

# SCH-a630 Series

A L L D I G I T A L

M O B I L E P H O N E

User Guide

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



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## Section 1: Getting Started

### Topics Covered

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- Activating Your Phone
  - Setting Up Your Voicemail
  - Understanding this User Manual
- 

This section allows you to start using your phone by activating your service, setting up your Voicemail, or getting an understanding of how this manual is put together.




Section 1

## Activating Your Phone

Contact Verizon Wireless and follow their instructions for obtaining service. We suggest that you read this guide to fully understand the services your phone supports.

### Turn your phone on


1. Open the folder, then press and hold  for two or more seconds.

---


**Note:** As with any other radio-transmitting device, do not touch the antenna as it affects call quality and may cause the phone to operate at a higher power level than is necessary.

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2. Your service provider's name momentarily appears in the display and the phone begins searching for a network signal.
3. Once the phone finds a signal, the time, date, and day appear in the display.
4. You're now ready to place and receive calls.

If the phone is outside of the Verizon Wireless coverage or roaming area,  appears in the top of the display.

### Turn your phone off

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

---

**Note:** If your phone is on and you press  for less than a second, the phone will not power off. This prevents your phone from being turned off accidentally.

---

## Setting Up Your Voicemail





Voicemail allows callers to leave voice messages, which can be retrieved any time.

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**Note:** Once your Voicemail account has been set up, you can use the Voice Mail folder (under the Message menu) to view details of voice messages in your voice mailbox.

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### Voicemail Setup—New Customer

1. In standby mode, press and hold the  key, enter   , or dial your own mobile number to access Voicemail.
2. Follow the prompts in the voice tutorial to setup your account.

### Listen to Voicemail

1. In standby mode, press and hold the  key, enter  , or dial your own mobile number to access Voicemail. You will hear a prompt to enter your password.
2. Enter your password, then press .
3. Follow the recorded prompts to listen to messages, change administrative options, and so on.

## 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 169.

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 page 133.

### 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.
- **Fast Facts:** Are like snippets from the glossary. Fast facts provides definitions in context and proximity to the menu or feature in question.
- **Important:** Points out important information about the current feature that could affect performance, or even damage your phone.

## Section 2: Understanding Your Phone

### Topics Covered

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- Features of Your Phone
  - Front View of Your Phone
  - Command Keys
  - Understanding the Display Screen
  - Battery
- 

This section outlines some key features of your phone. It also displays the screen and the icons that are displayed when the phone is in use.

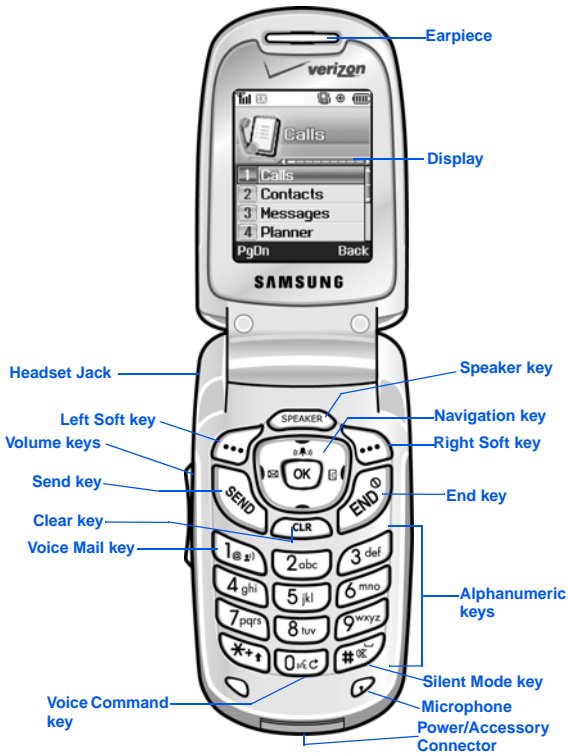
## Features of Your Phone

- Domestic and international voice and text messaging service (available on participating networks).
- High speed data (CDMA 2000 1x Technology)
- Global Positioning (GPS) Technology
- 128 x 160 pixel color Liquid Crystal display
- PIM functions (Scheduler, To Do List, etc.)
- TXT Messaging
- Enhanced Message Service (EMS)
- Voice Dial
- Speaker phone
- 32-Tone Polyphonic Ringtones

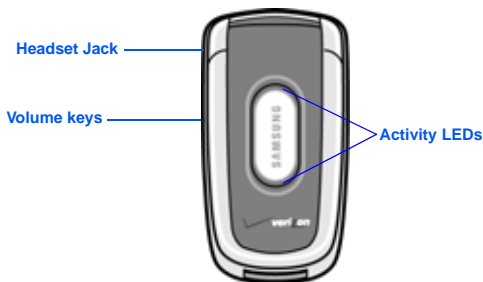


## Front Views of Your Phone

The following illustrations show the main elements of your phone:



Section 2



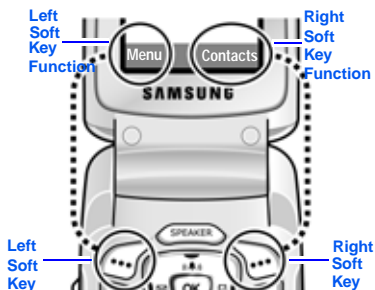
## Command Keys

Functions for the soft keys are defined by what appears above each in the display. There are two soft keys, the left soft key (☰) and the right soft key (☷).

### Left soft key

Some functions of the left soft key are as follows.

- When the left soft key function in the display is **Menu**, press the **Menu** (left) soft key (☰) to open the menu list.
- When the left soft key function is **Option**, press the **Option** (left) soft key (☰) to view options in some features.
- When the left soft key function is **Edit**, press the **Edit** (left) soft key (☰) to edit a Contacts list entry or Profile setting.





## Right soft key

Some functions of the right soft key are as follows.




- When the right soft key function is Back, press the **Back** (right) soft key (⏪) to return to the previous menu.
- In standby mode, press the **Contacts** (right) soft key (📞) to open your Contacts list.

## Clear key


The CLR key (CLR) is used to erase or clear numbers, text, or symbols from the display. You can also use CLR to return to a previous menu or to return to standby mode from any menu.







1. If you enter an incorrect character, briefly press CLR to backspace (and delete) the character.
2. To erase the previous word in a sentence, press and hold CLR.
3. To back up one menu level, briefly press CLR.
4. To return to standby mode from any menu, press and hold CLR until you return to standby mode.

## End key

1. Press and hold the **End** key () to turn on your phone.
2. Press and hold  to turn off your phone.
3. Briefly press  once to disconnect a call, to return to standby mode from any menu, or to cancel the last input.


## Send key

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

1. Press  once to answer calls.
2. Enter a number and briefly press  to make a call.
3. Briefly press  in standby mode to display a list of recent calls to and from your phone.
4. Press  twice in standby mode to call the most recently dialed number.
5. Press  to pick up a waiting call. Press  again to switch back to the other call.

## Navigation key



Use the directional keys on the navigation key to browse menus, sub menus, and lists. Each key also acts as a shortcut to launch applications. The up navigation key is user-definable. Press  when replying to prompts, and jumping to highlighted links on the web.

## Understanding the Display Screen

The top line of the display is reserved for icons that indicate network status, battery power, signal strength, and more. The following table lists some display icons and their descriptions.

### Display icons



**Signal strength:** Always appears when your phone is on and indicates the current signal strength. More lines indicate a stronger signal.



**No service indicator:** 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.



**Roaming indicator:** 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.




**In Use:** Indicates a call in progress. When dialing a number, this icon flashes until the call connects.



**New Message (Text):** You have one or more unread text messages in your inbox. You are notified of a new text message by animations and sound.




**New Message (Voice):** You have one or more unread voice messages in your voice mailbox. (Only applicable on Verizon Wireless Network.) You are notified of a new voice message by animations and sound.


 **1X Protocol:** Indicates your phone is using the 1X protocol. The 1X protocol is capable of high-speed data (3G).


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**Note:** 1X protocol is available only in the Verizon Wireless network.


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 **2G Protocol:** Indicates your phone is using the IS95-2G (Digital) protocol. The 2G protocol is not capable of high speed data.


 **Vibrate mode:** Your phone vibrates upon receiving a call.


 **Battery strength:** More black 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.

 **Alarm clock:** The alarm clock is set.

 **Ringer off:** Your phones call ringer is turned off.

 **GPS (United States only):** Global Positioning Service (GPS) for 911 is set to On for emergency calls only.

 **GPS (United States Only):** Global Positioning Service is set to On for location and 911 calls.

 **Silent mode:** The ringer is silenced for all alerts, incoming calls, and incoming messages. The phone alerts you to these by vibration and a flashing service LED.



**Speakerphone mode:** The current active call can now be heard using the speaker at the rear of the phone.



**TTY/TDD mode:** Teletypewriter (TTY)/Telecommunication Device for the Deaf (TDD) interface is active. Connect TTY/TDD to headset connector on the left side of the phone.

## 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 draft?"

### Reconfirm

- Example: "Delete all received messages?"



### Performing

- Example: "Sending..." "Connecting..."

### Completed

- Example: "Message sent successfully!"

### Information

- Example: "New Message"



### Error

- Example: "System Error!"

### Warning

- Example: "Battery Low," "Memory Full!"

## Battery

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

---

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**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.


---

1. Insert the bottom end of the battery into the phone housing with the label side down. The gold contacts on the end of the battery should match up with those on the phone.



2. Push the top end of the battery down until it snaps into place.

### Remove the battery

1. Press and hold  to turn off the phone (if on).
2. Pull the battery release latch toward the top of the phone. The top of the battery should pop up.
3. Use your finger to lift the battery (top end first) up and away from the phone.



### Charge 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.

## Use the Travel Adapter

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

1. Plug the large end of the Travel Adapter into a standard 120 or 220 VAC wall outlet.
2. Insert the smaller end of the Travel Adapter into the charger/accessory connector at the bottom end of the phone. Your phone begins charging and the battery image appears in the display.




---

**Note:** You can use your phone while charging, however, the battery charges faster if the phone is turned off.

---

## 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.

A blue rounded rectangle with a thin black border. The text "Section 2" is written vertically inside it in white.

Section 2



## Section 3: Call Functions


### Topics Covered

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- Making a Call
  - International Calls
  - Receiving a Call
  - Adjusting the Call Volume
  - Call Log
  - Phone Modes
  - Roaming
  - Voice Dialing
- 


This section provides explanations of how you can make or answer a call. It also includes descriptions of the features and functionality associated with making or answering a call.

## Making a Call

1. With the phone on, open the folder and enter the number you wish to call using the keypad.
2. Press  to place the call.


### Dialing emergency numbers

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

If you dial 911, \*911, or #911 and press , your phone dials the emergency number 911, automatically.

## International calls

### Call another country from the U.S.

1. In standby mode, enter the three-digit exit code (011) for the United States.
2. Enter the country code for the country that you are calling. A complete list of country codes can be found at [www.verizonwireless.com](http://www.verizonwireless.com).
3. Enter the number that you wish to call, then press .


---

**Note:** Puerto Rico and Canada are on the North American dialing plan. When making calls to Puerto Rico and Canada it is similar to making calls within the United States, no unique country codes are necessary.

---

### Placing calls when outside the U.S.

#### Mexico

- Calling locally within Mexico: Dial the seven or eight-digit number.
- Calling long distance within Mexico: Dial 01, plus the ten-digit number (includes area code).
- Calling to the U.S. or Canada from Mexico: Dial 001, plus the ten-digit number (includes area code).
- Calling Voicemail from Mexico: Dial 001, plus your ten-digit wireless number. Once you hear the recorded prompt, press  and enter your passcode.

