

Samsung Access™

**P O R T A B L E Q u a d - B A N D
M O B I L E P H O N E**

User Manual

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



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Section 1: Getting Started

This section describes the first steps to operating your phone.

SIM Card Information

When you subscribe for 3G cellular network services, you receive a plug-in SIM (Subscriber Identity Module) card loaded with your subscription details, such as your PIN and available optional services.

Install Battery and SIM and Charge the Phone

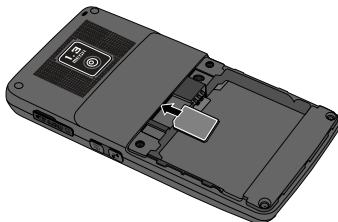
1. If necessary, power-off the phone by holding down the  key until the power-off image displays.
2. Remove the battery by pressing the battery lock down and sliding the battery cover away, as shown.



Inserting and Removing the SIM card

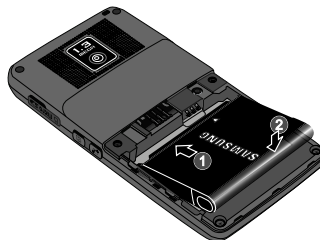
Important! The plug-in SIM card and its contacts can be easily damaged by scratches or bending. Use caution when inserting or removing the card, and keep all SIM cards out of the reach of children.

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



Installing the Battery

1. Align the battery tabs with the slots at the bottom of the phone.
2. Press the battery down until it clicks into place.



3. With the battery in position on the phone, place the cover back on the handset and slide it in until it clicks.

Important! Make sure that the battery is properly installed before switching on the phone.

Charging a Battery

Your phone is powered by a rechargeable Li-ion battery. Use the travel adaptor to charge the battery, and use only Samsung approved batteries and chargers.

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

Caution! For connection to an electrical supply not located in the U.S., you must use an adaptor of the proper configuration for the power outlet. Use of the wrong adaptor could damage your phone and void your warranty.

1. Plug the connector of the travel adaptor into the jack on the side of the phone.



Caution! The previous illustration shows both the correct and incorrect method for connecting the charger. If the incorrect method is attempted, damage to the accessory port will occur therefore voiding the phone's warranty.

2. Plug the adaptor into a standard AC wall outlet.

Important! The battery charging function may stop if you are on a call or viewing a streaming-video while charging your battery.

3. When the phone is completely charged (the battery icon is not animated), unplug the adaptor from the power outlet.
4. Remove the adaptor from the phone by gently pulling the connector out.

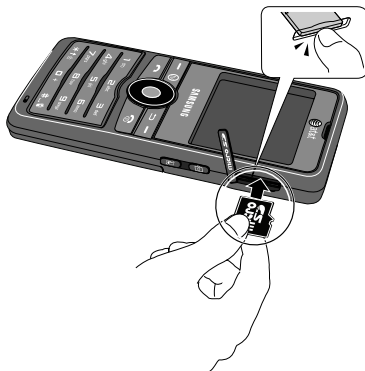
Important! You must unplug the adaptor before removing the battery from the phone during charging to avoid damage.

Installing the microSD™ Card

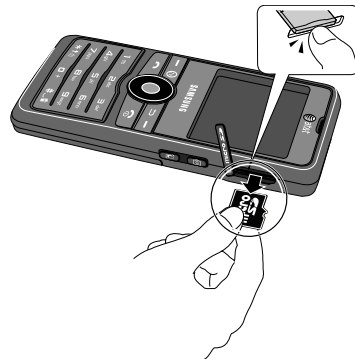
To add additional memory to your phone, you can insert a microSD™ card into the side of the phone. Use the following instructions and illustrations for proper insertion and removal.

1. Open the side slot to insert the card. Place the microSD™ card into the slot.
2. Push the microSD™ card into the slot until it clicks into place.

Note: Please note that the side with the gold contact pins should be facing down when inserting the card.



3. To remove the card, a quick press releases the card from the slot.



Note: The handset supports micro-SD cards of up to 8GB.

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, a warning tone sounds, the “Battery Low” message repeats at regular intervals on the display, and the empty battery icon  blinks. The backlight turns off to conserve the remaining battery power.

Note: If your phone is in Silent Mode, the Low Battery Indicator defaults to Vibration (see “*Other Available Profiles*” on page 116.). If you change the alert from Vibration to Mute, you will only see a flashing message indicating a low battery.

If the battery level becomes too low, the phone automatically turns off. Recharge your battery.

Turning the Phone On or Off

1. Press and hold the  key until the phone power-on screen displays.

Note: Do not turn on the phone when mobile phone use is prohibited.

2. If the phone asks you to enter a password, enter a password and press the **Confirm** soft key or the  key. For more information, refer to “*Set Phone*” on page 119. The phone searches for your network and after finding it, the Idle screen displays. Now, you can make or receive calls.

Note: The display language is preset to Automatic at the factory. To change the language, use the **Language** menu. For more information, refer to “*Set Phone*” on page 119.

3. To switch off the phone, press and hold the  key until the power-off image displays.

Setting Up Your Voice Mail

Note: If your service provider did not pre-configure your voice mail server number, you will need to store the Voice Mail server number before accessing the server. Your service provider can give you the number.

To access you voice mail from your keypad:

1. Press and hold .
2. Follow the voice mail prompts to the Voice Mail main menu, then select option 4 to set up your voice mail personal options:
 - Turn Notification On/Off
 - Change Administrative Options
 - For Greeting or Recorded Name
 - Change Notification Options

Changing the Voice Mail Name and Number

The SIM card gives you the default service number of the Voice Mail center. However, you may need to change the number. Use the following procedures to change your voice mail number.

1. Select **Menu → Recent Calls → Voice Mail → Voice Server Number → Voicemail**. Press  or the **Edit** soft key.
2. Locate the current voice mail number in the Center Address field and press  to delete the current number.
3. Enter your new voice mail number. Press .
4. Press the  key to return to Idle mode.

Section 2: Understanding Your Phone

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

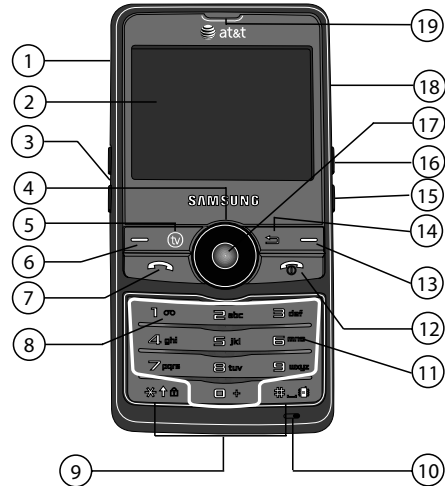
Features of Your Phone

Your phone is lightweight, easy-to-use and offers many significant features. The following list outlines a few of the features included in your phone:

- User friendly, menu-driven access to features and options
- Bluetooth wireless access
- Camera and camcorder
- AT&T Mobile TV with FLO™
- Video Sharing
- Instant Messaging capability
- E-mail
- Featured applications provide alarms, calendar, calculator, record audio, converter, timer, stopwatch, and world time.
- File viewer
- Multimedia Message Service (MMS)
- Multimedia capability (with included Music Player)
- Photo caller ID
- Speakerphone capability
- Web browser

Front View of Your Phone

The following illustrations show the main elements of your phone:



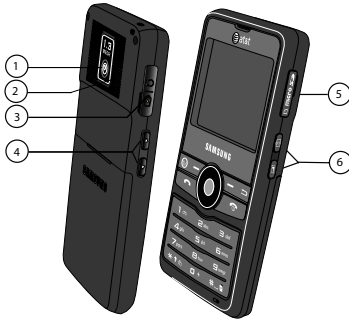
Slots, Controls and Keys

The following list correlates to the open and front view illustrations.

1. **Headset jack/Adapter jack:** Allows you to plug in the travel adapter (power), optional PC connection cable (data transfer), and included headset for safe, convenient, hands-free conversations.
2. **Display Screen:** This screen displays all the information needed to operate your phone.
3. **Volume keys:** These keys allow you to turn up or down the volume of the ringtone and the speaker. Press these keys to turn the volume display on, and to change the volume. To lower the volume of the ringer during an incoming call, press the down volume key to the desired volume, or until the option changes to Vibration All Activated. The volume keys can also be used to scroll up or down to navigate through the different menu options. These keys are also used when the Music Player is active.
4. **Navigation keys:** This key allows you to scroll through phone menu options and provides a shortcut to phone functions from standby mode.
5. **Mobile TV key:** Allows you to access the Mobile TV with FLO™ subscription service.
6. **Left soft key ():** Performs the functions indicated by the screen text on the bottom of the display.
7. **Send key:** Allows you to place or receive a call. In standby mode, press the key once to access the Recent Call log. If you press and hold the key down, you will initiate the most recent call from the Recent Call log.
8. **Voice Mail key:** Press and hold the  key to automatically dial your voice mail.
9. **Special Function keys: Asterisk/Shift key** - enters the [*] character for calling features. In text mode, press  to change the character input type. **Asterisk key** - Press and hold  to enter a pause between numbers. Pressing and holding the  key will lock the phone. **Pound/Space key** - enters the pound [#] character for calling features. In text entry mode, press to enter a space between characters.
Press and hold the  key to activate/deactivate the Silent profile.

- 10. Microphone:** Allows the other callers to hear you clearly when you are speaking to them.
- 11. Alphanumeric keypad:** Use these keys to enter numbers, letters and some special characters. When in Idle mode, press and hold the  key to access your voice mail server or press and hold  to enter an International call prefix.
- 12. End/Power on/off/Menu Exit key:** Ends a call. Press and hold the  key for a few seconds to power your phone On or Off. While in the main menu, it returns the phone to standby mode and cancels your input. When you receive an incoming call, press to reject call.
- 13. Right soft key ():** Performs the function indicated by the screen text on the bottom of the display.
- 14. Clear key ():** Deletes characters from the display when you are in text entry mode. Deletes items when in an application. When in a main menu, press to return to the previous menu. A quick press of the  key displays the Calendar in Month view.
- 15. Multitasking key:** Opens the application switch window which allows you to select from a group of different applications without having to exit from the currently active application. These options include making a voice call, text messaging, MEdia Net launch, launching the music player, accessing games and applications, or end multitasking.
- 16. Camera:** Launches the camera function and activates the camera shutter.
- 17. Menu access/Confirm key (WAP browser):** When navigating through a menu, pressing the  accepts the highlighted choice in the menu. If you press once in Idle mode, the WAP browser will launch.
- 18. Memory Card slot:** Used to install an optional microSD™ card for additional data storage.
- 19. Earpiece:** Used to listen to audio from your phone.

Side/Back View of Your Phone



Slots, Controls, and Keys

The following list correlates to the back and side view illustrations.

1. **Camera lens:** Allows you to take pictures and shoot video.
2. **Speaker:** Allows you to listen to music stored on your handset.
3. **Headset jack/Adapter jack:** Allows you to plug in the travel adapter (power), optional PC connection cable (data transfer), and headset for safe, convenient, hands-free conversations.
4. **Volume keys/Menu Navigation:** Allows you to adjust the ringer volume in standby mode or adjust the voice volume during a call. To mute the ringer during an incoming call, press the up or down volume key.

The volume keys can also be used to scroll up or down to navigate through the different menu options.

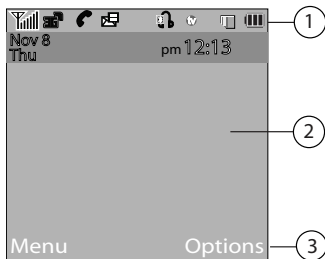
This key is also used when the Music Player is active.

If you are playing music and the backlight goes out, you will need to press this key to gain access to the music player keys.
5. **Memory Card slot:** Used to install an optional microSD™ card for additional data storage.

6. **Camera Shutter/Multitasking:** The “up” side of this rocker key launches the camera function and is the camera shutter. The “down” side of the rocker key activates the Multitasking menu.

Display Layout

The display has 3 areas:



1. **Icon bar:** displays the various phone icons, representing such items as messages received, battery strength, signal strength, and profile set.
2. **Text and Graphics area:** displays the area where text input occurs, and where graphics display.

3. **Soft Key indicators:** displays the specific usage of the soft keys. These indicators will change within menus and functions.

Icons



Shows the received signal strength. The greater the number of bars, the stronger the signal.



Appears when the phone is accessing services in a GPRS network. When data is being transferred, this icon animates.



Appears when the phone is accessing services in an EDGE network. When data is being transferred, this icon animates.



Appears when the phone is accessing services in a 3G (UMTS) network. When data is being transferred, this icon animates.



Appears when the phone is accessing services in a 3G+ (HSDPA) network. When data is being transferred, this icon animates.



Appears when a strong TV signal is present for Mobile TV with FLO™ reception.



Appears when a TTY adapter is plugged into the handset, making it accessible via a keyboard for the hearing or speech impaired.



Appears when a call is in progress.



Appears when there is no network coverage available. When you are out of the service area, you cannot make or receive voice calls.



Appears when an alarm is set on your phone.



Appears when the incoming alert is set to Vibration or when the Silent profile is set to Vibration.



Appears when your incoming phone calls are being forwarded to another number.



Appears when a new voice mail has been received.



Appears when a new text message has been received.



Appears when a new email message has been received.



Appears when a new multimedia message has been received.



Appears when a push-message has been received from the WAP server.



Appears when a new Over the Air (OTA) software update file has been received.



Appears after your memory card has been inserted.



Appears when Bluetooth wireless technology is active. It appears a solid red until the connection is set, then changes to a solid blue. When transferring data, this icon blinks red and blue.



Appears when a Bluetooth wireless headset is active and in use.



Appears when you are using the phone's Music Player.



Appears when you are connected to a PC via a USB port.

Note: The default phone profile is Normal, the profile is editable and the displayed icons may vary according to the setting.



Appears when the phone's profile is set to Silent. In this case, the speaker is muted and displays incoming call or message information on the LCD. This Speaker off icon is replaced on screen by the Vibration icon when the Silent profile is changed to Vibration instead of Mute.



Appears when the phone's profile is set to Driving. In this case, the speaker is active at twice the volume level and will launch the currently selected ringtone or melody when the associated notification is activated.



Appears when the phone's profile is set to Outdoor. In this case, the speaker is active, the volume settings are raised to their highest levels, any currently active ringtones or melodies are activated, and the phone's vibrate feature is activated.



Shows the level of your battery. The more bars you see, the more power you have remaining.

Back Light

A back light illuminates the display and the keypad when you press any key. It turns off when no keys are pressed within a given period of time, and/or dims the light, depending on the settings in the Backlight Time menu.

Multitasking Menu

This menu is launched by pressing the Multitasking key on the right side of your handset. This menu allows you to choose which tasks you want to perform. The menu icons choices are as follows:



Call: allows you to make a voice call while using the handset for other tasks. If Music Player is active, it is muted during the call.



Messaging: allow you to sent a text or multimedia message while using the handset for other tasks.



MEdia Net: allows you to launch the MEdia Net browser while using the handset for other tasks.



Music Player: allows you to launch the Music Player while using the handset for other tasks. If an incoming call is received, or you want to make a voice call, the Music Player is muted until the call ends.



Games and Apps: allows you to launch games or other applications while using the handset for other tasks.



End all?: allows you to end or cancel multitasking, and returns the handset to single task usage.

Selecting Functions and Options

Your phone offers a set of functions that can be customized for your ease and specific needs. These functions are arranged in menus and sub-menus, accessed using the two soft keys. Each menu and sub-menu allows you to view and alter the settings of a particular function.

If you select the **Options** soft key  in Idle mode, the following displays under the title of My Menu:

- **Bluetooth**: allows you to use the Bluetooth functionality of the handset.
- **Alarms**: allows you to set or alter alarm settings, including a Wake-up Alarm.
- **Calendar**: allows you to access the Calendar application, where you can set alarms, tasks, events, and reminders.
- **My Stuff**: allows you to quickly access your My Stuff folder which contains items such as: Music, Video, Graphics, and Application files.
- **Empty**: (locations 5-12) allows you to program additional frequently used features. Select an empty slot and press the  key. Use the Menu and Navigation keys to select a feature, then press the **Assign** soft key or the  key. The  key operates as **Assign** when there is no sub-menu, and **More** when there is a sub-menu

In some functions, you may be asked for a password or PIN. Enter the appropriate code and press the  key.

When you access a list of options, your phone highlights the currently active option. If, however, there are only two options, such as **On/Off** or **Enable/Disable**, your phone highlights the option that is not currently active, so that you can select it directly.

Selecting Options

To view the various functions and options available and to select the one you want:

- Press the appropriate soft key.
- To select the function displayed or the option highlighted, press the  key.
- To view the next function or highlight the next option on a list, press the **Down** Navigation key or the  key on the left side of the phone.
- To move back to the previous function or option on a list, press the **Up** Navigation key or the  key on the left side of the phone.
- To move back up one level in the menu structure, press the **Back** soft key.
- To exit the menu structure without changing the settings, press the  key.

Command Keys

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

Soft Keys

The roles of the soft keys vary depending on the function you are currently using; the labels on the bottom line of the display just above each key indicate their current role.



Left Soft Key

Some functions of the left soft key are as follows.

- At the Idle screen, the left soft key  function is to launch the main **Menu**.
- When in a menu mode, the left soft key  function is **Select**. It may also be the **OK** or **Confirm** function.

Right Soft Key

Some functions of the right soft key are as follows.

- At the Idle screen, the right soft key  function is to launch the **My Menu** screen; see “*Selecting Functions and Options*” on page 17.
- When in a menu mode, the right soft key  function is **Back** or **Cancel**.

Clear Key

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

- At the Idle screen, a quick press displays the calendar in Month view.
- If you enter an incorrect character, briefly press  to backspace (and delete) the character.
- To erase the entire sentence, press and hold .
- To back up one menu level, briefly press .

End Key

The **End** key  is used to turn on/off your phone, disconnect calls, and return to the standby mode.

- Press and hold the  to turn on/off your phone.
- Briefly press  once to disconnect a call.
- Press  to return to standby mode from any menu.

Send Key

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

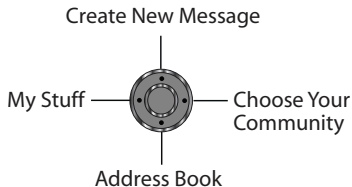
- Press  once to answer calls.
- Enter a number and briefly press  to place a call.
- Briefly press  in standby mode to display a list of recent calls to and from your phone.

- Press  twice in standby mode to call the most recent number.
- Press  to pick up a waiting call.

Navigation Key

Use the directional keys on the Navigation key to browse menus, sub menus, and lists. Press the **Up** or **Down** Navigation keys when jumping to highlighted links on the web.

Each key also acts as a shortcut to launch applications from the Idle screen.



