options appear in the display:
  - Alarm 1
  - Alarm 2
  - Alarm 3
5. Press the  Directional key up or down to highlight the alarm that you wish to enable, then press . The Set Alarm (1, 2, or 3 depending on your selection) screen appears in the display.
6. The Alarm field is highlighted. Select **On** or **Off**.
7. Highlight the **Time** field, then enter the time that you wish for the alarm to sound.
8. Press the  Directional key down once to highlight the am/pm field. Press the  Directional key left or right to select **am** or **pm**.
9. Press the  Directional key down once to highlight the **Frequency** field. Press the  Directional key left or right to set the frequency (occurrence) of the alarm. Below lists and defines the options for this field.
  - **Once**: The alarm sounds only once, at the time specified.
  - **Daily**: The alarm sounds every day at the time specified.
  - **Mon-Fri**: The alarm sounds Monday through Friday at the time specified.
  - **Weekends**: The alarm sounds Saturday through Sunday at the time specified.

- Press the  Directional key down once to highlight the first **Ringer** field. Press the  Directional key left or right to set the ringer to Tone, Vibrate, or Light Only.
- If you selected Tone, press the  Directional key down again to highlight the second field. Press the  Directional key left or right to set the alert tone to **VZV Default Tone**, or select a tone from **My Ringtones**.
- When all fields have correct information entered, press  **SAVE** to save your settings.

### Disable an alarm before it sounds

- From the home screen, press  **MENU**.
- Press the  Directional key to highlight  **Settings & Tools** and press .
- Press  **Tools**,  **Alarm Clock**. The **Alarm Clock** menu displays with the **Alarm 1** highlighted.
- Highlight the alarm you wish to disable, then press the right soft key  **Options**. A pop-up menu appears in the display.

- Press  **Turn Off** to turn the highlighted alarm off.  
Press  **Reset** to reset the highlighted alarm or press  **Reset All** to reset all of the alarms.

### Snooze

---

**Note:** When an alarm sounds, a menu screen displays that allows you to either turn the alarm off or to have the alarm ring again after 5 minutes.

---

### Stop Watch

This feature allows you to use a stopwatch. Press the  **START** to start the stopwatch. Press  **STOP** to stop stopwatch. Press the right soft key  **Reset** to erase recorded stopwatch time.











- From the home screen, press  **MENU**.
- Press the  Directional key to highlight  **Settings & Tools** and press .
- Press  **Tools**,  **Stop Watch**. **Stop Watch** display appears.
- Press the  **START** to start the stopwatch.
- Press the left soft key  **Record** to record split times.
- Press  **STOP** to stop stopwatch.

7. Press the right soft key  **Reset** to erase recorded stopwatch time. To return to the home screen, press











## World Clock

World Clock allows you to view the time of day or night in any part of the world.

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Tools**,  **World Clock**.
4. Use the left soft key  **Cities** to display the 45 supported cities. Select a city and press  to view your entry.
5. Press the right soft key  **Options** to view these options:
  - **Set As Local Time:** Sets the reference time zone according to the city chosen in the Cities field.
  - **Turn DST On/Off:** Sets the Daylight Savings time option.
6. You can scroll through other cities by pressing the  Directional keys left or right.

## Notepad

Create and store notes in Notepad. Return to Notepad anytime to review and edit your notes.

1. From the home screen, press  **MENU**.
2. Press the  Directional key to highlight  **Settings & Tools** and press .
3. Press  **Tools**,  **Notepad**.
4. If you have any stored notes, they appear as a list in the display. If this is your first time in Notepad, **No Notes** displays. To add a new note, press the left soft key  **Add**, then enter the note using the keypad.
5. While entering a note, press the left soft key  **Abc**, to display a pop-up menu with the following text entry modes
  - Word
  - Abc
  - ABC
  - 123
  - Symbols

---

**Tip:** Press and hold to cycle through text entry mode types (Word, Abc, and 123).

Press to cycle between lower case, all caps, and initial caps.