---

**Note:** For more information on International Dialing see [www.VerizonWireless.com](http://www.VerizonWireless.com).


---

## Receiving a Call

When you receive a call, the phone displays one of the following:



- If the caller can be identified, the caller's number (or name if it's in your Contacts list) appears in the display.
- If the caller can't be identified, **Call from unavailable #**, **Call from restricted #**, or no number appears in the display.

Your phone continues to notify you of the call until one of the following events occur:

- You answer the call.  
Press  to answer the call.
- The calling party ends the call.
- The call is sent to Voicemail.

### Receive calls while using a feature

If you receive a call while browsing menus and sub menus, or while using a feature, the caller's number (or name, if it's in your Contacts list) appears in the display as well as the options **Answer** and **Ignore**.



- Press the **Ignore** (left) soft key () to send the call directly to Voicemail.
- Press the **Answer** (right) soft key () to answer the call. If the call goes unanswered, it will eventually be sent to Voicemail.

---

**Note:** If you answer the call, when you end it, your phone displays the standby screen.

---

## Adjusting the Call Volume

- In standby mode, repeatedly press the volume key  up or down until the desired Calls Level (**Silent**, **1 Beep**, **Vibrate**, **Level 1-5**, or **Vib+Ring**) appears in the display. The volume key is on the left side of phone, next to the **SEND** key .

## Call Log






Use **Call Log** to view **Outgoing**, **Incoming**, and **Missed** calls for your phone. You can also use **Recent Calls** to erase your call history and view **Call Timers**.

---


**Note:** Functionality of Recent Calls is dependent upon availability with the service provider's network and whether or not Caller ID is enabled.

---

### View Recent Calls

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Calls**).
2. Press the corresponding number on the keypad to view call logs for the following call types:
  -  for Outgoing
  -  for Incoming
  -  for Missed










---

**Tip:** To quickly view recently dialed and received calls, press  with your phone in standby mode.

---

## Recent Calls menu options




While viewing recent calls, you have options such as saving recent call numbers to your Contacts list, sending messages to recent call numbers, and prepending (editing) numbers before saving.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Calls**).
2. Press the corresponding number on the keypad to view call logs for the following call types:
  -  for Outgoing
  -  for Incoming
  -  for Missed
3. With the desired call log appearing in the display, use the navigation keys () to highlight a particular phone number.
4. Press  to display the latest call information for that number.
5. Press the **Option** (left) soft key () . A pop-up menu appears in the display containing the following options:
  - **Talk**: Dial the number.
  - **Save**: Save the number as a new entry or save the number to an existing entry in your Contacts list.
  - **Prepend**: Display the number with the cursor before the first digit.  
Useful for entering a "1" or area code ahead of the displayed phone number.
  - **Erase**: Delete the number from your Calls list.
6. Use the navigation keys () to highlight an option.

7. Press **OK** to perform the highlighted function.
8. Follow the prompts as necessary to complete the function.

## Erase Call Logs

Use Erase Logs to delete calls from any or all call logs.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Calls**), and press  (**Erase Logs**).
2. Use the navigation keys to highlight the call log type that you wish to delete, then press **OK**. You're prompted to confirm the erasure.
3. Use the navigation keys to highlight **Yes** to erase the selected call log, or **No** to return to the **Erase Logs** sub menu.
4. Press **OK** to perform your selected function.





## Call Timers

Use the Call Timer sub menu to view various timers for calls made and received from your phone. You can also reset any of your call timers, with the exception of the Lifetime timer.

---

**Note:** The Lifetime timer retains a log of all calls made since the purchase of your phone and cannot be reset.

---





1. In standby mode, press the **Menu** (left) soft key () , then press  (**Calls**),  (**Call Timer**). The following menu items appear in the display.
  - **Last Call:** View the duration of your last call.
  - **Total:** View the duration of total outgoing and incoming calls.
  - **LifeTime:** View the duration of all calls on your phone since activation (Life Time timers cannot be erased).
  - **Erase Total:** Erase the Last Call and Total timers.
2. Use the navigation key to highlight the desired sub menu.
3. Press  to perform the function for the highlighted option or to enter its sub menu and make changes as desired.



## Phone Modes



### Standby mode

Standby is the state of the phone once it has found service and is idle. The phone goes into standby:

- After you power the phone on.
  - When you press  after a call.
  - Anytime you press  while browsing your phone's menus and sub menus.
1. While in standby mode, enter a phone number, then press  to place a call.
  2. Press  to return to standby mode.

### Text entry mode

Enter content using any of the four text entry modes.

1. At any text entry screen, press the **Option** (left) soft key (). A pop-up menu appears in the display with **ABC** highlighted.
2. Use the navigation keys to display the optional text entry modes of **ABC**, **Symbol**, **123**, and **T9 WORD**.
3. Once the desired method of text entry appears, press  to use that mode of text entry in your message, event, or Contacts entry.

---


**Note:** See "Section 5: Entering Text" on page 53 for more information about using your phone's text entry modes.

---


## Silent mode

Silence all tones and alerts normally made by the handset. In this mode, the handset vibrates instead of making sounds.

### Enter Silent mode

- In standby mode, press and hold . **Entering Silent Mode** briefly appears in the display and your phone returns to standby mode.


### Exit silent mode

- In standby mode, press and hold . **Exit Silent Mode** briefly appears in the display and your phone returns to standby mode.

## Vibrate mode

- In standby mode, repeatedly press the volume key  down until **Vibrate** appears in the display. The volume key is on the left side of phone, next to the **SEND** key .

---


**Note:** The vibrate icon  appears in the display whenever the phone is in Vibrate or Vib+Ring mode.


---

## Speaker Mode


Speaker mode lets you conduct a call without holding the phone to your head. Speaker mode also lets you include other, nearby people in an active call.

### Enter Speaker Mode

- While you are in a call, press and hold the **Speaker** key () .

The “**Attention! Speaker Phone On**” message and the speaker on icon () appear in the display.


---

**Note:** You must be involved in an active call on your phone before you attempt to enter Speaker Mode. If you press and hold  from Standby Mode, the “**Attention! Cannot Enter Speaker mode**” message appears in the display.

---

### Exit Speaker Mode

- While you are in a call and in Speaker Mode, press and hold  .

The “**Attention! Speaker Phone Off**” message appears in the display, and the speaker on icon () disappears from the display.

---

**Note:** Your phone automatically exits Speaker Mode when you end a call.

---

## Roaming

### What is Roaming

You can roam (travel outside a designated coverage area) with your phone to other digital networks. The roaming icon appears in the display when roaming is active, and extra charges may apply when making or receiving a call.

---

**Note:** Some features may be unavailable while roaming. Roaming also consumes additional power from the battery requiring more frequent charges.

---

### Roaming Options

**Roam Option** sets roaming preferences if you move out of your home network. The following roaming options are available:

- **Home only** -- Your phone is available for normal operation only in the designated coverage area.
- **Automatic-A** -- The preferred roaming list is used to acquire service. If no preferred systems are found, any digital "A" system is acquired.
- **Automatic-B** -- The preferred roaming list is used to acquire service. If no preferred systems are found, any digital "B" system is acquired.

---

**Note:** Contact your service provider for information regarding preferred systems.

---

To change your Roaming option, follow these steps:

1. In standby mode, press the **Menu** (left) soft key (☰), then press **6** (Setup), **2** (Network), **2** (Roam Option).
2. Use the navigation key to highlight your roam option preference, then press **OK**. Your settings are saved.

---

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

---


## Voice Dialing

The SCH-a630 phone includes voice recognition-based dialing technology. You can use your voice in a natural manner to dial up to 20 numbers. Please review the following content to learn more about this useful feature.

### The Voice Kit menu

Use the Voice Kit menu to configure the voice recognition settings for your phone.

1. In standby mode, press the **Menu** (left) soft key (☰), then press **7** (Voice Kit). The following Voice Kit menu items appear in the display:
  - **Record:** Record Voice Tag entries.
  - **Review:** Test, play, or erase Voice Tag entries.
  - **Erase All:** Delete all Voice Tag entries.
  - **Set Active:** Set Voice Tag entries as active.
2. Use the navigation keys to highlight the desired Voice Kit menu item.

3. Press  to select the desired Voice Kit function. The following three sections describe each Voice Kit item in greater detail.




## Record

Voice Dial lets you dial a number by saying the name or phrase that you've recorded for that number. Before you can use Voice Dial, you'll need to record the names or phrases that you wish to use. The Voice Kit lets you record up to 20 names and phrases.



### Tips for recording Voice Tags

- Record Voice Tag names or phrases in a quiet area.
- Choose a name or phrase that is not too long or short.
- Speak clearly and distinctly while recording.
- Avoid recording names or phrases that sound alike.

### Record a Voice Tag for Voice Dial


1. In standby mode, press the **Menu** (left) soft key () , then press  (**Voice Kit**). **Record** is highlighted.
2. Press  . The Quick Dial screen appears on the display, and the phone prompts, "**Please say the name.**"
3. Wait for the beep and then say the name or phrase.

The phone plays back the name or phrase, and then the phone prompts, "**Please repeat the name.**"





4. Wait for the beep and then say the name or phrase again.  
The phone plays back the name or phrase, the Voice Dial screen appears in the display, and then the phone prompts, **“Please enter the number with your keypad and press OK.”**
5. Enter the phone number, then press . You’re prompted to enter the name.
6. Enter the name or phrase, then press . The entry is saved.

### Use Voice Dial

Once you’ve recorded names and their associated numbers for Quick Dial, you can use your voice to dial Contacts.

1. In standby mode, press and hold  until the phone prompts, **“Please say the name.”**
2. Say the name or phrase as it was recorded when you set up the Voice Tag.
3. The phone prompts, **“Connecting,”** and the number is dialed.

### Review your Voice Dial list

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Voice Kit**). **Record** is highlighted.
2. Press  (**Review**). The Voice Tag List of recorded names and phrases appears in the display.
3. Use the navigation key to highlight a name.
4. Press the **Option** (left) soft key () to display a pop-up menu with the options listed:

- **Talk:** Call the number for the voice tag entry.
  - **Erase:** Delete the voice tag for the entry.
  - **Play All:** Replay the voice tag entry.
5. Use the navigation key to highlight the desired option, press **OK** to perform the function for the highlighted option.

### Review a Voice Tag



1. In standby mode, press the **Menu** (left) soft key (**...**), then press **7 min** (**Voice Kit**). **Record** is highlighted.
2. Press **2 min** (**Review**). The Voice Tag List of recorded names and phrases appears in the display.
3. Use the navigation key to highlight a name. Press **OK** to display more information about the highlighted name.
4. Press the **Option** (left) soft key (**...**) to display a pop-up menu with the options listed:
  - **Talk:** Call the number for the voice tag entry.
  - **Edit:** Change the number for the voice tag entry.
  - **Erase:** Delete the voice tag entry.
5. Use the navigation key to highlight the desired option, press **OK** to perform the function for the highlighted option.

### Erase all Voice Dial names

You can erase all recorded Voice Tag names and phrases and their associated numbers from one easy location.

1. In standby mode, press the **Menu** (left) soft key (**...**), then press **7 min** (**Voice Kit**). **Record** is highlighted.











2. Press  (**Erase All**). You're prompted to confirm the deletion.
3. Use the Navigation keys to select **Yes** (to delete all Quick Dial names) or **No** (to return to the Voice Kit menu) and press .

If you selected **Yes**, you'll receive a confirmation message that all Voice Tag names were deleted.

## Set Active

Use the **Set Active** menu item to select the method for Voice Kit activation.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Voice Kit**). **Record** is highlighted.
2. Press  (**Set Active**). The following activation options appear in the display.
  - **[0] Only**: Press and hold  to activate Voice Kit for one call.
  - **[0]/Folder**: Press and hold  to activate Voice Kit for repeated calls. Open and close folder to make and end calls using Voice Kit. Press  to release Voice Kit.
  - **[0]/EarMic**: Attach a headset to your phone. Press and hold  to activate Voice Kit. Now, you can make and end calls using Voice Kit by plugging and unplugging the headset.
3. Use the navigation key to highlight the desired option, press  to set the Voice Kit activation method for the highlighted option.