OK Key

The  key is used as an **OK** key during many menu selection functions. It can be used to complete many of the functions instead of the soft keys. It also functions as the shutter key for the camera. When in Idle mode, press the  key to connect WAP.

Passwords

There are three types of passwords used on the handset. These are:

- **User-Defined Password:** most phone functions that require a password use a password you create and maintain. The first time you access one of these functions, you will be prompted to create the password. For any access of those functions after you have created the password, the prompt will read **"Enter Password."**
- **PIN Password:** PIN (Personal Identification Number) is a service provider set 4-digit to 8-digit password that you can change (see *"Set Phone"* on page 119.). This password is used to limit access to the handset. Any time that the PIN password is required, the prompt will read **"Enter PIN password."**
- **PIN2 Password:** PIN2 is also a service provider set 4-digit to 8-digit password that you can change, used to limit access to the handset. Any time that the PIN password is required, the prompt will read **"Enter PIN2 password."**

Important! To obtain the PIN and PIN2, please contact your service provider.

Section 3: Call Functions

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

Making a Call

- At the Idle screen, enter the area code and phone number, and press the  key.

Note: When you activate the **Auto Redial** option in the Voice Call menu, the phone automatically redials up to 10 times when the person does not answer the call or is already on the phone.

Making an International Call

1. Press and hold the  key. The + character displays.
2. Enter the country code, area code, and phone number, then press the  key.

Correcting an Entered Number

Use the following steps to correct a mis-typed entry when dialing.

- To clear the last digit displayed, press the  key.

- To clear another digit in the number, press the **Left** or **Right** Navigation key until the cursor is immediately to the right of the digit to be cleared. Press the  key.
- To enter a missing digit press the **Left** or **Right** Navigation key until the cursor is in position and enter the digit.
- To clear the entire display, press and hold the  key.
- Press the  key to return to the Idle screen.

Ending a Call

Press the  key when you want to end the call.

Redialing the Last Number

All incoming, outgoing and missed calls are listed in the Recent Calls Menu. If the number or caller is listed in your Address Book, the name associated displays.

To access the **Recent Calls** menu:

1. In Idle mode, select **Menu** → **Recent Calls**.
2. Use the **Up** and **Down** Navigation keys to scroll through the Recent Calls options. Choose from **All Calls**, **Missed Calls**, **Calls Made**, **Calls Received**, **Voice Mail**, **Speed Dial List**, **Delete All**, **Call Time**, **Data Volume**, or **Data Call Time**.

Only the **All Calls**, **Missed Calls**, **Calls Made**, and **Calls Received** have the ability to dial back or redial.

3. Highlight the number to select, and press the  key.
- or -
1. In Idle mode, press the  key to display a list of the most recent numbers used in the order you dialed or received them.
2. Use the **Up** and **Down** Navigation keys to scroll through the numbers until the number you want highlights.
3. To dial the number, highlight the number and press the  key.

Making a Call from the Address Book

You can store phone numbers that you use regularly on the SIM card or in the phone's memory. These entries are collectively called the **Address Book**.

Once you have stored a number in the **Address Book**, you can dial it by pressing a few keys using the **Speed Dial** feature.

For further details about the **Address Book** feature, see *"Finding an Address Book Entry"* on page 102.

Answering a Call

When a call is received, the phone rings and displays the caller's phone number, or name if stored in the Address Book.

1. In Idle mode, press the  key. You may set other options to answer an incoming call using the following:
 - If the **Any key** option in the **Menu → Settings → Set Calls → General → Call Answer** menu is activated, you can press any key to answer a call except for the  key.

Note: To reject an incoming call, press and hold either **Volume** key on the left side of the phone or press the **Reject** soft key. A quick press of either **Volume** key silences the ringer on an incoming call.

2. End the call by pressing the  key.

Note: You can answer a call while accessing the Address Book or other menu features. After ending the call, the phone returns to the function screen you were using.

Video Share

The Video Share feature allows you to place a call and share live or recorded video while on the call. You can initiate or receive video by using the following steps. To enable or disable Video Share, see *"Video Share Settings"* on page 129.

Initiating and Receiving a Video Share Session

1. Dial the number and press the  key.
2. Once the call is answered, if you're both capable of Video Share, the **Video Share** icon  Video Share Ready displays on both screens and the  soft key changes to **Video Share**. Press the  soft key to invite the other party to see video shot from your phone.

Important: When establishing a Video connection, the first user that actually selects the Video Share option becomes the sending phone.

"Establishing a Video Connection" displays. A message is sent to the recipient "###-###-#### Wants to Share Video With You."

3. The recipient receives a Video Share pop-up to **Accept** or **Decline** the Video Share call. To continue, press the  soft key to **Accept** or the  soft key to **Decline**.
4. If you have the Auto Record option set to **On**, a "**Recording Started**" pop-up displays that shows the memory available for the video.

Auto record records the video share session, but only when the Auto Record Video Share setting has been enabled. For more information, refer to "Video Share Settings" on page 129.

5. During a Video Share session, the following functions display as icons on the screen. Use the **Right** and **Left** Navigation key to select.

 **Stop:** select this option to stop the video share feature.

 **Brightness:** select this option to adjust the brightness for the video on the senders handset only.

 **Full Screen:** select this option to resize the picture from Landscape to Full Screen mode. Press any key to revert to Landscape. Available when receiving video only.

 **Mute:** select this option to turn the audio off.

 **Unmute:** select this option to turn the audio back on.

 **Spkr Off/On:** select this option to turn off/on the speaker.

6. To stop the video sharing, press the **Options** soft key and select the “Video Share End” option. Either party in a Video Share call may terminate the Video Share.

A pop-up message displays “**Are You Sure You Want to Stop Video Sharing?**”

7. Press the **Yes** soft key to stop. The phone then displays “**Video Sharing has been Stopped. Save the Recorded Video?**” Press the **Yes** soft key to save the video. Recorded videos are stored in the **My Stuff → Video** folder.

Video Share (In-Call)

- You can begin a Video Share call during an existing call by pressing the **Options** soft key and selecting **Video Share → Live**.

Play a Video Share Recording

During a call (while not in a Live Video Share session) you can share a recorded video with the recipient. Press the **Options** key and select **Video Share → Recorded** and then select from the available files in your **My Stuff → Video** folder. To make the connection, the recipient should press **Accept** and the video begins to play on both phones.

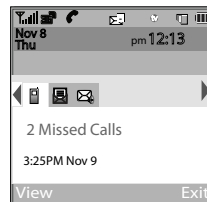
Recent Contacts

The phone stores the numbers of the calls you’ve dialed, received, or missed in the Recent Calls menu. If the number or caller is listed in your Address Book, the associated name displays.

Recent contacts also include text, multimedia messages, and e-mail messages, as well as alerts for voice mail messages.

View Tab

The View Tab is an area that only appears on the display when a call, message, or voice mail is received by the phone but not answered or viewed.



There are three tabs for **View**: Missed Calls (), Voicemails (), and Messages (). You can search through calls and messages you have not viewed by using the **Right** and **Left** navigation keys to get to the message type, then select the **View**

soft key. When you select a tab, you are viewing either the Missed Call folder or the Messaging Inbox, or calling the Voice Mail number.

Note: If you select the Voicemail icon, pressing  or the **Dial** soft key will dial the Voicemail center so that you can listen to your voice mail messages.

Viewing Missed Contacts

The number of contacts you have missed displays on the Idle screen if the phone is on. The View tab also displays when you first turn the phone on and you received calls or messages when the phone was off.

To view the call details:

1. If the phone is off, turn it on.

If you received calls, voice mail, or messages during the time the phone was off, the View Tab displays the contacts missed.
2. If you have received more than one type of missed contact, use the **Left** or **Right** Navigation key to select the type of missed contact, then press the **View** soft key. The most recently missed contact of that type (call, message, or voice mail) displays.

3. To scroll through the list of missed contacts, press the **Up** or **Down** Navigation key.
4. To move to another contact type (i.e. voice mail, text, multimedia, or e-mail messages), press the **Left** or **Right** Navigation key.

Viewing the Details of a Missed Voice Call

To view the details of a selected missed voice call:

1. Press the **View** soft key. The most recently missed call displays. To scroll through the list of missed calls, press the **Up** or **Down** Navigation key.
2. Select a missed call and press the **Options** soft key.
3. Use the Navigation keys to highlight **Details** and press the  key.

Returning Back a Missed Call

To return a missed call number:

1. Press the **View** soft key. The most recently missed call displays.
2. To scroll through the list of missed calls, press the **Up** or **Down** Navigation key.

3. Highlight the number and press the **Options** soft key and select **Call Back**, or press .

Saving a Missed Call Entry to your Address Book

To save the missed call entry to your address book:

1. Press the **View** soft key. The most recently missed call displays.
2. With the missed call selected and press the **Options** soft key.
3. Use the navigation keys to highlight **Save to Address Book** and press the  key.
4. Select the location of your Address Book:
 - **Phone:** This option allows you to save the missed number to your Address Book stored on the phone.
 - **SIM:** This option allows you to save the missed number to your Address Book stored on the SIM card.

For further details about the Address Book feature, see “*Adding a New Contact*” on page 104.

Sending a Message to a Missed Call

To send a text message or attachment to a missed call entry:

1. Immediately after missing a call, press the **View** soft key.

2. Press **Options → Send Message**. Press the  key.
3. At the “Create New Message” screen, type in your message using the alphanumeric keys.
4. Press the **Options → Add Item** to insert items such as an Image, Sound, or Video.
5. When you are done with your message, press the **Options → Send** option. You may also press the **Send To** soft key or the  key.

Note: When you select the “Add item” option, the setting automatically changes to “Multimedia Message”.

Deleting a Missed Call

To delete a missed call entry:

1. Immediately after missing a call, press the **View** soft key.
2. Press **Options → Delete**. Press the  key.

Delete has two options: Selected or All. **Selected** will delete only the entry that is actively selected; **All** will delete all entries in the Recent Calls Log.

3. At the "Delete?" prompt, press either the **Yes** soft key or the  key to confirm deletion, or the **No** soft key to cancel.
4. You can press the  key at any time to exit the Missed Call feature.

Call Time

Call time refers to the amount of time used in calls, both calls sent and calls received.

1. From the Idle Screen, press the **Menu** → **Recent Calls** and press the  key.
2. Press **Call Time** → **Select** soft key or the  key.

The following options are available.

- **Last Call Time:** shows the length of time for the last call.
 - **Total Sent:** shows the total length of time for the calls made.
 - **Total Received:** shows the total length of time for the calls received.
3. To reset the value of these counters, select the desired option and press the **Reset** soft key.

Note: If this is the first time you have attempted to reset the value of the counters, you will be prompted to create a New Password. Afterward, you will be prompted to enter the password you created.

4. Enter the password and press the **Confirm** soft key to reset the selected option.
5. Press the **Back** soft key or the  key to end.

Data Volume

Data Volume refers to the amount of data (volume) to and from the phone.

1. In Idle mode, press **Menu** → **Recent Calls** → **Data Volume** and press the  key.
2. Use the **Up** and **Down** Navigation keys to view the following information:
 - **Last Sent Data:** shows the size of the last data packet (measured in KB - kilobytes) sent by the phone since the last time this counter was reset.
 - **Last Received Data:** shows the size of the last data packet (measured in KB - kilobytes) received by the phone since the last time this counter was reset.
 - **Total Sent Data:** shows the size of the total data packet (measured in KB - kilobytes) which have been sent by the phone since the last time this counter was reset.

- **Total Received Data:** shows the size of the total data packet (measured in KB - kilobytes) which have been received by the phone since the last time this counter was reset.
3. To reset the value of these counters, select the desired option and press the **Reset** soft key.

Note: If this is the first time you have attempted to reset the value of the counters, you will be prompted to create a New Password. Afterward, you will be prompted to enter the password you created.

4. Enter the password and press the **Confirm** soft key to reset the selected option.
5. Press the **Back** soft key or the  key to end.

Data Call Time

1. In Idle mode, press the **Menu** → **Recent Calls** → **Data Call Time** and press the  key. The following options are available:
 - **Last Data Call:** shows the time used for the last data call sent or received since the last time this counter was reset.
 - **Total Data Call:** shows the total time used to send or receive data since the last time this counter was reset.
2. To reset the value of these counters, select the desired option and press the **Reset** soft key.

Note: If this is the first time you have attempted to reset the value of the counters, you will be prompted to create a New Password. Afterward, you will be prompted to enter the password you created.

3. Enter the password and press the **Confirm** soft key to reset the selected option.
4. Press the **Back** soft key or the  key to end.

Silent Mode

Silent mode is convenient when you wish to stop the phone from making noise, in a theater for example. For more information, refer to “Other Available Profiles” on page 116.

In Idle mode, press and hold the  key until the phone vibrates, and the “**Silent Profile on**” message displays on screen. Either the Silent mode icon  or Vibrate icon  displays on screen.

In Silent mode, your phone's speakers are muted. The phone vibrates and lights up the display, or just lights the display, depending on the settings of the Silent Phone Settings feature.

To exit and reactivate the previous sound settings, press and hold the  key again until “Normal Profile on” displays. The Silent mode or Vibrate icons no longer display.

Options During a Call

Your phone provides a number of control functions that you can use during a call.

Adjusting the Call Volume

During a call, if you want to adjust the earpiece volume, use the Volume keys on the left side of the phone.

Press the  key to increase the volume level and the  key to decrease the level.

In Idle mode, you can also adjust the ringer volume using these same keys.

Putting a Call on Hold

You can place the current call on hold whenever you want. You can also make another call while you have a call in progress if your network supports this service.

To put a call on hold:

1. While on a call, press the **Options** soft key.
2. Highlight **Hold** and press the  key. The call is on hold.
3. You can reactivate the call whenever you want, by pressing the **Resume** soft key.

To make a call while you have a call in progress:

1. Place the current call on hold using the previous

procedure.

2. Enter the new phone number that you wish to dial or look it up in the Address Book.
3. Press the  key to dial the second call. Once connected, both calls display on the screen.

When you have an active call and a call on hold, you may switch between the two calls, changing the one on hold to active and placing the other on hold.

To switch between the two calls:

1. Press the **Options** soft key.
2. Highlight **Swap** and press the **Select** soft key. The current call (#2) is placed on hold and the previous call on hold (#1) is reactivated so that you can continue conversing with that person.
3. Press the  key to end the currently selected call.

To end a call:

1. Press the **Options** soft key.
2. Highlight **End** and press the **Select** soft key.
3. Highlight the call you wish to end (Active Call, Held Call, or All Calls) and press the **Select** soft key.

4. Press the  key to end the remaining call.

Using the Speakerphone Key

1. During a call, press the speakerphone key .
2. Use the volume keys (located on the left side of your phone) to adjust the volume.

In Call Options

During a call, the two soft keys become call **Options** (left soft key) and **Mute** (right soft key). To access the following call options, press the **Options** soft key.

- **Mute:** Mutes the on-board microphone.
- **Video Share:** Initiates a video sharing session. Video can be Live or Recorded.
- **Hold:** Places the current call on hold.
- **New Call:** Places the current call on hold and then allows you to enter and dial another number.
- **Address Book:** Allows you to access your Address Book information.
- **Send Message:** Allows you to create and send a new Text message or Multimedia Message.
- **Calendar:** Allows you to access your calendar while still maintaining the current call.

- **Notes:** Allows you to create a note during the current phone call. This note is accessible for editing when you are no longer in the call. For further information on using Notes, see “Notes” on page 99.
- **Whisper Mode On/Off:** Increases the microphone sensitivity level so that you do not have to speak loudly to be heard by the other party. Used in quiet environments such as theaters, meetings, etc.
- **Mute Keypad Tone:** Silences/mutes the key tones when on the call.
- **Send DTMF:** Sends DTMF (Dual Tone Multi-Frequency) tones to the contacts you have selected. These DTMF tones are sent as a group. The DTMF tones are the tones used in phones for tone dialling, sounding when you press the number keys. This option is helpful for entering a password or an account number when you call an automated system, like a banking service.
- **Save to Address Book:** Allows you to add the current phone number to your Contacts list on either your Phone or SIM card.
- **End Call:** Allows you to end the current call.

If you are in a call, you can place the current call on hold by selecting the **New Call** option above. Once the additional call has been answered, the following options are available.

- **Swap:** Places the current call on hold and then activates the previous call.
- **Join:** Joins all of the calls you have established with your phone (both active and on hold) into a multi-party call.

When you want to finish, end each call normally by pressing the  key.

Muting or Sending Keypad Tones

These options allow you to turn the keypad tones off or on. If the **Mute Keypad Tone** option is selected, it allows you to press keys without hearing keypad tones during a call.

Note: To communicate with answering machines or computerized telephone systems, the **Send Keypad Tone** option must be selected.

Switching off the Microphone (Mute)

You can temporarily switch your phone's microphone off, so that the other person cannot hear you.

Example: You wish to say something to person in the room, but do not want the person on the phone to hear you.

During a call, to switch the microphone off temporarily:

1. Press the **Mute** soft key. Unmute displays.
2. Press the **Unmute** soft key to deactivate the Mute function.

Searching for a Number in the Address Book

You can search for a number in the Address Book during a call.

1. Press the **Options** soft key.

2. Press the **Down** Navigation key to highlight the **Address Book** option and press the  key.
3. Highlight the Address Book entry by using the **Up** or **Down** Navigation key.
- or -
4. Enter the first few letters of the contact into the Search field, which then highlights the closest match in the Address Book list.
5. To view the highlighted entry, press the **View** soft key.
6. Press the **Select** soft key to automatically place the active call on hold and dial the searched contact. The **New Call** pop-up screen displays. You can select this number and **Call** it or you can select the **Back** soft key to return to the Call screen.

For further details about the Address Book feature, see “*Finding an Address Book Entry*” on page 102.

Call Waiting

The Call Waiting feature allows you to answer an incoming call while you have a call in progress, if this service is supported by the network, and you have set the **Settings → Set Calls → Voice**

Call → Call Waiting menu option to **Activated**. You are notified of an incoming call by a call waiting tone.

To answer a call while you have a call in progress:

1. Press the  key to answer the incoming call. The first call is automatically put on hold.
2. To switch between the two calls, press the **Options** soft key and highlight **Swap**.

To end a call on hold:

1. Press the **Options** soft key.
2. Select **End → Held Call** or press the  key.
3. To end the current call, press the  key.

Note: Join: Joins all of the calls you have established with your phone (both active and on hold).

Swap: Places the current call on hold and then activates the previous call.

3-Way Calling (Multi-Party Calling)

The 3-Way or Multi-Party feature allows you to answer a series of incoming calls and place them on hold. If this service is supported by the network, all calls can be joined together. You are notified of an incoming call by a call waiting tone.