---

6. Select a text entry mode and press or press to exit the pop-up menu.
7. When you're finished entering details for the note, press . The note is saved.

### Review, Edit, and Erase Notes

1. From the home screen, press **MENU**.
2. Press the Directional key to highlight **Settings & Tools** and press .
3. Press **Tools**, **Notepad**. The **Notepad** menu opens. If you have any stored notes, they appear as a list in the display.
4. With a note highlighted, press the right soft key **Options**. A pop-up menu with the options listed in the following table appears in the display:
  - **Edit:** Edit the note currently highlighted or appearing in the display.
  - **Erase:** Erase the note currently highlighted or appearing in the display.

- **Erase Notes:** Allows you to erase selected notes. Press **Mark** to mark a specific note to be erased or press the right soft key to **Mark All**. Press the left soft key **Done** to erase the notes.
  - **Lock/Unlock:** Locks or unlocks the entry to prevent accidental deletion.
5. Highlight an option or press to exit the menu.
  6. Press to perform the highlighted option's function.

### Current Country



The **Current Country** menu allows you to select your current location.

---

**Note:** If you travel to a different country, the network may not report the correct location. In that case, you will see a pop-up message that states "**PLEASE VERIFY YOUR CURRENT LOCATION**". Press to access the country selection list.

---

1. From the home screen, press **MENU**.
2. Press the Directional key to highlight **Settings & Tools** and press .
3. Press **Phone Settings**.
4. Press **Current Country**.

5. If your current location is not highlighted, press the  Directional key up or down to highlight the appropriate country and press .

## Section 11: Dashboard with Mobile Web 2.0

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This section outlines the mobile web options available.

### Dashboard with Mobile Web 2.0

Dashboard is a graphically rich front end to all of Verizon Wireless' data products and services. It provides access to Mobile Web 2.0 and quick and easy access to Verizon Wireless information.

---

**Note:** This feature is currently unavailable outside of the United States. Only available within the Verizon Wireless Enhanced Services Area.

Any time the service indicator icon is visible, you are connected to the Internet and billed accordingly. Rates and prices vary according to your service contract. For further information on billing contact Verizon Wireless.


---




### Accessing Mobile Web 2.0 through Dashboard

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**Note:** This feature is currently unavailable outside of the United States. Only available within the Verizon Wireless Enhanced Services Area.

---

1. From the home screen, press the  Directional key up to launch Dashboard.




2. The Mobile Web 2.0 channel is highlighted, press  to enter the channel.
3. Press the  Directional key in any direction to browse the categories.
4. Once the desired category is highlighted, press  to enter the category list.

### Exit Dashboard with Mobile Web 2.0






To exit the Mobile Web, press the  key.

### Channels






#### Selecting a Channel

1. From the home screen, press the  Directional key up to launch Dashboard. A list of channels displays.
2. Use the  Directional key to browse through the channels.
3. Once the desired category is highlighted, press  to enter the selected category.

### Adding a Channel

1. From the home screen, press the  Directional key up to launch Dashboard. A list of channels displays.
2. Use the  Directional key to highlight **Get Channels** and press .
3. Select the channel you want to add and press .
4. Confirm by pressing the right soft key  **Add**.

### Deleting A Channel

1. From the home screen, press the  Directional key up to launch Dashboard. A list of channels displays.
2. Select the channel you to delete and press the right soft key  **Options**.
3. Use the  Directional key to highlight **Remove Channel** and press .
4. Press the left soft key  **OK** to confirm.

### Options for Dashboard with Mobile Web 2.0

Press the right soft key to display the following options:

- **Select:** Opens the highlighted channel.
- **Channel Preferences:** Set channel preferences for highlighted channel.
- **Remove Channel:** Deletes highlighted channel.
- **Get Channels:** Select to add new channels.
- **Refresh Channel Content:** Select to refresh channel content.
- **Preferences:** Set Volume, and Update preferences.
- **About:** Provides information about Dashboard.
- **Exit:** Select to return to idle mode.