## Section 4: Menu Navigation



### Topics Covered



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- Menu Navigation
  - Menu Outline
- 



This section explains the menu navigation for your phone. It also includes an outline of the available menus associated with your phone.

## Menu Navigation


Access menus using the navigation key in tandem with the two soft keys ( ) , or use a shortcut.


1. In standby mode press the **Menu** (left) soft key (). The first of several menus appear in the display.
2. Use the navigation keys to browse phone menus.
3. Press  to enter the menu or sub menu presently appearing in the display.

### Return to the previous menu

1. Press the **Back** (right) soft key () to return to the previous menu.
2. If **Back** does not appear in the display, press  to return to the previous menu.

### Navigate using shortcuts

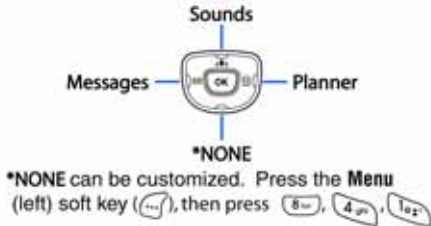
You can also access menus and sub menus using menu numbers. This method is often called a “shortcut.” To shortcut to a menu or sub menu, press the **Menu** (left) soft key () , then enter the menu and/or sub menu number(s) for the feature in question. Use "Navigation Key shortcuts" on page 45, for looking up the menu shortcut number.

1. In standby mode, press the **Menu** (left) soft key ().
2. Press the number of the menu, sub menu, and so on to arrive at the desired feature.

## Navigation Key shortcuts

In standby mode, press a navigation key (as illustrated below) to launch its corresponding application.

### Navigation Key Shortcuts (in standby mode)



## The In-Use Option



Access numerous menus and features even while in a call.

---





**Note:** If the call is disconnected while accessing the In-Use Option, the In-Use Option disappears from the display and the phone eventually returns to standby mode.

---

1. While in a call, press the **Menu** (left) soft key (M). The following In-Use menu items appear in the display.
  - **Calls:** Display your recent incoming, outgoing, and missed calls.
  - **Contacts:** Open the Contacts list and view contacts.
  - **Silent/Quit:** Silences/restores keypad tones.
  - **Send Tel #:** Sends your cell phone number as DTMF tones. Useful for dealing with automated customer support systems.
  - **Send DTMF:** Sends other phone's number as DTMF tones.
  - **Voice Privacy:** When enabled (Enhanced), turns on advanced voice encryption.
  - **Location:** Turn the GPS setting to **Location on** or **911 only**.

- **Version:** View the software and hardware version information for your phone.
2. If you press the **Msg** (right) soft key () in while in a call, the following Messages menu items appear in the display:
    - **Send New Msg**
    - **Voice Mail**
    - **Inbox**
    - **Outbox**
    - **Draft**
    - **Msg Setting**
    - **Erase Msg**
  3. Use the navigation key to highlight a menu. Press  to open the highlighted menu or to activate the feature.

## Menu Outline

Use the menu shortcuts on the following pages to quickly access menus and sub menus. Press the **Menu** (left) soft key () , then press the number to the right of the menu to jump to that menu, sub menu, or feature. For example, to jump to the Outbox sub menu, press the **Menu** (left) soft key () , then press  (**Messages**),  (**Outbox**).

### 1 Calls

- 1.1 Outgoing
- 1.2 Incoming
- 1.3 Missed
- 1.4 Erase Logs
  - 1.4.1 Outgoing
  - 1.4.2 Incoming
  - 1.4.3 Missed
  - 1.4.4 All Calls
- 1.5 Call Timer
  - 1.5.1 Last Call
  - 1.5.2 Total
  - 1.5.3 LifeTime
  - 1.5.4 Erase Total

### 2 Contacts

- 2.1 Find
- 2.2 Add
  - 2.2.1 Number
  - 2.2.2 E-Mail

- 2.3 Rename Group
- 2.4 My Phone#
- 2.5 Memory

## 3 Messages

- 3.1 Send New Msg
- 3.2 Voice Mail
- 3.3 Inbox
- 3.4 Outbox
- 3.5 Draft
- 3.6 Msg Setting
  - 3.6.1 Send Setting
    - 3.6.1.1 SaveInOutbox
    - 3.6.1.2 Callback #
    - 3.6.1.3 Entry Mode
    - 3.6.1.4 Insert Sign.
    - 3.6.1.5 Delivery Ack
  - 3.6.2 Msg. Alert
    - 3.6.2.1 Volume/Vibrate
    - 3.6.2.2 Type
    - 3.6.2.3 Reminder
    - 3.6.2.4 Alert On Call
  - 3.6.3 Auto Play
  - 3.6.4 Auto View
  - 3.6.5 Auto Erase
  - 3.6.6 Block/Unblock
  - 3.6.7 Quick Text
  - 3.6.8 Signature
  - 3.6.9 Voice Mail #



- 3.7 Erase Msg
  - 3.7.1 Voice
  - 3.7.2 Inbox
  - 3.7.3 Outbox
  - 3.7.4 Draft
  - 3.7.5 All Messages

## 4 Planner

- 4.1 Today
- 4.2 Scheduler
- 4.3 Jump To Date
- 4.4 To Do List
- 4.5 Memo Pad
- 4.6 Alarm Clock
- 4.7 Count Down
- 4.8 World Time
- 4.9 Calculator

## 5 Display

- 5.1 Animation
  - 5.1.1 Opening
  - 5.1.2 Closing
  - 5.1.3 Wallpaper
- 5.2 Banner
- 5.3 Backlight
  - 5.3.1 Lcd
  - 5.3.2 Keypad
  - 5.3.3 Power save

- 5.4 Contrast
- 5.5 Auto Hyphen
- 5.6 Service LED
- 5.7 Dialing Color

## 6 Sounds

- 6.1 Volume/Vibrate
  - 6.1.1 Calls
  - 6.1.2 Alarm
- 6.2 Ringer Type
  - 6.2.1 Calls
  - 6.2.2 Alarm
  - 6.2.3 Planner
- 6.3 Key Beep
  - 6.3.1 Volume
  - 6.3.2 Tone Length
- 6.4 Alerts
  - 6.4.1 Minute Beep
  - 6.4.2 Service
  - 6.4.3 Connect
  - 6.4.4 Disconnect
  - 6.4.5 Fade
  - 6.4.6 Roam
  - 6.4.7 Privacy
- 6.5 Power On/Off
- 6.6 Roam Ringer

## 7 Voice Kit

- 7.1 Record
- 7.2 Review
- 7.3 Erase All
- 7.4 Set Active

## 8 Setup

- 8.1 Location
- 8.2 Network
  - 8.2.1 Set NAM
  - 8.2.2 Roam Option
- 8.3 Security
- 8.4 Others
  - 8.4.1 Shortcut
  - 8.4.2 Call Answer
  - 8.4.3 Auto Retry
  - 8.4.4 Language
  - 8.4.5 Clock Set
  - 8.4.6 TTY/TDD Mode
- 8.5 Version





Section 4

## Section 5: Entering Text


### Topics Covered

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- Changing the Text Entry Mode
  - Using T9 Mode
  - Entering Upper and Lower Case
  - Entering Symbols
  - Entering Numbers
- 






This section outlines how to select the desired text input mode when entering characters into your phone. This section also describes how to use the T9 predictive text entry system to reduce the number of key strokes associated with entering text.


## Changing the Text Entry Mode

1. While composing a message, press the **Option** (left) soft key () to display a pop-up menu with the following options.
  - **ABC**: Choose the method of text entry.
  - **Text Format**: Choose the appearance of text entries.
  - **Add Media**: Add a number from your Contacts list.
  - **Quick Text**: Choose from up to 20 messages (11 are pre-composed as factory defaults, but all 20 can be edited).
2. **ABC** is highlighted. Use the navigation left and right keys to choose from one of the other three text entry modes of **Symbol**, **123**, and **T9 WORD**. Each text entry mode is explained in greater detail in the following sections.

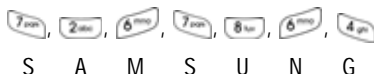
## Using T9 Mode


**T9 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. In standby mode, press the **Menu** (left) soft key () , then press  (**Messages**),  (**Send New Msg**) to compose a new text message.
2. Enter the phone number of the recipient, then press .
3. Press the **Option** (left) soft key () to display a pop-up menu containing text entry mode options.




4. **ABC** is highlighted. Use the left/right navigation key to display **T9 Word**, then press .

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










T9 Word recognizes that the most frequently used word for the sequence that you just entered is “Samsung.” If more than one word shares the same sequence, T9 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 (such as  for “h”).
- 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 uppercase, lower case, and initial caps for characters in ABC mode, briefly press .

## Entering Symbols

Symbol mode enables you to enter symbols such as @ or % into a text message.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Messages**),  (**Send New Msg**) to compose a new text message.
2. Enter the phone number of the recipient, then press .
3. Press the **Option** (left) soft key () to display a pop-up menu containing the following options.
  - **ABC**: Choose the method of text entry.
  - **Text Format**: Choose the appearance of text entries.
  - **Add Media**: Add a number from your Contacts list.
  - **Quick Text**: Choose from up to 20 messages (11 are pre-composed as factory defaults, but all 20 can be edited).
4. **ABC** is highlighted. Use the left/right navigation keys to display **Symbol**, then press  . The first of four screens containing symbols appears in the display.
5. Use the navigation left and right keys 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 (!).
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). See "Changing the Text Entry Mode" on page 54 for instructions on changing text entry modes.

- While in **123** mode, press the key containing the number that you wish to insert into your message.



Section 5

## Section 6: Understanding Your Contacts List

### Topics Covered

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- Contacts
- Opening Contacts menu
- Finding a Contact
- Adding a New Contact Entry
- Edit contact numbers
- Edit an e-mail address
- Adding Pauses
- Contact Groups
- Deleting a Contacts list Entry
- Saving numbers after a call
- Saving numbers from the call log
- Speed Dialing
- Finding My Phone Number
- Memory Information

---

This section allows you to manage up to 500 daily contacts by storing their names and numbers in your Contact List. Contact List entries can be sorted by name, entry, or group.

## Contacts

Your Contacts can store up to 500 numbers, with each contact having up to five associated phone numbers, an e-mail address, and a picture ID. Each phone number can be up to 32 digits in length, including hard pauses; and associated names can be up to 22 characters in length. The memory Location (also used as the Speed Dialing number) for each Contact can be automatically or manually specified.



---

**Tip:** One-Touch, Two-Touch, and Three-Touch Dialing allow you to call numbers stored in your Contacts faster.

---

### Opening Contacts menu

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

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Contacts**). The following Contacts menu items appear in the display:
  - **Find:** Find a phone number By Name, By Entry, or By Group.
  - **Add:** Add a number, e-mail, or web address to your Contacts list.
  - **Rename Group:** Rename one of your five groups.
  - **My Phone #:** View the 10-digit number assigned to your phone by Verizon Wireless.
  - **Memory:** Display available memory for the Phone and SIM card.

- Use the navigation key to highlight the Contacts sub menu of your choice, then press **OK**.

## Contact List Icons

You can assign a host of entries to a Contact. The icons in the following table represent all available entry types

**Name.** Enter the name for the contact in this field.

**Location.** Indicates the memory location (which is also the speed call number) for the contact.

---

**Note:** An initial Location value is automatically assigned, but you can change it to any unused value between 002 and 500, except values 001, 311, or 411 which are reserved for Voicemail or emergency calls.

