

SPH-a680 Series

P O R T A B L E   T r i - M o d e  
T E 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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# Getting Started




## Closed View of Phone




# Front View of Your Phone



## Key Functions

- 1. Speaker:** The speaker allows you to hear the other caller and the different ring tones and sounds offered by your phone.
- 2. Signal Strength Indicator:** This icon represents the signal strength by displaying bars. The more bars displayed, the better the signal strength.
- 3. Display Screen:** This screen displays all the information needed to operate your phone.
- 4. Headset Jack:** Allows you to plug in an optional headset for safe, convenient hands-free conversations.
- 5. Volume Key:** Allows you to adjust the ringer volume in standby mode (with the flip open) or adjust the voice volume during a call. The volume key can also be used to scroll up or down to navigate through the different menu options. To mute the ringer during an incoming call, press the volume key up or down.
- 6. OK/Voicemail Key:** Pressing  when navigating through a menu accepts the highlighted choice in the menu. In standby mode: Briefly pressing  displays the Messaging menu; pressing and holding  for two seconds automatically dials your voicemail.
- 7. Camera Key:** Allows you to access the Picture/Video menu with the press of a button. Press and hold to automatically launch the Camera.
- 8. TALK Key:** Allows you to place or receive a call. In standby mode, press the key once to access the Outgoing call log. If you press and hold the key down, you will initiate the Voice Recognition feature.

9. **Numeric Keypad:** Use these keys to enter numbers, letters, and characters.
10. **Shift/Asterisk Key:** Enters the asterisk [\*] character for calling features. In text entry mode, press to change the character input type (ABC, Abc, abc).
11. **Power Interface Connector:** The power interface connector is used to plug in the charging accessories.
12. **Accessory Interface Connector:** This connector is used to connect any available accessory cables to your phone.
13. **Microphone:** The Microphone allows the other caller to hear you clearly when you are speaking to them.
14. **Space/Pound Key:** Enters the pound [#] character for calling features. In text entry mode, press to enter a space.
15. **BACK Key:** Deletes characters from the display when you are in text entry mode. When in a menu, press to return to the previous menu.
16. **END Key:** Ends a call. Press and hold this key for a few seconds to turn your phone On or Off. When in the main menu, it returns the phone to standby mode and cancels your input. When you receive an incoming call, press to enter silent mode and mute the ringer. Alternatively, press and hold to send the call directly to voice mail.
17. **Navigation Key:** This key allows you to scroll through the phone menu options and provides a shortcut to phone functions from standby mode.
18. **MENU Key:** Displays the first level or Main Menu of options. Press  again to view the next menu page.

- 19. Side Camera Button:** This button is used to launch the integrated digital camera, both when the phone is open or closed.
- 20. Ringer Indicator:** This icon indicates that a ringer is set.
- 21. Battery Indicator:** The battery indicator displays the amount of remaining battery charge currently available in your phone. When all bars are displayed in the battery icon, the phone's battery is fully charged. When no bars are displayed, the phone's battery is completely discharged or empty.
- 22. Position Location:** This icon indicates that the position location feature is active.

## Viewing the Display Screen

Your phone's interior and exterior display screens provides a wealth of information about your phone's status and options. This list identifies the symbols you'll see on your phone's display screens:



indicates that your phone is in 1X service.



indicates that your phone is operating in digital (non 1X) service.



indicates that your phone is operating in analog service.



indicates that position location is active.



indicates that position location is inactive.




indicates that your phone is in security mode.



indicates that your phone is roaming.



indicates that you have voicemail, text messages, numeric pages, picture messages, video messages, or Web Alert messages waiting. Press  briefly to see a list of pending messages or press and hold to dial your voicemail box.



indicates that there is an unread message in the inbox.



indicates that the message has been read.



indicates that there is an unread urgent message in the inbox.



indicates that you have read the urgent message.



indicates that the message was sent.



indicates that the message failed to send.



indicates that you have a pending message.



indicates that the message is a draft.



indicates that there is URL text contained in the text message.



indicates that the phone is locked. A passcode must be entered before your phone can be used.



indicates that your phone is in vibrate mode.



indicates that the TTY option is On.



indicates that a file (ringer, game, screen saver, java app, etc.) has been downloaded to your phone.



indicates that the ringer is set at a level between 1-8 or that 1-Beep is selected.



indicates that the ringer is turned Off.



indicates that an alarm is set on your phone.



tells you a call is in progress.



means there is no service, as your phone cannot find a signal.



displays your current signal strength. The more lines you have, the stronger your signal.



shows your current battery charge strength. (Icon shown fully charged.)



indicates that the handset is in Camera mode.



indicates that the handset is in Camcorder mode.



indicates that the self-timer function is enabled. With the self timer enabled, a set amount of time is required prior to taking a picture or recording a video.



indicates that the multi-shot function is enabled. With multi-shot, a set number of pictures are taken in rapid succession based on the quality settings.



indicates that the movie light is enabled. The movie light is a bright spot light emitted from the rear of the handset to light up dark surroundings.



indicates that the silent movie function is enabled. This option disables the sound when taking a movie clip.



indicates that the white balance has been set to Sunny. This is used for taking pictures or movies outdoors on bright sunny days.



indicates that the white balance has been set to Cloudy. This is used for taking pictures or movies outdoors under cloudy conditions.



indicates that the white balance has been set to Tungsten. This is used for taking pictures or movies indoors under normal lighting conditions.





indicates that the white balance has been set to Fluorescent. This is used for taking pictures or movies indoors under fluorescent lighting conditions.



indicates that the white balance has been set to Manual. This is used for taking pictures or movies indoors or outdoors using your own custom settings.



indicates that a picture or movie clip has been assigned a function. An example may be Picture ID, Screensaver, or Incoming Call.



Press this softkey to start recording a movie clip.



Press this softkey to pause playback of a movie clip.



Press this softkey to play a movie clip.



Press this softkey to stop recording a movie clip.



indicates that a picture or movie clip has been uploaded to an online album or folder.



indicates that a picture or movie clip has been downloaded from the web.

---

**Tip:** Display indicators let you know when you're off the network.

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## Features of Your Phone


Congratulations on the purchase of your Samsung SPH-a680 phone. This phone is lightweight, easy-to-use, reliable, and it also offers many significant features and service options:

- Dual-band/Tri-Mode capability provides access to other Digital Networks where roaming agreements are established. See "Roaming" on page 46.
- Mobile Browser™ provides access to the wireless Internet in digital mode. See "Launching the Browser" on page 117.

- Messaging provides quick and convenient text messaging capabilities. See "Using Text Messaging" on page 108.
- Downloadable games, ringers, screen savers, and applications allow you to turn down time into fun time and to personalize your phone. See "Downloading Games, Ringers, Screen Savers and Applications" on page 122.
- The built-in organizer lets you schedule alerts to remind you of important events. See "Personal Organizer" on page 66.
- Three hundred internal phone book entries store up to six phone numbers each. See "Using the Internal Phone Book" on page 60.
- Voice Signal/Voice Command.
- English or French Language Menus.

## Turning Your Phone On and Off

To turn your phone on:

- Press  to turn your phone on.


Once your phone is On, it displays "Looking for Service" which indicates that your phone is searching for a signal. When your phone finds a signal, it automatically enters standby mode – the phone's idle state. At this point, you are ready to begin making and receiving calls. If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. When a signal is found, your phone automatically returns to standby mode. In Power Save mode, your phone searches for a signal periodically without your intervention. You can also initiate a search for service by pressing any key (when your phone is turned On).

---

**Tip:** The Power Save feature helps to conserve your battery power when you are in an area where there is no signal.

---

To turn your phone off:

- Press and hold  for two seconds until you see the powering down animation on the display screen.

Your screen remains blank while your phone is off (unless the battery is charging).

## Using Your Phone's Battery and Charger

### Battery Capacity

Your phone is equipped with a Lithium Ion (Lilon) battery. It allows you to recharge your battery before it is fully drained. The battery provides approximately 3 hours of continuous digital talk time (1 hour in analog) or approximately 168 hours of continuous digital standby time (18 hours in analog).

When the battery reaches 5% of its capacity, the battery icon blinks. When there are approximately two minutes of talk time left, the phone sounds an audible alert and then powers down.

---

**Note:** Long backlight settings, searching for service, vibrate mode, playing games, using a video as a screen saver and browser use affect the battery's talk and standby times.

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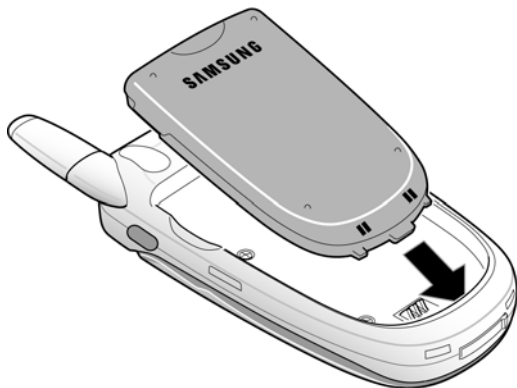
**Tip:** Be sure to watch your phone's battery level indicator and charge the battery before it runs out of power.

---

## Installing the Battery

To install the Lilon battery:

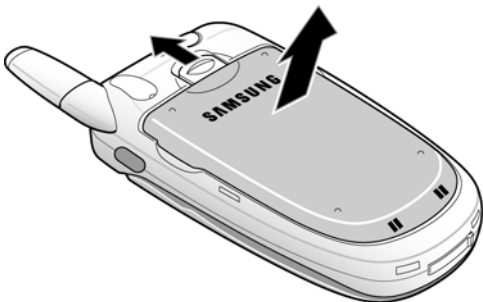
1. Insert the battery into the opening on the back of the phone at an angle, making sure the plastic tab on the bottom of the battery is inserted into the matching slot in the phone.
2. Press down until the battery snaps into place.



## Removing the Battery


To remove your battery:

1. Make sure the power is off so that you don't lose any stored numbers or messages.
2. Push the battery release latch up completely.
3. Using the side tabs, pull the top of the battery away from the phone and remove.



## Charging the Battery

Your phone's Lilon battery is rechargeable and should be charged as soon as possible so you can begin using your phone.

Keeping track of your battery's charge is important. If your battery level becomes too low, your phone automatically turns off and you will lose all the information you were just working on. For a quick check of your phone's battery level, glance at the battery charge indicator located in the upper-right corner of your phone's display screen. If the battery charge is getting too low, the battery icon (  ) blinks and the phone sounds a warning tone.

Always use a Samsung-approved desktop charger, travel adapter, or vehicle power adapter to charge your battery.

---

**Warning!** Using the wrong battery charger could cause damage to your phone and void the warranty.

---

## Using the Desktop Charger

To use the desktop charger provided with your phone:

- Plug the outlet from the desktop charger in the wall. Place your phone into the desktop charger, making sure that it fits securely. If properly connected, you should see the charging lights.
  - A red light on the desktop charger and an animated battery icon on the phone indicates that the battery is charging.
  - A green light on the desktop charger indicates that the battery is at least 90 percent charged.
  - A yellow light on the desktop charger indicates that there is a problem charging the phone.

It takes approximately 4 hours to fully recharge a completely rundown standard battery. With the Samsung approved Lilon battery, you can recharge the battery before it becomes completely run down. When the flip is open, an animated battery icon is displayed on the screen. When the battery is completely charged, a green light is displayed continuously on the desktop charger.



## Displaying Your Phone Number

Just in case you forget your phone number, your phone can remind you.

To display your phone number:

- Press     to display your **phone number**.


---

**Note:** To access the phone's main menu, press  from standby mode. Menu items may be selected by highlighting them with the navigation key and pressing , or you can press the number corresponding to the menu item on your keypad.





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# Making and Answering Calls


## Making Calls

Placing a call from your phone is as easy as making a call from any land-line phone. Just enter the number and press  and you're on your way to clear calls.

To make a call using your keypad:

1. Make sure your phone is on.
2. Enter a phone number. (If you make a mistake while dialing, press  to erase one digit at a time. Press and hold  to erase the entire number.)
3. Press  to call.
4. Press  or close the phone when you are finished.

---


**Tip:** To redial your last outgoing call, press  twice.

---

You can also place calls from your phone by using Voice Command, Speed Dialing numbers from your Phone Book (page 22), and using your Call History listings (page 57).

## Answering Calls

To answer an incoming call:



1. Make sure your phone is on. (If your phone is off, incoming calls go to voicemail.)
2. Press  to answer an incoming call. (Depending on your phone's settings, you may also answer incoming calls by opening the phone or by pressing any number key. See "Call Answer Mode" on page 37 for more information.)

Your phone notifies you of incoming calls in the following ways:

- The phone rings or vibrates (unless set to Silence All).
- The LED flashes.
- The backlight illuminates.
- The screen displays an incoming call message.

If the incoming call is from a number stored in your Phone Book, the phone book entry's name is displayed. The caller's phone number may also be displayed, if available.

The following options are also available:

- Press  or the volume key to quiet the ringer.
- Press and hold  or the volume key to send the incoming call to your voicemail box.

---

**Note:** When your phone is off, incoming calls go to voicemail.

---

## Ending a Call

To disconnect a call when you are finished:

- Close the phone or press .



## Missed Call Notification

When an incoming call is not answered, the Missed Call log is displayed on your screen.



To display the Missed Call entry:

- Highlight the entry and press . (To dial the phone number, press .)

## Calling Emergency Numbers

You can place calls to 911 (dial    and press ) , even if your phone is locked or your account is restricted.

---

**Warning:** After initiating a 911 call, you must end the call by pressing  . This notifies the phone that the 911 call was terminated intentionally by the user. No other calls can be made prior to terminating the 911 call.



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**Warning:** You can not make 911 calls when the phone is in airplane mode and the icon " phone off " is displayed. Turn the phone back on, by disabling airplane mode or turning the phone on and off before making a 911 call.


---

## In-Call Options

Select actions by pressing  during a call. A list of features is displayed that allows you to perform different actions during the course of a call. The following options are available: (To select an option, press the corresponding keypad number or highlight the option and press .)

- **(1) Mute** or **UnMute** allows you to mute or reactivate your phone's microphone.
- **(2) Call History** checks your call log for Missed, Outgoing, and Incoming calls. You can also erase the logs from this menu.
- **(3) Phone Book** accesses the Phone Book menu options.
- **(4) 3-Way Call** allows you to talk to two different people at the same time. (For more information, see "Making a Three-Way Call" on page 106.)
- **(5) Messaging** allows you to check for voicemail and notifications.
- **(6) Voice Memo** allows you to record the current conversation. (For more information, see "Reviewing and Erasing Memos" on page 85.)
- **(7) Tools** accesses the Tools menu options.
- **(8) Phone Info** displays the hardware/software version, Username, and PRL being used.