To answer a call while you have a call in progress:

1. Press the  key to answer the first incoming call.
2. Press the  key to answer the consecutive incoming calls. The previous call is then automatically put on hold.
3. To bring together the calls, press the **Options** soft key and highlight **Join**.
4. To end the current call, press the  key.

Section 4: AT&T Mobile TV with FLO

This section describes how to subscribe to AT&T Mobile TV with FLO™, use the Mobile TV Player, use the Program Guide, use the Subscription Manager, and set up Parental Controls.

Welcome to AT&T Mobile TV with FLO

Congratulations! You are one step closer to experiencing the next telecommunications revolution: AT&T Mobile TV with FLO.

The AT&T Mobile TV with FLO service allows you to watch an exciting lineup of live entertainment, news, sports and kids' programming from some of the most popular networks, including CBS, Comedy Central, ESPN, FOX, MTV, NBC and Nickelodeon.

In addition to offering compelling programming and the highest quality video and audio, the Mobile TV service is easy to use. After you subscribe to your service, you can start watching your favorite programs in the palm of your hand. The Program Guide is simple to use and navigate, allowing you to see what is on. The Samsung handset allows you to change from one channel to the next quickly and easily without progress bars and download delays.

What's more, watching television will not compromise the quality of the voice service you've come to expect. AT&T Mobile TV with FLO service was designed to give you a mobile TV experience unlike any other.

Using your new Samsung phone to enjoy the AT&T Mobile TV with FLO service is simple.

Important: The TV icon must be displayed on the Icon bar, indicating that you are in an AT&T Mobile TV with FLO service area before you attempt the following procedure.

1. Turn on your Samsung phone.
 2. Press the  key on your Samsung phone.
-

Note: The first time you start AT&T Mobile TV may take a few minutes.

The Welcome to AT&T Mobile TV with FLO screen displays.



Important! Programming and available networks are subject to change. Mobile TV with FLO services may require separate subscription fees. Contact AT&T for details.

To subscribe to AT&T Mobile TV

1. Choose **Subscribe Now** and press the  key.
The **Review Basic Package** screen displays.

If you choose **Subscribe Later**, you will have the opportunity anytime you launch AT&T Mobile TV and get the **Subscribe Now** option.
2. Read the basic package information and press the **Continue** soft key.

If premium content is available, the **Select Premium Package** screen displays.

3. Scroll to the premium package(s) you want to add to your basic package and press the  key.

You can choose more than one premium package at a time.
4. Press the **Continue** key when you are finished.
5. Press the **More Info** key if you need more information about a premium package.

Note: If you do not wish to select a premium package, press **Continue** after selecting the base package.

The **Terms of Service** screen displays.

6. Read the Terms of Service and if you agree, press the **Agree** soft key. Press the **Disagree** soft key if you do not agree.

You are prompted to exit the subscription process.
7. Press the **Submit** key to complete the subscription.

You are now subscribed to the package(s) you selected.
8. Press the **Close** key to return to the Player. You can start viewing content immediately.

Important! The costs of the package(s) are automatically added to your monthly bill.

9. Edit or cancel your subscription package(s) through the **Subscription** screen, accessed in the **Program Guide Options** menu.

Using the Mobile TV Player

Mobile TV Player displays scheduled programming content according to the Mobile TV with FLO service package to which you subscribe.

Important! You must be subscribed to AT&T Mobile TV with FLO service in order to use the Mobile TV player.

To launch Mobile TV Player:

1. At the Idle screen, select **Menu → TV & Video → Mobile TV**.

Note: Press the  key to quickly launch Mobile TV Player.

The Mobile TV Player launch screen displays, showing the progress of the application. Once the initialization is complete, the first channel in the list displays.

2. Press the  key to exit Mobile TV Player.

To change channels in Mobile TV Player:

- Press the **Up** and **Down** Navigation keys.

When you select a current program in the Program Guide to which you are subscribed, the Mobile TV Player displays the program.

The Mobile TV Player shows the channel logo or call letters, title of the program, duration of the program, and, if available, rating information.

You can perform the following options from the Player:

- **Guide key:** displays the Program Guide
- **Up arrow:** cycles up through channels
- **Down arrow:** cycles down through channels

Using the Program Guide

Using the program guide is simple. You can view program times and program descriptions by pressing the **Up** and **Down** Navigation keys. To view information about programs playing at a later time, press the **Right** and **Left** Navigation keys.

1. To view a current program in the Program Guide, highlight the program and press the  key.

The Program Guide includes all scheduled programming currently available with their respective channels, program titles descriptions, and show times.

If you select a channel that is not currently included in your subscription package, you can add that programming package immediately by following the prompts on your phone.

2. Press the **Options** soft key to display the menu and perform tasks from the Program Guide.
3. Scroll to the desired option and press the  key.

View description

- From the **Options** menu, select **View description** to view a description of a program you highlighted in the Program Guide.

Subscription manager

- From the **Options** menu, select **Subscription manager** to manage your subscription. While in the subscription screen, press the **Options** key to display the subscription menu.

Parental controls

- From the **Options** menu, select **Parental controls** if you wish to limit access to certain rated programs.

To set Parental Controls:

1. Turn **Parental Controls** on.
2. Set up a PIN for the service.
3. Select the rating levels for the service.

After you perform these tasks, the service assesses a program's rating before it allows program viewing.

Programs with restricted ratings require the PIN you set up to view the program.

Note: You must turn parental controls on before the ratings criteria can take effect.

When a program is selected that exceeds the rating you set

- Enter the PIN you selected at the prompt.

Note: If you do not enter the correct PIN, you cannot view or listen to the program.

To allow viewing only of this program:

- Enter your PIN at the prompt. The program is now available for viewing.

Note: After you set up the PIN, you must enter the PIN to remove or add programming packages to your subscription.

Important! Keep the PIN in a safe place. Do not share your PIN with unauthorized third parties. If you forget your PIN, call AT&T customer service for assistance.

Check for updates

- From the **Options** menu, select the **Check for updates** option to see if there is an updated version of AT&T Mobile TV with FLO service available for your phone.

Refresh subscription

- From the **Options** menu, select the **Refresh subscription** option if you believe your subscription is out of sync.

Tip: You can sync your subscription if you have more than one AT&T Mobile TV-enabled phone, and you want to swap the SIM card.

When you refresh your subscription, AT&T Mobile TV with FLO service checks your records to verify that you are receiving the correct package.

About

- From the **Options** menu, select the **About** option to display the

current version of AT&T Mobile TV with FLO operating on your phone.

Want more?

For more information about AT&T Mobile TV with FLO and for current programming, go to www.att.com/mobiletv.

Section 5: Cellular Video

Your phone is equipped with a WAP (Wireless Application Protocol) browser which allows you to access the Internet and upload media files directly to your phone. These media files display using the built-in Media Player.

Cellular Video (CV) is a media service which allows you to not only navigate to your favorite web sites but stream media content (Weather, News/Sports highlights, etc.) directly to your phone.

1. At the Idle screen, select **Menu → TV & Video → Cellular Video** and press the  key. You are then taken to your default Cellular Video homepage.

This homepage provides you with several sections of accessible content:

- **My Favorites:** allows you to choose from some recently uploaded video clips from media providers.
- **Video Categories:** provides some general content categories from which to begin searching for media.
- **Customize Cellular Video:** allows you to access the Cellular Video Settings menu where you can configure most of the settings associated with Cellular Video.

- **Parental Control:** provides you with settings which can be configured to restrict certain media content from being displayed on the phone.
 - **Media Net:** exits from the Cellular Video application and launches the MEdia Net homepage.
 - **Help:** provides basic on-line assistance which answers most of the common issues users come across while using this feature.
2. Highlight the desired media clip or select from one of the available categories and press the  key.

Cellular Video Options

1. At the Idle screen, select **Menu → TV & Video → Cellular Video** and press the  key.
2. From the main Cellular Video homepage, press the **Options** soft key to use one of the following options:
 - **Go:** lets you navigate Forward (next sequenced web page) or Backward (to the previously visited web page) through pages in your browsing history.
 - **Reload:** reloads the current page with any updated information that is available.
 - **Smart-Fit/Desktop View:** changes the display mode of the browser Smart-Fit sizes the display to fit the display area.

- **Page Size:** change the page size of the displayed web page using a scale tool.
- **Go to Homepage:** takes you back at any time to the homepage of the Wireless Web service provider.
- **Add to Favorites:** bookmarks the current page and marks it as a favorite site.
- **View Favorites:** accesses and displays the bookmarks assigned as favorite web pages.
- **Send URL via:** send the URL of the current page via either a message or to another party via a Bluetooth device.
- **Enter URL:** allows you to manually enter the URL address of a WAP site. After entering an address, press the OK soft key to go there directly.
- **Copy URL to Message:** send the URL of the current page to another party as a message.
- **Save:** saves either the image of the current web page or the current page itself.
- **Saved Pages:** access the list of web pages you have saved.
- **History:** displays the list of web pages you have recently accessed.
- **Advanced:** allows you to change the following settings for the browser.
 - **Clear Caches:** deletes the information stored in the cache. The cache stores the most recently accessed pages.
 - **Empty Cookies:** delete cookies. Cookies are pieces of personal information sent to a web server while navigating the web.

- **Cookie Options:** allows you to set whether to accept all cookies, reject all cookies, or prompt for accept or reject.
- **Preferences:** changes the settings for the web browser to suit your preference.
- **Certificates:** accesses certificate information from your phone.
- **Page Details:** displays the properties for the currently active web page.
- **Browser Settings:** selects a connection profile to be used when connecting to the Internet.
- **About Browser:** displays the access version and copyright information about the browser.

Media Clip Options

With the media currently active on the phone (either playing or paused), press the **Options** soft key to open a list of the following streaming media options.

Tip: Within the clips listed in the My Favorites section of your main CV homepage, highlight the description and then press the  key to begin the stream.

Pause/Resume

This feature allows you to toggle the state of the current video between being **Paused** or **Resuming** playback.

Stop

The feature stops the current media, exits the media player and returns you to the main Cellular Video homepage.

Jump to track time

This feature pauses the current media content and displays a “Jump to track time” pop-up which allows you to enter an Hour, Minute, and Second value which corresponds to the media’s timeline.

If, as an example, the content is three minutes long, entering a value of: 00:01:30, would cause the Media Player to begin replaying the content from its half-way point.

1. Use your keypad to enter a value for the Hour, Minute, and Seconds.
2. Press the **Jump** soft key to cause the Media Player to resume playback at that value on the clip’s timeline.
- or -
3. Press the **Cancel** soft key to go back to your media clip and resume playback from its previous location.

Properties

Displays a Media Player window which gives file specific information such as title, and Duration.

Settings

This feature pauses the content and navigates you to the **Player Settings** menu where you can configure the Media Player’s settings.

1. Use the **Up** or **Down** Navigation key to increase/decrease the current volume setting for the player while in Full Screen mode or Normal View mode. Use the **Right** or **Left** Navigation key to fast forward or rewind in the video clip.
2. Press the **Save** soft key to save your changes
- or -
3. Press the **Back** soft key to resume your media playback without saving your changes.

Cellular Video Settings

This feature allows you to configure the current server profile being used by the  key to access the on-board WAP. For more information, refer to “*Changing the WAP Profiles*” on page 66.

Full Screen/Normal View Mode

This option allows you to set the video to be viewed in Full Screen mode or in the Normal View mode. The default mode is Normal View.

Using the Video Categories

This grouping of media categories provides access to an additional listing of streaming media. Where the previous Favorites list of media stream can be user edited and updated, this list of categories is defined by Cellular Video's homepage and can not be changed.

Viewing a Video Clip

1. At the Idle screen, select **Menu → TV and Video → Cellular Video** and press the  key.
2. Use the **Up** or **Down** Navigation key to highlight the video clip from within the Favorites section and press the  key.
3. After the stream is buffered into memory, you can choose to either **Pause** or play the content. Pressing the  key toggles the **Play** and **Pause** functionality.

Customizing Cellular Video

Updating the Favorites List

The list of media providers which display in the Favorites section of the Cellular Video homepage can be edited and changed by the user.

1. At the Idle screen, select **Menu → TV and Video → Cellular**

Video and press the  key.

2. Use the **Up** or **Down** Navigation key to highlight the **Edit** button from the upper-right of the homepage (adjacent to the My Favorites title) and press the  key.
3. From **Customize Cellular Video → Options → Edit My Favorites**, press the  key.
4. Navigate to the **Add to Favorites** section of the page and highlight one the additional streaming media channels which are not currently in your Favorites list (ex: Cartoon Network).
5. Press the **Options** soft key. Highlight **Add to Favorites** and press the  key.

Adding a Video Alert

When new media is available for upload to your phone (such as breaking news), you can set your phone to notify you of the new available content.

1. At the Idle screen, select **Menu → TV and Video → Cellular Video** and press the  key.

2. Use the **Up** or **Down** Navigation key to highlight the **Customize Cellular Video** button from the bottom of the homepage and press the  key.
3. From **Customize Cellular Video** → **Options** → **My Video Alerts**, press the  key.
4. Navigate to the **Add to My Alerts** section of the page and highlight one the available services (ex: Breaking News).
5. Select **Options** → **Add to Favorites** and press the  key.

My Purchases

The Cellular Video homepage can be used to shop for streaming multimedia content. The My Purchases section can help keep track of your purchase history and view any new resale products.

1. At the Idle screen, press the **Menu** → **TV and Video** → **Cellular Video** and press the  key.
2. Use the **Up** or **Down** Navigation key to highlight the **Customize Cellular Video** button from the bottom of the homepage and press the  key.
3. From **Customize Cellular Video** → **My Purchases**, press the  key.

4. Highlight **Purchase History** and press the  key. This provides you with an on-screen listing of your “to date” purchase history for media content.
5. Highlight **My Account** and press the  key. This provides you with an on-screen description of your account details.

Parental Controls

Your phone can be configured to block both purchased and streamed media content. Before filtering, you must first establish a PIN and password, and a contact e-mail address. Once those have been established, you have two available filter options: Content Filters and Purchase Blocker.

- **Content Filtering:** let you restrict access to inappropriate content both on and outside of Media Net.
- **Purchase Blocking:** lets you restrict the ability to buy ringtones, downloads, games, etc., from this phone.

Setting up Parental Control

1. At the Idle screen, press the **Menu** → **TV and Video** → **Cellular Video** and press the  key.
2. Use the **Up** or **Down** Navigation key to highlight the **Customize Cellular Video** button from the bottom of the homepage, and press the  key.

3. From **Customize Cellular Video** → **Options** → **Parental Controls**, press the  key.
4. Highlight the **OK** button and press the  key to access the MEdia Net parental setup fields.
5. From the Parental Control Setup screen, use your keypad to enter information into the following fields: **PIN Code**, **Re-enter PIN code**, and **contact email address**.
6. Use the Navigation keys to highlight the **Save** button and press the  key. Allow a few minutes for your information to be received and accepted by MEdia Net. You can then use this information to activate the parental filters.
4. When prompted, enter the PIN and e-mail address which was registered with MEdia Net in the previous section.
5. Highlight **Content Filters** and press the  key.
6. Highlight the **On** button and press the  key to toggle the **On/Off** state.
7. Highlight **Purchase Blocker** and press the  key.
8. Highlight the **On** button and press the  key to toggle the **On/Off** state.
9. Press the **Back** soft key or the  key. This activates the filters.

Configuring the Filters

1. At the Idle screen, press the **Menu** → **TV and Video** → **Cellular Video**, and press the  key.
2. Use the **Up** or **Down** Navigation key to highlight the **Customize Cellular Video** button from the bottom of the homepage and press the  key.
3. Highlight the **OK** button and press the  key.

Section 6: Entering Text

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

Text Input Modes

The Text Input option switches the key entry functions from an T9 Alphabet, ABC (Alphabet), Numeric Mode, and Symbols Mode.

T9 Input Method (T9 abc, T9 Abc, and T9 ABC)

This input method allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter; for example, pressing the  key can enter J, K, or L. However, the T9 method automatically compares the series of keystrokes you make with an internal linguistic dictionary to determine the most likely word, thus requiring far fewer keystrokes than the traditional Alphabet mode. The T9 abc method makes all characters lowercase. The T9 Abc method makes the initial character an uppercase while the remaining characters are left as lowercase. The T9 ABC method makes all characters uppercase.

- ▶ To select the T9 Input method, select **Menu → Messaging → Create New Message → Options → Input Method**.

ABC (Alphabet) Input Method (Abc, abc, and ABC)

This input method allows you to enter letters by pressing the key labeled with the letter you want. Press the key once, twice, three, or four times until the correct letter displays. The Abc mode makes only the initial character of the word uppercase. The abc method makes all characters of the word lowercase. The ABC method makes all characters of the word uppercase.

- ▶ To select the Alphabetic method, select **Menu → Messaging → Create New Message → Options → Input Method**.

Numeric

This mode allows you to enter numbers.

- ▶ To select the Numeric Input method, select **Menu → Messaging → Create New Message** and press the  key until the numeric input () displays on the top line of the message input screen.

Symbols

This mode allows you to enter symbols, such as punctuation marks.

- ▶ To select the Symbolic input method, select **Menu → Messaging → Create New Message**, and press and hold the  key until the symbol grid displays on the message input screen.

Changing the Text Input Mode

When you are in a field that allows characters to be entered (such as in a text message), the input mode indicator displays on the screen.

1. To change the input mode from within a text or multimedia message, press the **Options** soft key.
2. Highlight **Input Method** and press the  key. The default mode is **Abc**.
3. Choose from the following options:

- abc** input is in all lowercase
- Abc** input is in initial capitalization
- ABC** input is in all uppercase

- T9** Predictive Text: input method is based on a built-in dictionary.
- T9 abc** Predictive Text: completed words are all lowercase.
- T9 Abc** Predictive Text: completed words are all initial capitalization.
- T9 ABC** Predictive Text: completed words are all uppercase.
- Numeric** input is in all numeric format.
- Symbols** activates the Symbols grid for you to select your input.

4. You may also access Symbol mode by pressing and holding the  key. Press the number key corresponding to the symbol you want to enter. Use the **Up** and **Down** Navigation keys to scroll through the available symbols. Press the **Cancel** soft key to exit.

Using the T9 Input Method

T9 Predictive Text input method is based on a built-in dictionary.

Enter a Word in T9 Mode

1. In T9 method, begin entering a word by pressing the through keys. Press each key only once for each letter. The built-in dictionary lists words that match the keystrokes you have entered.

Example: To enter "Hello", press



The word that you are typing displays on the screen. It may change with each key that you press.

2. Enter the whole word before editing or deleting the keystrokes.
3. When the word displays correctly, go to step 4.

If the word doesn't display correctly, press the key to display alternative word choices for the keys that you have pressed.

Example: Both "Of" and "Me" use the and keys. The phone displays the most commonly used choice first.