## Navigate the Web

---

**Note:** This feature is currently unavailable outside of the United States. Only available within the Verizon Wireless Enhanced Services Area.

---

When you use Mobile Web, some of the keys operate differently than during a normal phone call.

Mobile Web presents on-screen items in any of the following ways:

- Text or numeric input
- Links (embedded in content)
- Numbered options (some options may not be numbered)
- Simple text


You can act on the options or links by using the soft keys.

## Mobile Web Soft Keys

---

**Note:** This feature is currently unavailable outside of the United States. Only available within the Verizon Wireless Enhanced Services Area.

---

At the bottom of the Mobile Web display contains the browser commands. The left  and right  soft keys on the keypad are used to perform the commands in the display. These are called “soft keys” because their function changes depending where you are in the application.

### How Mobile Web keys work

The following table lists Mobile Web keys and functions.



**Directional Key:** Press the directional key in any direction to browse lists and highlight options.



**CLR Key:** A browser back-up key. Press once to back up one page. Press and hold to go back to Mobile Web home page.

Press to clear the last number, letter, or symbol entered. Press and hold to completely clear the display.



**Numbers 1 - 9:** Use the number keys to select items in a menu if they are numbered.



**END Key:** Press to exit Mobile Web and return the phone to home screen.



**Left Soft Key:** Press the left soft key to go to the highlighted web link and/or perform the function above it in the display.



**Right Soft Key:** The right soft key is the Menu key. Press this key to display a pop-up menu with several options.





**SEND Key:** Press to dial a highlighted number.

## Links

---

**Note:** This feature is currently unavailable outside of the United States. Only available within the Verizon Wireless Enhanced Services Area.

---


Links can serve several purposes, such as jumping to a different page, to a different site, or initiating a phone call. Links are underlined (  ). Normally, the left soft key  or  is used to select a highlighted link.

## Place a Call While Using Dashboard with Mobile Web 2.0

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**Note:** This feature is currently unavailable outside of the United States. Only available within the Verizon Wireless Enhanced Services Area.

---

You can place a call while using Mobile Web if the website supports this feature. Press the appropriate soft key to call the number. In most cases you can also press  to call the number. The Internet connection terminates when you initiate the call. After you end the call, the Resume Browser screen displays.

## Section 12: Health and Safety Information

---

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

### Health and Safety Information

#### *Exposure to Radio Frequency (RF) Signals*

##### **Certification Information (SAR)**

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of

absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC 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 antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that

contains no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- Head: 0.958 W/Kg.
- Body-worn: 0.769 W/Kg.

SAR information on this and other model phones can be viewed online at <http://www.fcc.gov/oet/ea>. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at [www.fcc.gov/cgb/sar](http://www.fcc.gov/cgb/sar).

## **Samsung Mobile Products and Recycling**

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: <https://fun.samsungmobileusa.com/recycling/index.jsp> for more information.

## **UL Certified Travel Adapter**

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

**FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE**

**IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.**

**DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.**

**FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.**

## **Consumer Information on Wireless Phones**

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

### ***What kinds of phones are the subject of this update?***

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

### ***Do wireless phones pose a health hazard?***

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

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

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the

health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

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

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

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

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

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

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

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

### ***What are the results of the research done already?***

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with

cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures.

However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

### ***What research is needed to decide whether RF exposure from wireless phones poses a health risk?***

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can

provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

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

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

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

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.

CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

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

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

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

away from your body or use a wireless phone connected to a remote antenna.

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

### ***What about children using wireless phones?***

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

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000.

They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it

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

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

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

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

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing

more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims.

According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

### ***What about wireless phone interference with medical equipment?***

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested

wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 12/1/2006):

- FCC RF Safety Program:  
<http://www.fcc.gov/oet/rfsafety/>
- Environmental Protection Agency (EPA):  
<http://www.epa.gov/radiation/>
- Occupational Safety and Health Administration's (OSHA):  
<http://www.osha.gov/SLTC/radiofrequencyradiation/index.html>
- National Institute for Occupational Safety and Health (NIOSH):  
<http://www.cdc.gov/niosh/homepage.html>
- World Health Organization (WHO):  
<http://www.who.int/peh-emf/>

- International Commission on Non-Ionizing Radiation Protection:  
<http://www.icnirp.de>
- National Radiation Protection Board (UK):  
<http://www.hpa.org.uk/radiation>
- US Food and Drug Administration  
<http://www.fda.gov/cellphones>

## Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.