## End-of-Call Options

After receiving a call from or making a call to a phone number that is not in your Phone Book, the phone number and the duration of the call are displayed. Press  to add the new number to your Phone Book. (See below for more information on “Saving a Phone Number.”)

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**Note:** The End-of-Call options are not displayed for calls identified as Unknown ID or Restricted number.

---


## Saving a Phone Number



Your phone can store up to 300 Phone Book numbers. Phone Book entries can store up to a total of six phone numbers, and each entry's name can contain up to 20 characters. (For more information, see Section 2G: Using the Phone Book on "Adding a New Phone Book Entry" on page 60.)



To save a number from standby mode:

1. Enter a phone number.
2. Press .
3. Press  again for **Add New Entry**.

— or —

Scroll through the phone book to select an existing name and press  to add the additional number to the selected entry.

4. Use your navigation key to select a label (**Home, Work, Mobile, Pager, Fax, or No Label**) and press .
5. Enter a name for the entry using the numeric keys. Press  to change the entry method between **T9 (English), Alpha, Symbol, and Number**. (See "Entering Text" on page 23.)

6. When finished entering the name, press  to return to the phone book entry.
7. Press  to save the entry.

---



**Note:** If entries are already saved in the phone book, skip step 5-6 listed above.

---

## Finding a Phone Number

This feature allows you to search for phone numbers saved in your address book by entering 1-4 numbers of the last four digits saved. When searching, you must enter the digits in sequential order starting from the last digit. For example; if you have a number saved with “1234” as the last four digits, you can enter “34” and a match will be found. If you enter “12”, no match will be found since the numbers are not in sequential order from the last digit.


To find a phone number:

1. Enter one to four numbers of the last four digits of a phone number and press  and select **Find**. (A list of possible matches is displayed.)
2. Use your navigation key to display the desired entry.
3. To dial the number, highlight it and press .

## Dialing and Saving Phone Numbers With Pauses

You can dial or save phone numbers with pauses for use with automated systems, such as voicemail or credit card billing numbers.

There are two types of pauses available on your phone:




- **Hard Pause** sends the next set of numbers when you press .
- **2-Second Pause** automatically sends the next set of numbers after two seconds.


---

**Note:** You can have multiple pauses in a phone number and combine 2-second and hard pauses.

---

To dial or save phone numbers with pauses:







1. Enter a phone number from standby mode.
2. Press  and select **Hard pause** or **2-sec pause**. Hard pauses are displayed as a “P” and 2-second pauses as a “T”.
3. Enter additional numbers.
4. Press  to dial the number.  
— or —  
Press  and select **Save** to save the number in your internal Phone Book.

When dialing a number with a hard pause, press  to send the next set of numbers.

## Abbreviated Dialing



Abbreviated dialing allows you to enter a five or six-digit prefix for commonly used phone numbers. When abbreviated dialing is On, you can enter the last four or five digits of any phone number that matches the five or six digit prefix, and the number is dialed using the prefix numbers with only the last four or five digits entered.

To set up abbreviated dialing:

1. Press  for **Main Menu**.
2. Press  for **Settings**.
3. Press  for **Others**.
4. Press  for **Abbrev. Dial**.
5. Press the navigation key up or down to select **On** and press .
6. Input the five or six digit prefix and press  to **Save**.

### Making an Abbreviated Dial Call

To make a call:

1. Enter the last four or five digits of the prefix phone number.
2. Press   for **Abbrev. Dial**.

## Dialing From the Internal Phone Book

To dial directly from a Phone Book entry:

1. Press the navigation key down to display your internal Phone Book.
2. Scroll left or right to search by **Name**, **Entry**, or **Group**.
3. Highlight the desired option and press the navigation key down.


- Name:** Enter the first few letters of the entry's name to locate the desired entry.

— or —


**Entry:** Enter the entry number using the keypad.

— or —

**Group:** Press the navigation key up or down to select the desired group.

- Scroll to highlight the desired entry and press  to make the call.

---

**Tip:** If the desired entry contains more than one phone number, scroll left or right to display the number you wish to call and press  to make the call.

---

## Using One-Touch/Two-Touch/Three-Touch Speed Dialing

You can store up to three hundred numbers in your phone's speed dial memory to make contacting friends and family as easy as pressing a few buttons. With this feature, you can dial Speed Dial entries using one key press for locations 1-9, two key presses for locations 10-99, and three key presses for 100-300.

To use One-Touch Dialing for Speed Dial locations 1-9:

- Press and hold the appropriate key for approximately two seconds. (The display confirms that the number has been dialed when it shows "Calling...".)






To use Two-Touch Dialing for Speed Dial locations 10-99:

1. Press the first digit.
2. Press and hold the second digit for approximately two seconds. (The display confirms that the number has been dialed when it shows "Calling...".)

To use Three-Touch Dialing for Speed Dial locations 100-300:

1. Press the first digit.
2. Press the second digit.
3. Press and hold the third digit for approximately two seconds. (The display confirms that the number has been dialed when it shows “Calling...”.)

---

**Note:** Your phone also supports 1- 4 digit dialing. If you enter a number using the keypad without holding the last number and then press  , your phone will dial those digits. (For example, if you enter   and press  and press  , it dials 211, not the number stored in memory location 211.


---

## Entering Text

### Selecting a Character Input Mode

Your phone provides convenient ways to enter words, letters, punctuation, symbols, and numbers whenever you are prompted to enter text (for example, when adding a Phone Book entry or when sending text messages).

To change the character input mode:


1. When you display a screen where you can enter text, press .
2. Select a character input mode:
  - **T9 (English)** to enter characters using predictive T9 Text Input (see page 24).
  - **Alpha** to enter characters by tapping the keypad (see page 24).
  - **Symbol** to enter symbols (see page 25).






- **Number** to enter numbers (see page 25).

## Entering Characters Using T9 Text Input








T9 Text Input lets you enter text in your phone by pressing keys just once per letter. (To select the **T9 (English)** mode when entering text, see “Selecting a Character Input Mode” above.)

T9 Text Input analyzes the letters you enter using an intuitive word database and creates a suitable word. (The word may change as you type.) If the word you want does not display after you have entered all the letters, press  to scroll through additional word selections.

To accept a word and insert a space, press .

If you make a mistake, press  to erase a single character. Press and hold  to delete an entire entry.






To enter text using T9:

1. From the text entry screen (for example, a new event in scheduler), press  and select **T9 (English)**.
2. Use your keypad to enter the new event. (For example, to enter “Meeting”, press  once,  twice,  once,  once,  once, and  once.)













## Entering Characters by Tapping the Keypad

To enter characters by tapping the keypad, select the Alpha mode (see “Selecting a Character Input Mode” on page 23). Press the corresponding key repeatedly until the desired character appears. By default, the first letter of the first word is capitalized and following letters are lowercase.

To enter text using Alpha:

1. From a text entry screen (for example, a phone book entry), press  and select **Alpha**.
2. Use your keypad to enter the contact's name. (For example, to enter “Bill”, press  twice,  three times,  three times, and  three times again.)

Characters scroll in the following order:

-  . , - ? ! ' @ : / 1       P Q R S 7
-  A B C 2       T U V 8
-  D E F 3       W X Y Z 9
-  G H I 4       0 Next 0
-  J K L 5       Space
-  M N O 6       Shift

After a character is entered, the cursor automatically advances to the next space after two seconds or when you enter a character on a different key.

## Entering Numbers and Symbols

To enter numbers:


- Select the **Number** mode and press the appropriate key. (See “Selecting a Character Input Mode” on page 23.)

To enter symbols:

- Select the **Symbol** mode. (See “Selecting a Character Input Mode” on page 23.) To enter a symbol, press the appropriate key indicated on the display.

# Controlling Your Phone's Settings

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**Reminder:** To access the phone's main menu, press (Menu) from standby mode. Menu items may be selected by highlighting them with the navigation key and pressing , or you can press the number corresponding to the menu item on your keypad.

---

## Sound Settings

### Adjusting the Phone's Volume Settings

To adjust the ringer or key tone volume:

1. Press   for **Settings**.
2. Press  for **Sounds**.
3. Press  for **Ringer Volume**.
4. Press for  for **Calls**,  for **Messages**, or  for **Alarms**.
5. Press the navigation key left or right until the desired volume level is selected and press  to **Save** and exit.

---

**Tip:** You can adjust the ringer volume in standby mode (or the earpiece volume during a call) by using the volume key on the side of your phone.

---

### Ringer Types

Ringer types help you identify incoming calls and messages. You can assign ringer types to individual phone book entries, types of calls, Scheduler entries, and types of messages.









- **Single Tones** are non-polyphonic traditional style ring tones.

- **Ring Tones** include a variety of standard ringer types.
- **Melodies** includes a variety of standard musical melodies.
- **Downloaded Ringers** can be downloaded right to your phone. See "Downloading Ringers" on page 123
- **Vibrate** alerts you to calls or messages without disturbing others. To select vibrate mode, press the volume key down while your phone is in idle mode until Vibrate is selected.

## Selecting Ringer Types for Voice Calls

Your phone provides a variety of ringer options that allow you to customize your ring and volume settings. These options allow you to identify incoming calls by the ring.









To select a ringer type for voice calls:

1. Press   for **Settings**.
2. Press  for **Sounds**.
3. Press  for **Ringer Type**.
4. Press  for **Voice Calls**.
5. Press  for **With Caller ID** or  for **No Caller ID**.
6. Press the navigation button left or right to select **Single Tones**, **Ring Tones**, **Melodies**, or **Downloaded** ringers.
7. Press the navigation button down and then left or right to select the desired Ringer.
8. Press  to **Save** and exit.

## Selecting Ringer Types for Messages







To select a ringer type for messages:

1. Press   for **Settings**.
2. Press  for **Sounds**.

3. Press  for **Ringer Type**.
4. Press  for **Messages**.
5. Press  for **Voicemail**,  for **Page**  for **Text Message**,  for **Pic/Video Msg**, or  for **Web Alerts**.
6. Press the navigation button left or right to select **Single Tones**, **Ring Tones**, **Melodies**, or **Downloaded** ringers.
7. Press the navigation button down and then left or right to select the desired Ringer.
8. Press  to **Save** and exit.

### Selecting Ringer Types for Scheduled Alerts




To select a ringer type for scheduled alerts:

1. Press   for **Settings**.
2. Press  for **Sounds**.
3. Press  for **Ringer Type**.
4. Press  for **Schedule**.
5. Press the navigation button left or right to select **Single Tones**, **Ring Tones**, **Melodies**, or **Downloaded** ringers.
6. Press the navigation button down and then left or right to select the desired Ringer.
7. Press  to **Save** and exit.

### Selecting Ringer Type for Roam Ringer

To select a ringer type for incoming roam calls:

1. Press   for **Settings**.
2. Press  for **Sounds**.

3. Press  for **Ringer Type**.
4. Press  for **Roam Ringer**.
5. Select **Normal** or **Distinctive** and press .







## Selecting a Key Tone

Your phone offers a number of options for selecting the audible tones accompanying a key press.

There are three different tones available:





- **Normal** - Normal key beeps are heard when a button is pressed.
- **Piano** - Piano polyphonic tones are heard when a key is pressed.
- **Beep** - Polyphonic beep tones are heard when you press a key.



To select a key tone:

1. Press   for **Settings**.
2. Press  for **Sounds**.
3. Press  for **Key Tone**.
4. Press  for **Tone Type**.
5. Press the navigation key up or down to select the desired tone type.
6. Press  to **Save**.

## Key Tone Volume






To adjust the key tone volume:

1. Press   for **Settings**.
2. Press  for **Sounds**.
3. Press  for **Key Tone**.

4. Press  for **Tone Level**.
5. Press the navigation key right to increase or left to decrease the volume.
6. Press  to **Save**.

## Selecting Tone Length

Your phone offers a number of options for selecting the audible tones accompanying a key press. Longer tone lengths may be better for tone recognition when dialing voicemail or other automated systems. To select a key tone:

1. Press   for **Settings**.
2. Press  for **Sounds**.
3. Press  for **Tone Length**.
4. Select **Short** or **Long** and press .

## Alert Notification





Your phone can alert you with an audible tone when you change service areas, once a minute during a voice call, or when a call has been connected.

The different actions available are:









- **Minute Beep** - An alert tone is sounded every minute that you are connected.
- **Service** - An alert tone is sounded when you come in or out of your coverage area.
- **Connect** - An alert tone is sounded when you are initially connected.
- **Disconnect** - An alert tone is sounded when the signal fades and the connection is lost.


- **Fade** - An alert tone is sounded when your phone partially loses signal due to network conditions.
- **Roam** - An alert tone is sounded when you are connected to a network other than your home network.
- **Power On/Off** - An alert tone is sounded when your phone is powered On or Off.
- **Flip Sound** - An alert is sounded when the flip is opened or closed.

To enable or disable alert sounds:

1. Press   for **Settings**.
2. Press  for **Sounds**.
3. Press  for **Alerts**.

4. Press:

-  for **Minute Beep**
-  for **Service**
-  for **Connect**
-  for **Disconnect**
-  for **Fade**
-  for **Roam**
-  for **Power On/Off**
-  for **Flip Sound**

5. Select **On** or **Off** using the navigation key and press .








## Application Volume

This setting allows you to control the default volume and vibrate settings in downloaded applications on your phone. When the application is opened, the default setting is enabled and you can



adjust the volume setting by using the volume keys located on the side of the handset.

To set up the App. Volume:

1. Press   for **Settings**.
2. Press  for **Sounds**.
3. Press  for **App. Volume**.
4. Press:
  -  for **Sound**.
  -  for **Vibrator**.
5. Press the navigation key left or right to select a desired volume level or up or down to select on or off for vibrate.
6. Press  to save.

## Silence All

There may be times when you need to silence your phone entirely. The phone's Silence All option allows you to mute all sounds without turning your phone off.

To activate Silence All:

- With the phone flipped open, press and hold the volume key down in standby mode.  
(The screen will display "**Silence All.**")








To deactivate Silence All:

- Press the volume key up repeatedly to select a desired volume level.



# Display Settings

## Changing the Text Greeting

The text greeting can be up to 14 characters and is displayed on your phone's screen in standby mode. You may choose to display a custom greeting or display your User Name on the phone's screen. To display or change your custom greeting:

1. Press   for **Settings**.
2. Press  for **Display**.
3. Press  for **Greeting**.
4. Select **Custom** using the navigation key and press .
5. Press and hold  to clear the existing greeting.
6. Use the numeric keypad to enter a new custom greeting.  
(See "Entering Text" on page 23.)
7. Press  to **Save** and exit.