4. Insert a space by pressing the key and start entering the next word.

Add a New Word into the T9 Dictionary

1. After pressing the keys corresponding to the word you want to add, press the key to display the alternative words.
2. When the last alternative word displays, **Spell** displays. Press the **Spell** soft key.
3. Enter the word you want to add using the ABC mode.
4. Press the **Add** soft key or the

The word is added to the T9 dictionary and becomes the first word for the associated keypress series.

Note: This feature may not be available for some languages.

- To enter periods, hyphens, colons, or parenthesis, press and hold the key to access the symbols popup menu.
- T9 mode applies grammar rules to ensure that correct punctuation is used.

- To shift case in T9 mode, use the  key. There are 4 cases: Initial capital, Capital lock, Lower case, and Numeric.
- You can move the cursor by using the **Left** and **Right** Navigation keys. To delete letters, press the  key. Press and hold the  key to clear the display.

Using the Alphabet Input Method

To use the ABC Alphabet input method use the  through  keys to enter your text.

1. Press the key labeled with the letter you want:
 - Once for the first letter
 - Twice for the second letter
 - And so on
2. Select the other letters in the same way.

Note: The cursor moves to the right when you press a key. When entering the same letter twice or a different letter on the same key, just wait for a few seconds for the cursor to move to the right automatically, and then select the next letter.

Keys

	. , ' - ? ! @ : / 1
	A B C Ä Å Æ Ç 2 a b c ä å æ ç 2
	D E F É Δ Φ 3 d e f è é é Φ 3
	G H I Γ 4 g h i i Γ 4
	J K L Λ 5 j k l Λ 5
	M N O Ñ Ö Ø Ω 6 m n o ñ ö ø Ω 6
	P Q R S Π Σ Ψ 7 p q r s β Σ Ψ 7
	T U V Ü Θ 8 t u v ü ð 8
	W X Y Z Ë 9 w x y z Ë 9
	+ = < > € £ \$ % & ¥ ¢ 0

Using the Symbols Input Method

The Symbol input method enables you to insert symbols and punctuation marks into text.

1. To enter symbol mode press and hold the  key.
2. Use the Navigation keys to select an on-screen symbol group.

3. To select a symbol from that group, press the corresponding number key.
4. To clear the symbol(s), press the  key. When the input field is empty, this key returns the display to the previous mode.
5. To return to your message, press the **OK** soft key or the  key.

Using the Numeric Input Method

The Numeric mode enables you to enter numbers into a text message. To enter Numeric input mode, press the  key until **123** displays in the input method. Press the keys corresponding to the digits you want to enter.

Section 7: Messaging

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

Types of Messages

Your phone provides the following message types:

- IM Messages
- Mobile Email
- Text Messages
- Multimedia Messages

Display Icons for Messages

When new messages are received on your handset, icons appear in two locations on the phone display: in the View Tab that appears on your screen, and in the icon bar at the top of the display (see *"Display Layout"* on page 14.).

For more information on the View Tab, see *"View Tab"* on page 23.

Message Icons on the Icon Bar

On the icon bar at the top of the display, a new voice mail is indicated by the  icon. A new text message is indicated by the  icon. A new multimedia message is indicated by the  icon.

Message Icons in the Inbox

Within the Inbox, the Text Message icon () displays in the Messaging Inbox when you have received new text messages and saved it to the SIM. The Text Message icon () displays when the message has been saved to the Phone. When the memory is full, an error message displays and you cannot receive any new messages. Use the **Delete** option in each message box to delete obsolete messages.

The Multimedia Message icon () displays when you have received new multimedia messages. When the memory is full, an error message displays and you cannot receive any new messages. Use the **Delete** option in each message box to delete Multimedia messages.

Creating and Sending Text Messages

The Short Message Service (SMS) allows you to send and receive short text messages to and from other mobile phones. To use this feature, you must subscribe to your service provider's message service.

Creating a New Text Message

1. At the Idle screen, press **Menu** → **Messaging** → **Create New Message**, and press the  key. You may also press the **Up** Navigation key to go directly to the Create New Message screen.
2. Enter either a phone number or contact name (from your Address Book) by pressing the  key to access both a list of recent calls and your Address Book Contacts and Groups.
 - **Recent Log:** allows you to choose from a brief list of recent contacts. Press the  key to add a selected number to your message's recipients list field. This entry can later be appended prior to sending the message.
 - **Contacts:** allows you to insert additional recipients from your Address Book by using your **Up** and **Down** Navigation keys to select those entries you wish to add.
 - Press the  key to place a check mark next to those entries.

— Once you have selected the desired entries, press the **Done** soft key to return to the message.

- **Groups:** allows you to insert additional Group members from your Address Book by using your **Up** and **Down** Navigation keys to select those entries you wish to add.
3. Use the **Down** Navigation key to access the text field and begin creating your text message.
 4. Press the **Options** soft key when you have finished writing your message. Choose from the following options:
 - **Send:** allows you to send the message.
 - **Text:** allows you to highlight the text inserted, then set the Text Selection on or off, Cut previously entered text, Copy text, or Remove text before sending.
 - **Add Item:** allows you to add an image, sound or video clip to your message.

Note: If you add an image, sound clip, or video clip to your message, the message is sent as a Multimedia Message.

- **Create Item:** allows you to temporarily exit from the current text message and create either a new photo, video clip, or audio clip for your current text message.
 - **Take Photo:** allows you to temporarily exit the message, take a photo with phone's camera, and then add it to your message.

- **Record Audio:** allows you to temporarily exit the message, record an audio clip using the phone's microphone, and then add it to your message.
- **Record Video:** allows you to temporarily exit the message, record a video clip using the phone's camera, and then add it to your message.
- **Insert:** allows you to insert a predefined Text template, Text emoticon, Address Book, or favorite web address into the message.
 - **Text Template:** allows you to insert one of the preset message templates to the text, such as Out of Office, I'm in a meeting..., etc.
 - **Text Emoticon:** allows you to add an a emotion (created by phone characters) to your message. An example would be: ☺ which creates a "happy face".
 - **Address Book:** allows you to add contact information for an entry from your Address Book directly to your message.
 - **Favorites:** allows you to add a web address from your Favorites list of Internet sites to the message.
- **Add Recipients:** allows you to update the recipient list by appending it with information from either your Recent Log, Contacts, or Groups entries.
- **Change to Multimedia Message:** allows you to convert the current message to/from either a text or multimedia message prior to being sent.

Note: A multimedia message should only be sent to a phone which can support the receipt and display of this message type.

- **Input Language:** allows you to temporarily change the input language used to create your message.
- **Input Method:** allows you to change the method used to input data into your message, such as text, numbers, and symbols. For more information, refer to *"Entering Text"* on page 43.
- **Add Attachment:** allows you to add either a file, card, or other information such as a calendar entry, task, or note.
 - **File:** allows you to insert an audio, graphic, or video clip to your message as an attached file.
 - **Business Card:** allows you to insert the contact information for an entry from Address Book directly to your message as an attached file.
 - **Appointment:** allows you to insert an Appointment entry from your calendar directly to your message as an attached file.
 - **Anniversary:** allows you to insert an Anniversary entry from your calendar directly to your message as an attached file.
 - **Private:** allows you to insert a Private entry from your calendar directly to your message as an attached file.
 - **Holiday:** allows you to insert a Holiday entry from your calendar directly to your message as an attached file.
 - **Important:** allows you to insert an entry from your calendar tagged as Important directly to your message as an attached file.
 - **Tasks:** allows you to insert an entry from your calendar tagged as a Task directly to your message as an attached file.
 - **Notes:** allows you to insert a preserved Note (text) directly to your message as an attached file.

- **Favorites:** allows you to add a web address from your Favorites list of Internet sites as an attachment to the message.
 - **Sending Options:** allows you to save a copy or adjust your Text Message Center Settings.
 - **Save to Drafts:** allows you to save the message to the Drafts folder.
 - **Save as Template:** allows you to save the message as a text template.
 - **Back:** allows you to return to the active message.
5. Press the **Send To** soft key and confirm the recipient(s). You can add additional recipients from your Address Book by selecting one of the **Empty** fields and pressing the  key.
 - Add additional recipients from your Address Book by using your **Up** and **Down** Navigation keys to select those entries you wish to add.
 - Press the  key to place a checkmark next to those entries.
 - Once you have selected the desired entries, press the **Done** soft key to return to the previous list of Recipients.
 6. Send the message to the selected recipients by pressing the **Send** soft key. You may also use the **Options** soft key to select **Save to Draft**.

Creating and Sending Multimedia Messages

The Multimedia Messaging Service allows you to send and receive multimedia messages to and from other mobile phones.

To use this feature, you must subscribe to your service provider's multimedia message service.

1. At the Idle screen, select **Menu → Messaging → Create New Message**, and press the  key. You may also press the **Up** Navigation key to go directly to the Create New Message screen.
2. Enter either a phone number or contact a contact name (from your Address Book) by pressing the  key to access both a list of recent calls and your Address Book Contacts and Groups.
 - **Recent Log:** allows you to choose from a brief list of recent contacts. Press the  key to add a selected number to your message's recipients list field. This entry can later be appended prior to sending the message.
 - **Contacts:** allows you to insert additional recipients from your Address Book by using your **Up** and **Down** Navigation keys to select those entries you wish to add.
 - Press the  key to place a checkmark next to those entries.
 - Once you have selected the desired entries, press the **Done** soft key to return to the message.
 - **Groups:** allows you to insert additional Group members from your Address Book by using your **Up** and **Down** Navigation keys to select those entries you wish to add.

3. Use the **Down** Navigation key to access the text field and begin creating your message.
4. Select **Options** → **Change to Multimedia Message** and press the  key.

Note: A multimedia message should only be sent to a phone which can support the receipt and display of this message type.

5. Add an Image, Sound, or Video clip directly into your message by pressing the **Options** soft key and selecting from one of the following options:
 - **Send:** allows you to send the message.
 - **Preview:** allows you to preview your message prior to being sent.
 - **Text:** allows you to enter, cut, copy, and remove text from your message prior to being sent.
 - **Add Item:** allows you to add an image, sound or video clip to your message.
 - **Create Item:** allows you to temporarily exit from the current text message and create either a new photo, video clip, or audio clip for your current text message.
 - **Take Photo:** allows you to temporarily exit the message, take a photo with phone's camera, and then add it to your message.

- **Record Audio:** allows you to temporarily exit the message, record an audio clip using the phone's microphone, and then add it to your message.
- **Record Video:** allows you to temporarily exit the message, record a video clip using the phone's camera, and then add it to your message.
- **Insert:** allows you to insert a predefined Text template, Text emoticon, Address Book entry, or favorite web address into the message.
 - **Text Template:** allows you to insert one of the preset message templates to the text, such as Out of Office, I'm in a meeting..., etc.
 - **Text Emoticon:** allows you to add an emotion (created by phone characters) to your message. An example would be:  which creates a "happy face".
 - **Address Book:** allows you to add the information for an entry from your Address Book directly into your message.
 - **Favorites:** allows you to add a web address from your Favorites list of Internet sites to the message.
- **Add Recipients:** allows you to update the recipient list by appending it with information from either your Recent Log, Contacts, or Group entries.
- **Change to Text Message:** allows you to convert the multimedia message back to a text-based message which deletes the attached multimedia files
- **Add Page:** allows you to add a text page to your multimedia message.

- **Input Language:** allows you to change the language used for the message text.
 - **Input Method:** allows you to change the method used to input data into your message, such as text, numbers, and symbols. For more information, refer to *“Entering Text”* on page 43.
 - **Edit Style:** allows you to edit the style of your outgoing message with option such as: Select page, Background Color, Page Duration (for embedded media), Font Color, and Font Style.
 - **Add Subject:** allows you to add a subject header to your multimedia message.
 - **Add Attachment:** allows you to add either a file, card, or other information such as a calendar entry, task, or note.
 - **File:** allows you to insert an audio, graphic, or video clip to your message as an attached file.
 - **Business Card:** allows you to insert the contact information for an entry from Address Book directly to your message as an attached file.
 - **Appointment:** allows you to insert an Appointment entry from your calendar directly to your message as an attached file.
 - **Anniversary:** allows you to insert an Anniversary entry from your calendar directly to your message as an attached file.
 - **Private:** allows you to insert a Private entry from your calendar directly to your message as an attached file.
 - **Holiday:** allows you to insert a Holiday entry from your calendar directly to your message as an attached file.
 - **Important:** allows you to insert an entry from your calendar tagged as Important directly to your message as an attached file.
 - **Tasks:** allows you to insert a Task directly to your message as an attached file.
 - **Notes:** allows you to insert a presaved Note (text) directly to your message as an attached file.
 - **Favorites:** allows you to add a web address from your Favorites list of Internet sites as an attachment to the message.
 - **Sending Options:** allows you to configure the options associated with sending the message.
 - **Save to Drafts:** saves the current message to the Drafts folder.
 - **Save as Template:** allows you to save the current text message or multimedia message to the current list of preset message templates, such as Out of Office, I'm in a meeting..., etc.
 - **Back:** allows you to return to the active message.
6. Press the **Send To** soft key and confirm the recipient(s). You can add additional recipients from your Address Book by selecting one of the Empty fields and pressing the  key.
- Add the additional recipients from your Address Book by using your **Up** and **Down** Navigation keys to select those entries you wish to add.
 - Press the  key to place a checkmark next to those entries.
 - Once you have selected the desired entries, press the **Done** soft key to return to the previous list of Recipients.

7. Send the message to the selected recipients by pressing the **Send** soft key. You may also use the **Options** soft key to select **Save to Drafts**.

Locating a Message

- In Idle mode, press the **Menu → Messaging → Inbox** and press the **Select** soft key. The message list opens.

Retrieving a Text Message

Within the Inbox, the Text Message icon () displays in the Messaging Inbox when you have received new text messages and saved it to the SIM. The Text Message icon () displays when the message has been saved to the Phone.

1. To view a message, select **Menu → Messaging → Inbox** and press the **Select** soft key. The message list opens.
2. Use the **Up** or **Down** Navigation keys to select the message.
3. Press the  key to open the message.
4. Press the  key to return to Idle mode when you are finished.

Retrieving a Multimedia Message

When a new Multimedia message comes in, the display in the Inbox shows a new Multimedia Message notification icon () along with the available sender's information.

1. To view a message, select **Menu → Messaging → Inbox** and press the **Select** soft key. The message list opens.
2. Use the **Up** or **Down** Navigation keys to select a message from the list.
3. To review the multimedia message, press the  key. If a video clip is a part of the message, the following options can be used:
 - To pause the audio/video clip, press the  key.
 - To stop the audio/video clip press the **Stop** soft key.
4. To scroll through the message (if additional pages have been added), press the **Up** or **Down** Navigation key.
5. Select **Options → Properties**, and press the  key to view brief information about the message, such as the sender's number, the message size, and the subject.
6. Press the  key to return to Idle mode when you are finished.

Using Message Options

While viewing the content of a message, press the **Options** soft key to access the following message options:

Options for SMS Messages

- **Reply:** allows you to reply to the message via Text message.
- **Forward:** allows you to forward the message.
- **Call Back:** allows you to dial the originating message number.
- **Delete:** deletes the message.
- **Move to Phone/Move to SIM:** If a message is stored in the SIM card, it is saved to the phone's memory. If a message is stored in the phone's memory it is then saved to the SIM card.
- **Save to Address Book:** allows you to save the recipient or sender's information from the message to your Address Book on either the Phone or SIM.

Note: When storing an Address Book entry into the SIM card, notice that only the Name, Address, Group, and Slot location are initially displayed. To save additional information for a particular contact, such as other phone numbers, or e-mail, it is important to add new information fields to that Contact.

Important!: It is important to remember that if you move the SIM card to another phone that does not support additional fields on the SIM card that the additional information may not be available.

- **Save as Template:** allows you to save the message as a text template.

- **Print via Bluetooth:** allows you to print the message content wirelessly to a target Bluetooth-compatible printer.

Options for Multimedia Messages

- **View/Play:** allows you to view or play the multimedia message.
- **Reply:** allows you to reply to the message.
- **Reply to All:** allows you to reply to the all recipients of the message.
- **Forward:** allows you to forward the message to another person.
- **Call Back:** allows you to dial the originating message number.
- **Delete:** allows you to delete the selected or all messages.
- **Move to My Folder:** moves the message to the phone's My Folder location.
- **Save as Template:** saves to the message as a template for this message type. This template can be used to save time during the creation of the next similar message.
- **Save Items:** saves the multimedia content to the My Stuff folder.
- **Save to Address Book:** allows you to save the recipient or sender's information from the message to your Address Book on either the Phone or SIM.
- **Print via Bluetooth:** allows you print the contents of the message on a Bluetooth compatible printer.
- **Lock:** locks the message.
- **Properties:** displays some of the file properties for the message such as: sender, date/time, file size, priority, etc.

Using Instant Messenger (IM)

The Instant Messenger function allows you to send and receive instant messages using AIM, Windows Live, and Yahoo communities. You must first create a default community account before accessing it on your phone.

Default Community Settings

To access your default community session settings:

1. At the Idle screen, press the **Menu** → **Messaging** → **IM**, and press the  key.
2. Select **Settings** and press the  key.
3. Select **Choose Your Community** and press the  key. This is the service that loads when you press the IM soft key.
4. Use the Navigation keys to highlight your option, and press the  key to save your selection.

Signing into Your IM Account

Although each account type differs, the initial sign in procedure is common to all supported types. Before beginning the sign in procedure, you must complete the previous procedures for selecting your default IM Community.

1. At the Idle screen, select **Menu** → **Messaging** → **IM** → **Sign**

In/On, and press the  key.

2. Use the Navigation keys to select each log in field and then use the keypad to enter the appropriate information.
3. Select **Options** → **Sign In/On**, and press the  key.

Signing into Your Mobile Email

Take your e-mail with you! With Mobile Email you can check your Yahoo!® Mail, AOL®, AIM, Windows Live Mail, AT&T Yahoo!®, BellSouth, and other providers quickly and easily.

1. At the Idle screen, press the **Menu** → **Messaging** → **Mobile Email**, and press the  key.
2. Use the Navigation keys to select an e-mail carrier of your choice and press the  key.
3. Use the Navigation keys to select which domain your personal account uses (e.g., "@hotmail.com") and press the  key.
4. Type in your personal Email address (e.g., "silverfox2"), then enter your account's Password and press the **Sign In/On** soft key. You are connected to your account's Inbox and contacts, where you can send and receive e-mails.

Using Message Templates

Your phone has message templates (both SMS and MMS) which allows you to retrieve them when creating a message. You can change the templates as your preferences or send a message immediately.

1. At the Idle screen, select **Menu → Messaging → Templates**, and press the  key.
2. Highlight a template type (Text or Multimedia) and press the  key.
3. Use the **Up** or **Down** Navigation keys to select a current template message and press the **Options** soft key to access the following options:
 - **Edit**: allows you to change the currently selected template.
 - **Insert to Message**: allows you to insert the selected template into a new text message.
 - **Add New**: allows you to add a new the template.
 - **Delete**: deletes the currently selected template or all templates.
4. Press the  key to return to Idle mode when you are finished.