**Important!** Do not change the Location value to 001 or your phone will no longer access your Voicemail account.

---



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



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



**Office icon.** Enter the office number for the entry in this field.



**Pager icon.** Enter a pager number for the entry in this field.



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



**Alias icon.** Enter an alias (such as a nick name or pet name) for the contact in this field.



**E-mail** icon. Enter an e-mail address for the entry in this field.



**Group** icon. Select the Group category for the contact in this field.




**Melody** icon. Select a melody to associate with the contact in this field.









**Picture ID** icon. Select the picture to associate with the contact in this field.

## Finding a Contact

From standby mode, you can quickly open the Contacts list and view the Contact entries you've stored there. If you've stored a named entry in your Contacts, Find allows you to find it quickly.






1. In standby mode, press the **Contacts** (right) soft key (). The **Find** screen appears in the display.
2. Use the navigation keys to select the method by which to find the entry. The following options are available:
  - **By Name**: Search the Contacts alphabetically by name.
  - **By Entry**: Search the Contacts by entry number.
  - **By Group**: Search the Contacts by selecting from one of the five available groups.

## Find by name

1. In standby mode, press the **Contacts** (right) soft key (). The **Find** screen appears in the display with the **By Name** method selected and the first name in the Contacts List highlighted.
2. Enter the first few characters of name you assigned to your contact. For example, if you saved the name as Amy Smith, begin the search by pressing . As you enter letters, the entry number and names of the closest matches appear in the display.
3. When the desired Contact appears in the display, highlight the number using the navigation keys (if necessary).
4. Press  to dial the first number associated with the name, or
5. Press  to display information about the contact and to select and dial a number other than the first number associated with the name, or
6. Press the **Option** (left) soft key () to display the following options:
  - **Talk:** Dial the first number stored for your contact or dial a number you have highlighted.
  - **Edit:** Edit details of the highlighted name.
  - **Erase:** Erase the name and associated information.
7. Use the navigation key to highlight an option, then press  to enter the option's sub menu.

## Find by entry





This option allows you to find a stored contact by Location number.


1. In standby mode, press the **Contacts** (right) soft key (). The **Find** screen appears in the display with the **By Name** method selected and the first name in the Contacts List highlighted.
2. Use the navigation keys to highlight the **By Entry** method.
3. Enter the Location number assigned to the contact, then use the navigation keys to highlight the contact you want.
4. Press  to dial the first number associated with the name, or
5. Press  to display information about the contact and to select and dial a number other than the first number associated with the name, or
6. Press the **Option** (left) soft key () to display the following options:
  - **Talk**: Dial the first number stored for your contact or dial a number you have highlighted.
  - **Edit**: Edit details of the highlighted name.
  - **Erase**: Erase the name and associated information.
7. Use the navigation key to highlight an option, then press  to enter the option's sub menu.



## Find by group

This option allows you to find a stored entry in a related group.









1. In standby mode, press the **Contacts** (right) soft key (). The **Find** screen appears in the display with the **By Name** method selected and the first name in the Contacts List highlighted.
2. Use the navigation keys to highlight the **By Group** method.
3. Press the down navigation key briefly to highlight the group field.
4. Use the left and right navigation keys to display the group that you want. As each group displays, contacts assigned to the group are listed in your phone's display.
5. Use the up and down navigation keys to highlight the desired entry.
6. Press  to dial the first number associated with the name, or
7. Press  to display information about the contact and to select and dial a number other than the first number associated with the name, or
8. Press the **Option** (left) soft key () to display the following options:
  - **Talk:** Dial the first number stored for your contact or dial a number you have highlighted.
  - **Edit:** Edit details of the highlighted name.
  - **Erase:** Erase the name and associated information.

9. Use the navigation keys to highlight an option, then press  to select the option's sub menu.

## Adding a New Contact Entry

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


### Method 1

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Contacts**) ,  (**Add**) . The **Option** pop-up menu opens with **Number** highlighted, then press  .
2. Enter a phone/pager/fax number for the new contact, then press  . The **Confirm** sub-menu appears in the display with the **New Entry** option highlighted.
3. Press  to confirm this is a new Contact. The **Select Type** icon menu displays with the **Mobile** icon highlighted.
4. Use the navigation key to highlight the appropriate Type (**Mobile**, **Home**, **Office**, **E-mail**, and so on), then press  . The **Contacts** entry screen appears in the Display.
5. Enter a name for the new contact using the keypad. Press the **Option** (left) soft key () if you wish to select a different method of text entry, such as T9 Word, ABC, Symbol, or 123.
6. Use the navigation keys to highlight the **Location** (speed dial number) entry field. An initial Location/speed dial value is automatically assigned. You can change it by entering another Location/speed dial number between


002 and 500 (except 311 and 411 which are reserved for emergency calls, Location 001 is reserved for Voicemail) or by using the left and right navigation keys to select an available Location/speed dial number, if desired.

7. Use the up and down navigation keys to highlight other fields, if desired. Enter information using the keypad.

---




**Note:** Once you've entered a character into any of the Type fields, press the **Option** (left) soft key () to display a pop-up menu which allows you to enter a P Pause, a T Pause, or a hyphen. For more information, see "Adding Pauses" on page 71.


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8. When you're finished entering information for the new Contact, press  to save the entry to your Contact List.


## Method 2

You can add new numbers to the Contacts list by simply entering the number while the phone is in standby mode, then following the necessary prompts to complete the process.


1. In standby mode, enter the number that you wish to save using the keypad, then press . The **Confirm** sub-menu appears in the display with the **New Entry** option highlighted.
2. Press  to confirm this is a new Contact. The **Select Type** icon menu displays with the **Mobile** icon highlighted.
3. Use the navigation key to highlight the appropriate Type (**Mobile**, **Home**, **Office**, **Pager**, or **Fax**), then press . The **Contacts** entry screen appears in the Display.

4. Enter a name for the entry using the keypad. Press the **Option** (left) soft key () if you wish to select a different method of text entry, such as T9 Word, ABC, Symbol, or 123.
5. Use the navigation keys to highlight the **Location** (speed dial number) entry field. An initial Location/speed dial value is automatically assigned. You can change it by entering another Location/speed dial number between 001 and 500 or by using the left and right navigation keys to select an available Location/speed dial number, if desired.
6. Use the up and down navigation keys to highlight other fields, if desired. Enter information using the keypad.

---


**Note:** Once you've entered a character into any of the Type fields, press the **Option** (left) soft key () to display a pop-up menu which allows you to enter a P Pause, a T Pause, or a hyphen. For more information, see "Adding Pauses" on page 71.

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




7. When you're finished entering information for the new Contact, press  to save the entry to your Contact List.

## Edit contact numbers


Once a contact has been saved, you can easily change or modify the information associated with it.









1. In standby mode, press the **Contacts** (right) soft key (). The **Find** screen appears in the display with the **By Name** method selected and the first name in the

Contacts List highlighted.

2. Use the navigation keys to display the search method that you want to use (By Name, By Group, or By Entry).
3. Enter information to find the entry, or use the navigation keys to highlight the contact containing the number that you want to edit.
4. Once the contact is highlighted, **Option** (left) soft key () . A pop-up menu displays.
5. Use the navigation key to highlight **Edit**, then press  .
6. Press  to backspace and delete numbers.
7. Press and hold  to clear all numbers in the highlighted field.
8. When you're finished editing the number, press  . Your changes are saved and a confirmation message appears in the display.

## Edit an e-mail address

1. In standby mode, press the **Contacts** (right) soft key (). The **Find** screen appears in the display with the **By Name** method selected and the first name in the Contacts List highlighted.
2. Use the navigation keys to display the search method that you want to use (By Name, By Group, or By Entry).
3. Enter information to find the entry, or use the navigation key to highlight the entry that you want.

4. Once the contact is highlighted, **Option** (left) soft key (). A pop-up menu displays.
5. Use the navigation keys to highlight **Edit**, then press .
6. Use the keypad to edit the e-mail address. To insert the @ symbol, press the **Option** (left) soft key (.
7. Use the navigation keys to select **Symbol**, and then press .
8. Press  (@ symbol) and enter the remainder of the e-mail address using the keypad.
9. Press the **Option** (left) soft key (.
10. Use the navigation key to highlight **.com**, then use the navigation key to display the desired domain type (.com,.edu, .net), then press .
11. If the domain is different you must enter it using your keypad.
12. Press  to save your changes.

## Adding Pauses

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


- **P pause:** A hard pause stops the calling sequence until further input from you.
- **T pause:** A two-second pause stops the calling sequence for two seconds and then automatically sends the remaining digits.

---

**Note:** Entering multiple two-second pauses extends the length of a pause. For example, two consecutive two-second pauses cause a total pause time of four seconds. Keep in mind pauses count as digits towards the 32-digit maximum.

---

### Store pauses to a Contacts list entry


1. In standby mode, enter the number you wish to store.
2. Press the **Option** (left) soft key () . The following pause menu options appear in the display:


**P pause**    **T pause**

---


**Note:** P pause is a hard pause (awaits input from you) and T pause is a two-second pause.

---




3. Use the navigation key to highlight the pause option of your choice.
4. Press  to enter the highlighted pause into your number sequence.

5. When you're finished entering numbers and pauses, press  to store the number to your Contact List.

### Pause dial from the Contacts list

1. If you stored the number using (two-second) T pause(s), simply recall the number from the Contacts list.
2. If you stored the number using (hard) P pause(s), recall the number from the Contacts list and wait for the appropriate prompt from the number you are calling (credit card number, bank account number, and so on).
3. Press  to dial the number.

### Manual pause calling

1. To manually call a number with pause(s) without storing it to the Contacts list:
2. Enter the number you wish to call.
3. Press the **Option** (left) soft key () to display the pause option pop-up menu.
4. Use the navigation key to highlight the desired pause option.
5. Press  to enter the highlighted pause into your number sequence.
6. Press  to call the number.

---

**Note:** Store pauses along with the number if you plan to call the number frequently.

---



## Contact Groups

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

---



**Note:** By default, new entries to your Contact List are placed into the Friend Group unless you select another group.

---

### View groups

1. In standby mode, press the **Contacts** (right) soft key (\*\*\*). The Find screen appears in the display with the first Contact in your Contacts List highlighted.
2. Use the up navigation key to highlight the **By Name** selection field option.
3. Use the right and left navigation keys to change the highlighted option to the **By Group** option.
4. Use the down navigation key to highlight the **Friend** selection field option.
5. Use the left and right navigation keys to highlight one of the following groups:
  - **Friend**
  - **Family**
  - **Colleague**
  - **VIP**
  - **No Name**
6. When you have selected the desired group, a list of its member Contacts appears in the display.

## Move a contact to another group

1. In standby mode, press the **Contacts** (right) soft key (). The Find screen appears in the display with the first Contact in your Contacts List highlighted.
2. Use the up navigation key to highlight the **By Name** selection field option.
3. Use the right and left navigation keys to change the highlighted option to the **By Group** option.
4. Use the down navigation key to highlight the **Friend** selection field option.
5. Use the left and right navigation keys to highlight one of the following groups:
  - **Friend**
  - **Family**
  - **Colleague**
  - **VIP**
  - **No Name**
6. When you have selected the desired group, a list of its member Contacts appears in the display.
7. Use the navigation keys to highlight the entry that you wish to move to another group.
8. Press the **Option** (left) soft key (). A pop-up menu appears in the display with **Edit** highlighted.
9. Press **OK**. The contact information screen appears in the display.
10. Use the up and down navigation keys to highlight the group field (below the SpeedDial field).

11. Use the left and right navigation keys to select the destination group, then press **OK**. The entry is moved to the selected group.

## Rename a group

You can rename any of the five groups.