---









**Tip:** To access the phone's main menu, press  from standby mode. Menu items may be selected by highlighting them with the navigation key and pressing , or you can press the number corresponding to the menu item on your keypad.

---

## Changing the Backlight Time Length

The backlight setting lets you select how long the display screen and keypad are backlit after any key press is made.

To change the backlight setting:

1. Press   for **Settings**.
2. Press  for **Display**.
6. Press for  **Backlight**.
3. Press  for **Main Display**,  for **Keypad**, or  for **Pwr Save Mode**.
4. Use the navigation key to select **Flip Open, 30 seconds, 15 seconds, 8 seconds** for the Main Display. **Flip Open, 30 seconds, 15 seconds, 8 seconds, or Off** for Keypad; or **On** or **Off** for Pwr Save Mode.
5. Press  to **Save**.

---









**Note:** Long backlight settings affect the battery's talk and standby times.


---

## Changing the Display Screen

Your new phone offers options for what you see on the display screen when in standby mode.

To change the display images:






1. Press   for **Settings**.
2. Press  for **Display**.
3. Press  for **Screen Saver**.
4. Press  for **Local Image**,  for **Downloads**  for **My Pictures**, or  for **My Videos**.

5. Press the navigation key left or right until the desired image is displayed.
6. Press  to **Save**.

## Changing the Phone's Menu Style

Your phone allows you to choose how the menu appears on your display screen.

To select the display's menu style:

1. Press   for **Settings**.
2. Press  for **Display**.
3. Press  for **Menu Style**.
4. Press the navigation key up or down to select **Camera** or **Nature** and press .

## Location Settings

Your phone is equipped with a Location feature for use in connection with location-based services that may be available in the future. The Location feature allows the network to detect your position. Turning Location off will hide your location from everyone except 911.



---



**Note:** Even if the Location feature is enabled, no service may use your location without your expressed permission.

---

To enable your phone's Location feature:

1. Press   for **Settings**.
2. Press  for **Others**.






3. Press  for **Location**. (A brief explanation will display. Use your navigation key to scroll through to read the entire text.)
4. Press the navigation key up or down to select **On** or **Off**.
5. Press  to **Save**.

When the Location feature is on, your phone's standby screen will display the  icon. When Location is turned off, the  icon will display.

## Airplane Mode

Airplane Mode allows you to use many of your phone's features, such as Games, Notepad, Voice Memos, etc., when you are in an airplane or in any other area where making or receiving calls or data is prohibited. When your phone is in Airplane Mode, it cannot send or receive any calls or access online information. All incoming calls will be sent directly to your voicemail box.

To set your phone to Airplane Mode:

1. Press   for **Settings**.
2. Press  for **Airplane Mode**. (A brief explanation of Airplane Mode will display.)
3. Press  to continue.
4. Press the navigation key up or down to select **On** or **Off** and press .

While in Airplane Mode, your phone's standby screen will display "Phone off."

---









**Note:** 911 and emergency calls can not be made in Airplane mode "on".

---

# Phone Setup Options






## Shortcut

You have the option of assigning the navigation key to an often-used function. The center navigation key cannot be changed. Pressing the navigation key left in standby mode will launch the assigned feature.

1. Press   for **Settings**.
2. Press  for **Launch Pad**.
3. Press  for **Up Key**,  for **Down Key**,  for **Left Key**, or  for **Right Key**.
4. Press the navigation key up or down to select one of the following functions:
  - Phone Book
  - Ringer Type
  - Web
  - Voice Memo
  - Downloads
  - Inbox
  - Scheduler
  - Display
  - Send Text
  - Messaging
  - Alarms
  - Tools
  - Voice Dial
  - Calculator
5. Press to  **Save**.






## Call Answer Mode

To set the actions required to answer an incoming call:

1. Press   for **Settings**.
2. Press  for **Others**.
3. Press  for **Call Answer** and select one of the following:
  - Any Key
  - Talk Key
  - Flip Open
4. Press  to **Save**.






## Auto-Answer Mode

To answer calls when your phone is connected to an optional hands-free car kit or head set:

1. Press   for **Settings**.
2. Press  for **Others**.
3. Press  for **Auto Answer**.
4. Press the navigation key up or down to select **Yes** or **No**.
5. Press  to **Save**.

## Display Language

Your phone can display text in English or French. Language selection changes all menus and voice message settings.

1. Press   for **Settings**.
2. Press  for **Others**.
3. Press  for **Language**.
4. Press the navigation key up or down to select **English** or **French**.
5. Press  to **Save**.









## TTY Use With Handset

A TTY (also known as a TDD or Text Telephone), is a telecommunications device that allows people who are deaf or hard of hearing, or who have speech or language disabilities, to communicate by telephone.

Your phone is compatible with select TTY devices. Please check with the manufacturer of your TTY device to ensure that it supports digital wireless transmission. Your phone and TTY device will connect via a special cable that plugs into your phone's headset jack. If this cable

was not provided with your TTY device, contact your TTY device manufacturer to purchase the connector cable.

To turn TTY Mode on or off:

1. Press      . (A brief explanation of TTY Mode will display.)
2. Press  again to continue.
3. Press the navigation key up or down to select **Enable TTY** or **Disable TTY** and press .

---

**Note:** In TTY Mode when your headset is plugged in, your phone will display the TTY access icon. If TTY mode is enabled, the headset cannot be used.

---

---

**IMPORTANT 911 Emergency Calling:** We recommend that TTY users make emergency calls by other means, including Telecommunications Relay Services (TRS), analog cellular, and land line communications. Wireless TTY calls to 911 may be corrupted when received by public safety answering points (PSAPs) rendering some communications unintelligible. The problem encountered appears related to TTY equipment or software used by PSAPs. This matter has been brought to the attention of the FCC, and the wireless industry and PSAP community are currently working to resolve this.

---






# Phone Security

## Accessing the Security Menu

All of your phone's security settings are available through the Security menu. You must enter your lock code to view the Security menu.

To access the Security menu:

1. Press   for **Settings**.
2. Press  for **Security**.
3. Enter your lock code. (The security menu is displayed.)

---

**Tip:** If you can't recall your lock code, try using the last four digits of either your Social Security number or Phone Number or try 0000. If none of these work, call Customer Service at (888) 987-HELP (4357).



---

## Using Your Phone's Lock Feature

### Locking Your Phone

When your phone is locked, you can only receive incoming calls or make calls to 911, Customer Service, or special numbers.

To lock your phone:

1. From the Security menu, press  for **Lock Phone**.
2. Using the navigation key, select **Unlocked, On Power-Up** or **Lock Now**, and press .



## Unlocking Your Phone

To unlock your phone:

1. Press .
2. Enter your lock code.




## Locking Picture/Video

To turn on or off picture/video lock:

1. From the Security menu, press  for **Lock Pic/Video**.
2. Press the navigation key up or down to select on or off and press .

## Changing the Lock Code




To change your lock code:

1. From the Security menu, press  for **Change Lock**.
2. Enter your new lock code and press .
3. Re-enter your new lock code and press .

## Calling in Lock Mode

You can place calls to 911 and to your special numbers when in lock mode.

To place an outgoing call in lock mode:






- To call an emergency number or special number enter the phone number and press .
- To place normal outgoing calls, press  to display the lock code screen. Enter your lock code. Enter the desired phone number and press .

## Restricting Calls

You can restrict the phone numbers that your phone can call. (The Restrict Calls setting does not apply to 911 or Customer Service.). You can select one of the following options:

- **Allow all** - Allows all calls to be made without any restrictions. (Default setting.)
- **PBook Only** - Allows you to call only the entries saved in the phone book. You can receive incoming calls from anyone.
- **Special# Only** - Allows you to call only the three numbers stored in the Special# section in the Security menu. You can receive incoming calls from anyone.

To restrict calls:

1. Press   for **Settings**.
2. Press  for **Security**.
3. Press  for **Restriction** and enter the lock code using the keypad.
4. Press the navigation key up or down to select **Allow all**, **PBook Only**, or **Special# Only** and press .

---




**Note:** Restricted incoming calls are forwarded to voicemail.

---

## Using Special Numbers

You can save up to three special numbers in addition to your Internal Phone Book entries (the same number may be in both directories). You can make and receive calls from special numbers even when your phone is locked. You can save three special numbers in addition to your Phone Book entries (the same number may be in both directories).

To add or replace a special number:

1. From the Security menu, press  for **Special #**.
2. Select entry one, two, or three and press .
3. Enter the number using the keypad.
4. Press  to **Save**.




---

**Note:** There are no Speed Dial options associated with special numbers.

---

## Erasing the Phone Book


To erase all the names and phone numbers in your Phone Book:


1. From the Security menu, press  for **Erase Pbook**.
2. Press the navigation key up to select **Yes** and press .
3. Press the navigation key up to select **Yes** again to confirm and press  to permanently delete.

## Erasing Downloads

This option deletes all saved downloaded content from the phone, including games, ringtones, screen savers, and applications.

To erase your downloads:



1. From the Security menu, press  for **Erase Downloads**.
2. Press the navigation key up and select **Yes**.

3. If you are certain you wish to erase all downloaded content, press .

## Erasing Pictures and Videos

You can quickly and easily delete all pictures and videos currently saved in your phone.




To erase your pictures and videos:

1. From the Security menu, press  for **Erase Pic/Video**.
2. Press the navigation key up and select **Yes**.
3. Press .

## Resetting Your Phone

Resetting the phone restores all the factory defaults, including the ringer types and display settings. The Phone Book, Call History, Scheduler, and Messaging are not affected.



To reset your phone:

1. From the Security menu, press  for **Reset Phone**.
2. Press the navigation key up and select **Yes**.
3. Press .
4. Press the navigation key up again to confirm and select **Yes**.
5. Press  to reset.

## Resetting Your Picture Account

This option erases the token (login) information for your Picture Message account.

To reset your account:


1. From the Security menu, press  for **Reset Picture Account**.
2. Press the navigation key up and select **Yes**.
3. Press  to reset.

# Roaming

## Understanding Roaming

### Recognizing Icons on the Display Screen

Your phone's display screen always lets you know when you're off the network. The following chart indicates what you'll see depending on where you're using your phone.

	Roaming Indicator	Analog Indicator
Network		
Other Digital Networks		

---

**Note:** You will pay a higher per-minute rate for roaming calls.

---


### Roaming on Other Digital Networks

When you're roaming, your call quality and security will be similar to the quality you receive when making calls on your home network. You may not be able to access certain features, such as web services.

### Roaming on Analog Networks

When you roam on analog networks, you will experience a similar quality provided by other analog carriers today. Although some features, such as Mobile Browser and Voice Command, will be unavailable, you can still make and receive calls and access voicemail. You will experience a few differences:

- You are more likely to experience static, cross-talk, fade-out, and dropped calls.

- Some features which are standard on the network, such as call waiting, web browser, and direct international dialing, are unavailable.
- Though callers can leave voicemail messages while you are roaming, you will not receive notification until you return to the network. While roaming, you can periodically check your voicemail for new messages by dialing 1+area code+your Phone Number. Press  when you hear your greeting and enter your passcode at the prompt.
- There are security and privacy risks (eavesdropping and cloning) that exist with conventional analog services today.
- Your battery needs recharging sooner when you use your phone for analog roaming.






---

**Note:** If you're on a call when you leave the network and enter an area where roaming is available, your call is dropped. If your call is dropped in an area where you think service is available, turn your phone Off and On again to reconnect to the network.

---

## Setting Your Phone's System

Your phone allows you to control your ability to roam. By using the **Roaming** menu option, you can determine which signals your phone accepts. Choose from three different settings on your phone to control your roaming experience:

1. Press  for **Main Menu**.
2. Press  for **Settings**.
3. Press  for **Others**.
4. Press  for **Set System**.
5. To select an option, highlight it and press .



- **Automatic:** This setting seeks service. When service is unavailable, the phone searches for an alternate system.
- **Home Only:** This setting allows you to access the home network only and prevents roaming on other networks.
- **Digital Only:** This setting allows you to access digital service only, preventing access on analog networks.
- **Analog:** This setting allows you to access analog service only, preventing access on digital networks.
- **AMPS Home:** This setting allows you to access analog service only in your home coverage area.

## Set NAM

This setting allows you to associate your mobile identification number (MIN) to your phone's electronic serial number (ESN).

1. Press  for **Set NAM**.
2. Enter the service code provided to you by your service provider.

# Navigating Through Menus


## Menu Navigation

The navigation key on your phone allows you to scroll through menus quickly and easily. The scroll bar at the right of the menu keeps track of your position in the menu at all times.


To navigate through a menu, simply press the navigation key up or down. If you are in a first-level menu, such as Settings, you may also navigate to the next menu by pressing the navigation key.

## Menu Structure

### Selecting Menu Items


As you navigate through the menu, menu options are highlighted. Select any numbered option by simply pressing the corresponding number on the phone's keypad. You may also select any item by highlighting it and pressing .

For example, if you want to view your last incoming call:

1. Press   for **Call History**.
2. Press  for **Incoming Calls**.

### Backing Up Within a Menu

To go to the previous menu:

- Press .

To return to standby mode:

- Press .

# Viewing the Menus

## Menu Diagram

The following list outlines your phone's menu structure:

### 1: Call History

- 1: Outgoing Calls
- 2: Incoming Calls
- 3: Missed Calls
- 4: Erase History
  - 1: Outgoing Calls
  - 2: Incoming Calls
  - 3: Missed Calls
  - 4: All Calls
- 5: Air Time
  - 1: Last Call
  - 2: Total Calls

### 2: Phone Book

- 1: Find
- 2: Add New Entry
- 3: Group Setting
  - 1: Family
  - 2: Friends
  - 3: Colleague
  - 4: VIPs
- 4: My Phone #
- 5: Memory

### 3: Messaging

- 1: Send Message
  - 1: Send Text
  - 2: Send Picture
  - 3: Send Video

- 2: Text Message
  - 1: Inbox
  - 2: Outbox
  - 3: Drafts
  - 4: Send Text
- 3: Pic/Video Msg.
  - 1: Inbox
  - 2: Send Picture
  - 3: Send Video
- 4: Web Alert
- 5: Voicemail
  - 1: Call Voicemail
  - 2: Details
  - 3: Clear Envelope
- 6: Settings
  - 1: Notifications
    - 1: Message and Icon
    - 2: Icon Only
  - 2: Sending Options
    - 1: Priority
      - 1: Normal
      - 2: Urgent
    - 2: Call Back #
      - 1: None
      - 2: Phone Number (xxx-xxx-xxxx)
      - 3: Other
  - 3: Preset Messages
    - 1: Can't talk right now.  
Send me a message.
    - 2: Call me
    - 3: Where are you?
    - 4: Can you pick up
    - 5: Meet me at
    - 6: Let's get lunch.
    - 7: The meeting has been cancelled.