Deleting Messages

You can delete the messages in each message folder(s) individually or all at one time. You can also delete all of your messages at one time.

1. At the Idle screen, select **Menu → Messaging → Delete All**, and press the  key.
2. Using the **Up** or **Down** Navigation keys to select the message folder(s) you want to empty.
3. Press the  key to mark the folder you want to delete.
 - **All**: allows you select all of the list items and mark each one for content deletion.
 - **Inbox**: allows you select the your Inbox folder and mark its files for deletion.
 - **Sent**: allows you select the your Sent folder and mark its files for deletion.
 - **Outbox**: allows you select the your Outbox folder and mark its files for deletion.
 - **Drafts**: allows you select the your Drafts folder and mark its files for deletion.
 - **My Folder**: allows you select the your My Folder and mark its files for deletion.

To view the contents in each folder, use the **Right** key to display the folder's contents or use the **Left** key to close the folder's contents.

4. To delete all of the messages in all folders, select **All**.
5. Press the **Delete** soft key. At the "Delete?" pop-up, press the **Yes** soft key or the  key to delete.
6. Press the  key to return to Idle mode when you are finished.

Messaging Settings

You can set up various options for using messaging services.

1. At the Idle screen, select **Menu → Messaging → Messaging Settings**, and press the  key.
2. Select the type of messages that you want to change settings.
 - **Text Message**
 - **Multimedia Message**
 - **Voice Mail**
 - **Push Message**
 - **Broadcast* (SIM-dependent)**
3. Press the  key.

Text Message

The following options are available:

- **Sending Options:** allows you to set the following options:
 - **Keep a Copy:** allows you to keep a copy of your sent messages.
- **Text Message Center Settings:** allows you to set the default method of text message transmission used by the Text Message Center. The options are:
 - **SMS Settings:** allows you to configure the text delivery parameters used when sending this type of message.
 - **Email Settings:** allows you to configure the Email parameters used when sending this type of message.
 - **Empty:** allows you to configure a new Text Message Center profile for use when sending this type of message.

Multimedia Message

The following options are available:

- **Sending Options:**
 - **Priority:** you can select the priority level of your messages.
 - **Expiration:** select the length of time you wish the message you sent to remain on the MMS server.
 - **Delivery:** you can set a time delay before the phone sends your messages.
 - **Size:** you can set the maximum allowed size for a multimedia message.
 - **Request Delivery Report:** when this option is enabled, the network informs you whether or not your message was delivered.

- **Request Read Report:** when this option is enabled, your phone sends a request for a reply along with your message to the recipient.
- **Keep a Copy:** you specify whether you want to keep a copy of the sent messages on your phone.
- **Add My Business Card:** you send your content information along with your sent messages.
- **Receiving Options:** you can specify the category of messages you want to receive. Allows you to set the following:
 - **Download Type:** allows you to set the message receipt options. Choose from Auto Download, Manual, or Reject.
 - **Send Delivery Report:** when this option is enabled, the phone allow the network report to the sender whether or not the message was delivered.
 - **Send Read Report:** when this option is enabled, your phone sends a notification back to the recipient indicating that your message was read.
 - **Reject Anonymous:** allows you to automatically reject messages with a category of anonymous.
 - **Reject Advertisement:** allows you to automatically reject messages with a category of advertisement.
- **Multimedia Message Profiles:** you can select a connection profile which is then used for sending and receiving Multimedia messages.
 - **MMS Profiles:** allows you to select an option for sending a multimedia message. Choose from the following options:
 - MEdia Net
 - AT&T MMS
 - AT&T IMS
- **Profile Settings** (accessed by pressing the **Options** soft key and selecting **Edit**):
 - Set Name
 - Access Name
 - Auth Type
 - User ID
 - Password
 - Protocol
 - Home URL
 - Proxy address
 - Linger Time (Sec.)
 - Advanced Settings (Static IP, Static DNS, and Traffic Class)
- **Auto Resize Image:** you can specify that the received image by be resized up/down:
 - No Resize
 - 100 KB
 - 300 KB
 - 600 KB
- **Creation Mode:** you can specify that the users creating new media content be given the following options:
 - Warning
 - Free
 - Restricted
- **Default Style:** you can specify the default visual parameters used by this type of message:

- Font Color
- Font Style
- Background Color
- Page Duration

Voice Mail

The following options are available:

- **Voicemail:** you can specify the default phone number used for access of the phone's remote Voicemail Server. If you select the **Edit** soft key, the following fields display:
 - **Name:** allows you to create a new descriptive name for this access number.
 - **Center Address:** allows you edit the existing number and create a new number for use when accessing the remote Voicemail Server.

Important! Changing the Voicemail Center Address can affect your ability to access your voice mail. Check with your provider's Customer Service before changing.

Push Message

Push Messages are service provider-sent messages, that include software upgrades or general information messages.

The following options are available:

- **Receiving Option:** you can specify whether to turn push message reception On or Off.
- **Service Loading:** you can specify whether to load this service:
 - Always
 - Prompt
 - Never

Memory Status

You can check the amount of the memory being used and the memory remaining for Multimedia, Text, Push, and Configuration Messages. The display shows the total space including the used and free space. You can also view how much space is currently occupied by each message box.

1. At the Idle screen, select **Menu → Messaging → Memory Status**, and press the  key.
2. Use your **Up**, **Down**, **Left** or **Right** Navigation keys to select a particular folder for review.
3. Press the  key. The contents of that folder are then listed.
4. Press the  key to return to Idle mode when you are finished.

Section 8: MEdia Net and WAP

Your phone is equipped with a WAP (Wireless Application Protocol) browser which allows you to access the Internet. This section explains how to access the WAP services of your service provider and navigate the WAP browser.

Accessing the MEdia Net Home

1. In Idle mode, press the  key to launch the WAP browser. You can also select **Menu → MEdia Net → MEdia Net Home**, and press the  key.

Your phone is connected to the network and loads the MEdia Net homepage. The content of the start-up homepage contains the following selections:

- **Search field:** allows you enter a text string into the field and then search the MEdia Net database for matches. Once you have entered a word, press the **Right** Navigation key to select the **Search** button and press the  key to begin your search.
- **My Links:** provides you with quick access to your those sites which you have setup in this category. Highlight one of these entries and press the  key to launch that web page.
- **Categories:** provides you with a list of MEdia Net web pages containing links to a variety of special interest sites. Highlight a

selection from this list and press the  key. These categories can be edited from within Customize MEdia Net.

Important! Prior to using MEdia Net services, you must complete the registration process located at: att.com/wireless. Some services require you to agree to the terms of a service agreement and setup the service on your handset.

- **My Account:** provides you with access to a listing of your most recent purchases and available product (services). From the My Account screen, highlight **My Purchases** and press the  key to begin.
- **Customize MEdia Net:** provides you with a list of MEdia Net setup and service options which allow you to configure different aspects of the MEdia Net experience. Highlight a selection from this list and press the  key.
 - **Edit My Links:** provides you with a list of available Internet links which you can choose to add to your My Links section of the main Media Net homepage. To add a link, navigate to the Add to My Links section, highlight an entry, and press the  key. To remove a link, navigate to the Move/Delete Links section, highlight an entry, and press the  key. From the Edit My Links page, highlight **Remove**, and press the  key.
 - **Edit Categories:** allows you to edit those category entries which appear on the MEdia Net homepage. Although the first four entries (WHAT'S HOT, Tones, Games, Pics, and Cellular Video) can not be

removed, the remaining entries can be toggled on or off. Highlight a category entry and press the  key to toggle it on (appear on the page) or off (remove it from the homepage).

- **Parental Control:** provides you with settings which can be configured to restrict certain media content from being downloaded on the phone. For more information, refer to “*Parental Controls*” on page 41.
- **Username & Password:** allows you to setup a username and password prior to gaining access to the MEdia Net homepage and related services.

Important! Prior to using this service you must agree to the terms of the service agreement and setup the service on your handset.

- **MEdia Net Mail:** allows you to access and edit the entries found within the MEdia Net messaging center. Although most of the entries can not be removed, the remaining entries can be toggled on or off by navigation to the top of the page, highlight **Edit**, and press the  key. From the Mail & Messaging page, highlight an entry and press the  key to toggle it on (appears on the Mail & Messaging page) or off (remove it from the Mail & Messaging page).
- **MEdia Net Tour:** allows you to take a quick guided tour through the main features of the MEdia Net pages (homepage, navigation, teams, etc.).
- **Privacy Policy:** provides the web address for the Privacy Policy.
- **Help:** provides you with list of some of the most frequently asked questions regarding MEdia Net functionality. Highlight a question and press the  key to launch an on screen description

2. To scroll through the screen, use the **Up** and **Down** Navigation keys.

3. To exit the browser at any time, simply press the  key.

Accessing a MEdia Net Site

There are several ways to access a WAP site:

- Selecting a link on the browser
- Using a bookmark item in the Favorites folder; use the Bookmarks option on the browser menu list or Favorites menu.
- Entering a URL address manually; use the Go to URL option on the browser menu list.

Navigating with the WAP Browser

1. To scroll through browser items, press the **Up** or **Down** Navigation keys.
2. To select a browser item, highlight a MEdia Net entry and press the  key or press the **Options** soft key and choose **Select**.
3. To return to the previous page, press the  key, or press the **Options** soft key and choose **Back**.
4. To access the browser menu list, press the **Menu** soft key.

5. To return to the start-up homepage, select **Menu → Home** option and press the  key.

Entering Text in the WAP Browser

When you are prompted to enter text, the currently active text input mode is indicated on the screen.

1. Select the text field (such as the **Search** field) by pressing the  key.

The default text entry mode displays on the Icon bar.

2. To change the text entry mode, press the  key until the mode you want displays.

The following modes are available:

- **Upper-Case Alphabet Mode (ABC):** allows you to enter upper-case characters.
- **Lower-Case Alphabet Mode (abc):** allows you to enter lower-case characters.

Note: In upper or lower case alphabet mode, press the 1 key to access the symbols menu.

- **T9 Mode (T9):** allows you to enter characters by pressing one key per letter. In this mode, you can use only the 0 key to display alternative words. To change case, press and hold the * key.
- **Number Mode (123):** allows you to enter numbers.

Selecting and Using Menu Options

Various options are available when you are using the WAP Browser to navigate the Wireless Web.

To access a option, press the **Options** soft key. A menu list displays.

Note: The menus may vary, depending on your version of the WAP Browser.

The following options are available:

- **Go:** lets you navigate Forward (next sequenced web page) or Backward (to the previously visited web page) through pages in your browsing history.
- **Reload:** reloads the current page with updated information.
- **Smart-Fit View/Desktop View:** changes the display mode of the browser.
- **Page Size:** change the page size of the displayed web page using a scroll bar.
- **Go to Homepage:** takes you back at any time to the homepage of the Wireless Web service provider.
- **Add to Favorites:** bookmarks the current page and marks it as a favorite site.
- **View Favorites:** accesses and displays the bookmarks assigned as favorite web pages.

- **Send URL via:** send the URL of the current page via either a message or to another party via a Bluetooth device.
- **Enter URL:** allows you to manually enter the URL address of a WAP site. After entering an address, press the OK soft key to go there directly.
- **Copy URL to Message:** send the URL of the current page to another party as a message.
- **Save:** saves either the image of the current web page or the current page itself.
- **Saved Pages:** access the list of web pages you have saved.
- **History:** displays the list of web pages you have recently accessed.
- **Advanced:** allows you to change the following settings for the browser.
 - **Clear Caches:** deletes the information stored in the cache. The cache stores the most recently accessed pages.
 - **Empty Cookies:** delete cookies. Cookies are pieces of personal information sent to a web server while navigating the web.
 - **Cookie Options:** sets whether or not cookies are stored on your phone. If you select Prompt, the phone prompts you to save the cookies on every page that requires cookies.
 - **Preferences:** changes the settings for the web browser to suit your preference.
 - **Certificates:** accesses certificate information from your phone.
 - **Page Details:** displays the properties for the currently active web page.

- **Browser Settings:** selects a connection profile to be used when connecting to the Internet.
- **About Browser:** displays the access version and copyright information about the browser.

Using Favorites

While navigating through either the Internet or the MEdia Net pages, you can bookmark a site to quickly and easily access it at a future time. The URL addresses of the bookmarked sites are stored in the Favorites folder, wherein you can either use the 6-preset URL addresses or store your own favorite URL addresses.

Accessing a WAP Site Using Favorites

1. At the Idle screen, select **Menu** → **MEdia Net** → **Favorites** and press the  key.
2. Select a bookmark item on the **Favorite** list. The preset URLs consist of:
 - **Cellular Video**
 - **Chat**
 - **News**
 - **Sports**
 - **Weather**
 - **MEdia Net (homepage)**

3. Press the **Options** soft key to select **Go to** or press the  key.

Storing a URL Address as a Favorite

1. At the Idle screen, select **Menu** → **Media Net** → **Enter URL** and press the  key.
2. Enter the URL address and press the  key to launch the web page.

Tip: Use can use the  key to cycle through that available symbols and choose the "." (period) and the "@" (at) needed for most website addresses.

3. Press the **Options** soft key, and use the **Down Navigation** key, highlight **Add to Favorites** and press the  key.
4. Press the **Go to** soft key to launch the website.
5. Press the  key to return to Idle mode when you are finished.

Editing Favorites

1. From the **Favorites** list, select the bookmark you want to change.

2. Press the **Options** soft key, highlight **Edit Favorites** and press the  key.
3. Change the address and the name, as you would when storing a new one.
4. Press the **Save** soft key.
5. Press the  key to return to Idle mode when you are finished.

Deleting Favorites

1. From the **Favorites** list, select the bookmark you want to delete.
2. Press **Options** soft key, highlight **Delete** and press the  key.
3. Highlight **Selected** and press the  key.
4. Press the **Yes** soft key or the  key to confirm the deletion.
5. Press the  key to return to Idle mode when you are finished.

Using your History

The History list provides you with a list of the most recently visited web sites. These entries can be used to return to previously unmarked web pages.

1. At the Idle screen, select **Menu → MEdia Net → History** and press the  key.
2. Use the **Up** or **Down** Navigation key to highlight an entry from the list.
3. Press the **Options** soft key, highlight **Go to** and press the  key.
4. Press the  key to exit from the browser when you are finished.

Clearing Caches

A cache is the phone's temporary memory in which the most recently accessed web pages are stored. You can clear the caches at anytime.

1. At the Idle screen, select **Menu → MEdia Net → Advanced → Clear Caches** and press the  key.
2. Press the **Yes** soft key or the  key to confirm the deletion.

3. Press the  key to return to Idle mode when you are finished.

Clearing the Cookies

A cookie is a small file which is placed on your phone by a web site during navigation. In addition to containing some site-specific information, it can also contain some personal information (such as a username and password) which can pose a security risk if not properly managed. You can clear this cookies from your phone at any time.

1. At the Idle screen, select **Menu → MEdia Net → Advanced → Empty Cookies** and press the  key.
2. Press the **Yes** soft key or the  key to confirm the deletion.
3. Press the  key to return to Idle mode when you are finished.

Changing the WAP Profiles

Your phone is wirelessly connecting to the Internet via a built in WAP browser. Connection can be made via any of the available WAP browsers: MEdia Net, AT&T MMS (MultiMedia Server), or AT&T IMS. Use this menu to create and customize the profiles containing the settings for connecting your phone to the network. You need these settings to use the web browser or send MMS

messages or e-mails. Although the active connection can be changed by the user, it is recommended that this choice be made with the assistance of either the retailer or customer service representative.

1. At the Idle screen, select **Menu** → **MEdia Net** → **Browser Settings**, and press the  key.
2. Use the **Up** or **Down** Navigation key to highlight one of these options and press the  key:
 - **MEdia Net**
 - **AT&T MMS**
 - **AT&T IMS**

Important! The WAP browsers are pre-configured. Your phone is set up by default for connecting to the network. If you change the settings without first checking with your service provider, the web browser, MMS, and e-mail features may not work properly.

3. To create a new connection, press the **Options** soft key, select **New**, and press the  key.
- or -
4. To edit the existing MMS, highlight this entry, press the **Options** soft key, select **Edit**, and press the  key.
5. Select the parameter you want to edit:

- **Set Name:** enter a profile name.
- **Access Name:** edit the access point name.
- **Auth Type:** select the type of authentication used for this WAP connection: None, Normal, or Secure.
- **User ID:** enter the User ID required to connect to the network.
- **Password:** enter the user password required to connect to the network.
- **Protocol:** set the connection protocol used by the WAP browser: WAP or HTTP.
- **Home URL:** enter the URL address of the page to be used as your homepage.
- **Proxy address:** (HTTP only) set the proxy server address and port.
- **Linger Time (Sec.):** sets a time period (in seconds) after which the network is disconnected if there is no new data traffic.
- **Advanced Settings:** allows you to configure some of the IP-specific information: Static IP, Static DNS, Server information, and Traffic Class.
 - **Static IP:** specify if you want to manually enter an IP address. If you want the IP address to be automatically assigned by the server, remove the check mark.
 - **Local Phone IP:** enter the IP address obtained from the network operator, if you checked the Static IP option.
 - **Static DNS:** specify if you want to manually enter the Domain Name Server (DNS) address. If you want the address to be automatically assigned by the server, remove the check mark.

- **Server 1/Server 2:** enter the Domain Name Server (DNS) addresses.
- **Traffic Class:** select the traffic class.

Note: The WAP settings may vary depending on the service provider.

Section 9: AT&T Mall

The AT&T Mall topics covered in this section are shopping for Tones, Games, Graphics, Multimedia, Applications, Video, and Accessing the MEdia Home site.

Your phone has embedded links to the WAP sites providing you with download services that are preset by your service provider.

Note: The downloaded content is delivered to you in multimedia messages. You can retrieve the messages from the server and then save the items in your phone's memory. You cannot forward these messages to other people or add the saved items to a multimedia message.

Shop Tones

The **Shop Tones** menu option allows you to shop for audio tones using the built-in browser. You can download and save audio to either your **Audio** or **Music** folder.

To access this menu option:

1. At the Idle screen, select **Menu → AT&T Mall → Shop Tones** and press the  key to launch the built-in browser and select a file to download.
2. Follow the on-screen options. The downloaded files can be stored in the **Applications**, **Video**, **Audio** or **Music** folders found within the **My Stuff** (Phone) location.

3. Select an audio file and press the  key.
4. When you are ready to purchase the audio file, press the **Buy Now** button to complete the transaction.