---

**Note:** Group names are limited to 12 characters.

---

1. In standby mode, press the **Menu** (left) soft key (**☰**), then press **2** (**Contacts**), **3** (**Rename Group**). Your existing group names appear in the display.
2. Use the up and down navigation keys to highlight the group that you wish to rename.
3. With the desired group highlighted, press **OK**. The **Rename Group N** screen appears in the display.
4. Enter a name for the group using the keypad. Press the **Option** (left) soft key (**☰**) to select the text entry mode (T9 Word, ABC, Symbol, or 123).
5. Press **OK**. Your changes are saved.

## Deleting a Contact Entry

1. In standby mode, press the **Contacts** (right) soft key () . The Find screen appears in the display with the first Contact in your Contacts List highlighted.
2. Use the navigation keys to display the search method that you wish to use (**By Name**, **By Group**, and so on).
3. Enter information to find the entry, or use the navigation key to highlight the entry that you wish to erase.
4. Once the entry is highlighted, press the **Option** (left) soft key () . A pop-up menu displays **Edit**, **Erase**, and **Add New**.
5. Press  for **Erase**. You're prompted to confirm the erasure.
6. Highlight **Yes** or **No**, then press  .



## Saving numbers after a call

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

---

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

---

1. After you press  to end your call, the call time, length of call, phone number, and name of the party (if available) appears in the display.
2. Press the **Save** (right) soft key () . You're prompted to confirm this as a New Entry, or Find an existing contact.

3. Follow the on-screen prompts to select/enter other information, then press **OK** to save the new contact information.

## Saving numbers from the call log

If you are unable to save a number when you end a call, you can save the phone number to the Contacts List later, from the call log.

1. In standby mode, press the **Menu** (left) soft key (**☰**), then press **1st** for **Calls**.
2. Press the corresponding number on the keypad to view call logs for the following call types:  
**1st** for **Outgoing**, **2nd** for **Incoming**, **3rd** for **Missed**
3. Use the navigation key to highlight the number you want to save to your Contacts List, then press **OK**.
4. Press the **Option** (left) soft key (**☰**), then press **2nd** for **Save**. You're prompted to confirm this as a New Entry, or Find an existing contact.
5. Add the number as a New Entry, or Find a contact to which to add the number.
6. Follow the prompts to store the number to the Contacts List.

## Speed Dialing

---

**Note:** 1-Touch, 2-Touch, and 3-Touch dialing allows you to call numbers stored in your Contacts 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:**  is reserved for Voicemail.

---




### 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  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 entering the first digit, then pressing and holding the second digit. For example, to speed dial the number assigned to 013, enter , then press and hold  until the number dials.

### 3-touch dialing

Call phone numbers assigned to memory locations 100 through 500 by entering the first two digits, then pressing and holding the third digit. For example, to dial location number 113, enter  and , then press and hold  until the number dials.


## Assign a speed dial location

1. In standby mode, press the **Contacts** (right) soft key (  ). The Find screen appears in the display with the first Contact in your Contacts List highlighted.
2. Use the navigation keys to display the search method that you wish to use (**By Name**, **By Group**, and so on).
3. Enter information to find the entry, or use the navigation key to highlight the entry that you wish to assign a new speed dial location.
4. Once the entry is highlighted, press the **Option** (left) soft key (  ). A pop-up menu displays **Edit**, **Erase**, and **Add New**.
5. Press  for **Edit**.
6. Use the navigation keys to highlight the **Location** field.
7. Enter the new speed dial Location number using the keypad.

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



**Note:** You can also use the left and right navigation keys to browse for available speed dial locations.

---

8. Press  to save your changes.




## Assign speed dial type to an Contact

If you have more than one number (or type, such as Mobile or Office) for a contact, you can select which number you wish to dial when speed dialing the contact.

1. In standby mode, press the **Contacts** (right) soft key (  ). The Find screen appears in the display with the first Contact in your Contacts List highlighted.
2. Use the navigation keys to display the search method that you wish to use (**By Name**, **By Group**, and so on).
3. Enter information to find the entry, or use the navigation key to highlight the entry that you wish to assign a new speed dial location.
4. Once the entry is highlighted, press the **Option** (left) soft key (  ). A pop-up menu displays **Edit**, **Erase**, and **Add New**.
5. Press  for **Edit**.
6. Use the navigation keys to highlight the **SpeedDial** field.
7. Use the left and right navigation keys to select the desired number (type) for speed dialing.
8. Press  . Your changes are saved.

## Finding My Phone Number




**My phone #** displays the ten-digit number assigned to your phone by Verizon Wireless.

- In standby mode, press the **Menu** (left) soft key (  ), then press  (**Contacts**) and  (**My Phone #**). The phone number assigned to your phone by Verizon Wireless appears in the display.



## Memory Information

Memory Info displays the Used and Total memory for the Contacts List.

- In standby mode, press the **Menu** (left) soft key () , then press  (**Contacts**),  (**Memory**). Memory information for your Contacts List (the number of contacts stored in it) appears in the display.



Section 6

## Section 7: Messaging

### Topics Covered

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- Send TXT Messages
  - Receive TXT Messages
  - Message Folders
- 








This section allows you to send and receive text messages to compatible phones and other devices. If a text message exceeds 160 characters, it is broken up and delivered in separate messages, which will incur additional cost.


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**Note:** Available memory is shared between all messages. You can store up to 60 incoming and 60 outgoing messages. The exact number that you can store is dependent upon message length.

---

## Send TXT Messages


1. In standby mode, press the **Menu** (left) soft key () , then press  (**Messages**) and  (**Send New Msg**)  
or  
In standby mode, press the left navigation key (**Messages shortcut**), then press  (**Send New Msg**). The **Send To** screen appears in the display.
2. Enter the phone number of the message recipient, then press  .
3. Enter the text for your message using the keypad.
4. At any point while entering the message text, press the **Option** (left) soft key () to display the following options:
  - **ABC**: The entry mode for your message. Other modes, which are hidden, are Symbol, 123, and T9 WORD. Use the navigation key to display each of the text entry modes.
  - **Text Format**: Choose the size, alignment, bold, italic, and other options for formatting your text.
  - **Add Media**: Add a picture, animation, or melody to your message.
  - **Quick Text**: Insert a pre-composed message into the body of your current message.
5. When you finish entering your message text, press  . The following **New Message** options appear in the display:
  - **Edit Send To**: Edit the recipient's Send To number.
  - **Edit Text**: Edit the content of your message.

- **Send Options:** Choose the Priority, Validity, Privacy, whether you want to have a Delivery Acknowledgement, Insert a Signature or Call Back #, and whether you want to Defer Delivery of the message. See “Message send options” in the following section for more information on these settings.
  - **Save In Draft:** Save the message to your Draft folder.
  - **Save Text:** Save the text in your message as a quick text. Quick Text messages are pre-composed messages that can be inserted into any message you choose.
6. To send your message, press the **Send** (left) soft key (.

## Message send options




You can set priority, validity, privacy, and other options before you send a message.

1. After you’ve composed a message and pressed , you’re returned to the **New Message** menu.
2. Use the navigation key to highlight **Send Options**, then press . The following **Send Options** appear in the display:
  - **Priority**--Normal/Urgent--Assign a priority to your message.
  - **Validity**--None/30 Min - 5 Days--Select the period of time that you want the message to be available to the recipient. After the set period of time, your message is recalled.
  - **Privacy**--Not Restricted/Restricted/Confidential--Choose the desired level of privacy for your message.
  - **Delivery Ack**--Off/On--Request confirmation for when your message is received.
  - **Insert Sign.**--Off/On--Insert your pre-composed signature into the message.

- **Callback #**--Yes/No/Edit--Insert a number into your message for the recipient to call you back.
  - **Def. Delivery**--Immediate/Set Time--Choose when you want your message to be sent.
3. Use the navigation keys to display the various Send Options for each menu item.
  4. When the send option you want is highlighted, press  to confirm the selection or to enter the option's sub menu.

## Receive TXT Messages

When your phone receives a message in standby mode, a ringer sounds (unless turned off), and New Message appears in the display along with the closed envelope icon (). The date and time of the message also appear in the display.

- Press the **Ignore** (left) soft key () to return your phone to standby mode. The message is saved to your inbox where you can view it later.
- Press the **View** (right) soft key () to open the message, and then press the **Reply** (right) soft key () to open the message composer and respond to the message.

or

Press the **Option** (left) soft key () to Forward, Erase, Save Text, Lock, Save Contact, or Block Sender.

## Receive messages during a call

When your phone receives a message during a call, **New Message** appears in the display along with the closed envelope icon (✉). You can view the message without disconnecting your call.

1. Press the **Ignore** (left) soft key (⋮) to ignore the message. The message is saved to your inbox where you can view it later.
2. Press the **View** (right) soft key (⋮) to open the message, your call remains connected.

## Receive messages and lock mode





Your phone still receives messages while in Lock Mode. The time and date of the message appear in the display, but you cannot access the message until you enter the lock code.

## Message Folders

Your messages are stored in any of four folders. These folders are discussed in more details in the following sections.

### Voice Mail folder

Messages in your voice mailbox are logged in the Voice Mail folder of the Message menu. Open the Voice Mail folder to view the Callback # (if available) and other details of the Voicemail message.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Messages**) and  for **Voice Mail**.  
Details of your most recent Voicemail message appear in the display.
2. Press  to call Voicemail and listen to the message.

---




**Note:** You can also press and hold  to dial Voicemail, if not changed.

---




## Inbox folder




Received TXT messages are stored in the **Inbox** folder.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Messages**) and  for **Inbox**.

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**Tip:** Press the **View** (right) soft key () while in a call to view a new message.







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2. Use the navigation keys to highlight the message that you want to view.
3. Press  to view contents of the highlighted message.
4. While viewing your message, press the **Option** (left) soft key () to display the following options:
  - **Forward:** Forward the message to another recipient.
  - **Erase:** Delete the message and its contents.
  - **Save Text:** Save only the text in the message.
  - **Save Contact:** Save the number of the sender to your Contacts as a new entry or add to an existing entry.
  - **Block Sender:** Block future messages from the phone number of the sender.
  - **Lock:** Lock the current message.
5. Use the navigation key to highlight the option you want, then press  to select the option.

## Outbox folder

Your phone stores TXT messages in the Outbox, regardless of whether the message was successfully transmitted. You can also verify if a message or e-mail was successfully transmitted, and at what date and time by enabling the Delivery Ack feature. See "Message send options" on page 85 for more information on delivery acknowledgements.

### Review messages in the Outbox

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Messages**) and  for **Outbox**. Any sent messages appear in the display.
2. Use the navigation key to highlight the message you want to review, then press .
3. Press the **Option** (left) soft key () to display the following options:
  - **Re-send**: Re-send the message.
  - **Erase**: Delete the message.
  - **Lock/Unlock**: Lock/unlock the message.
4. Use the navigation key to highlight the option you want, then press  to select the option.

## Draft folder

Draft messages have been composed but haven't been sent yet. You can return to the Draft folder at any time to view, edit, or send a draft message.

### Create a draft txt message

1. In standby mode, press the **Menu** (left) soft key (⋮), then press **3** (Messages) and **1** for **Send New Msg**.
2. Enter the phone number of the recipient, then press **OK**.
3. Compose your message using the keypad, then press **OK**.
4. Use the navigation keys to highlight **Save in Draft**, then press **OK**. A confirmation message appears in the display and your message is saved to the Draft folder.




### View and edit Draft messages

1. In standby mode, press the **Menu** (left) soft key (⋮), then press **3** (Messages) and **5** for **Draft**. Your draft messages are displayed.
2. Use the navigation keys to highlight the message that you want to view and press **OK**.
3. Press the **Option** (left) soft key (⋮). A pop-up menu appears in the display with **Edit** highlighted.
4. Press **OK**. The following options appear in the display:
  - **Edit Send To**: Edit the phone number of the recipient.
  - **Edit Text**: Edit the draft message text. You also have options to format the text, add media, or add quick text to your message.