- 8: I'll be there at
- 9: What time does it start?
- 10: I love you!
- 11 - 20: [Empty]
- 4: Message Alerts
  - 1: Volume
  - 2: Type
    - 1: Voicemail
    - 2: Text Message
    - 3: Pic/Video Msg.
    - 4: Web Alert
  - 3: Reminder
    - 1: Off
    - 2: Once
    - 3: Every 2 min
- 5: Save in Outbox
  - 1: Yes
  - 2: No
- 6: Auto Delete
  - 1: Yes
  - 2: No
- 7: Alert Setup
  - 1: Yes
  - 2: No
- 8: Voice Mail #

#### **4: Picture/Video**

- 1: Camera
- 2: Camcorder
- 3: My Pictures
  - 1: In Camera
  - 2: Saved to Phone
- 4: My Videos
  - 1: In Camcorder
  - 2: Saved to Phone
- 5: Online Albums
  - 1: View Albums

- 2: Upload Picture
- 3: Upload Video
- 6: Account Info
- 7: Settings
  - 1: Shutter Sound
    - 1: Shutter 1
    - 2: Shutter 2
    - 3: Shutter 3
    - 4: Shutter 4
    - 5: Shutter 5
    - 6: Shutter 6
    - 7: Say Cheese
  - 2: Auto Erase
    - 1: On
    - 2: Off
  - 3: Picture Resolution
    - 1: High:640\*480
    - 2: Med:320\*240
    - 3: Low:160\*120
  - 4: Picture Quality
    - 1: Fine
    - 2: Normal
    - 3: Economy
  - 5: Cam. Key Guard
    - 1: On
    - 2: Off
  - 6: Status Bar
    - 1: On
    - 2: Off

#### **5: Downloads**

- 1: Games
  - 1: Get New
- 2: Ringers
  - 1: Get New
- 3: Screen Savers
  - 1: Get New
- 4: Applications

1: Get New

## **6: Web**

1: Start Browser

2: Web Guard

1: None

2: To Start

3: To End

4: Both

## **7: Tools**

1: Voice Memo

1: Record

2: Review

3: Erase All

1: Yes

2: No

2: Today

3: Scheduler

4: World Time

5: Alarm Clock

1: Alarm #1

2: Alarm #2

3: Alarm #3

6: Task List

7: Memo Pad

8: Calculator

9: Countdown

## **8: Settings**

1: Display

1: Menu Style

1: Camera

2: Nature

2: Screen Saver

1: Local Image

1: Butterfly

2: Drop

3: World Time

4: Calendar

5: Launch Pad

6: Digital Clock

2: Downloads

3: My Pictures

4: My Videos

3: Incoming Call

1: With Caller ID

1: No Image

2: Downloads

3: My Pictures

4: My Videos

2: No Caller ID

1: No Image

2: Downloads

3: My Pictures

4: My Videos

4: Greeting

1: Default

2: Custom

5: Backlight

1: Main Display

1: Flip Open

2: 30 seconds

3: 15 seconds

4: 8 seconds

2: Keypad

1: Flip Open

2: 30 seconds

3: 15 seconds

4: 8 seconds

5: Off

3: Pwr Save Mode

1: On

2: Off

6: External LCD

1: Style

- 1: Digital
- 2: Analog 1
- 3: Analog 2
- 4: Analog 3
- 5: Analog 4
- 6: Analog 5
- 7: Analog 6
- 8: Analog 7
- 9: My Pictures
- 7: Service LED
  - 1: On
  - 2: Off
- 2: Sounds
  - 1: Ringer Volume
    - 1: Calls
    - 2: Messages
    - 3: Alarms
  - 2: Ringer Type
    - 1: Voice Calls
      - 1: With Caller ID
      - 2: No Caller ID
    - 2: Messages
      - 1: Voicemail
      - 2: Page
      - 3: Text Message
      - 4: Pic/Video Msg.
      - 5: Web Alert
    - 3: Schedule
    - 4: Roam Ringer
      - 1: Normal
      - 2: Distinctive
  - 3: Alerts
    - 1: Minute Beep
      - 1: On
      - 2: Off
    - 2: Service
      - 1: On
- 2: Off
- 3: Connect
  - 1: On
  - 2: Off
- 4: Disconnect
  - 1: On
  - 2: Off
- 5: Fade
  - 1: On
  - 2: Off
- 6: Roam
  - 1: On
  - 2: Off
- 7: Power On/Off
  - 1: On
  - 2: Off
- 8: Flip Sound
  - 1: On
  - 2: Off
- 4: Key Tone
  - 1: Tone Type
    - 1: Normal
    - 2: Piano
    - 3: Beep
  - 2: Tone Level
- 5: Tone Length
  - 1: Short
  - 2: Long
- 6: App. Volume
  - 1: Sound
  - 2: Vibrator
    - 1: On
    - 2: Off
- 3: Security
  - 1: Lock Phone
    - 1: Unlocked
    - 2: On Power-Up

- 3: Lock Now
- 2: Lock Pic/Video
  - 1: On
  - 2: Off
- 3: Change Lock
- 4: Restriction
  - 1: Allow All
  - 2: PBook Only
  - 3: Special # Only
- 5: Special #
  - 1: Empty
  - 2: Empty
  - 3: Empty
- 6: Erase Pbook
  - 1: Yes
  - 2: No
- 7: Erase Downloads
  - 1: Yes
  - 2: No
- 8: Erase Pic/Video
  - 1: Yes
  - 2: No
- 9: Reset Phone
  - 1: Yes
  - 2: No
- 0: Reset Picture Account
  - 1: Yes
  - 2: No
- 4: Voice Dial
  - 1: Adapt Digits
  - 2: Reset Digits
    - 1: Yes
    - 2: No
  - 3: Set Active
    - 1: Talk Only
    - 2: Talk and Flip
  - 4: Choice List
- 1: Digit Dial
  - 1: Yes
  - 2: No
- 2: Name Dial
  - 1: Yes
  - 2: No
- 3: Phonebook
  - 1: Yes
  - 2: No
- 5: Help
- 5: Airplane Mode
  - 1: On
  - 2: Off
- 6: Launch Pad
  - 1: Up Key
  - 2: Down Key
  - 3: Left Key
  - 4: Right Key
- 7: Others
  - 1: Abbrev. Dial
    - 1: On
    - 2: Off
  - 2: Call Answer
    - 1: Any Key
    - 2: Talk Key
    - 3: Flip Open
  - 3: Auto Answer
    - 1: Yes
    - 2: No
  - 4: Language
    - 1: English
    - 2: French
  - 5: Set System
    - 1: Automatic
    - 2: Home Only
    - 3: Digital Only

- 4: Analog
- 5: AMPS Home
- 6: Location
  - 1: On
  - 2: Off
- 8: Phone Info
  - 1: Phone Number
  - 2: Icon Glossary
  - 3: Version
  - 4: Advanced

### **1: InUse Menu**

- 1: Mute/Unmute
- 2: Call History
- 3: Phone Book
- 4: 3-Way Call
- 5: Messaging
- 6: Voice Memo
- 7: Tools
- 8: Phone Info







# Managing Call History

## Viewing History



You'll find the Call History feature very helpful. It is a list of the last 20 phone numbers (or Phone Book entries) for calls you placed, accepted, or missed. Call History makes redialing a number fast and easy. It is continually updated as new numbers are added to the beginning of the list and the oldest entries are removed from the bottom of the list.

Each entry contains the phone number (if it is available) and Phone Book entry name (if the phone number is in your Phone Book). Duplicate calls (same number and type of call) may only appear once on the list.

To view a Call History entry:

- Press  for **Call History**.
- Press  for **Outgoing Calls**.
- Press  for **Incoming Calls**.
- Press  for **Missed Calls**.

## Call History Options

For additional information and options on a particular call, highlight a Call History entry and press . This feature displays the time and date of the call. By pressing , you can select from the following options:

- **Talk**
- **Save**
- **Prepend**
- **Erase**







---

**Tip:** You can also view the next Call History entry by pressing the navigation key right or view the previous entry by pressing the navigation key left.

---

## Making a Call From Call History

To place a call from Call History:

1. Press   for **Call History**.
2. Select **Outgoing Calls** , **Incoming Calls** , or **Missed Calls** .
3. Highlight the entry you want to call and press  to dial the number.

---







**Note:** You cannot make calls from Call History to entries identified as Unknown or Restricted.

---

## Saving a Phone Number From Call History

Your phone can store up to 300 Phone Book numbers. Phone Book entries can store up to a total of six phone numbers, and each entry's name can contain up to 20 characters.

To save a phone number from Call History:

1. Press   for **Call History**.
2. Highlight the desired entry in the **Outgoing**, **Incoming**, or **Missed** Call History and press .
3. Press   to save the number.  
—or—  
Press  **(Save)** to save the number.

4. Follow the onscreen prompts to complete the entry. (See "Saving a Phone Number" on page 18.)

After you have saved the number, the new Phone Book entry is displayed.

---







**Note:** You cannot save phone numbers already in your Internal Phone Book or from calls identified as Unknown ID or Restricted.

---

## Prepending a Phone Number From Call History

If you need to make a call from Call History and you happen to be outside your local area code, you can add the appropriate prefix by prepending the number.









To prepend a phone number from Call History:

1. Press   for **Call History**.
2. Highlight the desired entry in the **Outgoing, Incoming, or Missed** call history and press .
3. Press   to **Prepend** the number.
4. Use the keypad to enter the desired numbers.
5. Press  to call.

## Erasing Call History






To erase individual Call History entries, see “Call History Options” on page 56.

To erase Call History:

1. Press   for **Call History**.
2. Press  for **Erase History**.
  - Press  to erase **Outgoing Calls**.
  - Press  to erase **Incoming Calls**.
  - Press  to erase **Missed Calls**.
  - Press  to erase **All Calls**.
6. Using the navigation key, highlight **Yes**, and press .

## Air Time

Air time allows you to check the time of the last call or the total air time since your phone was activated on the network. **These times are not meant for billing purposes.** To view the air time:






1. Press   for **Call History**.
2. Press  for **Air Time**.
3. Press  for **Last Call** or  for **Total Calls**.

# Using the Internal Phone Book

## Adding a New Phone Book Entry

Your phone can store up to 300 Phone Book numbers. Phone Book entries can store up to a total of six phone numbers, and each entry's name can contain up to 20 characters.

To add a new entry:

1. Enter a new phone number and press .
2. Press  for **Add New Entry**.
3. Select the **Type** using the navigation key and press .
4. Enter the name using the keypad and press .
5. Press  to **Save**.




After you have saved the number, the new Phone Book entry is displayed.


## Finding Phone Book Entries

There are several ways to display your Phone Book entries: by name, by speed dial number, by group, and by voice dial recognition. Follow the steps outlined in the sections below to display entries from the Phone Book menu.

### Finding Names




To find Phone Book entries by name:

1. Press   for **Phone Book**.
2. Press  for **Find**.
3. Press the navigation key left or right to search by **Name**, **Entry**, or **Group**.

4. Once the desired option is highlighted, press the navigation key down.
5. Enter the first few letters or entry # to locate the desired entry.
6. Scroll to highlight the name and press  to make the call.




## Finding Speed Dial Numbers

To find phone numbers you have stored in speed dial locations:

1. Press   for **Phone Book**.
2. Press  for **Find**.
3. Press the navigation key to the right until **By Entry** is highlighted.
4. Enter the entry or speed dial location number.










## Finding Group Entries

To find entries designated as part of a group:

1. Press   for **Phone Book**.
2. Press  for **Find**.
3. Press the navigation key to the right until **By Group** is highlighted.
4. Press the navigation key down once to highlight the group selection. Press the navigation key left or right to select the desired group.










## Adding a Phone Number to a Phone Book Entry

To add a phone number to an entry:

1. Press   for **Phone Book**.
2. Press  for **Find**.
3. Select the desired entry and press .
4. Press   to edit the entry.
5. Press the navigation key down until the desired label is selected and press  to edit.
6. Enter the phone number using the keypad and press .
7. Press  to **Save**.

## Editing a Phone Book Entry's Phone Number



To edit an entry's phone number:

1. Press   for **Phone Book**.
2. Press  for **Find**.
3. Select the desired entry and press .
4. Press the navigation key down until the desired phone number is selected and press   to edit.
5. Press and hold  to erase the entire number or press once to erase just the last number.
6. Enter the new number using the keypad and press .
7. Press  to **Save**.

## Assigning Speed Dial Numbers

Your phone can store up to 300 phone numbers in speed dial locations. For details on how to make calls using speed dial numbers, see “Using One-Touch/Two-Touch/Three Touch Speed Dialing” on page 22.








To assign a Speed Dial number to a new phone number:

1. Add a phone number to a new or to an existing Phone Book entry (see “Adding a New Phone Book Entry” on page 60 or “Adding a Phone Number to a Phone Book Entry” on page 62).
2. Highlight **Entry** and press .
3. Press the navigation key left or right or enter an available speed dial location using the keypad and press  to **Save**.



## Selecting a Ringer Type for an Entry

You can assign a ringer type to a Phone Book entry so you can identify the caller by the ringer type. (See “Ringer Types” on page 26.)

To select a ringer type for an entry:

1. Press   for **Phone Book**.
2. Press  for **Find**.
3. Select the desired entry and press .
4. Press   to edit the entry.
5. Press the navigation key down until **Default Ringer** is selected and press  to edit.
6. Press the navigation key to the right and highlight the desired Ringer Category.
7. Press the navigation key down.










8. Press the navigation key to the left or right to highlight and listen to the desired Ringer and press .
9. Press  to **Save**.




## Secret Phone Book Entries

You can hide an entry's phone number(s) and require your lock code to edit the entry by making it secret. The entry name is still displayed, but the entry's phone numbers are replaced with "(SECRET)."

To make an entry secret:

1. Press   for **Phone Book**.
2. Press  for **Find**.
3. Select the desired entry and press .
4. Press   to edit the entry.
5. Press the navigation key down until **Secret** is selected.
6. Press the navigation key left or right until **Secret-ON** is displayed in the Secret field and press  to **Save**.

To make an entry public:

1. Display a Phone Book entry.
2. Press   to edit the entry.
3. Enter your lock code.
4. Press the navigation key down until **Secret** is selected.
5. Press the navigation key left or right until **Secret-OFF** is displayed in the Secret field and press  to **Save**.

---

**Tip:** If you can't recall your lock code, try using the last four digits of your Phone Number, your year of birth, or try 0000. If none of these

work, call Customer Service at the number listed on the User Guide cover.