Shop Games

The **Shop Games** menu option allows you to shop for games using the built-in browser. You can download new games to your **Games** folder. To access this menu option:

1. At the Idle screen, select **Menu → AT&T Mall → Shop Games** and press the  key to launch the built-in browser and select a game to download.

Follow the on-screen options. The downloaded files can be stored in the **Games** folder found within the **My Stuff** (Phone) location.
2. Select a game entry and press the  key.
3. When you are ready to purchase the game, press the **Buy Now** button to complete the transaction.

Shop Graphics

The **Shop Graphics** menu option allows you to shop for graphic images using the built-in browser. You can download new images to your **Graphics** folder. To access this menu option:

1. At the Idle screen, select **Menu → AT&T Mall → Shop Graphics** and press the  key to launch the built-in browser and select an image to download.
2. Follow the on-screen options. The downloaded files can be stored in the **Graphics** folder found within the **My Stuff** (Phone) location. These images can be used as wallpapers or included into multimedia messages.
3. Select an image entry and press the  key.
4. When you are ready to purchase the image, press the **Buy Now** button to complete the transaction.

Shop Multimedia Content

The **Shop Multimedia** menu option allows you to shop for multimedia files using the built-in browser. You can download new videos to your **Videos** folder. To access this menu option:

1. At the Idle screen, select **Menu → AT&T Mall → Shop Multimedia** and press the  key to launch the built-in browser and select a video file to download.
2. Follow the on-screen options. The downloaded files can be stored in the **Video** folder found within the **My Stuff** (Phone) location. These files can be included into multimedia messages or sent as attachment files to text messages.
3. Select an video file entry and press the  key.
4. When you are ready to purchase the file, press the **Buy Now** button to complete the transaction.

Shop Applications

The **Shop Applications** menu option allows you to shop for application files using the built-in browser. You can download the new applications to your **Applications** folder. To access this menu option:

1. At the Idle screen, select **Menu → AT&T Mall → Shop Applications** and press the  key to launch the built-in browser and select an application to download.
2. Follow the on-screen options. The downloaded applications can be stored in the **Applications** folder found within the **My Stuff** (Phone) location. These files can be included into multimedia messages or sent as attachment files to text messages.
3. Select an application file entry and press the  key.
4. When you are ready to purchase the application, press the **Buy Now** button to complete the transaction.

Shop Video

The Shop Video menu option allows you to shop for video files using the built-in browser. You can download the videos to your Videos folder. To access this menu option:

1. At the Idle screen, select **Menu → AT&T Mall → Shop Video** and press the  key to launch the built-in browser and select a video to download.
2. Follow the on-screen options. The downloaded video can be stored in the **Videos** folder found within the **My Stuff** (Phone) location. These files can be included into multimedia messages or sent as attachment files to text messages.
3. Select an video file entry and press the  key.
4. When you are ready to purchase the video, press the **Buy Now** button to complete the transaction.

Accessing the MEdia Net Home

The **MEdia Net Home** menu option allows you to quickly access your MEdia Net homepage. This page gives you quick access to information such as local weather, sports scores, horoscope information and quick links to the previously mentioned shopping sites. To access this menu option:

- At the Idle screen, select **Menu → AT&T Mall → MEdia Net Home** and press the  key to launch the built-in browser and launch this AT&T homepage.

Section 10: AT&T Music

AT&T Music is a group of music services and applications which provide you access to Streaming Music, Music Videos, Music store, Music communities, Music applications, and a unique MusicID application.

Accessing AT&T Music

- At the Idle screen, select **Menu → AT&T Music** and press the  key.

Note: Audio files less than 300 KB are treated as ringtones, whereas audio files which are greater than 300 KB are stored in the Music Folder. A user can not set an MP3 file as a ringtone if it is larger than 300 KB.

Adding Music to your Handset

Music files (such as ringtones) can be added to your handset by using one or more of the following methods:

- Download music and ringtones over the AT&T network directly to your device by using the Shop Music feature.
- Add music from your existing digital media collection through Windows Media Player®.
- Add music from music store partners through the applicable music client.

Note: If the Bluetooth feature is currently active on your handset, USB communication is not available. To transfer files to your handset, turn off the Bluetooth functionality (**Settings → Set Connectivity → Bluetooth**).

Shopping for Music

AT&T Music can be used to shop for ringtones, Answer Tones™ and songs from some of your favorite music stores.

1. At the Idle screen, select **Menu → AT&T Music → Shop Music** and press the  key.
2. Use the **Up** or **Down** Navigation key to highlight your music store of choice (or select Ringtones), and press the  key.
3. From the **Categories** listing, highlight the desired entry and press the  key. Press the **Back** soft key to return to the previous page.
4. To exit the browser at any time, simply press the  key.

Transferring Music from the Digital Music Stores

In order to download music from the computer to your handset, a microSD™ card and USB data cable are required. These items are sold separately; go to att.com/mobile-music.

1. Insert the microSD™ card into the handset. For more information, refer to “*Installing the microSD™ Card*” on page 6.
2. Using your computer, open your preferred Windows Media Digital Rights Management (WMDRM) PC music management client (i.e., www.napster.com).
3. Download the selected song to your library.
4. Use the USB adapter cable to connect the handset to the target PC. When an active connection is established, a USB icon () displays on the phone.
5. Once the USB connection is established, the handset displays “**Connected**” and the computer screen then displays your device.

Note: If the target computer does not detect the newly connected handset or provide an MTP Player dialog window on the PC screen, follow steps 6-9.

6. At the Idle screen, select **Menu → Settings → Set Connectivity** and press the  key.
7. Choose **Select USB Mode → Media Player** and press the **Save** soft key or the  key.
8. Highlight the song you wish to download to the handset.
9. Using your right mouse button, click on the highlighted song and select **Transfer Track(s) to Portable Device** from the drop-down menu. This step begins the download process.

Transferring Music using a Media Application

A USB cable, microSD™ card, and a current version of a media application (such as Windows Media Player) are required for this procedure.

1. At the Idle screen, select **Menu → Settings → Set Connectivity** and press the  key.
2. Choose **Select USB Mode → Media Player** and press the **Save** soft key or the  key.
3. Open the media player on your computer (if you are using Windows Media Player, use version 10.0 or higher).

4. Use the USB adapter cable (sold separately) to connect the handset to the target PC. When an active connection is established, a USB icon () displays on the screen.
5. Once the USB connection is established, the handset displays "**Connected**" and the computer screen then displays your device.

Note: If the target computer does not detect the newly connected handset or provide an MTP Player dialog window on the PC screen, please follow steps 6-10 from the previous see "*Transferring Music from the Digital Music Stores*" on page 74.

Important! While this procedure specifies Windows Media Player (version 10.0 or higher), other third-party applications can be used. Refer to the Help files of your specific application for details.

6. From within the Windows Media Player application, click on the **Sync** tab. Previously downloaded songs are then listed on the left side of the application.
7. Choose the destination location for the media files. The **SGH-A827 - Phone** and **SGH-A827 Card** entries both display in a drop-down list on the right side of the screen. This

selection determines whether the audio files are synchronized with the Phone or with the inserted memory card.

Important! If there are no items present in the playlist, click the **Edit Playlist** button and begin adding the music files from among the various media categories. See 'Adding songs to a Playlist' on page 79.

8. Click on the checkmark boxes (to the left of the song entry) to select the song(s) you want to synchronize to your handset.
9. Click the **Start Sync** button at the upper right corner of the application to download the selected songs to your handset. A "**synchronization in progress**" message displays on the screen. Do not unplug the handset during this process. Once complete, a Music folder displays below the device entry on the right of the **Sync** tab.

Note: The maximum number of songs you can synchronize between your phone and your PC is 700.

10. It is now safe to unplug the USB connector from the handset.

Using the Music Player

The Music Player is an application that can play music files. The music player supports files with extensions AAC, AAC+, eAAC+, MP3, WMA, 3GP, MPEG, MP4, and M4A. Launching the Music Player allows you to navigate within your Music folders and select playback material.

1. At the Idle screen, select **Menu → AT&T Music → Music Player** and press the  key.
2. Use the **Up** or **Down** Navigation key to highlight a folder from the list:
 - **Now playing:** displays the songs that were recently played.
 - **All Music:** provides a list of all uploaded music files which have been purchased or downloaded from your computer. This can include ringtones, answer tones, and music.
 - **Artists:** provides a list of the artists that you have music stored.
 - **Albums:** provides a list of albums that you have stored.
 - **Playlists:** provides a list of your music playlists. See "Using Playlists" on page 78.
 - **Genres:** provides a list of your music by music genre (e.g. rock, jazz, or classical) if that information was available when the music was loaded to the handset.
 - **Shop Music:** allows you to shop online music and download to the handset.

3. When the phone displays **Now Playing** or **All Music** press the **Select** soft key and then press  key to play the selected song.
4. Press the  key to begin playing the song.

Playing Music Transferred to the Handset

1. At the Idle screen, select **Menu → AT&T Music → Music Player** and press the  key.
2. Highlight **All Music** and press the  key to open the folder.
3. Use the **Up** or **Down** Navigation key to select the song you want to listen to and press the  key, or just press the  key to begin playing all the music stored on the handset and/or the microSD™ card.

Playing Music through a Stereo Bluetooth Device

Your device supports the Stereo Bluetooth profile (A2DP) that when synchronized to a stereo Bluetooth headset plays music in stereo.

1. Pair your handset to a stereo Bluetooth device. For specific pairing procedures, For more information, refer to "Set Connectivity" on page 124.

2. At the Idle screen, select **Menu → AT&T Music → Music Player** and press the  key.

The following options display:

- Now playing
 - All Music
 - Artists
 - Albums
 - Playlists
 - Genres
 - Shop Music
3. Make your selection and press the  key to open the folder.
 4. Use the **Up** or **Down** Navigation key to select a song and press the  key to play the song within the Music Player.
 5. During playback, press the **Options** soft key. Highlight **Transfer to Bluetooth stereo headset** and press the  key. The headset searches for compatible stereo bluetooth devices.

6. From the list of compatible devices, select the previously paired bluetooth headset and press the  key to begin listening to your song through the headset.

Playing Music while Multitasking

The Multitasking option allows you to play the Music Player in the background while performing other tasks on your phone. The music pauses when an incoming call is accepted, and the music resumes when the call ends. Music continues to play when you receive a Text Message, Multimedia Message, or an Instant Message.

The other options of multitasking are:

- **Call:** make or receive a call (music player is paused)
- **Messaging:** send or receive a text or multimedia message. Music continues to play unless an audio clip is received as a part of a multimedia message.
- **Media Net:** browse the web (music continues to play).
- **Music Player:** turns on Music Player, or allows you to use full-screen controls of the music player.
- **Games and Apps:** lets you play games or access applications while listening to music.

Important!: Playing music and pausing the music player requires the same amount of battery power.

1. At the Idle screen, select **Menu → AT&T Music → Music Player** and press the  key. The following options display:
 - Now playing
 - All Music
 - Artists
 - Albums
 - Playlists
 - Genres
 - Shop Music
2. Make your selection and press the  key to open the folder.
3. Use the **Up** and **Down** Navigation keys to find the music you want to play.
4. Once the music starts to play, the music icon displays on the top of the screen (). Press the **Options** soft key and highlight the **Hide Player** option, and press the  key.
5. Press the  key to return to the Idle screen. The **Music Player** displays as center key options.

To go to the previous song press the **Rewind** (**Left** Navigation key). To temporarily stop the music press **Pause** (). To advance to the next song, press **Fast Forward** (**Right** Navigation key).

After the Music Player is enabled, you can listen to music in the background while performing other phone functions.

Important! When you are finished using the Music Player function, you must press the  key to stop the function to prevent the battery from losing its charge. While paused, the player continues to use the battery.

Using Playlists

Playlists are used to assign songs to a list of preferred media which can then be grouped into a list for later playback. These Playlists can be created via either the handset's Music Player options menu or from within a 3rd-party music application (such as Windows Media Player) and then downloaded to the handset.

Note: The Music Player does not necessarily support all features of a particular file format nor all the variations of those formats. The Music Player includes support for Windows Media Digital rights Management (WMDRM) which allows you to play some purchased or subscription content. Copyright protections may prevent some images, music (including ringtones) and other content from being copied, modified, transferred or forwarded.

Creating a Playlist

1. At the Idle screen, select **Menu** → **AT&T Music** → **Music Player** and press the  key.
2. Highlight **Playlists** → **New Playlist** and press the  key.
The list of available music folders display. Select by album name, artist, genre, or all music. The list of music available for that option displays.
3. Go through the list of music, using the  key to select one or multiple songs to add to the playlist.
4. Press the **Done** soft key when you have finished selecting the songs for the playlist. The Music Player will prompt you for a name for the playlist.
5. Enter the name of the playlist, and press the **Save** soft key.

Adding songs to a Playlist

1. At the Idle screen, select **Menu** → **AT&T Music** → **Music Player** and press the  key.
2. Highlight **Playlists** and press the  key.
3. Highlight a previously created playlist and press the  key.

4. Press the **Options** → **Add Tracks** and press the  key.

The list of available music folders display. Select by album name, artist, genre, or all music. The list of music available for that option displays.

5. Go through the list of music, using the  key to select one or multiple songs to add to the playlist.
You can choose to add All available songs. All selects all of the available listed songs and marks them for addition to the playlist.
6. Press the **Done** soft key and confirm the name of the playlist to which you want to add the song(s).
7. Press the **Save** soft key and wait for the song to be added to the current playlist.

Remove songs from a Playlist

1. At the Idle screen, select **Menu** → **AT&T Music** → **Music Player** and press the  key.
2. Select **Playlists** press **Select** soft key or the  key.

3. Highlight an existing playlist and press the **Options** → **Remove Tracks** and press the  key.
The number of songs currently in that playlist display below the playlist name.
4. Use the **Up** or **Down** Navigation key to highlight an audio file (or multiple files) and press the  key to select.
5. Press the **Done** soft key.
6. Confirm the playlist name that you are editing, and press the **Save** soft key.

Importing a Playlist from a 3rd Party Application

Note: While this procedure specifies Windows Media Player, other third-party music applications can be used to download songs and playlists to your handset. Refer to the Help files of your specific music application for details.

1. At the Idle screen, select **Menu** → **Settings** → **Set Connectivity** and press the  key.
2. Choose **Select USB Mode** → **Media Player** and press the **Save** soft key or the  key.
3. Open Windows Media Player on your computer (version 10.0 or higher).

4. Use the USB adapter cable to connect the handset to the target PC. When an active connection is established, a USB icon () displays on the screen.
5. Once the USB connection is established, the handset displays "**Connected**" and the computer screen then displays the A827 device.

Note: If the target computer does not detect the newly connected handset or provide an MTP Player dialog window on the PC screen, see "*Transferring Music from the Digital Music Stores*" on page 74., see steps 6-9.

6. From within the Windows Media Player application, click on the **Library** tab.
7. From the left side of the **Library** tab, click on **All Music**. The right side of the page is then populated with all of the songs which the player has previously found.
8. Right click on the song entry and select, **Add to..** → **Additional Playlists**.
9. From the **Add to Playlist** dialog, click the **New** button and type in a unique playlist name.

10. Click **OK** when you are done entering the new playlist name. The new Windows Media playlist is then displayed within the **My Playlist** section of the Library tab (left side).
11. Drag and drop the newly created playlist from the **My Playlist** section to the **A827-Phone** or the **A827-Card** entry listed just above it.

The **A827-Phone** and **A827-Card** entries both display on the left side of the screen.

Note: If there are no items present in the playlist, click the **Edit Playlist** button and begin adding the music files from among the various media categories. See "Adding songs to a Playlist" on page 79.

12. It is now safe to unplug the USB connector from the handset.

Using MusicID

MusicID is an application which uses the on-board microphone to analyze a song sample and then compare it to a remote database of songs. Once the application completes the analysis of the song sample, it then provides you with the name of the song, artist and album art as well as opportunities to buy related content.

1. At the Idle screen, select **Menu → AT&T Music → MusicID** and press the  key. You are then presented with a list

of ID options:

- **ID song!:** begins the analysis of the song being sampled through the handset's microphone.
- **manage IDs:** provides a list of recently identified song and allows you to obtain information about the song, delete the song, or send the Music ID as a link to another phone number.
- **help me out:** provides you with on screen descriptions of several key MusicID features.
- **exit:** allows you to exit the application and return to the main AT&T Music menu.

2. To exit the application at any time, simply press the



Using ID song!

1. At the Idle screen, select **Menu → AT&T Music → MusicID** and press the  key.
2. Highlight **ID song!** and press the  key.
3. Place the handset's microphone up to the source of the song, which can be from either a radio, stereo, or headset. The handset then begins to analyze the audio signal. If a song match is found, the screen displays the Artist Name, Track Title, and Album cover art.

4. To purchase the song (with ringtone and wallpaper if available), highlight **get**, and press the  key.
5. To share the song ID with another user, highlight **Share ID** press the  key. Enter the recipient's phone number and press the **ShareID!** soft key. Within a short time the recipient receives a message containing a Music ID link to the song.
6. If the song can not be found, the handset displays a "Sorry, No Match Try Again!" message. Press the **newID!** soft key and try analyzing the song again.
7. To exit the application at any time, simply press the  key.

Using Manage IDs

1. At the Idle screen, select **Menu → AT&T Music → MusicID** and press the  key.
2. Highlight **Manage IDs** and press the  key. The screen displays a list of the most recent successful song IDs which were made.
3. Highlight a song and press the **Options** soft key.

4. Highlight one of the following options and press the  key.
 - **ID Info**: displays the Artist Name, Track Title, and Album cover art of the identified song.
 - **Delete ID**: deletes the selected song from the list of identified songs.
 - **New ID!**: begins the song analysis process again. Hold the microphone to the song source and wait for analysis.
5. To exit the application at any time, simply press the  key.

Getting Help with Music ID

1. At the Idle screen, select **Menu → AT&T Music → MusicID** and press the  key.
2. Highlight **help me out** and press the  key to select a topic. The screen displays a list of helpful topics related to the MusicID application. These topics cover:
 - **IDing a Song**: provides information about the analysis process.
 - **Recommendations and More!**: describes the process following the successful identification of a song. You can choose to purchase the song and wallpaper (if available) or send the MusicID as a link to another phone number.

- **Subscription:** provides details about the general usability and monthly term information.
- **About MusicID:** provides information about the Music ID software version.

Exiting from the Music ID Application

There are two ways to exit from the MusicID application:

1. Highlight **exit** and press the  key to select the option
2. Exit the application at any time by simply pressing the  key.

XM Radio

This service allows you to stream over 20 music stations of commercial free music through your handset.

Important! Since this product uses a large amount of data in its stream process, you should note that you are responsible for all data charges incurred. It is recommended that you subscribe to a MEdia Max data bundle so that you are not charged for data overages.

Note: XM Radio Mobile does not work with Bluetooth. Periodically, the application prompts you to confirm you are still listening to the stream.