- **Send Options:** Select the priority, validity, privacy, delivery acknowledgement, signature, callback #, deferred delivery options.
  - **Save In Draft:** Continue to save the message to the Draft folder.
  - **Save Text:** Save only the text in the message, if media or other content is contained within the message.
5. Use the navigation keys to highlight the option you want, then press **OK** to select the option.

## Message setting folder

The Msg Setting folder allows you to define numerous message settings such as ringer types and save options.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Messages**) and  for **Msg Setting**. The following **Msg Setting** options appear in the display:
  - **Send Setting:** Options to Save in Outbox, Insert signature, and request a delivery acknowledgement.
  - **Msg. Alert:** Set Ringer types and Reminders for when you receive messages.
  - **Auto Play:** Select Auto Play or Manual for multimedia content.
  - **Auto View:** Select Off or On for direct view.
  - **Auto Erase:** Delete messages automatically after they are read.
  - **Block/Unblock:** Block messages from a web address or phone number.
  - **Quick Text:** Edit any of your pre-composed messages, which can then be inserted into any new message that you choose.
  - **Signature:** Create a signature, which appears at the bottom of all outgoing messages.

- **Voice Mail #:** Edit your Voicemail number.
2. Use the navigation keys to highlight the message setting menu you want.
  3. Press **OK**, then select and change the available settings.




## Erase message folder

Use Erase Msg to erase all of the messages in a particular folder, or use the All Messages options to erase the contents of all your message folders at once.

---

**Note:** Erase Msg erases all of the messages in the selected folder. To delete a single message, use the Option menu (left) soft key while viewing the content of a message.

---

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Messages**) and  for **Erase Msg**. The Erase Msgs menu appears in the display.
2. Use the navigation keys to highlight the folder containing messages that you want to delete.
3. Press **OK** to select the highlighted folder. You're prompted to confirm the erasure of all messages in the folder.
4. Use the navigation key to highlight **Yes** or **No**, then press **OK**.



## Section 8: Planner

### Topics Covered

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- Opening Planner
- Today
- Scheduler
- Jump To Date
- To Do List
- Memo Pad
- Alarm Clock
- Count Down
- World Time
- Calculator

---

The topics covered in this section allow you to schedule appointments, view the calendar, create To-Do lists, set an alarm, and perform simple math calculations.

## Opening Planner

Planner is a suite of PIM (Personal Information Management) applications such as a Calendar, To Do List, and Memo Pad. Schedule events, set reminders, create to do lists, perform calculations, and more with the digital assistant functionality of this useful feature.





1. In standby mode, press the **Menu** (left) soft key () , then press  (**Planner**). The Planner menu opens and the applications listed in the following table appear in the display.
  - **Today**: Enter up to nine events and set associated alarms for the current day.
  - **Scheduler**: Schedule events for any day by indicating each event's start and end time.
  - **Jump To Date**: Takes you directly to any date you enter.
  - **To Do List**: Enter up to 20 tasks and set an alarm for each.
  - **Memo Pad**: Enter a memo, which can be viewed at any time. Memos do not have an alarm setting.
  - **Alarm Clock**: Set an alarm for any day and time. The alarm can be set to activate even if the phone is off.
  - **Count Down**: View the amount of time between the current time and any event you want to schedule.
  - **World Time**: Set the local time and the time for one other time zone anywhere in the world.
  - **Calculator**: Use the calculator to perform numeric calculations
2. Use the navigation key to highlight an application. Press  to enter the highlighted application's sub menu. The following sections provide a detailed description on each application and its function.



## Today

You can schedule up to nine events for the current day by indicating each event's start time and advance notification 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. In standby mode, press the **Menu** (left) soft key () , then press  (**Planner**) and  for **Today**. You're prompted to enter a New Event, or the **Event n/m** screen appears in the display showing the information about any event already scheduled for the current day.
2. Enter details of the event using the keypad (Up to 32 characters).
3. Press the **Option** (left) soft key () to display a pop-up menu containing the following text entry mode options:
  - **T9 Word**
  - **ABC**
  - **Symbol**
  - **123**




---

**Note:** The current mode of text entry is indicated in the lower right of the display.

---

4. Use the navigation keys to highlight the entry mode you want and press  , or press  to exit the pop-up menu.







5. When you're finished entering details for the event, press . You're prompted to enter the time and date for the event.
6. Enter the time and date for the event using the keypad.
  - Press  for A.M. when **P** is highlighted.
  - Press  for P.M. when **A** is highlighted.
7. When you're finished entering the time and date, use the navigation keys to highlight the **Notification** field.
8. Use the left and right navigation keys to select the amount of time that you want to be notified by an alert before the event occurs.
9. Press  to store the event in your calendar. An alert will notify you prior to the event, if you set the notification alert.

The **Event n/m** screen appears in the display showing the information about this event.
10. Press the **Option** (left) soft key (). A pop-up menu containing the following event handling options appears in the display:
  - **Add New**: Adds another event to the current day.
  - **Edit**: Returns you to the event input screen to make any desired changes.
  - **Erase**: Deletes this event from the current day.
  - **Erase All**: Erases all events for the current day.
11. Press  to exit the pop-up menu. Press  again to return to the **Planner** menu.

## Scheduler





Scheduler allows you to view the current, past, or future month in a monthly calendar layout. While viewing the calendar, the current date is highlighted and days with scheduled events are surrounded by a box.

### View an event

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Planner**) and  for **Scheduler**.
2. A calendar appears in the display with the current date highlighted. The month and year also appear.
3. Use the navigation keys to move around within the calendar.
4. Press the volume up key to view previous months.
5. Press the volume down key to view future months.
6. Press  to open a date that is highlighted.
7. Press the **Option** (left) soft key () while viewing the calendar. A pop-up menu containing the following options appears in the display:
  - **View**: View events for any date surrounded by a box.
  - **Add new**: Add a new event for the date.
8. Use the navigation keys to highlight an option.
9. Press  to select the option.







## Jump to date





You can go directly to any date that you specify in the Jump to Date entry screen.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Planner**) and  for **Jump To Date**. The Jump To Date entry screen appears in the display with the current month highlighted.
2. Enter the desired Jump to date and press  . The calendar month for the date that you specified appears in the display with the current date highlighted.






## To do list

The To Do List allows you to create a task list. You can store, prioritize and manage up to twenty To Do List tasks.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Planner**) and  again for **To Do List**. The Add To Do screen appears in the display.
2. Enter details of the task using the keypad. Press the **Option** (left) soft key () to display a pop-up menu containing the following text entry mode options:
  - **T9 Word**
  - **ABC**
  - **Symbol**
  - **123**
3. Use the navigation keys to highlight the entry mode that you want to use and press  , or press  to exit the pop-up menu.







4. When you're finished entering details for the task, press . You're prompted to enter the priority for the task.
5. Use the navigation keys to select **High** or **Low** priority.
6. Use the down navigation key to highlight the **Enter Date** field.
7. Enter a time and date for the task using the keypad.
  - Press  for A.M. when **P** is highlighted.
  - Press  for P.M. when **A** is highlighted.
8. Press  to save the task.

### Add, edit, or erase tasks




1. In standby mode, press the **Menu** (left) soft key () , then press  (**Planner**) and  again for **To Do List**.
2. Use the navigation key to browse tasks in your To Do List. Events are presented in order of priority.
3. Press the **Option** (left) soft key () while viewing your To Do List. A pop-up menu with the following options appears in the display.
  - **Add new:** Add a new task to the To Do List.
  - **Edit:** Edit the task currently appearing in the display.
  - **Erase:** Erase the task currently appearing in the display.
  - **Erase All:** Erase all tasks from your To Do List.
4. Use the navigation keys to highlight an option.
5. Press  to select the option.


## Memo pad

You can create notes and store them in Memo Pad. You can't prioritize or set an alert for stored notes. Return to Memo Pad anytime you want to review and edit your notes.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Planner**) and  for **Memo Pad**.
2. If you have any stored memos, they appear as a list in the display. If this is your first time in Memo Pad, you're prompted to add a new memo.
3. Enter a memo using the keypad.
4. Press the **Option** (left) soft key () to display a pop-up menu containing the following text entry mode options:
  - **T9 Word**
  - **ABC**
  - **Symbol**
  - **123**
5. Use the navigation keys to highlight the entry mode that you want to use, or press  to exit the pop-up menu.
6. When you're finished entering details for the memo, press . The memo is stored.

### Review, add, edit, or erase memos




1. In standby mode, press the **Menu** (left) soft key () , then press  (**Planner**) and  for **Memo Pad**. Your list of stored memos appears in the display.
2. Use the navigation keys to browse memos.





3. Press **OK** to open a highlighted memo.
4. Press the **Option** (left) soft key () while viewing your memos. A pop-up menu with the following options appears in the display:
  - **Add new**: Add a new memo to Memo Pad.
  - **Edit**: Edit the memo currently highlighted or appearing in the display.
  - **Erase**: Erase the memo currently highlighted or appearing in the display.
  - **Erase All**: Erase all memos from Memo Pad.
5. Use the navigation keys to highlight the option you want.
6. Press **OK** to select the option.

## Alarm clock

Your phone has an alarm clock that can be set to go off once, or daily at a specified time. Once set, the alarm clock is easy to change or turn off completely.


The alarm doesn't function when the phone is turned off. If the time for an alarm that was set for Once has elapsed and the phone is off, the alarm occurs at the same time on the following day.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Planner**) and  for **Alarm Clock**. The following options appear in the display:
  - **Once**
  - **Daily**
  - **Off**
2. Use the navigation keys to highlight the frequency that you want the alarm to occur, then press **OK** .





3. Enter the time for the alarm using the keypad.
  - Press  for A.M. when **P** is highlighted.
  - Press  for P.M. when **A** is highlighted.
4. Press  when you're finished entering the time for the alarm. The alarm is set and the alarm icon () appears in the display.

### When an alarm sounds

An animated alarm clock appears in the display and an alert sounds when the specified time for the alarm arrives.

- Press  to silence the alarm.
- If the alarm was set as a Daily alarm, the alarm icon remains in the top of the display.
- If the alarm was set as a Once only alarm, the alarm icon is removed from the top of the display.




### Turn off the alarm

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Planner**) and  for **Alarm Clock**. The following options appear in the display:
  - **Once**
  - **Daily**
  - **Off**
2. Use the navigation keys to highlight **Off**, then press  . All alarms are turned off.



## Count down







Count Down allows you to view the amount of time between the current date and any event that you want to schedule. You can create up to twenty Count Down events.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Planner**) and  for **Count Down**.

---






**Note:** If you have multiple count down timers, the event that is scheduled closest to the current date appears in the display. Use the navigation keys to browse timers.

---

2. Enter details for the Count Down event using the keypad.
3. Press the **Option** (left) soft key () to display a pop-up menu containing the following text entry mode options:
  - **T9 Word**
  - **ABC**
  - **Symbol**
  - **123**
4. Use the navigation keys to highlight the entry mode that you want to use, or press  to exit the pop-up menu.
5. Once you've finished entering details for the Count Down event, press . You're prompted to enter a time and date for the scheduled event.
6. Enter the time and date using the keypad.
  - Press  for A.M. when **P** is highlighted.
  - Press  for P.M. when **A** is highlighted.
7. Press  to store the event.




## Review, add, edit, and erase count down events

Review scheduled Count Down events to determine how much time remains between the current time/date and any event that you've scheduled. You can also add another event, edit, or erase previously scheduled events.

1. In standby mode, press the left **Menu** (left) soft key () , then press  (**Planner**) and  for **Count Down**.
2. Any stored Count Down events appear in the display. The event scheduled closest to the current date appears first in the display.  
  