---

## Changing the Group Name

You can associate a preset group name to your entries to help you sort them easier in the phone book. The preset group names already programmed into your phone are:

- **Family**
- **Friends**
- **Colleague**
- **VIPs**
- **No Group**

To associate an existing number located in your phone book:

1. Press  for Main Menu.
2. Press  for Phone Book.
3. Press  for **Find**.
4. Select the desired entry and press .
5. Press   to edit the entry.
6. Press the navigation key down until the **Group** is selected.
7. Press the navigation key left or right until the desired group name is displayed.










Press  to **Save**.

# Personal Organizer

## Adding an Event to the Scheduler

Your Scheduler helps organize your time and reminds you of important events.

To add an event:







1. Press   for **Tools**.
2. Press for  **Scheduler**.
3. Press   for **Add New**.
4. Enter the event description using the keypad and press .
5. Enter the Start Time and Date using the keypad. (Press  for AM or  for PM.)
6. Enter the End Time and Date using the keypad.
7. Press the Navigation key left or right and select one of the following:
  - **No Alarm**
  - **On Time**
  - **10min before**
  - **30min before**
  - **1Hr before**
8. Press to  **Save**.

## Event Alerts

There are several ways your phone alerts you of scheduled events:




- By playing the assigned ringer type.
- By illuminating the backlight.
- By flashing the LED.

To select the ringer:

1. Press   for **Settings**.
2. Press  for **Sounds**.
3. Press  for **Ringer Type**.
4. Press  for **Schedule**.
5. Press the navigation key left or right to select the desired ringer category.
6. Press the navigation key down and then left or right to select the desired ringer or melody.
7. Press  to **Save**.

## Viewing Events




To view your scheduled events:

1. Press   for **Tools**.
2. Press  for **Today**. (A list of the events scheduled for the day are displayed.)

## Erasing a Day's Events









To erase a scheduled day's events:

1. Press   for **Tools**.
2. Press  for **Today**.

3. Press   to **Erase All**.
4. Highlight **Yes** using the navigation key and press  to confirm.







## Erasing Events

To delete individual events:

1. Press   for **Tools**.
2. Press  for **Scheduler**.
3. Highlight the desired day of the event being deleted.
4. Press   for **View**.
5. Press the navigation key up or down to select the desired event.
6. Press   to **Erase** the event.
7. Highlight **Yes** with the navigation key and press  to confirm.

## Erasing All Events










To delete all scheduled events:

1. Press   for **Tools**.
2. Press  for **Scheduler**.
3. Press   for **Erase All**.
4. Highlight **Yes** with the navigation key and press  to confirm.

## Using the Alarm Clock

Your phone comes with a built-in alarm clock with multiple alarm capabilities.







To use the alarm clock:

1. Press   for **Tools**.
2. Press  for **Alarm Clock**.
3. Press , , or  to select an Alarm.
4. Press the navigation key left or right and select **On**.
5. Press the navigation key down once and enter the alarm time. (Press  for AM or  for PM.)
6. Press the navigation key down once to select the desired ringer. (Cycle through the ringers by pressing the navigation key left or right.)
7. Press the navigation key down once to select the alarm frequency.
8. Press the navigation key left or right and select one of the following options:
  - **Daily**
  - **Once**
  - **Mon to Fri**
  - **Sat & Sun**
9. Press  to **Save**.





## Using the Memo Pad

Your phone comes with a memo pad you can use to compose and store reminders and notes to help keep you organized.







To compose a note:

1. Press   for **Tools**.
2. Press  for **Memo Pad**.
3. If there are no existing memos, the New Memo screen is automatically displayed. If there are no existing memos saved, press   for **Add New**.
4. Enter up to 64 characters in the memo and press  to **Save**. (See "Entering Text" on page 23.)

To read a saved note:

1. Press   for **Tools**.
2. Press  for **Memo Pad**.
3. Highlight the desired memo using the navigation key and press  to view.

To delete saved notes:





1. Press   for **Tools**.
2. Press  for **Memo Pad**.
3. Highlight the desired memo using the navigation key and press   for **Erase**.
4. Select **Yes** and press  to confirm the deletion.

## Using Your Phone's Tools

In addition to helping you be more efficient and organized, your phone offers useful and entertaining tools.

### Playing Games

To play a game on your phone:

1. Press   for **Downloads**.
2. Press  for **Games**.
3. Press the navigation key up or down to highlight the desired game and press  to play.

---






**Tip:** You can also download games to your phone. See "Downloading Games, Ringers, Screen Savers and Applications" on page 122.

---


### Using the Calculator

Your phone comes with a built-in calculator.

To use the calculator:

1. Press   for **Tools**.
2. Press  for **Calculator**
3. Enter a number with the keypad. (Press  to insert a decimal point and/or  to make the number negative or positive.)
4. Use your navigation key to select a mathematical function:
  - **Left to Subtract**
  - **Right to Multiply**
  - **Up to Add**
  - **Down to Divide**
5. Enter the next number using the keypad.








6. Press  to view the results.

## World Time

World Time displays what time it is in twenty-four different time zones around the world together with one or more major cities, states, regions, or countries in a time zone.








To access world time:

1. Press   for **Tools**.
2. Press  for **World Time**.
3. Press the navigation key left, right, up, or down to display the different time zones.
4. Press   to turn Daylight Savings Time (DST) **On** or **Off**.





# Countdown

Countdown allows you to enter a future date and time into the phone and then see the amount of days, hours, and minutes until that time is reached.

To set up a new countdown:

1. Press   for **Tools**.
2. Press  for **Countdown**.
3. If there are no existing countdowns, the New Countdown screen is automatically displayed. If there is already a countdown entered, press   for **Add New**.
4. Enter a name using the keypad and press .
5. Enter the **Input** time and date values and press  to **Save**.

To view a countdown:

1. Press   for **Tools**.
2. Press  for **Countdown**.
3. Press the navigation key up or down to highlight the desired countdown and press .

---

**Tip:** When viewing an existing countdown, press the navigation key left or right to cycle between the other countdown entries.


---

# Using Voice Services

## Activating Voice Recognition





Voice recognition allows you to say commands to perform common functions supported by your phone. There is no voice training required to use the voice recognition feature. You simply say the pre-designated command displayed on your screen in a normal tone of voice to perform the desired function.

To activate voice recognition:

1. Press the navigation key left or press and hold . (The phone prompts you to say a voice command.)
2. Wait for the beep and then say one of the following commands:
  - Digit Dial
  - Voice Memo
  - My Phone #
  - Name Dial
  - Phonebook
  - Status

When it recognizes one of these commands, the phone launches the associated application. If the phone does not hear a command within approximately eight seconds, it de-activates voice recognition without taking any action.

---

**Note:** If you want to use another button to activate voice recognition, in addition to , press    for **Launch Pad**. On this menu, you can change button assignments, including the button used to launch "Voice Dial," which is the voice recognition application.

---



## Using Digit Dial


Digit Dial allows you to dial any valid 7, 10 or 11 digit North American phone number by speaking the number naturally, without pausing between the digits.

Tips for using Digit Dial:

- Digit Dial works best in quieter environments.
- When saying a number, speak at a normal speed and say each digit clearly. There is no need to pause between digits.
- The phone recognizes the digits one, two, three, four, five, six, seven, eight, nine, zero, and oh. The phone does not recognize numbers such as "one eight hundred" for "1-800." Instead, say "one-eight-zero-zero."
- The phone recognizes only valid 7, 10 or 11 digit North American phone numbers.
- If your phone does not usually recognize you correctly when you are using Digit Dial, try adapting Digit Dial to your voice, which can significantly improve accuracy for some speakers. (See "Adapting Digit Dial" on page 77 for details.)

To place a call using Digit Dial:

1. Activate voice recognition by pressing and holding  .  
(The phone prompts you for a command.)
2. Say **Digit Dial**. (The phone prompts you to say the number.)
3. Say a valid 7, 10 or 11 digit North American phone number naturally and clearly.
4. If the phone asks you, "Did You Say," followed by the correct number, say "**Yes**." (You can also select the correct number from those displayed on the screen by pressing  on the correct number. The phone will then dial the number.)

5. If the phone asks you, "Did You Say," followed by an incorrect number, say **No**. (If there are other alternatives, the phone will prompt you with the next one. You can also press the navigation key up or down to select the correct number from the Choice List, and then press  to dial.)

---







**Note:** In some cases, the phone might ask you to repeat a number. Make sure that the number is a valid 7 or 10 digit North American phone number, and then say the number again. If the number isn't valid, or if the phone still doesn't understand the number on the second try, it will not place a call.

---

## Enabling/Disabling Digit Dial Choice Lists

You can customize whether the Digit Dial feature displays the list of top voice recognition choices or automatically dials the first number, without displaying a choice list.

To enable or disable choice lists for Digit Dial:

1. Press   for **Settings**.
2. Press  for **Voice Dial**.
3. Press  for **Choice List**.
4. Press  for **Digit Dial**.
5. Press the navigation key up or down to select **Yes** or **No** and press .

## Adapting Digit Dial

Digit Dialing is speaker independent, which means that no training or adaptation is required. Some users with heavy accents or unusual voice characteristics may find difficulty in achieving high accuracy with speaker independent Digit Dialing, so the Adapt Digits feature allows users to dramatically improve the digit accuracy through adaptation. Users who get acceptable digit recognition accuracy will find no additional benefit to performing the Adapt Digit adaptation. After you adapt Digit Dial, your phone will be customized to your voice. Other people will not be able to use Digit Dial on your phone unless they reset the phone to factory defaults.

---

**Note:** ONLY adapt Digit Dial if the system is frequently misrecognizing your speech. You can always restore the system to its original factory setting.

---





Adaptation involves recording several digit sequences to teach the system your voice. The adaptation process takes about 3 minutes.

Tips for adapting Digit Dial:

- Adapt digits in a quiet place.
- Make sure you wait for the beep before starting to speak.
- Speak clearly, but say each digit sequence naturally.
- If you make a mistake while recording a sequence of digits, or if there is an unexpected noise that spoils the recording, you can say or select **No** when the prompt asks, “Did the recording sound OK?” You will then be prompted to re-record the sequence.

To adapt Digit Dial to your voice:

1. Press   for **Settings**.

2. Press  for **Voice Dial**.
3. Press  for **Adapt Digits**. (The phone displays the first digit sequence.)
4. When you are ready to start recording, press . (The phone prompts you to say the first sequence of digits.)
5. Wait for the beep, and then repeat the digits using a normal tone of voice. (The phone plays back your recording and asks you if the recording sounds "OK.")
  - If the recording sounds OK (no mistakes and no background noises), say **Yes**.
  - If you need to re-record the digits to fix any problems, say **No**. (The phone then prompts you to say the digits again.)
6. Wait for the beep, and then record the digits again. (Repeat this step until you are satisfied with the recording.)
7. After confirming that the recording sounds OK, repeat the recording process with the next set of digits. (After six sets of digits, the phone will ask you whether you want to do more adaptation. Answer **Yes**.)
8. Repeat steps 4-7 for another six sets of digits. (After the sixth set of digits, you will be half-way through the session and the phone will ask "More Adaptation?")
9. Select **OK** to continue for six more sets of digits, or press  for partial adaptation. When you are finished with a full session, you will reach a screen that reads, "Adaptation Complete."






---

**Note:** It is recommended that you perform the complete adaptation of Digit Dial at least once to achieve the maximum benefit of this feature. If a partial adaptation is performed, you can always return later and resume the process from the half way point.

---

## Resetting Digit Dial Adaptation

To erase any adaptation and reset Digit Dial to its original state:


1. Press   for **Settings**.
2. Press  for **Voice Dial**.
3. Press  for **Reset Digits**.
4. Press the navigation key up or down to select **Yes** and press .



## Using Name Dial

For best results with Name Dial enter first and last names in your phone book, avoid using abbreviations, and make sure the names are spelled correctly. Name Dial automatically voice-activates every contact in your Phone Book without the need to record or "train" names before using them. With Name Dial you can dial any person in your Phone Book by saying that person's name.







To place a call using Name Dial:

1. Activate voice recognition by pressing and holding . (The phone prompts you for a command.)
2. Say **Name Dial**. (The phone prompts you to say a name.)
3. Say the full name of the person you want to call, exactly as it is entered in your Phone Book. (The phone plays the name through the earpiece and displays it on the screen.)
  - If the Phone Book contains only one number for the name, the phone automatically dials that number.
  - If the name that you spoke has more than one number associated with it, the phone displays the different locations (**Home, Work, Mobile, Pager, Fax**) and asks you which one to dial. Say one of the location names and the phone will dial the number for the location you specified.


## Enabling/Disabling Name Dial Choice Lists

You can customize whether the Name Dial feature displays a list of choices for names that sound alike, or brings up information for the first recognized name without displaying a choice list.

To enable or disable choice lists for Name Dial:

1. Press   for **Settings**.
2. Press  for **Voice Dial**.
3. Press  for **Choice List**.
4. Press  for **Name Dial**.
5. Press the navigation key up or down to select **Yes** or **No** and press . (When choice lists are enabled for Name Dial, after you say the name, the phone will display one or more names on the screen and prompt you to confirm the name you spoke.)
  - If the phone says, "Did you say," followed by the correct name, say **Yes**.
  - If the phone says, "Did You Say," followed by an incorrect name, say **No**. The phone will prompt you with the next name, if there is one. If there are no more names, the phone will say "Sorry, No Match Found," and will not place a call.

---


**Note:** You can also choose a name from the choice list manually. Use the navigation key to highlight the name, and then press  to select it.

---

## Using Name Lookup

Name Lookup lets you retrieve contact information for any person in your Phone Book by saying the full name of the person.







To retrieve information using Name Lookup:

1. Activate voice recognition by pressing and holding . (The phone will prompt you for a command.)
2. Say **Phone Book**. (The phone will prompt you to say the name.)
3. Say the full name of the person, exactly as it is entered in your Phone Book. (The phone will play the name it recognized through the earpiece, and then open the contact information for that name.)

### Enabling/Disabling Name Lookup Choice Lists


You can customize whether the Name Lookup feature displays a list of choices for names that sound alike, or brings up information for the first recognized name without displaying a choice list.

To enable or disable choice lists for Name Lookup:

1. Press   for **Settings**.
2. Press  for **Voice Dial**.
3. Press  for **Choice List**.
4. Press  for **Phone Book**.
5. Press the navigation key up or down to select **Yes** or **No** and press . (When choice lists are enabled for Name Lookup, after you say the name, the phone will display one or more names on the screen and prompt you to confirm the name you spoke.)
  - If the phone says, "Did You Say," followed by the correct name, say **Yes**.