3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

**"The wireless industry reminds you to use your phone safely when driving."**

For more information, please call 1-888-901-SAFE, or visit our web-site [www.ctia.org](http://www.ctia.org).

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**Important!** If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

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Provided by the Cellular Telecommunications & Internet Association.

## Responsible Listening

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**Caution!** Avoid potential hearing loss.

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Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, you noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.

- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

#### **American Academy of Audiology**

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: [info@audiology.org](mailto:info@audiology.org)

Internet: <http://www.audiology.org>

#### **National Institute on Deafness and Other Communication Disorders**

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Voice: (301) 496-7243

Email: [nidcdinfo@nih.gov](mailto:nidcdinfo@nih.gov)

Internet: <http://www.cdc.gov/niosh/topics/noise/default.html>

#### **National Institute for Occupational Safety and Health**

Hubert H. Humphrey Bldg.

200 Independence Ave., SW

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

Internet: <http://www.cdc.gov/niosh/topics/noise/default.html>

### **Operating Environment**

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

## Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

### *Implantable Medical Devices*

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;

- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see:

<http://www.fcc.gov/oet/rfsafety/rf-faqs.html>

## FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids.

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless 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 a rating system for wireless phones, to assist hearing device users find 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 located on the box.

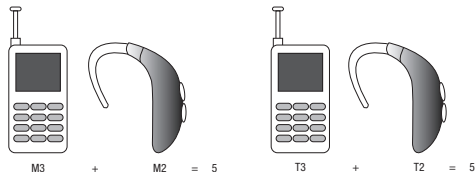
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate 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 generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5

is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules.

The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

### **Other Medical Devices**

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

### **Vehicles**

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

### **Posted Facilities**

Switch your phone off in any facility where posted notices require you to do so.

### **Potentially Explosive Environments**

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks

in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.


### **Emergency Calls**

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone

networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number).  
Emergency numbers vary by location.
3. Press the  key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

### **Restricting Children's access to your Phone**

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

## **FCC Notice and Cautions**

### **FCC Notice**

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

### **Cautions**

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

## **Other Important Safety Information**

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

## **Product Performance**

### ***Getting the Most Out of Your Signal Reception***

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the

signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

### ***Understanding the Power Save Feature***

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

### ***Understanding How Your Phone Operates***

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

### ***Maintaining Your Phone's Peak Performance***

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call. For more information, refer to *“Turning Bluetooth On or Off”* on page 83.
- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

### **Availability of Various Features/Ring Tones**

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

### **Battery Standby and Talk Time**

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

### **Battery Precautions**

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not modify or remanufacture the battery as this could result in serious safety hazards.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the

operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.

- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage, or other serious hazard.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are

particularly affected by temperatures below 0 °C (32 °F).

- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

## Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
  - Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
  - Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
  - Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
  - Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
  - Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
  - Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
  - Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
  - Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
  - If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
  - If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

## Section 13: Warranty Information

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### Standard Limited Warranty

#### What is Covered and For How Long?

SAMSGTELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

**What is Not Covered?** This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number

removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

**What are SAMSUNG's Obligations?** During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service

facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG.

If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

**WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?**

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY

OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES/PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE

OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES/PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE/PROVINCE TO PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS. THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT

IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRDPARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

### **Precautions for Transfer and Disposal**

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

---

**Important!** Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

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Customer Care Center:

1000 Klein Rd.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Samsung Telecommunications America, LLC

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG (726-7864)

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**Important!** If you are using a handset other than a standard numeric keypad, dial the numbers listed in brackets.

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Phone: 1-888-987-HELP (4357)

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