Event details, including the days, hours, and minutes left until the scheduled event occurs also displays. The day, date, and time of the scheduled event appear in the bottom of the display.
3. Press the **Option** (left) soft key () while viewing your memos. A pop-up menu with the following options appears in the display.
  - **Add new**: Add a new event to Count Down.
  - **Edit**: Edit the event currently appearing in the display.
  - **Erase**: Erase the event currently appearing in the display.
  - **Erase All**: Erase all scheduled events from Count Down.
4. Use the navigation keys to highlight the option you want.
5. Press  to select the option.

## World time




World Time allows you to view the time of day or night in another part of the world. World Time displays time in the 24 different time zones around the world.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Planner**) and  for **World Time**. A world map appears in the display.
2. Use the navigation keys to display the city and time that you want to view. The following cities are supported.



New York	Caracas	Brasilia
Mid Atlantic	Cape Verde	London
Paris, Berlin	Athens, Helsinki	Moscow
Abu Dhabi	Tashkent	Alma-ata
Bangkok, Jakarta	Hong Kong, Beijing	Seoul, Tokyo
Guam, Sydney	Okhotsk	Wellington
Samoa, Midway	Honolulu, Hawaii	Alaska
San Francisco	Denver, Arizona	Chicago, Mexico

## Calculator




You can perform calculations, including addition, subtraction, multiplication, and division using your phone.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Planner**) and  for **Calculator**. The Calculator appears in the display.
2. Enter the first number in your equation using the keypad (numbers can be up to nine digits long).

---

**Note:** Press  to enter a decimal point, or press  to change the sign for a number to a negative.

---

3. Use the navigation keys to select the type of calculation you want to perform.
4. Enter the second number in your equation using the keypad (numbers can be up to nine digits long).
5. Press  to perform the calculation and view the result.
6. Press  to erase the calculation and result.
7. Repeat Steps 2 through 5 to perform another calculation, or press  again to return to the **Planner** menu.

## Section 9: Changing Your Settings

### Topics Covered

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- Time and Date Settings
  - Sound Settings
  - Display Settings
  - Voice Kit Settings
  - Setup Settings
- 

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






## Time and Date Settings

Use the **Clock Set** menu to set the current date and time.

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**Note:** With digital service, the Clock Set menu is disabled.





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1. In standby mode, press the **Menu** (left) soft key () , then press  (**Setup**),  (**Others**), and  for **Clock Set**.
2. Enter the current time and date using your keypad.  
The month, day, hour, and minute must be entered with two digits. The year requires all four digits, and you must enter the hour in 24-hour format.
3. Press  to save the time and date.

## Sound Settings

The **Sounds** menu provides a variety of options to customize audio properties for such things as ringtones, keypad tones, alerts, shut down sounds, and more.

### Volume/Vibrate

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Sounds**) and  for **Volume/Vibrate**.
2. Use the navigation keys to highlight **Calls** or **Alarm**, then press .
3. Use the up and down volume keys to select one of the following volume levels or vibrate modes:
  - **Silent** - No sound or vibration.
  - **1 Beep** - Plays a single beep without vibration.

- **Vibrate** - Vibrates only, no sound.
  - **Level 1-5** - Plays sound only at selected level without vibration.
  - **Vib+Ring** - Vibrates first, then plays sound.
4. Press **OK** to save the setting.

## Ringer type

The **Ringer Type** menu allows you to set a unique ring for voice calls, messages, data/fax, alarms, and schedule. As you change a ringer type, it plays so you can preview it.

1. In standby mode, press the **Menu** (left) soft key (**☰**), then press **6** (**Sounds**), and **2** for **Ringer Type**.

The following ringer types appear in the display:

- **Calls**
  - **Alarm**
  - **Planner**
2. Use the navigation key to highlight a ringer type, then press **OK**. A pop-up menu containing the following options appears in the display:
    - **Preloaded**
    - **My Melody**
  3. Choose **Preloaded** to preview sounds included with your phone, or choose **My Melody** to preview sounds you have downloaded and saved.
  4. A list of bells and melodies appears in the display, each playing as it is highlighted.
  5. Use the navigation keys to browse through available ring tones.

- When the desired ringer type plays, press **OK** to save the setting.

## Key beep

Use the **Key Beep** menu to adjust the tone volume that your keypad generates when you press a key.

### Key beep volume

- In standby mode, press the **Menu** (left) soft key (**☰**), then press **6** (**Sounds**) and **3** for **Key Beep**. **Volume** is highlighted.
- Press **OK**.
- Use the volume keys or the navigation key to set the volume level for keypad tones. A tone sounds as you increase or decrease the volume setting.
- Press **OK** when the key beep volume setting you want displays. You're returned to the Key Beep sub menu.




### Key beep tone length

- In standby mode, press **Menu** (left) soft key (**☰**), then press **6** (**Sounds**) and **3** for **Key Beep**. **Volume** is highlighted.
- Use the navigation keys to highlight **Tone Length**, then press **OK**.
- Use the navigation keys to highlight **Long** or **Normal**.
- Press **OK** to save your settings.





## Alerts

You can set your phone to sound an alert whenever you enter or leave your service area, connect or disconnect a call, as well as other options.

1. In standby mode, press the **Menu** (left) soft key (  ), then press  (**Sounds**) and  for **Alerts**.

The following options appear in the display:

- **Minute Beep:** Sound an alert ten seconds before each elapsed minute of a call.
- **Service:** Sound an alert when you go into and out of your coverage areas.
- **Connect:** Sound an alert when a call is connected.
- **Disconnect:** Sound an alert when a call is dropped.
- **Fade:** Sound an alert when a dropped call occurs during a conversation.
- **Roam:** Sound an alert when you leave your home service area while on a call.
- **Privacy:** Sound a tone whenever you are in enhanced privacy mode.

2. Use the navigation keys to highlight the sub menu you want, then press  .
3. Use the left or right navigation key to activate (or deactivate) the selected alert, then press  .

## Power on/off

Set your phone to play a sound whenever you turn it on or off.

1. In standby mode, press the **Menu** (left) soft key (⋮), then press **Sounds** and **Power On/Off**. The following options appear in the display:
  - Off
  - On
2. Use the navigation keys to highlight the option you want, then press **OK**.

## Roam ringer

Set your phone to sound a unique tone when a call is received outside your home service area. This feature is set to Off by default.

1. In standby mode, press the **Menu** (left) soft key (⋮), then press **Sounds** and **Roam Ringer**.
2. Use the navigation keys to highlight **On** or **Off**, then press **OK**.

## Display Settings


Set the standby mode animation, customize backlight settings, and more using the **Display** menu.

1. In standby mode, press the **Menu** (left) soft key (⋮), then press **Display**. The following options appear in the display:
  - **Animation**: Choose the media that displays on your phone when you turn it on, turn it off, and while in standby mode.

- **Banner:** Create your own personalized greeting that appears in the display when your phone is in standby mode.
  - **Backlight:** Set backlight options for the LCD and keypad.
  - **Contrast:** Set the display contrast.
  - **Auto Hyphen:** With Auto Hyphen enabled, your phone automatically hyphenates phone numbers as they are entered.
  - **Service LED:** Turn the service LED on or off.
  - **Dialing Color:** Set the color(s) applied dialed numbers in the display.
2. Use the navigation keys to highlight the sub-menu you want.
  3. Press **OK** to select the menu. The following sections describe the sub-menus above.

## Animation

Animation lets you choose the graphic images your phone displays when it is turned on or off, or while it is in standby mode (wallpaper).

1. In standby mode, press the **Menu** (left) soft key () , then press **5** (**Display**) and **1** (**Animation**).
2. The options listed in the following table appear in the display.
  - **Opening:** Choose the animation that appears in your display when you turn on your phone.
  - **Closing:** Choose the animation that appears in your display when you turn off your phone.
  - **Wallpaper:** Choose the graphic or animation that appears in your display when the phone is in standby mode.

3. Use the navigation keys to highlight the menu you want, then press **OK**. The currently selected image appears in the display.
4. Use the navigation keys to highlight the image or wallpaper you want, then press **OK** to select it.

## Banner

Create your own personalized greeting that appears in the display while your phone is in standby mode.

1. In standby mode, press the **Menu** (left) soft key (**☰**), then press **5** (**Display**) and **2** (**Banner**).

---

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

---

2. Enter a word or short phrase that will appear in your phone's display while it is in standby mode (Up to 12 characters).
3. Press **OK** to save the new banner.

## Backlight

You can set the backlight for your display or keypad to remain on for a specified period of time or remain on as long as your phone is open.

---

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


---

1. In standby mode, press the **Menu** (left) soft key (**☰**), then press **5** (**Display**) and **3** (**Backlight**). The following sub menus appear in the display:

- **LCD:** Sets the amount of time the backlight for the LCD remains on after a period of inactivity. Optional settings are 5, 10, and 15 seconds as well as Folder Open.
  - **Keypad:** Sets the amount of time the backlight for the keypad remains on after a period of inactivity. Optional settings are 5, 10, and 15 seconds as well as Folder Open.
  - **Power save:** Unless the backlight setting for the LCD has been changed, the backlight dims after a minute of inactivity, and then turns off. With Power save enabled, the backlight for the LCD is always dim. After approximately one minute of inactivity, Power save turns the backlight off.
2. Use the navigation keys to highlight the menu you want, then press **OK** to select it.


## Contrast

Set the display contrast to your preference.

1. In standby mode, press the **Menu** (left) soft key () , then press **5** (**Display**) and **4** (**Contrast**).
2. Use the left and right navigation keys to adjust the contrast for the display.
3. Press **OK** to exit.

## Auto Hyphen

Auto Hyphen automatically hyphenates phone numbers as they are entered. For example: 580-437-0000.

1. In standby mode, press the **Menu** (left) soft key () , then press **5** (**Display**) and **5** (**Auto Hyphen**). The following options are available:
  - No
  - Yes

2. Use the navigation keys to highlight the setting you want.
3. Press **OK** to select the setting.

## Service LED

The Service LED, located near the antenna, serves the following functions:

- Flashes red to indicate an incoming call or message.
- Lights briefly when you power the phone on.
- Flashes red when the phone is in need of a charge.

### Turn the service LED off/on


1. In standby mode, press the **Menu** (left) soft key (**☰**), then press **5** (**Display**) and **6** for **Service LED**. The following options appear in the display:
  - **Off**
  - **On**
2. Use the navigation keys to highlight your preference, then press **OK**.


## Dialing Color

Set the color or colors applied to numbers entered using the keypad to your preference.

1. In standby mode, press the **Menu** (left) soft key (**☰**), then press **5** (**Display**) and **7** for **Dialing Color**. The following options appear in the display:
  - **Basic**: Shows entered numbers in black
  - **Rainbow**: Shows entered numbers in a progression of colors
  - **Monochrome**: Shows entered numbers in the color you select
  - **Hyphenate**: Shows the first three, second three, and final four entered numbers in separate colors you select




2. Use the navigation keys to highlight the desired option.
3. Press **OK** to select the desired option. Sample color numbers appear in the display.

When you select the **Monochrome** or the **Hyphenate** option, a color menu also appears near the bottom of the display. Use the left and right navigation keys to select the desired color(s). For the **Hyphenate** option, press the **Next** (right) soft key () to select succeeding groups of digits.

4. Press the **Done** (left) soft key () to exit.

## Voice Kit Settings

To set the key or action that launches your voice kit, follow these steps.

1. In standby mode, press the **Menu** (left) soft key (), then press  (**Voice Kit**) and  for **Set Active**. The following options appear in the display:
  - **[0] Only**
  - **[0]/Folder**
  - **[0]/EarMic**
2. Use the navigation keys to highlight the option you want, then press **OK** to save and exit.