- If the phone says, "Did You Say," followed by an incorrect name, say **No**. The phone then prompts you with the next name, if there is one. If there are no more names, the phone will say "Sorry, No Match Found."

---


**Tip:** You can also choose a name from the choice list manually. Press the navigation key up or down to highlight the name, and then press  to select it.

---

## Phone Status Information

The voice recognition Status option gives you an update on your phone's service, signal strength, and battery level.

To retrieve your phone's status information:








1. Press the navigation key left or press and hold  to activate voice recognition. (The phone prompts you to say a voice command.)
2. Wait for the beep and say **Status**.

# Managing Voice Memos





You can use your phone to record brief memos to remind you of important events, phone numbers, or other items.

## Recording Voice Memos

To record a voice memo:

1. Press   for **Tools**.
2. Press  for **Voice Memo**.
3. Press  for **Record**. (The phone prompts you to start recording after the beep.)
4. Wait for the beep and then start speaking. (As it is recording, the phone displays a countdown timer that shows how many seconds are left for recording.)
5. To pause the memo, press . (When a memo is paused, press  again to resume recording.)
6. To finish recording, press .

To record a conversation during a phone call:

1. During a call, press   for **Voice Memo**. (A one minute counter is displayed on the screen to indicating the amount of time a single voice memo can be recorded.)
2. Press  during the countdown to pause and restart the memo.
3. Press  or select **Finish** to end the recording prior to the countdown completion






---

**Note:** A total of 10 minutes in 10 separate memos can be recorded and saved. Individual memos can record up to 60 seconds of audio.



---

## Reviewing and Erasing Memos




To play the voice memos you have recorded:

1. Press   for **Tools**.
2. Press  for **Voice Memo**.
3. Press  for **Review**. (The phone displays a list of saved memos, with the first one selected.)
4. Select a memo and press .  
— or —






Press the number corresponding to the memo you want to review. (The phone replays the memo.)

- To pause the memo during replay, press .
- Press  again to resume replaying the memo.

To erase an individual memo:

1. Follow the steps above to display the list of saved memos.
2. Select the memo to erase.
3. Press   for **Erase**.
4. Press the navigation key up to select **Yes** and press .

To erase all voice memos:

1. Press   for **Tools**.
2. Press  for **Voice Memo**.
3. Press  for **Erase All**.
4. Press the navigation key up to select **Yes** and press .

# Using Your Phone Camera

## Taking Pictures

Taking pictures with your phone's built-in camera is as simple as choosing a subject, pointing the lens, and pressing a button. You can activate camera mode and take pictures whether the phone is open or closed.


To take a picture with the phone open:

1. Press   for **Picture/Video**.
2. Press  for **Camera**.


---

**Shortcut:** To activate camera mode, you can also press the camera button twice or just press the side camera button (see illustration on page 2).

---

3. Using the phone's main LCD as a viewfinder, aim the camera lens at your subject.
4. Press the side camera button () until the shutter sounds. (Make sure the camera is steady.)


To take a picture with the phone closed:

1. Press and hold  located on the side of the handset to activate the camera.
2. Point the camera lens at your subject. (You can check the picture framing through the external display screen.)

---

**Note:** When taking a picture with the phone closed, the subject image appears in reverse on the external display. The captured image will not be saved in reverse.

---

3. Press  to take the picture.

4. Press the Side Camera button again to return to the camera mode.

## Image Resolution

Your full-color digital camera can take pictures in three different modes. Each of the modes allow you to increase the zoom multiple levels, depending on the picture quality setting. This allows you to get a closer view of the subject or scenery being photographed.

The following image resolutions are available:

- **High:** This is the highest resolution setting available for this camera, thus allowing you the most image detail. Images taken at the high setting require more memory to save than the other two modes. The zoom feature is available using the navigation key.
- **Medium:** The medium setting allows you to take good quality images without using too much memory. The zoom feature is available using the navigation key.
- **Low:** The low setting allows you to take average quality images. You can save the most images in memory using this setting. The zoom feature is available using the navigation key.

## Picture Settings

There are several settings associated with the full-color digital camera. These settings allow you to customize how the camera operates when taking pictures.










The settings are:

- **Shutter Sound:** The shutter sound allows you to select between 7 different shutter sounds. The shutter sound is heard when you take a picture.
- **Auto-Erase:** If the auto erase function is On, the pictures stored in your phone's memory are automatically deleted after they are uploaded to an online album.







- **Picture Resolution:** This setting allows you to select the desired resolution of the image. The available sizes are:
  - High:640\*480
  - Med:320\*240
  - Low:160\*120
- **Picture Quality:** The quality allows you to select between **Fine**, **Normal**, and **Economy**. These settings reflect the image quality settings for the pictures.
- **Cam. Key Guard:** Allows you to lock the side camera button to avoid taking accidental pictures with the flip closed.
- **Status Bar:** Displays icons associated with the different picture or video settings available on your handset. These icons are not included in the final picture.

To access the picture settings:

1. Press   for **Picture/Video**.
2. Press  for **Settings**.
3. Select from the following options:
  -  for **Shutter Sound**
  -  for **Auto Erase**
  -  for **Picture Resolution**
  -  for **Picture Quality**
  -  for **Cam. Key Guard**
  -  for **Status Bar**

## Camera Mode Options





Camera options allow you to set up options associated with taking pictures. When you are in Camera mode, press  to display the following options:

- **Flash:** Allows you to turn the flash always on or off when taking a picture. Also allows you to turn the flash on for just one picture or keep the flash always on. To get the best picture quality, do not move the phone when the flash is on.
- **Self Timer:** Allows you to configure a timer for 5 or 10 seconds. This feature can also be turned Off.
- **Fun Frames:** Allows you to select a frame around the image before the picture is taken. Press the navigation key left or right to select the desired frame. Press  to select and return to the camera mode.
- **MultiShot:** Allows you to configure the camera to take 3, 5, 10, or 15 quick pictures depending on the picture quality setting when you press .
- **Color Tones:** Allows you to select between several different color tones including **Monochrome** (black & white), **Sepia**, **Warm**, **Cool**, **Fog**, **Antique**, **Negative**, and **Auto** by pressing the navigation key left or right. When you find the desired tone, press .
- **Brightness:** Allows you to set the brightness level automatically or manually. If manual is selected, press the navigation key left or right to increase or decrease the desired brightness.
- **White Balance:** Allows you to set up the white balance of the camera automatically or manually using the different preset modes. The modes available are:
  - Auto: Automatically adjusts the lighting.
  - Sunny: Decreases the light sensitivity for taking pictures in full or mostly sunny conditions.

- **Cloudy:** Increases light sensitivity for taking pictures under cloudy conditions.
- **Tungsten:** Adjusts the white balance to match inside lighting conditions displayed using common household light bulbs.
- **Fluorescent:** Adjusts the white balance to match inside lighting conditions displayed using common fluorescent lighting.
- **Manual:** Allows you to adjust the white balance settings manually.
- **My Pictures:** Displays the pictures that have already been saved.
- **Camcorder:** Switches to the camcorder mode.

## Setting the Self-timer



To activate the Self-timer and get yourself in on the picture:

1. With the phone open and in Camera mode, press  to select **Options**.
2. Press  for **Self Timer**.
3. Using the navigation key, highlight the length of delay you want the timer to use (5 or 10 seconds) and press .
4. Press  to start the timer. (A timer is displayed in the lower left portion of the main LCD during the Self Timer countdown and the phone starts beeping.)
5. Get ready for the picture. (When the timer is down to 3 seconds, a tone is heard and the Self-timer icon will turn red.)

To cancel the Self Timer after it has started:

- Press  to **Cancel**.

---









**Note:** While the Self-timer is active, all keys are disabled except , and .

---

## Picture Messaging

Once you've taken a picture, it is automatically saved in the camera. You can share the picture instantly with family and friends. You can send a picture to up to ten people at a time using their email addresses or their phone number (if their phone is equipped to receive picture messages).

### Sending Pictures Instantly

1. Capture your picture.
1. Press  for **Next**.
2. Press  for **Send**.
3. Enter up to 10 mobile phone numbers, email addresses, or phone book entries. When finished, press .
4. Press  for Next. You will now see a preview of the message.
5. To add a Voice Memo, press the navigation key down and press  for **Record**. Press  to begin recording or  to skip and not record a voice memo.
6. Press  for **Send**.

---

**Tip:** If you select Change, you can also re-record your voice memo.

---

## Sending Saved Pictures






You can also send pictures that you have saved on your camera.

1. Press   for **Picture/Video**.
2. Press  for **My Pictures**.
3. Highlight the desired image(s) and press the camera button on the front of the phone to select.
4. Press  for **Send**.
5. Finish steps 3 to 6 listed above under Sending Pictures Instantly to send the picture.

## Sharing Pictures Via Messaging

You can also share your pictures from your phone's Messaging menu.

To share pictures from the Messaging menu:

1. Press   for **Messaging**.
2. Press  for **Pic/Video Msg**.
3. Press  for **Send Picture**.
4. Select **From My Pictures** and press .
5. Highlight the desired picture(s) and press the camera button in the center of the navigation key.
6. Finish steps 3 to 6 listed above under Sending Pictures Instantly to send the picture.

# Storing Pictures

Your phone can store pictures in three ways:


- **In Camera**
- **Saved to Phone**
- **Online Albums**

Images located in **In Camera** and **Saved to Phone** can be assigned to address book entries, uploaded to online albums, sent to other users, or saved for future use.

---

**Note:** When pictures are assigned as your screen saver, they are manipulated from their original size to fit the screen.

---

When you access either location, the following options are available when you press the  button:

- **Upload:** Allows you to upload the image to an online album on the web. (Only available in **In Camera**.)
- **Assign:** Allows you to assign an image to an address book entry.
- **Camera:** Launches the Camera mode.
- **Erase:** Allows you to erase a single or all of the stored images.
- **Edit Caption:** Allows you to edit the default name given to the image when the picture was taken.
- **Picture Info:** Displays detailed information about the image.
- **Saved to Phone/In Camera:** Allows you to switch between In Camera and In Phone locations.
- **Expand/Thumbnail:** Allows you to change the aspect of the image between full screen and thumbnail size.

## In Camera

Your phone displays a picture immediately after it is taken and stores the image in the **In Camera** folder. Pictures stored in your phone can be viewed at any time without connecting to the web.

To access the images:

1. Press   for **Picture/Video**.
2. Press  for **My Pictures**.
3. Press  for **In Camera**.

## Saved to Phone

When pictures are downloaded from the web or sent from another user, they are stored in the phone's internal memory. These images are located in the **Saved to Phone** menu option.

To view Saved to Phone images:

1. Press   for **Picture/Video**.
2. Press  for **My Pictures**.
3. Press  for **Saved to Phone**.




## Online Albums

Online Albums are image locations that are saved online and can be accessed using your phone. The locations can be used to save images or video clips from your phone.

### Creating an Online Album

The first time you use any of the Picture Messaging management options involving the Picture Messaging Web site you will need to establish a Picture Messaging password through your phone. This password will also allow you to log in to the Picture Messaging Web site. Contact your service provider for the web site details to access and manage your uploaded pictures and albums.

To create your Picture Messaging password:

1. Press   for **Picture/Video**.
2. Press  for **Online Albums**.
3. Please wait while the system creates your account.

---

**Tip:** Write down your Picture Messaging password in a secure place.

---

Once you have received confirmation that your account has been successfully registered, you may upload and share pictures and access the Picture Messaging Web site.

To access the Picture Messaging Web site:

1. From your computer's Internet connection, go to the Picture messaging website provided by your service provider.
2. Enter your Phone Number and Picture Messaging password to register.



## Uploading a picture to the Picture Messaging Web Site







1. Press   for **Picture/Video**.
2. Press  for **Online Albums**.
3. Select **Upload Picture** and press .
4. Highlight the desired image using the navigation key and press the camera key on the front of the phone.
5. Press  to upload.
6. Press  again to upload.

## To view Online Albums:



1. Press   for **Picture/Video**.
2. Press  for **Online Albums**.
3. Select **View Albums** and press .
4. Press   for **Select Album**.
5. Select **Pictures Only** or **Videos Only** and press .

## Sharing Online Pictures



To share an album or picture:

1. Press   for **Picture/Video**.
2. Press  for **Online Albums**.
3. Select **View Albums** and press .
4. Highlight the desired album and press   for **Select Album**.

## Accessing Online Picture/Video Message Options From Your Phone




1. Select a picture from your online Picture account.
2. Press  for **Options**.
3. To select an option, highlight it and press .

To access your online Albums options from your phone:

1. Display the album list in the Online Picture/Video account.
2. Use your navigation key to select an album (or Inbox).
3. Press  for **Options**.
4. To select an option, highlight it and press .
  - **Select Album:** Allows you to select the highlighted album.
  - **New Album:** Allows you to create a new album.
  - **Album Info:** Displays the detailed information associated with the album.
  - **Next:** Displays the next 20 albums (if applicable).
  - **Previous:** Displays the previous 20 albums (if applicable).

## Taking Video Clips

The camcorder allows you to capture sound and motion using your phone. You can capture up to 20 fifteen second clips using the camcorder. The video clips can be sent to other users or uploaded to online albums. There are several options associated with the camcorder:






- **Silent Movie:** Allows you to turn off the sound when capturing a video clip. If this option is on, a silent icon () is displayed on screen.
- **Movie Light:** Allows you to turn on or off the movie light. If this option is on, a light icon () is displayed on screen.
- **Self Timer:** Allows you to use a self timer before capturing a video clip. If this option is on, a self timer icon () is displayed on screen.
- **Color Tones:** Allows you to choose a custom color tone for your video clip. The available options are:
  - **Auto:** Automatically adjusts the picture for the best color quality available.
  - **Monochrome:** Changes the picture to black and white.
  - **Sepia:** Adds a sepia tint to the picture. This is the common orange tint that was popular back in early photography.
  - **Warm:** Increases red and orange tints giving a warm color.
  - **Cool:** Increases blue and green tints to give a cool color.
  - **Fog:** Increases the white levels to give a fog appearance.
  - **Antique:** Adds orange highlights for an antique look.
  - **Negative:** Reverses the image for a negative effect.

- **Brightness:** Allows you to select Auto or Manual. If manual is selected, you can adjust the brightness using 10 different levels from -5 to +5.
- **White Balance:** Allows you to select the white balance or lighting conditions for the video clip:
  - **Auto:** Automatically adjusts the lighting.
  - **Sunny:** Decreases the light sensitivity for taking pictures in full or mostly sunny conditions.
  - **Cloudy:** Increases light sensitivity for taking pictures under cloudy conditions.
  - **Tungsten:** Adjusts the white balance to match inside lighting conditions displayed using common household light bulbs.
  - **Fluorescent:** Adjusts the white balance to match inside lighting conditions displayed using common fluorescent lighting.
  - **Manual:** Allows you to manually adjust the white balance settings.
- **My Videos:** Shows video clips that have already been saved in the handset.
- **Camera:** Automatically switches to the camera mode.