1. At the Idle screen, select **Menu → AT&T Music → XM Radio** and press the  key.

2. Use the **Down** Navigation key to scroll through the following list of available Menu options:

- **Back:** if you are already streaming a music station, this option allows you to return to the main guide.
- **Guide:** launches the main XM Radio Mobile page which lists the currently available radio stations. Once the subscription is purchased, this list increases from those available only during the trial period, to more than 20 channels.
- **Help:** provides some on screen information about some of the main XM Radio Mobile features and functions.
- **About:** provides information about the XM Radio Mobile software version.
- **Exit:** allows you to exit from the Streaming Music application and return to the main AT&T Music menu.

Streaming a Music Channel

1. Press the **OK** soft key to accept the terms of the trial period. You have only a few days to use the service before the trial period expires. If at any time you wish to purchase a subscription to the XM Radio Mobile service, press the **Buy** soft key and follow the on screen prompts.
2. Use the **Up** or **Down** Navigation key to highlight a radio station category from the guide list and press the  key.

3. Use the **Up** or **Down** Navigation key to highlight a specific radio channel and press the  key to begin the stream to your phone.

Music Video

The Music Video homepage is a component of the Cellular Video service. This page provides you with links to some of the most popular multimedia content.

1. At the Idle screen, select **Menu → AT&T Music → Music Video** and press the  key.

You are then taken to your CV Music homepage. This homepage provides you with several sections of accessible content.

2. Highlight the desired media clip or select from one of the available categories and press the  key.

Music Video Options

The options for the Music Video page are identical to those options provided for within the Cellular Video homepage. For more information, refer to “*Cellular Video Options*” on page 37.

1. At the Idle screen, select **Menu → AT&T Music → Music Video** and press the  key.

2. From the main Music Video homepage, press the **Options** soft key.

Viewing a Video Clip

1. Use the **Up** or **Down** Navigation key to highlight the video clip and press the  key.
2. After the stream buffers into memory, you can choose to either Pause or play the content. Pressing the  key toggles the **Play** and **Pause** functionality.

The Buzz

This service allows you to navigate through Top 20 chart songs (in a variety of categories). Other features of this service include entertainment news about your favorite music artists, access to an artists main page (containing discographies, ringtones, concert dates, etc.), concert information, games, and setup options for your own personal billboard notifications.

1. At the Idle screen, select **Menu → AT&T Music → The Buzz** and press the  key.

2. Press the **Trial** soft key to accept the terms of the trial period. You have only a few days to use the service before the trial period expires. If at any time you wish to purchase a subscription to this service, press the Buy soft key and follow the on screen prompts.
3. Enter an area code, phone number (without dashes), and Zip code into the appropriate fields on the Customize screen. Use the **Up** or **Down** Navigation key to switch between fields.
4. Press the **Confirm** soft key to accept and save your information.
5. Once the phone number is successfully registered, press the **OK** soft key to continue onto the main Billboard mobile menu where you are given a list of categories from which to select.
6. To exit the application at any time, simply press the  key.

Community

This Community is a place where you can find a listing of various fan sites that provide sound clips, wallpapers, bios, discographies, and other information about an artist.

1. At the Idle screen, select **Menu → AT&T Music → AT&T Music → Community** and press the  key.
2. Use the **Up** or **Down** Navigation key to select a fan site and press the  key. These pages can contain a variety of sites for music or artist information.
3. To exit the application at any time, simply press the  key.

Music Apps

The Music Apps option accesses the internet to provide Music tools for your handset. Services provided on this site are, Music ID and XM Radio Mobile.

1. At the Idle screen, select **Menu → AT&T Music → AT&T Music → Music Apps** and press the  key.
2. Use the **Up** or **Down** Navigation key to select a fan site and press the  key to make your selection.

Section 11: Using the Applications

The on-board applications include such functions as camera, camcorder, calendar, alarms, and other tools.

These functions can be supplemented with additional applications which can be purchased via the AT&T Mall.

- At the Idle screen, select **Menu → AT&T Mall → Shop Applications** and press the  key.

-or-

- At the Idle screen, select **Menu → My Stuff → Games and Apps** and press the  key.

Shop Applications

1. At the Idle screen, select **Menu → My Stuff → Games and Apps** and press the  key.
2. Using the navigation keys, select **Shop Applications**. For more information, see “*Shop Applications*” on page 71.

Using the Camera

Taking Photos

Note: When taking a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

Note: Your camera produces photos in JPEG format.

Note: The maximum size of a photo taken with the camera on any setting is within the limits that can be sent in a Multimedia Message.

1. At the Idle screen, select **Menu → My Stuff → Applications** and press the  key. Or you can press and hold the **Camera** key on the right of the handset.
2. Using the navigation keys, select **Camera** and press the  key.
3. Before taking the photo, press the **Menu** soft key to access camera options accessed from icons above the viewfinder display.
4. Adjust the image by aiming the camera at the subject.
5. Press the  key to take the photo.
6. Once the photo is taken, press the  key to attach the photo to a message, or to send to a Bluetooth device or HP's Snapfish service.

Note: The number that displays in the lower-left of the screen indicates the maximum number of pictures that can be saved to the selected media at the current resolution.

7. Press the **Back** soft key, then the  key to return to the picture viewer.

You can use the keypad to quickly change the camera options using the camera shortcut keys.

Camera Settings Options

If you press the **Menu** soft key before shooting a photo, the following options are displayed below the icons listed across the top of the viewfinder window.

- **Camera Mode:** allows you to take a photo in various modes. Once you change the mode, the corresponding indicator displays at the top left of the screen. The modes are:
 - Camera
 - Camcorder
 - Video Share
- **Shooting Mode:** allows you to select an image type from the following:
 - **Single shot:** allows you to take a single photo and view it before returning to the shooting mode.
 - **Multi-shot:** allows you to take a succession of consecutive photos.
 - **Mosaic shot:** allows you to take multiple photos and then have them grouped together into a single final photo. Press the **List** soft key to set

the configuration they will be grouped into, which will determine the number of photos (from 2 to 9) in the Mosaic photo.

- **Frame shot:** allows you to choose a custom frame border for your. Choose from one of the 20 available frames.
- **Panorama:** allows you to choose a panoramic shot.
- **Image Size:** allows you to select an image size from the following options:
 - 1280x960 (1.3M size)
 - 640x480
 - 320x240
- **Timer:** allows you to set a time delay before the camera takes the photo.
 - Off
 - 3 seconds
 - 5 seconds
 - 10 seconds
- **Lighting:** allows you to set a lighting condition from the following options:
 - Auto
 - Daylight
 - Incandescent
 - Fluorescent
 - Cloudy
- **Night Shot:** allows you to turn on night shot which enhances the photo for when lighting conditions are poor.

- **Effects:** allows you to choose a custom color tone for your photo. Choose from the following Effects Mode.
 - **No Effects:** automatically adjust the picture for the best quality available.
 - **Black & White:** removes all color and display the picture as black and white.
 - **Sepia:** adds a sepia tint to the picture. This is the common orange tint that was popular in early photography.
 - **Negative:** changes the image to a negative image display.
- **Help:** allows you to see the shortcuts for various options, and to see a brief description.
- **Settings:** allows you to change the default settings of the camera options.

Camera Options

Camera options available after the photo has been taken and you are still at the viewfinder screen are:

- **Take photo:** allows you to take another photo.
- **Send:** allows you to send the photo via a message, a Bluetooth device, or to HP's Snapfish™ application.
- **Set as:** allows you to set the photo as Wallpaper for your display, or as a Caller ID.
- **Rotate:** allows you to rotate the photo to landscape.

Accessing the Graphics Folder

1. At the Idle screen, select **Menu → My Stuff → Graphics** and press the  key.
2. Use the **Up** or **Down** Navigation key to select a photo.
3. To open the photo, press the  key.

Photo Options after Photo is Taken

If you navigate to the Graphics folder, the options before you select a specific photo are:

- **Take Photo:** allows you to take a photo.
- **Create Folder:** allows you to create a new subfolder in the Graphics folder.

Once you have selected a graphic, but not loaded it, the options are:

- **View:** allows you to view the photo.
- **Send:** allows you to attach the graphic to a message, send it to a Bluetooth device, or to send to the HP's Snapfish™ photo service.
- **Set as:** allows you to set the currently selected graphic to be displayed on the Main Display or assigned to a Caller ID.
- **Move:** allows you to move either a Selected or Multiple graphics to one of the My Stuff (Phone) folders.
- **Copy:** allows you to make a copy of the Selected or Multiple graphics and then send it to one of the My Stuff (Phone) folders.

- **Delete:** allows you to delete either Selected, Multiple, or All graphics.
- **Rename:** allows you to rename the graphic.
- **Take Photo:** allows you to take a photo.
- **Create Folder:** allows you to create a new subfolder in the Graphics folder.
- **Sort by:** allows you to sort the list of graphics by either: Date, Type, Name, or Size.
- **Bluetooth Visibility:** allows you to select either Selected or Multiple graphics visibility to Bluetooth devices.
- **Print via:** allows you to make a selected graphic printable by either USB or Bluetooth printer.
- **Lock/Unlock:** allows you to lock/unlock the photo.
- **Properties:** allows you to view the properties of a photo.

Once you have selected and loaded the graphic, the options change to:

- **Zoom:** allows you to zoom in or out on the existing photo.
- **Send:** allows you to attach the graphic to a message, send it to a Bluetooth device, or to send to HP's Snapfish™ photo service.
- **Set as:** allows you to set the currently selected graphic to be displayed on the Main Display or assigned to a Caller ID.
- **Delete:** allows you to delete either Selected, Multiple, or All graphics.
- **Rename:** allows you to rename the graphic.
- **Edit:** allows you to edit the loaded photo, using the following options:
 - **Save as:** allows you to name the photo.

- **Effects:** allows you to use effects for the entire photo: including Black and White, Sepia, Negative, Milky, Lighting, Crayon Pastel, Oil Paint, Blur, Despeckle, and Sharpen.
- **Partial effects:** allows you to used effects that affect only specific areas of a photo, such as Partial Blur and Redeye Repair.
- **Adjust:** allows you to adjust the Brightness, Contrast, and Color of the photo.
- **Transform:** allows you to Resize, Rotate, or Flip the photo image.
- **Crop:** allows you to crop or remove unwanted areas framing your photo.
- **Insert:** allows you to insert Frames, Cliparts, Emoticon, and Text.
- **Send:** allows you to attach the graphic to a message, send it to a Bluetooth device, or to send to the HP's Snapfish™ photo service.
- **Set as:** allows you to set the currently selected graphic to be displayed on the Main Display or assigned to a Caller ID.
- **Print via:** allows you to make a selected graphic printable by either USB or Bluetooth printer.
- **Bluetooth Visibility:** allows you to select either Selected or Multiple graphics visibility to Bluetooth devices.
- **Slide Show:** allows you to create a slide show of all photos in the folder.
- **Print via:** allows you to make a selected graphic printable by either USB or Bluetooth printer.
- **Lock:** allows you to lock the photo.
- **Properties:** allows you to view the properties of a photo.

Camera Shortcuts

Shortcut keys allow you to change options using your keypad, Navigation keys, and Volume key in capture mode. The following options are available.



takes photo.



adjust the image brightness (Left/Right).



zooms in or out (Up/Down). Not allowed if the picture size is set to its maximum value.



switches the handset between camera and camcorder mode



changes the shooting mode.



sets the timing delay (Off, 3, 5, or 10 seconds).



sets the camera to Night Shot which increases the contrast and brightness in low light.



changes the viewfinder mode from Icons, No Icons, or Guidelines.

Using the Camcorder

Shooting Video

When shooting video in direct sunlight or in bright conditions, it is recommended that you provide your subject with sufficient light by having the light source behind you.

1. In Idle mode, select **Menu** → **My Stuff** → **Applications** → **Camera** and press the key.
2. Press the key to switch to the camcorder.
3. Before shooting the video, you can adjust the camcorder settings using the follow options accessed by pressing the **Menu** soft key.
4. Adjust the image by aiming the camera at the subject.
5. Press the key to begin shooting video.
6. Press the **Stop** soft key to stop the recording and save the video file to your My Stuff folder.

Camcorder Settings Options

- **Video Clip:** allows you to set the type of video clip recorded.
 - **Normal**
 - **Multimedia Message**
- **Size:** allows you to set the video size. If you have selected Normal, you can choose between 320x240 or 176x144 resolution. If you have

selected Multimedia Message, you may only shoot in 176x144 resolution, which is sendable via a multimedia message. If you select 320x240, the resulting video clip may be too large to send via a multimedia message.

- **Timer:** allows you to set a time delay before the camcorder begins to shoot video.
 - Off
 - 3 seconds
 - 5 seconds
 - 10 seconds
- **White Balance:** allows you to set the white balance for the camcorder. Choose Auto, Daylight, Incandescent, Fluorescent, or Cloudy.
- **Effects:** allows you to choose a custom color tone for your video. Choose from the following Effects Mode.
 - **No Effects:** automatically adjust the picture for the best quality available.
 - **Black & White:** removes all color and display the picture as black and white.
 - **Sepia:** adds a sepia tint to the picture. This is the common orange tint that was popular in early photography.
 - **Negative:** changes the image to a negative image display.
- **Audio Recording:** turn audio recording with your video On or Off.
- **Help:** allows you to see the shortcuts for various options, and to see a brief description.

- **Settings:** allows you to change the default settings of the camera options.

Camcorder Options

Before leaving the camcorder viewfinder after recording the video, the following options are available by pressing the **Options** soft key:

- **Record Video:** allows you to take another video.
- **Send via:** allows you to attach the multimedia file to a message or send it to a Bluetooth device.

Accessing the Video Folder

1. At the Idle screen, select **Menu** → **My Stuff** → **Video** and press **Option** → **Open** or the  key.
2. Use the **Up** or **Down** Navigation key to select a video file.
3. To play the video, press the  key. The file is played in the Media Player application.
4. Press the **Back** soft key to return to the list of videos.

Video Options

Once you have navigated into your Video folder, but have not highlighted a video, the following options display:

- **Record Video:** allows you to take another video.

- **Create Folder:** allows you to create another folder within the Video folder.

Once you have highlighted a video, but have not loaded it, the following options are available:

- **Play:** allows you to play the video clip.
- **Send via:** allows you to attach the multimedia file to a message or send it to a Bluetooth device.
- **Move:** allows you to move either a Selected or Multiple videos to one of the My Stuff (Phone) folders.
- **Copy:** allows you to make a copy of the Selected or Multiple videos and then send it to one of the My Stuff (Phone) folders.
- **Delete:** allows you to delete Selected, Multiple, or All videos.
- **Rename:** allows you to rename a video.
- **Record Video:** allows you to go back to the Camcorder viewfinder and record another video.
- **Create Folder:** allows you to create another folder within the Video folder.
- **Sort by:** allows you to sort the list of files by either: Date, Type, Name, or Size.
- **Bluetooth Visibility:** allows you to make either a Selected or Multiple videos visible to Bluetooth devices.
- **Lock:** allows you to lock the video file to prevent deletion.
- **Properties:** allows you to view the properties of a video file.

Once you have loaded the selected video clip, the following options are available:

- **Pause/Resume:** allows you to pause/resume playing the video clip.
- **Stop:** allows you to stop playing the video clip.
- **Jump to Track Time:** allows you to jump to a specific time in the video.
- **Send via:** allows you to attach the multimedia file to a message or send it to a Bluetooth device.
- **Full screen:** allows you to view the video using the full display screen.
- **Properties:** allows you to view the properties of a video file.

While playing the video clip, the  key becomes a **Pause/Play** shortcut key, and the **Left** and **Right** Navigation keys become a method to restart the video.

Once the video has completed playing, the following options are available:

- **Play:** allows you to play the video.
- **Send via:** allows you to attach the multimedia file to a message or send it to a Bluetooth device.
- **Properties:** allows you to view the properties of the video clip.

Camcorder Shortcuts

Shortcut keys allow you to change options using your keypad, Navigation keys, and Volume key in capture mode. The following options are available.



shoots video.



adjust the image brightness (Left/Right).



zooms in or out (Up/Down).



switches the handset between camera and camcorder mode.



changes the recording mode from Normal to Multimedia Message.



sets a time delay (Off, 3, 5, or 10 seconds).



changes the viewfinder mode from Icon to No Icons.

Music Player

This feature allows you to access both local and streaming music, video, or playlists and then play then through a built in Music Player. For more information, see *“Using the Music Player”* on page 76.

Record Audio

Record Audio allows you to record voice memos. It also allows you to send your audio clip to other people as an attachment of an MMS message. Recording time is limited to free memory space available.

1. At the Idle screen, select **Menu** → **My Stuff** → **Applications** → **Record Audio** and press the  key.
2. To start recording, press the  key. Record a memo by speaking into the microphone. Options available before an audio recording is made are:
 - **Record**: allows you to start recording an audio clip. If you are planning to send the Audio Clip via MMS, set the Record Audio Setting > Recording Time to Limit for MMS.
 - **My Voice Clips**: allows you to go to the My Stuff folder for previously recorded voice clips.
 - **Record Audio Settings**: allows you to set up a recording preset: Default Name and Recording Time (1 min, 2 min, 3 min, 4 min, 5 min, or 60 min, Limit for MMS).
3. Press the **Stop** soft key to stop the recording or pause the recording by pressing the  key. If the recording time expires, the message is automatically saved.
4. Press the **Options** soft key to display the following options:
 - **Play**: allows you to play the memo.
 - **Record**: allows you to save the current memo and begin another session.
 - **My Voice Clips**: allows you to save the audio clip to your My Stuff folder.

- **Record Audio Settings:** allows you to set up a recording preset: Default Name and Recording Time (1 min, 2 min, 3 min, 4 min, 5 min, or 60 min, Limit for MMS).
 - **Send via:** allows you to send your memo to other people by using MMS or to a Bluetooth device.
 - **Set as:** allows you to set the audio file as a voice call ringtone, a ringtone for a specific caller, or an alarm tone.
 - **Delete:** allows you to delete the memo.
 - **Rename:** allows you to change the memo's name.
 - **Bluetooth Visibility:** allows you to make the audio file visible to a Bluetooth device.
 - **Lock/Unlock:** allows you to lock/unlock the Audio file.
 - **Properties:** displays the Name, Size, Format, Duration, Forwarding, Created Date/Time, and storage Location of the voice memo.
5. To exit, press the **Back** soft key or the  key.

Audio

This folder shows a list of audio clips. Audio clips include default tones that come with the handset, audio clips you have downloaded, and audio clips you have recorded. When a voice memo is recorded and saved, it is stored in the Audio folder. To access this folder:

1. At the Idle screen, select **Menu → My Stuff → Audio** and press the  key.
2. Use the **Up** or **Down** Navigation key to select a recorded memo.
3. A list of voice memos displays. To play a recording, press the **Options** soft key and select **Play**, or the  key.
4. To exit, press the **Back** soft key or the  key.