---

**Note:** Your phone is initially set to **[0] Only**, so that when you press and hold the  key, the voice kit commands are activated. If you select one of the other options, such as **Folder** or **EarMic**, your phone will launch the voice kit commands when you open the slide or when you attach the optional headphone set to your phone, as well as when you press and hold the  key.

---

## Setup Settings

Use the Setup menu to customize many of your phone's options to suit your preferences. Using this menu, you can set or change security features, shortcuts, language, and more.





### Location

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

---

**Note:** Contact Verizon Wireless to determine if, when, or where location-based services are available.






---

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Setup**) and  for **Location**. The following Location options appear in the display:
  - **Location On:** GPS location setting is on wherever the feature is available.
  - **911 Only:** GPS location setting is on only when you dial 911.
2. Use the navigation keys to highlight the option you want.
3. Press  to select the desired Location setting. You're returned to the Setup menu.

### Network

The **Network** menu allows you to select Roam Option and NAM settings for your phone. You can change your roaming options or store two NAM settings, which are essentially telephone numbers, for your phone.






1. In standby mode, press the **Menu** (left) soft key () , then press  (**Setup**) and  for **Network**. The following options appear in the display:
  - **Set NAM: NAM1** is the default, your phone operates on the phone number assigned by your carrier. If you select **NAM2**, your phone operates on your second number, if assigned.
  - **Roam Option**: Set your phone's roaming options to **Home only**, **Automatic-A**, or **Automatic-B**.
2. Use the navigation keys to highlight the sub menu you want, then press .
3. Use the navigation keys and  to highlight and select from the available options.

## Security

Use the Security menu to lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, and more.

### Lock phone



Locking your phone prevents all outgoing calls, except 911 emergency calls, until you enter the (un)lock code. With the phone in lock mode, you can, however, answer incoming calls.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Setup**) and  for **Security**. You're prompted to enter the lock code.

---




**Note:** The default lock code is the last four digits of your mobile phone number.

---

2. Press  for **Lock Phone**. The following options appear in the display:
  - **Never**: The phone remains unlocked.
  - **On power up**: The phone locks automatically the next time your phone is powered on and stays locked until you enter the lock code.
  - **Now**: The phone locks immediately and stays locked until you enter the lock code.
3. Use the navigation keys to highlight the Lock Phone option you want.
4. Press  to select the option.

### Change lock


The default lock code for your phone is the last four digits of your phone number. It is advisable to change the default lock code to a secret code for security purposes.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Setup**) and  for **Security**. You're prompted to enter the lock code.

---

**Note:** The default lock code is the last four digits of your mobile phone number.

---

2. Press  for **Change Lock**. You're prompted to enter the new lock code.
3. Enter the new lock code. You're prompted to re-enter the new lock code for verification.
4. Enter the new lock code again. Your changes are stored.

---

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

---

## Emergency numbers

Your phone provides the option of storing three emergency numbers. Each number can be up to 32 digits in length. All emergency numbers can be dialed manually at any time, even when your phone is in locked or restricted mode.

---

**Note:** Emergency number 911 is coded into your phone. You can dial this number any time, even when the phone is locked or restricted. If you call 911, an audible tone is heard and an Emergency prompt appears in the display for the duration of the call.

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**Important!** Because of various transmission methods, network parameters, and user settings necessary to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.



**Important!** DO NOT depend on this phone as a primary method of calling 911 or for any other essential or emergency communications.

Remember to always turn your phone on and check for adequate signal strength before placing a call.






## Store Emergency Numbers

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Setup**) and  for **Security**. You're prompted to enter the lock code.


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**Note:** The default lock code is the last four digits of your mobile phone number.

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2. Enter the lock code, then press  for **Emergency #**.
3. Press , , or  to select one of the three entry options.
4. Enter the emergency number (up to 32 digits in length).
5. Press  to save the number that you entered.

### Call Emergency Numbers in Lock Mode

1. In standby mode, enter the emergency number using your keypad.
2. Press  to place the call.




### 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 (that is, set to **Enhanced**), turns on advanced voice encryption.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Setup**) and  for **Security**. You're prompted to enter the lock code.

---

**Note:** The default lock code is the last four digits of your mobile phone number.


---

2. Press  for **Voice Privacy**. The following options appear in the display:
  - **Standard:** Voice privacy is disabled.
  - **Enhanced:** Voice privacy is enabled.

3. Use the navigation keys to highlight the Voice Privacy option you want, then press **OK**.

## Restriction

**Restriction** allows you to restrict outgoing and incoming calls. You can also restrict access to your Contacts.

1. In standby mode, press the **Menu** (left) soft key () , then press **8** (**Setup**) and **3** (**Security**). You're prompted to enter the lock code.

---

**Note:** The default lock code is the last four digits of your mobile phone number.

---

2. Press **5** (**Restriction**). The following options appear in the display:
  - **Outgoing:** When set to **Yes**, outgoing calls are restricted.
  - **Incoming:** When set to **Yes**, incoming calls are restricted.
  - **Contacts:** When set to **Yes**, all access to your Contacts List is restricted (including speed dialing).

---




**Note:** The default restriction settings are all **No**.

---

3. Use the navigation keys to highlight the Restriction you want, then press **OK**. The following options appear in the display:
  - **No:** Unrestricted
  - **Yes:** Restricted
4. Use the navigation keys to highlight **Yes** or **No**, then press **OK**.

## Erase memory



Erase memory erases your Voice Kit recordings. This feature is useful if you want to give your phone to a friend or family member.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Setup**) and  for **Security**. You're prompted to enter the lock code.

---




**Note:** The default lock code is the last four digits of your mobile phone number.

---

2. Press  for **Erase Memory**. A confirmation prompt appears in the display.
3. Use the navigation key to highlight **Yes** or **No**, then press . A confirmation message appears in the display while the memory is erased.

## Reset Phone



The Reset Phone feature restores the factory default settings, while erasing your saved options and clearing your call logs. This cannot be undone once the confirmation message is accepted.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Setup**) and  for **Security**. You're prompted to enter the lock code.

---

**Note:** The default lock code is the last four digits of your mobile phone number.

---






2. Press  for **Reset Phone**. A prompt appears in the display asking if you want to restore default settings (except for the Contacts list).
3. Use the navigation key to highlight **Yes** or **No**, then press .

## Others

The **Others** menu contains options for setting Call Answer mode, Language, and other settings.

### Shortcut








The Shortcut menu allows you to customize the down navigation key to launch any one of several functions while in standby mode.

1. In standby mode, press the **Menu** (left) soft key () , then press  (**Setup**),  (**Others**), and  for **Shortcut**. The following options appear in the display:
  - **Scheduler**
  - **Animation**
  - **Ringer Type**
  - **Alarm**
  - **Calculator**
  - **Memo Pad**
2. Use the navigation keys to highlight the function you want, then press .

Now when your phone is in standby mode, you can launch the selected function by simply pressing the down navigation.





## Folder Setting (Call answer)

You can select a specific method for answering incoming calls. Set your phone to any of the following options:

- **Send Key:** Press  to answer an incoming call.
  - **Folder Open:** Open the folder cover to answer an incoming call.
  - **Any Key:** Press any key except  to answer an incoming call.
1. In standby mode, press the **Menu** (left) soft key () , then press  (**Setup**),  (**Others**), and  for **Call Answer**. The following options appear in the display:
    - **Send Key**
    - **Folder Open**
    - **Any Key**
  2. Use the navigation keys to highlight the option you want to use for answering calls, then press .

## Auto Retry

Auto Retry automatically re-dials a number if the call does not connect. Depending upon your location, the number of times your phone automatically dials the number may vary.





1. In standby mode, press the **Menu** (left) soft key () , then press  (**Setup**),  (**Others**), and  for **Auto Retry**. The following options appear in the display:
  - **Off**
  - **Every 10 sec**
  - **Every 30 sec**
  - **Every 60 sec**



- Use the navigation keys to highlight the setting you want, then press **OK**.

## Language

The Language option lets you change the language used in voice prompts, menus, and key-input.

- In standby mode, press the **Menu** (left) soft key () , then press  (**Setup**),  (**Others**), and  again for **Language**. The following options appear in the display:
  - English**
  - Spanish**
- Use the navigation keys to highlight your language preference, then press **OK**.





## Clock Set

Use the Clock Set option to set the current date and time.

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**Note:** In digital service mode, the Clock Set option is disabled. The network adjusts time and date automatically.





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- In standby mode, press the **Menu** (left) soft key () , then press  (**Setup**),  (**Others**), and  again for **Clock Set**. The Main Clock screen appears in the display with the current hour digits highlighted.
- Enter the current time and date using your keypad. The month, day, hour and minute must be entered with 2 digits. The year requires all four digits, and you must enter the hour in 24-hour format.

3. Press **OK** to save the time and date and to return to the Setup menu.




### TDY/TDD Mode

Your phone is fully Teletypewriter (TTY)/Telecommunication Device for the Deaf (TDD) compatible. TTY/TDD equipment is connected to your phone through the headset connector on the left side of the phone. TTY/TDD must be enabled before you can use your phone with a TTY/TDD device.

1. In standby mode, press the **Menu** (left) soft key () , then press **Setup** () , **Others** () , and **TTY/TDD Mode** () for **TTY/TDD Mode**. The following options appear in the display:
  - **TTY Off**: Disables TTY/TDD mode.
  - **TTY + Hear**: Enables TTY/TDD mode and headphone.
  - **TTY + Talk**: Enables TTY/TDD mode and microphone.
  - **TTY Full**: Enables TTY/TDD mode.
2. Press **OK** to return to the Setup menu.

### Version

Version lets you view the PRL (Preferred Roaming List), software version, hardware version, and ERI (Extended Roaming Indicator) of your phone. This information is useful if you need to contact Customer Service.

1. In standby mode, press the **Menu** (left) soft key () , then press **Setup** () and **Version** () . Your phone's hardware and software information appears in the display.
2. Press **OK** to return to the Setup menu.





Section 9

## Section 10: Health and Safety Information

### Topics Covered

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- 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. Body-worn operations are restricted to Samsung-supplied, approved, or non-Samsung designated accessories that have no metal and must provide at least 1.5 cm separation between the device, including its antenna (whether extended or retracted) and the user's body. Non-compliance with the above restrictions may result in violation of 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: 1.30 W/Kg.
- Body-worn: 0.943 W/Kg.

SAR information on this and other model phones can be viewed on-line at [www.fcc.gov/oet/fccid](http://www.fcc.gov/oet/fccid). 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).

## 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:

- 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-slc.gov/SLTC/radiofrequencyradiation/index.html>
- National Institute for Occupational Safety and Health (NIOSH):  
<http://www.cdc.gov/niosh/emfpg.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.nrpb.org.uk>

- Updated 4/3/2002: 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. Remember, it is a free call on your wireless phone!
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.wow-com.com](http://www.wow-com.com)

Provided by the Cellular Telecommunications & Internet Association

## 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).

## 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.

## Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker.

These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

### Persons with pacemakers:

- should always keep the phone more than 15 cm (6 inches) from their pacemaker when the phone is switched on.
- should not carry the phone in a breast pocket.
- should use the ear opposite the pacemaker to minimize potential interference.

If you have any reason to suspect that interference is taking place, switch your phone off immediately.

## Hearing Aids

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

## 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 15 minutes of 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.

- Hold the phone with the antenna raised, fully-extended and over your shoulder.
- Try not to hold, bend or twist the phone's antenna.
- Don't use the phone if the antenna is damaged.
- 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

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- 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.
- 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.
- 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 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.
- 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.
- 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 11: Warranty Information

### Topics Covered

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- Standard Limited Warranty
-

## Standard Limited Warranty

**What is Covered and For How Long? SAMSUNG**

TELECOMMUNICATIONS AMERICA, L.P.

("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/ Pouch	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:**

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- "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.

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