## Taking a Video Clip

Taking a video clip with your phone's built-in Camcorder is as simple as choosing a subject, pointing the lens, and pressing a button. You can activate Camcorder mode and take video clips whether the phone is open or closed.

To take a Video Clip with the phone open:

1. Press  for **Picture/Video**.
2. Press  for **Camcorder**.
3. Using the phone's main LCD as a viewfinder, aim the camcorder lens at your subject.
4. Press  to begin recording.
5. Press  to end the recording early.  
— or —  
Press  to **Cancel**.

To take a Video Clip with the phone closed:

1. With the flip closed, press and hold the camera button  located on the side of the phone until Camera mode is displayed on the outside LCD screen.
2. Press and hold  again until **Camcorder** is displayed at the bottom of the outside LCD screen.
3. To begin recording, press  and release. (To end the recording early, press  again.)
4. Open the flip to review the clip or press  again to record another video clip.

## Sharing Video Clips

Sharing video clips works the same way as sharing images taken with the Camera. Once you have saved a video clip, you can send it to another user or upload the clip to an online album. For more information, see "Sending Saved Pictures" on page 92.


# Phone Basics

## Using Voicemail

### Setting Up Your Voicemail

All unanswered calls to your phone are automatically transferred to your voicemail, even if your phone is in use or turned off. Therefore, you will want to set up your Voicemail and personal greeting as soon as your phone is activated.

To set up your voicemail:

1. Press and hold .
2. Follow the system prompts to create your passcode, record your greeting, and record your name announcement.

---

**Note:** You must request this feature from your service provider for it to work correctly.

---


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**Note:** The voicemail setup process may vary in certain Affiliate areas.

---

### Voicemail Notification


There are several ways your phone alerts you of a new message:

- By displaying a message on the screen.
- By sounding the assigned ringer type.
- By the LED blinking red.
- By displaying  at the top of your screen.

## New Voicemail Message Alerts

When you receive a new voice message, your phone alerts you and prompts you to call your voicemail.


To call your voicemail:

- Press and hold .

To display your Missed Log:

- Press   .

---

**Important:** When you are roaming off the network, you may not receive notification of new voicemail messages. It is recommended that you periodically check your voicemail by dialing 1 + area code + your Phone Number. When your voicemail answers, press  and enter your passcode. You will be charged roaming rates when accessing voicemail while roaming off the network.

---

---

**Note:** Your phone accepts messages even when it is turned off. However, you are only notified of new messages when your phone is turned on and you are in a Service Area.

---




## Retrieving Your Voicemail Messages

You can review your messages directly from your phone or from any other touch-tone phone. To dial from your phone, you can either speed dial your voicemail or use the menu keys.

Using One-Touch Message Access

- Press and hold . Follow the system prompts.

Using the Menu Keys on Your Phone to Access Your Messages

1. Press   for **Messaging**.
2. Press  for **Voicemail**.



---






**Note:** You are charged for airtime minutes when you are accessing your voicemail from your phone.

---

## Clearing the Message Icon

Your phone may temporarily continue to display the message icon after you have checked your voice and text messages.

To clear the icon from the display screen:

1. Press   for **Messaging**.
2. Press  for **Voicemail**.
3. Press  for **Clear Envelope**.
4. Press the navigation key up to select **Yes** and press .

## Using Caller ID

Caller ID allows people to identify a caller before answering the phone by displaying the number of the incoming call. If you do not want your number displayed when you make a call, just follow these easy steps.

To block your phone number from being displayed for a specific outgoing call:


1. Press    .
2. Enter the number you want to call.
3. Press .

To permanently block your number, call Customer Service.

## Responding to Call Waiting

When you're on a call, Call Waiting alerts you of incoming calls by sounding two beeps. Your phone's screen informs you that another call is coming in and displays the caller's phone number (if it is available and you are in digital mode).





To respond to an incoming call while you're on a call:

- Press . (This puts the first caller on hold and answers the second call.)

To switch back to the first caller:

- Press  again.

---






**Tip:** For those calls where you don't want to be interrupted, you can temporarily disable Call Waiting by pressing     before placing your call. Call Waiting is automatically reactivated once you end the call.

---

## Making a Three-Way Call


With Three-Way Calling, you can talk to two people at the same time. When using this feature, the normal airtime rates will be charged for each of the two calls.

To make a Three-Way Call:

1. Enter a number you wish to call and press .
2. Once you have established the connection, press   for **3-Way Call**.
3. Dial the second number and press .
4. When you're connected to the second party, press  again to begin your three-way call.

If one of the people you called hangs up during your call, you and the remaining caller stay connected. If you initiated the call and are the first to hang up, all three callers are disconnected.

---

**Tip:** You can also begin a Three-Way Call by displaying a phone number stored in your Internal Phone Book, Call History, or Messaging. To call the third party, press .

---

---

**Note:** Call Waiting and Three-Way Calling are not available while roaming off the network.

---






# Messaging

Now you can exchange text and email messages right from your phone and stay connected without saying a word. Within the Messaging menu you can also view the number of voicemail messages you have waiting for you. For more information on using your phone's voicemail feature, see "Using Voicemail" on page 102. The following folders are available in the Messaging menu:

- **Send Message** - allows you to send text, picture and video messages
- **Text Message** - allows you to create and send new text messages, as well as check your Text Message Inbox.
- **Pic/Video Msg.** - allows you to create and send new picture and video messages, as well as check your Pic/Video Msg Inbox.
- **Web Alert** - allows you to receive an alert that a new web message is available.
- **Voicemail** - allows you to view or listen to any voice messages saved in the phone.
- **Settings** - allows you to configure the messaging options.

## Erasing All Messages

To erase all messages:

1. Press   for **Messaging**.
2. Select  for **Text Messages**,  
— or —  
 for **Pic/Video Msg**,  
— or —  
 for **Web Alert**,

— or —


 for **Voicemail**.

3. Press  for **Inbox**.

4. Press   for **Erase**.

— or —

Press   for **Mark for Deletion**.

5. Press the navigation key up to select Yes and press .

## Text Messaging


### Using Text Messaging

With Text Messaging, you can use a person's wireless phone number to send instant text messages from your web enabled phone to their messaging-ready phone – and they can send messages to you. When you receive a new message, you'll automatically be notified with a one-way text message.


In addition, messaging includes a variety of pre-set messages, such as “I'm running late, I'm on my way,” that make composing messages fast and easy.



#### To send a text message:

1. Press   for **Messaging**.

2. Press  for **Send Message**.

3. Select **Send Text** and press .

4. Enter the phone number or email address of the person to whom you're sending a message and press .

5. Enter your message using the keypad. Press  to select the desired character format. Press  when finished.

6. Press  to send.

## Sending Options





When you are sending a new text message, there are options associated with the new message. These options allow you to configure the following:

- **Priority** allows you to set the priority level between Normal and Urgent.
- **Call Back #** allows you to enter or omit a call back number in your message.

### To read a Text Message:

- When you receive a text message, you will see “New Text Message” on your display screen. Select **OK**.

### To reply to a Text Message:

1. While the message is open, select **Menu Reply**.
2. Compose your reply or use canned messages.
  - Use your keypad to type a message. Use the right softkey to select a character input mode.
  - To use pre-written messages press   for **Preset Msg**. Press the corresponding number on the keypad to enter the preset message response.
3. Press .
4. Press  to send.

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**Note:** The last preset message used automatically moves to the top of the list when you send a new message.




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# Message Setup Options

There are several options associated with text messaging. The Message Setup menu allows you to customize the options to fit your preferences. The message options are divided into the following categories:






- **Notifications:** Allows you to configure whether new messages will appear with a pop-up message or with an icon.
- **Sending Options:** Allows you to configure the default Priority level and Call Back number for messages.
- **Preset Messages:** Allows you to edit or change the default pre-written messages.
- **Message Alerts:** Allows you to configure the Volume level, Type, and Message Reminder settings for Message Alerts.
- **Save In Outbox:** If this option is On, a copy of the message is automatically saved in the Outbox after being sent.
- **Auto Delete:** If this option is On, old messages are automatically deleted from the mail boxes when they become full. This allows the new messages to be added.
- **Alerts Setup:** allows you to configure to auto-connect web alerts when possible.
- **Voice Mail #:** allows you to configure the voicemail number.

To access the Settings menu:

1. Press  for **Main Menu**.
2. Press  for **Messaging**.
3. Press  for **Settings**.

## Notifications

The Notifications options allow you select whether a message in a popup window appears to alert you that new messages are waiting. To turn On the Display Popup option:

1. Press  for **Main Menu**.
2. Press  for **Messaging**.
3. Press  for **Settings**
4. Press  for **Notifications**.
5. Select Message and Icon using the navigation key and press  to select.

## Sending Options




The Sending Options allow you to configure the Priority and Call Back number for outgoing messages. Once configured, these options are the default settings for any new messages that are created.

### Priority



There are two priority levels associated with text messaging. They are:

- **Normal**: this option sends the message as normal with regular delivery.
- **Urgent**: this option sends the message at the highest level and alerts the recipient that it is urgent.

This setting allows you to select the default priority level when creating new messages. To select the priority level:









1. Press  for **Main Menu**.
2. Press  for **Messaging**.
3. Press  for **Settings**.
4. Press  for **Sending Options**.



5. Press  for **Priority**.
6. Select **Normal** or **Urgent** using the navigation key and press  to select.

## Call Back Number




This option allows you to enter a return call back number that is automatically attached to your outgoing messages. To access the call back number option:

1. Press  for **Main Menu**.
2. Press  for **Messaging**.
3. Press  for **Settings**.
4. Press  for **Sending Options**.
5. Press  for **Call Back #**.
6. Use the navigation key to highlight yes and press .
7. Press and hold  to erase the existing number. Enter the number using the keypad and press  to save.

## Preset Messages

Preset messages are used to enter common responses to questions often received in text messages. A preset message can be selected and automatically entered into the message. Preset messages can also be changed to whatever you want by editing the 20 pre-set entries already stored in your phone. To edit a preset message:

1. Press  for **Main Menu**.
2. Press  for **Messaging**.
3. Press  for **Settings**.
4. Press  for **Preset Messages**.

5. Press the navigation key up or down to highlight the desired message or available entry and press  to edit.
6. Press and hold  to erase the message. Enter your new message or edit the existing one using the keypad and press  to save.

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**Note:** When you send a message using Preset Messages, the message selected last automatically displays as the first choice when sending a new message.







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## Message Alerts

The Message Alerts menu allows you to configure the volume and message reminder default settings for voicemail, text messages, and web alerts.

### Volume











This allows you to select the volume level for message alerts for voicemail, text messaging, and web alerts. The level can be set to Off, Vibrate, 1-Beep, or a volume level between 1-8. To set the volume:

1. Press  for **Main Menu**.
2. Press  for **Messaging**.
3. Press  for **Settings**.
4. Press  for **Message Alerts**.
5. Press  for **Volume**.
6. Press the navigation key left or right to select the desired volume level and press  to save.

### Type

This allows you to select the ringer type for voicemail, text messaging, and web alerts. Any ringer saved in the phone can be

used as the default ringer. Ringers that are downloaded can also be assigned. To set the ringer type:







1. Press  for **Main Menu**.
2. Press  for **Messaging**.
3. Press  for **Settings**.
4. Press  for **Message Alerts**.
5. Press  for **Type**.
6. Press:
  -  for **Voicemail**
  -  for **Text Message**
  -  for **Pic/Video Msg**
  -  for **Web Alert**
7. Press the navigation key left or right to select between Ring Tones, Melodies, Downloaded, or Single Tones.
8. Press the navigation key down to preview the first ringer. Press left or right to preview the other ringers associated with the ringer group selected. When finished, press  to Save the desired ringer.

## Reminder

This allows you to configure how often the reminder for new messages is sounded or displayed on the phone. The available options are:






- **Off:** No reminder is sounded or heard on the phone.
- **Once:** A reminder is sounded or displayed once to alert you of new messages.
- **Every 2 min:** A reminder is sounded or displayed every two minutes until the new message is read.

To set the message reminder option:

1. Press  for **Main Menu**.
2. Press  for **Messaging**.
3. Press  for **Settings**.
4. Press  for **Message Alerts**.
5. Press  for **Reminder**.
6. Press the navigation key up or down to select the desired duration and press  to select.

## Save in Outbox


This allows you to save a copy of the outgoing text message in the outbox. To turn this option On or Off:

1. Press  for **Main Menu**.
2. Press  for **Messaging**.
3. Press  for **Settings**.
4. Press  for **Save In Outbox**.
5. Press the navigation key up or down to select Yes or No and press  to select.

## Auto Delete






This option allows you to automatically delete old messages when the memory becomes full. This prevents new messages from being rejected due to the Inbox being too full. To turn this option On or Off:

1. Press  for **Main Menu**.
2. Press  for **Messaging**.
3. Press  for **Settings**.
4. Press  for **Auto Delete**.

5. Press the navigation key up or down to select Yes or No and press  to select.






## Alerts Setup

This option allows you to automatically connect to the web when new web alerts are received. If this option is turned Off, you are required to connect before the message can be viewed. To turn this option On or Off:

1. Press  for **Main Menu**.
2. Press  for **Messaging**.
3. Press  for **Settings**.
4. Press  for **Alerts Setup**.
5. Press the navigation key up or down to select Yes or No and press  to select.

## Voice Mail Number

This option allows you to enter a return voice mail number that is automatically attached to your outgoing messages. To access the voice mail number option:

1. Press  for **Main Menu**.
2. Press  for **Messaging**.
3. Press  for **Settings**.
4. Press  for **Voice Mail #**.
5. Enter the number using the keypad and press  to save.

# Web Services

## The Wireless Web

Your phone comes equipped with Wireless Web access through your browser. You can view specially designed version of popular sites which includes sports, weather, news, stock quotes etc. ... as well as downloadable ringtones, screen savers and images. When you launch the browser, the phone will connect to the Internet and the service indicator icon will display. Any time the service indicator icon is visible on the display, you are connected to the Internet and will be invoiced accordingly.

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**Note:** Rates and pricing vary according to the service option. For further information contact your service provider.

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## Launching the Browser

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**Note:** The first time you use the Browser, you will be prompted to go through a setup process that takes approximately three minutes.

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To launch a web connection:

1. Press  for **Main Menu**.
2. Press  for **Web**.
3. Press  for **Start Browser**.
4. Your connected to the Mobile Web Home page.

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**Note:** If Web Guard is enabled and displayed (see below), select OK to continue and launch the Web.

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If you had a previous web connection, the last page you visited will display when you launch your browser. When this occurs, you may not see the "Connecting as..." message when you launch the session. Though the browser is open, you are not currently in an active data session - that is, no data is being sent or received. As soon as you navigate to another page, the active session will launch and you will see the "Connecting" message.

## Web Guard

When you first connect to the Internet, the Web Guard will appear to confirm that you want to connect. This feature helps you avoid accidental connections. You can disable the Web Guard in the future by selecting **Always Auto-Connect** when the Web Guard is displayed. To change your Web Guard settings:

1. Press  for **Main Menu**.
2. Press  for **Web**.
3. Press  for **Web Guard**
4. Press the navigation key up or down to select:
  - None
  - To End
  - To Start
  - Both
5. Press  to **select**.

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**Note:** When enabled, the Web Guard appears only once per session. The Web Guard does not appear if the phone is merely re-connecting due to a time-out.

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## Web Connection Status and Indicators

Your phone's display lets you know the current status of your web connection through indicators which appear at the top of the screen.

The following symbols are used:


-  Your web connection is active (data is being transferred).
-  Incoming voice calls go directly to voicemail; outgoing voice calls can be made, but the web connection will terminate.
-  When your web connection is dormant (no data is being sent or received). Though not currently active, when dormant the phone can restart an active connection quickly; voice calls can be made and received.

## Navigating the Wireless Web

Navigating through menus and Web sites during a web session is easy once you've learned a few basics. Here are some tips for getting around:

### Softkeys

When browsing the Web, the bottom line of your phone's display contains one or more softkeys. These keys are shortcut controls for navigating around the Web, and they correspond to the softkey buttons directly below the phone's display screen. Depending on which Web sites you visit, the labels on the softkeys may change to indicate their function.

To use softkeys, simply press the desired softkey button. If an additional pop-up menu appears when you press the softkey button, select the menu items using your keypad (if they're numbered) or by highlighting the option and pressing .

### Scrolling

As with other parts of your phone's menu, you'll have to scroll up and down to see everything on some Web sites.


- Press the navigation key up and down to scroll line by line or



press the volume buttons on the side of the phone to scroll one page at a time.

## Navigating Between Web Pages

Once you've learned how to use softkeys and scroll, you can start navigating Web sites.

- Select on-screen items by using the navigation key to highlight the desired item, then press the desired softkey button (or press ).


You'll find that the left softkey is used primarily for selecting items. This softkey is often labeled "OK."

- If the items on a page are numbered, you can use your keypad (number keys) to select an item.



Links, which appear as underlined text, allow you to jump to different Web pages, select special functions, or even place phone calls.

- Select links by highlighting the link and then selecting the appropriate softkey.

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**Tip:** The tenth item in a numbered list may be selected by pressing the  key on your phone's keypad, even though the number 0 doesn't appear on the screen.

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- To go back one page, press  on your phone. (Note that  is also used for deleting text (like a BACKSPACE key) when you are entering text.)

## Using the Menu to Navigate

By pressing the Menu softkey, you can navigate between web pages.

- Press the **Menu** softkey and select one of the following options:
  1. **Home** to return to the Bell home page
  2. **Forward** one web page (if you have not returned back from a previous web page, this option is greyed out)
  3. **Mark this page** to create a Bookmark
  4. **View Bookmarks** to see your list of Bookmarks
  5. **History** to see a list of web pages you have browsed this session
  6. **Go to URL** to directly jump to a specific web page
  7. **Show URL** to view the URL of your current webpage
  8. **Reload this page**
  9. **About Browser** to view information about your Mobile Browser
  0. **Restart** your Mobile Browser





# Downloading Games, Ringers, Screen Savers and Applications

With your new web enabled phone, you have access to a variety of services such as downloadable Games, Ringers, and Screen Savers. While each type of download involves a different file type, the basic method for accessing and downloading files is the same.

## Games



You can play a variety of entertaining and graphically-rich games on your phone. New games are easy to download and play.


### Downloading Games

1. Press  for **Main Menu**.
2. Press  for **Downloads**.
3. Highlight **Games** and press .
4. Highlight **Get New** and press . The browser will launch and take you to the Games download menu.
5. Use your navigation key to highlight and select a game you wish to download. (For more information on navigating the Web, see “Navigating the Wireless Web” on page 119.)

### Playing Games

To play a downloaded game on your phone:





1. Press  for **Main Menu**.
2. Press  for **Downloads**.
3. Highlight **Games** and press .
4. Select the game you wish to play.

5. Follow the on-screen instructions to play the game. When you are finished, select **Exit** (or **Quit**) or press .

## Ringers





### Downloading Ringers








To download an available ringer to your phone:

1. Press  for **Main Menu**.
2. Press  for **Downloads**.
3. Highlight **Ringers** and press .
4. Highlight **Get New** and press . The browser will launch and take you to the Ringers download menu.
5. Use your navigation key to highlight and select a ringer you wish to download. (For more information on navigating the Web, see "Navigating the Wireless Web" on page 119.)
6. From the item information page, select **Buy**. You will be prompted with the cost of the ringer.

### Assigning Downloaded Ringers

Downloaded ringers may be assigned directly from the Downloads menu and are also available through the Settings menu. To assign a downloaded ringer through the Settings menu, see "Selecting Ringer Types for Voice Calls" on page 27 or "Selecting Ringer Types for Voice Calls" on page 27. To assign a downloaded ringer:

1. Press  for **Main Menu**.
2. Press  for **Downloads**.
3. Highlight **Ringers** and press .
4. Highlight a ringer and press  to play the ringer.

5. Press  to return to the **Ringers** menu.
6. Press   for **Set as**.
7. Press  for **Voice Calls**.
8. Press  for **With Caller ID** or  for **No Caller ID**.
9. Press  to exit.

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**Note:** You may assign a ringer to more than one type of call.

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## Screen Savers

### Downloading Screen Savers

To download an available Screen Saver to your phone:

1. Press  for **Main Menu**.
2. Press  for **Downloads**.
3. Highlight **Screen Savers** and press .
4. Highlight **Get New** and press . The browser will launch and take you to the Screen Savers download menu.
5. Use your navigation key to highlight and select a Screen Saver you wish to download. (For more information on navigating the Web, see “Navigating the Wireless Web” on page 119.)
6. From the item information page, select **Buy**. You will be prompted with the cost of the screen saver.

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**Note:** You may store a limited number of downloaded Screen Savers on your phone, depending on the file sizes.





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### Assigning Downloaded Screen Savers

Downloaded Screen Savers may be assigned directly from the Downloads menu and are also available through the Settings menu.

To assign a downloaded Screen Saver through the Settings menu, see “Changing the Display Screen” on page 34.

To assign a downloaded Screen Saver from the Downloads menu:

1. Press  for **Main Menu**.
2. Press  for **Downloads**.
3. Highlight **Screen Savers** and press .
4. Highlight a Screen Saver and press  to view.

5. Press  to return to the **Screen Savers** menu.
6. Press   for **Set as**.
7. Press  for **Screen Saver**.
8. Press  to exit.

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**Note:** You may assign a Screen Saver to more than one task.

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## Applications

### Downloading Applications

To download an application to your phone:

1. Press  for **Main Menu**.
2. Press  for **Downloads**.
3. Highlight **Applications** and press .
4. Highlight **Get New** and press . The browser will launch and take you to the application download menu.
5. Use your navigation key to highlight and select a application you wish to download. (For more information on navigating the Web, see “Navigating the Wireless Web” on page 119.)
6. From the item information page, select **Buy**. You will be prompted with the cost of the application.

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**Note:** You may store a limited number of downloaded applications on your phone, depending on the file sizes.

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# Safety

## Getting the Most Out of Your Reception

### **Keeping Tabs on Signal Strength**

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.

### **Knowing Radio Frequency Safety**

The design of your phone complies with updated NCRP standards described below. In 1991-92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies and industries developed this updated standard after



reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

## **Maintaining Your Phone's Peak Performance**

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 mouthpiece.
- 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's inoperable, return it to a dealer store or call Customer Support for service.

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**Note:** For the best care of your phone, only BMC authorized personnel should service your phone and accessories. Faulty service may void the warranty.

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- Maintaining Safe Use of and Access to Your Phone

**FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE**

## Using Your Phone While Driving

Talking on your phone while driving (or operating the phone without a hands-free device) is prohibited in some jurisdictions. Laws vary as to specific restrictions. Remember that safety always comes first.

When using your phone in the car:

- Get to know your phone and its features, such as speed dial and re-dial.
- When available, use a hands-free device.
- Position your phone within easy reach.
- Let the person you are speaking to know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.
- Do not take notes or look up phone numbers while driving.
- Dial sensibly and assess the traffic; if possible, place calls when stationary or before pulling into traffic.
- Do not engage in stressful or emotional conversations that may divert your attention from the road.
- Dial 911 to report serious emergencies. It's free from your wireless phone.
- Use your phone to help others in emergencies.
- Call roadside assistance or a special non-emergency wireless number when necessary.

## Following Safety Guidelines

To operate your phone safely and efficiently, always follow any special regulations in a given area. Turn your phone off in areas where use is forbidden or when it may cause interference or danger.

## **Using Your Phone Near Other Electronic Devices**

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, RF signals from wireless phones may affect inadequately shielded electronic equipment.

RF signals may affect improperly installed or inadequately shielded electronic operating systems and/or entertainment systems in motor vehicles. Check with the manufacturer or their representative to determine if these systems are adequately shielded from external RF signals. Also check with the manufacturer regarding any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices, such as pacemakers and hearing aids, to determine if they are adequately shielded from external RF signals.

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**Note:** Always turn off the phone in health care facilities and request permission before using the phone near medical equipment.

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## **Turning Off Your Phone Before Flying**

Turn off your phone before boarding any aircraft. To prevent possible interference with aircraft systems, the U.S. Federal Aviation Administration (FAA) regulations require you to have permission from a crew member to use your phone while the plane is on the ground. To prevent any risk of interference, FCC regulations prohibit using your phone while the plane is in the air.

## **Turning Off Your Phone in Dangerous Areas**

To avoid interfering with blasting operations, turn off your phone when in a blasting area or in other areas with signs indicating that two-way radios should be turned off. Construction crews often use remote-control RF devices to set off explosives.

**Turn off your phone when you're in any area that has a potentially explosive atmosphere. Although it's rare, your phone or its accessories could generate sparks. Sparks could cause an explosion or a fire resulting in bodily injury or even death. These areas are often, but not always, clearly marked. They include:**

- Fueling areas such as gas stations.
- Below deck on boats.
- Fuel or chemical transfer or storage facilities.
- Areas where the air contains chemicals or particles such as grain, just or metal powders.
- Any other area where you would normally be advised to turn off your vehicle's engine.

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Note: Never transport or store flammable gas, liquid or explosives in the compartment of your vehicle that contains your phone or accessories.

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## **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.

## **Caring for the Battery**

### **Protecting Your Battery**

The guidelines listed below help you get the most out of your battery's performance.

- Use only Samsung approved batteries and desktop chargers. These chargers are designed to maximize battery life. Using

other batteries or chargers voids your warranty and may cause damage.

- In order to avoid damage, charge the battery only in temperatures that range from 32° F to 113° F (0° C to 45° C).
- Don't use the battery charger in direct sunlight or in high humidity areas, such as the bathroom.
- Never dispose of the battery by incineration.
- Keep the metal contacts on top of the battery clean.
- Don't attempt to disassemble or short-circuit the battery.
- The battery may need recharging if it has not been used for a long period of time.
- It's best to replace the battery when it no longer provides acceptable performance. It can be recharged hundreds of times before it needs replacing.
- Don't store the battery in high temperature areas for long periods of time. It's best to follow these storage rules:
  - Less than one month:  
4° F to 140° F (-20° C to 60° C)
  - More than one month:  
4° F to 113° F (-20° C to 45° C)

### **Disposal of Lithium Ion (Lilon) Batteries**

For safe disposal options of your Lilon batteries, contact your nearest BMC service center.

**Special Note:** Be sure to dispose of your battery properly. In some areas, the disposal of batteries in household or business trash may be prohibited.

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**Note:** For safety, do not handle a damaged or leaking Lilon battery.

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## Acknowledging Special Precautions and Industry Canada Notice

Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and will invalidate 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 hardware and can be broken. Use common-sense guidelines to avoid dropping, hitting, bending or sitting on it.

### 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.

## Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation; if

this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient / relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

### **Specific Absorption Rates (SAR) for Wireless Phones**

The SAR is a value that corresponds to the relative amount of RF energy absorbed in the head of a user of a wireless handset.

The SAR value of a phone is the result of an extensive testing, measuring and calculation process. It does not represent how much RF the phone emits. All phone models are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a phone can be substantially less than the level reported to the FCC. This is because of a variety of factors including its proximity to a base station antenna, phone design and other factors. What is important to remember is that each phone meets strict federal guidelines. Variations in SARs do not represent a variation in safety. All phones must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in SAR values between different model phones do not mean variations in safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

The highest reported SAR values of the **SPH-a680** are:

AMPS mode (Part 22) - Head: **1.11** W/kg; Body-worn: **1.3** W/kg

Digital mode (Part 24) - Head: **1.05** W/kg; Body-worn: **0.972** W/kg

## Owner's Record

The model number, regulatory number and serial number are located on a nameplate inside the battery compartment. Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model: **SPH-a680**

Serial No.:

## User Guide Proprietary Notice

CDMA Technology is licensed by QUALCOMM Incorporated under one or more of the following patents:

4,901,307 5,109,390 5,267,262 5,416,797

5,506,865 5,544,196 5,657,420 5,101,501

5,267,261 5,414,796 5,504,773 5,535,239

5,600,754 5,778,338 5,228,054 5,337,338

5,710,784 5,056,109 5,568,483 5,659,569

5,490,165 5,511,073

T9 Text Input is licensed by Tegic Communications and is covered by U.S. Pat. 5,818,437, U.S. Pat. 5,953,541, U.S. Pat. 6,011,554 and other patents pending.



# Manufacturer's Warranty

## STANDARD LIMITED WARRANTY

What is Covered and For How Long? SAMSUNG Electronics Canada Inc. ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's phones and accessories ("Products") are free from defects in material and workmanship upon 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/Holster	90 Days
Game Pad	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 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 Liability? EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM PROVINCE TO PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND SHALL BE PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS.

THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR

REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRD-PARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

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