Alarms

This feature allows you to:

- set the alarm to ring at a specific time.
- set the phone to switch on automatically and ring the alarm even if the phone is switched off.

To set the alarm:

1. At the Idle screen, select **Menu → My Stuff → Applications → Alarms** and press the  key. The following options display:
 - **Wake-up Alarm:** the alarm rings to wake you up at the specified time.
 - **Alarm 1:** primary alarm setting.
 - **Alarm 2:** secondary alarm setting.
 - **Alarm 3:** third alarm setting.
 - **Alarm 4:** fourth alarm setting.
 - **Auto Power-up:** the alarm rings even when the phone is turned off.

2. Select an alarm type and press the  key. Set the following options:

- **Alarm Activation:** Use this to activate/deactivate this feature (On/Off). The only way to edit the remaining fields is to select On.
- **Alarm Time:** use the alphanumeric keypad enter a time for the alarm to sound.

Note: Your phone is preset to a 12-hour format. To change the time format, see "Set Time & Date" on page 118.

- **Alarm Type:** press the  key to select a new type of alert notification (Melody, Increasing Melody, Vibration, Vibration then Melody, Vibration & Melody, or Vibration & Increasing Melody)
- **Alarm Tone:** press the  key to select a tone from one of the **My Stuff** folders.
- **Alarm Volume:** press the **Left** and **Right** Navigation key to adjust the volume level (1-7).
- **Alarm Day:** press the  key to access the Recurrence menu. Use the **Up** or **Down** Navigation key to highlight a occurrence of the day(s) you wish your alarm to sound. Press the  key to select the day entry. Press the **OK** soft key to save your settings.
- **Snooze:** use this option to set the snooze feature for the alarm (Off, 1 Min., 3 Min., 5 Min., 7 Min., or 10 Min.).
- **Repeat:** use set the number of times this alarm type can be repeated (1 Time, 2 Times, 3 Times, 5 Times, or 10 Times). Snooze must be active for this feature to be enabled.

3. Press the  key to save these changes.

Note: To turn off the alarm when it rings, press any key to activate, and press the **OK** soft key.

Setting the Auto Power-up Alarm

You can set up the phone to ring an alarm, even if the phone is switched off.

1. At the Idle screen, select **Menu** → **My Stuff** → **Applications** → **Alarm** → **Auto Power-up** and press the  key.
2. Using the **Up** or **Down** Navigation key, highlight **On** and press the **Save** soft key or the  key to activate the Autopower feature.

If the menu option is set to **Off**, and the phone is switched off at the specified time, the alarm does not ring.

3. Press the  key to return to Idle mode when you are finished.

Calendar

The calendar feature allows you to view the Month, Week, and Day layout views. You can also create an Appointment, Anniversary, Holiday, Important, or Private entries. It also shows any Missed Alarm Events that have occurred.

To access the Calendar menu:

1. At the Idle screen, select **Menu** → **My Stuff** → **Applications** → **Calendar** and press the  key.
2. Press the **Options** soft key and highlight **Create**.
3. Press the  key. The following options are available:
 - **Appointment**
 - **Anniversary**
 - **Holiday**
 - **Important**
 - **Private**
4. Other options for the Calendar include:
 - **Settings:** this option allows you to configure the Calendar's Starting Day and Default View Mode.
 - **Missed Alarm Event:** this option displays any missed events.
 - **Memory Status:** this option displays a list of the different Calendar event categories along with the memory allocation for each.

Appointment

1. At the Idle screen, select **Menu** → **My Stuff** → **Applications** → **Calendar** and press the  key.

2. Press the **Options** soft key. Highlight **Create**, select **Appointment**, and press the  key to use the following options:
 - **Title:** enter a title for this appointment (up to 15 characters).
 - **Details:** enter a description for this appointment (up to 100 characters).
 - **Start Date:** enter a date for this appointment to begin.
 - **Start Time:** enter a time for this appointment to begin. Use the **Right** Navigation key to select AM or PM for the start time of the scheduled event.
 - **End Date:** enter a date for this appointment to end.
 - **End Time:** enter a time for this appointment to end. Use the **Right** Navigation key to select AM or PM for the start time of the scheduled event.
 - **Location:** enter a location description for this appointment (up to 15 characters).
 - **Alarm:** allows you to set an alarm for this event. Press the  key to select this option. Once selected, all remaining alarm settings are enabled.
 - **Before:** allows you to set the amount of time (minutes, hours, days) before your appointment you wish the alarm to sound.
 - **Alarm Tone:** allows you to choose an alarm tone. Once highlighted, press the  key to select this audio file.

- **Repeat:** allows you to set an the number of repetitions allowed for this appointment (Daily, Weekly, or Monthly). Use the **Right** or **Left** Navigation keys to select. Once selected, all remaining alarm settings are enabled.
 - **Every:** allows you to set an the number of times the entry is repeat in the selected time frame.
 - **Except Weekends:** allows you to exempt non-work days (weekends) from the appointment schedule.
 - **Until:** allows you to set as duration for this appointment by assigning an expiration date).
3. Press the  key to save this new appointment entry when you are finished.

Anniversary

1. At the Idle screen, select **Menu → My Stuff → Applications → Calendar** and press the  key.
2. Press the **Options** soft key. Highlight **Create**, select **Anniversary**, and press the  key to use the following options:
 - **Title:** enter a title for this occasion.
 - **Details:** enter details for the occasion.
 - **Date:** enter a date for this anniversary to begin.

- **Alarm:** allows you to set an alarm for this event. Press the  key to select this option. Once selected, all remaining alarm settings are enabled.
 - **Before:** allows you to set the amount of time (day, week) before your appointment you wish the alarm to sound.
 - **Alarm Time:** allows you to enter a time for the alarm to begin notifying you of the occasion. Use the **Right** Navigation key to select AM or PM.
 - **Alarm Tone:** allows you to choose an alarm tone. Once highlighted, press the  key to select this audio file.
 - **Repeat Every Year:** allows you to set whether this entry is repeated on a yearly basis. Press the  key to select this option. Once selected, all remaining alarm settings are enabled.
3. Press the  key to save this new anniversary entry when you are finished.

Note: The remaining Calendar entry types (Holiday, Important, or Private) contain similar fields and use the same creation procedures.

Other Event Options

1. At the Idle screen, select **Menu → My Stuff → Applications → Calendar** and press the  key.
2. Select a day containing a Calendar entry and press the  key. If the selected day has one or multiple Calendar entries, those are then displayed in a list.

Viewing an Event

1. At the Idle screen, select **Menu → My Stuff → Applications → Calendar** and press the  key. The calendar displays with today date highlighted.
2. Select the date of the event (s) you want to view and press the  key, or use the Navigation keys to move to the date with an assigned event.
3. Press the **Up** or **Down** Navigation key to scroll to the previous or next event. Highlight an entry and press the **Options** soft key to use one of the following Calendar entry options:
 - **View:** this option allows you view the details for a selected event.
 - **View Mode:** allows you select the view mode for the calendar: either Week View or Month View.
 - **Create:** this option allows you to add an additional event to the selected day(s).
 - **Send via:** allows you to send this event via a message or Bluetooth device.
 - **Event List:** allows you to view all events of a specific type.
 - **Delete:** allows you to delete the event.
 - **Save to My Stuff:** allows you to save the event to your My Stuff folder.

- **Print via Bluetooth:** allows you to print the event information using a Bluetooth printer.
 - **Settings:** this option allows you to configure the Calendar's Starting Day and Default View Mode.
 - **Missed Alarm Event:** this option displays any missed events.
 - **Memory Status:** this option displays a list of the different Calendar event categories along with the memory allocation for each.
4. Press the  key to return to Idle mode when you are finished.

Tasks

This menu option allows you to create a “to do” entry of tasks which are created in a similar fashion to previously described Calendar entries.

1. At the Idle screen, select **Menu → My Stuff → Applications → Tasks** and press the  key.
2. Press the **Options** soft key. Highlight **Create**, and the  key to use the following options:
 - **Title:** enter a title for this task (up to 15 characters).
 - **Details:** enter a detailed description for this task (up to 100 characters).
 - **Start Date:** enter a date for this task to begin.
 - **Due Date:** enter a date for this task to end.

- **Alarm:** allows you to set an alarm for this event. Press the  key to select this option. Once selected, all remaining alarm settings are enabled.
 - **Alarm Date:** allows you to specify the date you wish the alarm to sound.
 - **Alarm Time:** enter a time for this alarm to sound. Use the **Right** Navigation key to select AM or PM for the start time of the alarm and press the **Select** soft key.
 - **Alarm Tone:** allows you to choose an alarm tone. Once highlighted, press the  key to select this audio file.
 - **Priority:** allows you assign the task a priority (1, 2, or 3).
3. Press the  key to save this new appointment entry when you are finished.

Tools

Tools are feature options that allow you to use your handset for a variety of non-phone related activities. To access any of the tools, perform the following:

- At the Idle screen, select **Menu → My Stuff → Applications → Tools** and press the  key.

Notes

This option allows you to create notes.

1. Select **Notes** and press the  key.

2. A blank **New Notes** screen displays. Press the **Options** soft key. Highlight **Create**, and press the  key.
3. Enter your text and press the **Options** soft key and then the  key.

Calculator

With this feature, you can use the phone as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division.

1. Select **Calculator** and press the  key.
2. Enter the first number using the numeric keys.
3. To include a decimal point or a bracket, press the left soft key until the symbol you want displays.
4. Enter the operation for your calculation by pressing the Navigation keys, according to the illustration on the display.
5. Enter the second number.
6. To view the result, press the  key.

Tip Calculator

With this feature, you can use the phone to calculate the amount of money left as a tip based on parameters such as: total bill amount, tip percentage, and number of members in your party.

1. Select **Tip Calculator** and press the  key.
2. Enter the values into the appropriate fields by using the numeric keys:
 - Bill
 - Tip(%)
 - # paying
3. To include a decimal point, press the  key.
4. The remaining fields indicate:
 - **Tip(\$)**: the amount of the tip based on the figures entered.
 - **You pay**: your share of the total check amount. This value is based on the figure entered within the # paying field.

Converter

The conversion menu provides the following conversion categories:

1. Select **Converter** and press the  key.
2. Highlight the specific converter function, and press the  key.

- Currency
- Length
- Weight
- Volume
- Area
- Temperature

World Time

World Time allows you to view the time of day or night in another parts of the world. World displays time in the 30 different major cities representing the 24 time zones around the world.

1. Select **World Time** and press the  key.
2. Use the **Left** or **Right** Navigation keys to browse cities and times.
3. Press the  key or the Set DST soft key to indicate that the selected time zone has Daylight Savings Time (DST). The displayed time shifts to reflect the time zone and usage of DST.
4. Default time zone for the handset is set under the **Settings** → **Set Time & Date**.

Timer

You can use this menu to set a countdown timer. To enable the Timer, use the following options:

1. Select **Timer** and press the  key.
2. Press the **Set** soft key to enter the length of time.
3. Enter the time and press the **OK** soft key.
4. Press the  key to start the timer. Press the  key to stop the timer.

Stopwatch

You can use this menu to measure intervals of time for 50 separate times.

1. Select **Stopwatch** and press the  key.
2. Press the  key to start the stopwatch.
3. Press the  key to stop the stopwatch. Press the **Reset** soft key to erase all times recorded.

Section 12: Understanding Your Address Book

This section allows you to manage your daily contacts by storing their name and number in your Address Book, either on your phone or on the SIM card. Address Book entries can be sorted by name, entry, or group.

Note: When storing an Address Book entry into the SIM card, only the Name, Phone Number, Group, and Slot location are initially displayed. To save additional information for a particular contact, such as other phone numbers, or e-mail, it is important to add new fields to that Contact information.

Important!: If you move the SIM card to another phone that does not support additional fields on the SIM card, additional information may not be available.

Using Contacts

Dialing a Number from Address Book

Once you have stored phone numbers in the Address Book, you can dial them easily and quickly by either using their SIM card location number or by using the Search field to locate the entry.

Tip: The default Address Book entries are: Check Bill Balance - *225#, Directory Assistance - 411, Pay My Bill - *729, View Data Usage - *3282#, View My Minutes - *646#, Voice Connect - *08, *Now - *669.

Finding an Address Book Entry

You can store phone numbers and their corresponding names onto the SIM card and phone's on-board memory. They are physically separate but are used as a single entity, called the Address Book.

Depending on your particular SIM card, the maximum number of phone numbers the SIM card can store may differ.

1. At the Idle screen, select **Menu → Address Book**, and press the  key.
2. In the Search field, enter the first few letters of the contact name using the keypad (see *"Using the Alphabet Input Method"* on page 46.). For more information on creating a new Contact, see *"Adding a New Contact"* on page 104.

The Address Book entries are listed, starting with the first entry matching your input. A message will tell you if no entries match.
3. To select a different entry, press the **Up** or **Down** Navigation key until the entry you want is highlighted.

4. Once you have found the entry, press the  key to dial the number, or press the **Options** soft key to access the Address Book entry options.

Address Book Entry Options

While accessing any Address Book entry, press the **Options** soft key to use the options for the entry.

The following options are available:

- **View:** provides you with details about that contact entry. Press the **Back** soft key to return to the Address Book listing.
- **Add New Contact:** allows you to add a new entry to either your Phone or SIM card.
- **Call:** allows you to call a currently selected entry.
- **Video Share:** initiates a Video Share Call with this contact, with either live video or a pre-recorded video clip.
- **Send Message:** allows you to send a text message or a multimedia message to the selected entry.
- **Edit:** allows you to edit the properties of an entry such as: Name, Category, Group, or location. Press the  key to save your changes.
- **Duplicate:** allows you to duplicate a selected entry. Press the  key to save your duplicate entry.
- **Delete:** allows you to delete either a selected address book entry or multiple entries from a target location such as the Phone and/or SIM card.

- **Save to My Stuff:** allows you to copy the contact information from its current location to your My Stuff folder.
- **Send Business Card via:** allows you to send a message to the selected entry which contains a Business Card. Business Card information can be your own Business Card, or other Business Cards stored in your Address Book. This can be sent as either a message or via Bluetooth wireless device.
- **Assign Speed Dial:** allows you to set the speed dial key for this entry.
- **Add to Reject List:** allows you to add the contact to your reject list. Incoming calls from those on your Reject List go directly to voice mail.
- **Copy to Phone/SIM:** allows you to copy selected or multiple contact information from the SIM to the phone or from your phone to the SIM.
- **Move to Phone/SIM:** allows you to move selected or multiple contact information from the SIM to the phone or from your phone to the SIM.
- **FDN Contacts:** Fixed Dialling Number mode restricts your outgoing calls to a limited set of phone numbers. When this feature is enabled, you can make calls only to phone numbers stored on the SIM FDN list.
- **Copy to FDN Contacts:** allows you to copy the contact from your phone to the FDN section of the SIM card.
- **Print via Bluetooth:** allows you send the selected contact entry information to a Bluetooth-compatible printer.
- **Management:** allows you to perform the following, depending on your SIM set up:
 - **My Business Card:** allows you to create My Business Card.

- **Speed Dial:** allows you to set Speed Dial numbers.
- **Save New Contacts to:** allows you to set the default for where new contacts are saved.
- **View Contacts from:** allows you to determine what contacts are displayed: ones in the phone memory, ones in the SIM memory, or all.
- **Own Number:** allows you to see your own phone number, and to store other phone numbers for yourself.
- **Service Number:** allows you to view numbers store as service number.
- **Memory Status:** allows you to view the amount of memory allocation for the following categories: Phone, SIM, Additional No.1 ~ 3 (partitions on SIM card, and dependent on SIM setup), Email, and FDN.

Adding a New Contact

Use the following procedures to store a new contact to your Phone or SIM Card.

Storing a Number in the Phone's Memory

1. At the Idle screen, enter the phone number of a contact not in your Address Book.
2. Select **Options → Save to Address Book**, and press the  key.
3. Choose the target location for the entry (Phone or SIM), press the  key.
4. Press the  key to assign this number as a New entry.

5. From the **Select Type** screen, select from the following category types:
 - **Mobile - Private:** assigns the number entered as a Private Mobile entry.
 - **Mobile - Business:** assigns the number entered as a Business Mobile entry.
 - **Landline - Private:** assigns the number entered as a Private Landline entry.
 - **Landline - Business:** assigns the number entered as a Business Landline entry.
 - **Fax:** assigns the number entered as a Fax entry.
 - **Etc.:** allows you to classify the entry as a miscellaneous type.
6. Enter alphanumeric characters into each of the available fields:
 - **First Name:** allows you enter a first name for this entry.
 - **Last Name:** allows you enter a Last name for this entry.
 - **Display Name:** allows you enter a display name for this entry which then displays when you receive a call from this contact.
 - **Phone Number:** allows you keep or alter the currently entered phone number.
 - **Number Type:** allows you to enter another phone number for this entry. The type depends on the initially entered number.

- **Contact E-mail:** allows you to enter a contact E-mail address for this entry.
 - **Group:** allows you to assign this contact to group. Press the **Options** soft key or the  key to display available groups. Use the **Up** or **Down** Navigation keys to select a group. press the  key to save your selection.
 - **Caller ID:** allows you to set a graphic to the Caller ID for this contact. Press the **Options** soft key or the  key to access the My Stuff menu.
 - **Ringtone:** allows you to choose a ringtone for this contact information. Press the **Options** soft key or the  key to access the My Stuff menu.
 - **Instant Messaging:** allows you to assign an Instant Message profile to this entry. Press the **Options** soft key or the  key to access the IM menu.
 - **Note:** allows you enter notes associated with this contact.
7. Press the  key to save the information for this entry. Once stored, the contact details have the following options:
- **Edit:** allows you to edit the properties of an entry such as: Name, Number, or Location. Press the  key to save your changes.
 - **Call:** allows you to call a currently selected entry.
 - **Video Share:** initiates a Video Share Call with this contact.
 - **Send Message:** allows you to send a text message or a multimedia message to the selected entry.
 - **Duplicate:** allows you to duplicate a selected entry. Press the  key to save your duplicate entry.
 - **Delete:** allows you to delete the currently selected address book entry from a target location.
 - **Save to My Stuff:** allows you to copy the contact information from its current location to your **My Stuff** folder.
 - **Mark Default Number:** allows you to mark one of multiple numbers assigned to this contact as the default number.
 - **Assign Speed Dial:** allows you to set the speed dial key for this entry.
 - **Send Business Card via:** allows you to send a message to the selected entry which contains the information from their Address Book entry which you have on file. This can be sent as either a message or via Bluetooth.
 - **Add to Reject List:** allows you to add this contact to your Reject List.
 - **Copy to Phone/SIM:** allows you to copy the contact information from the SIM to the phone or from your phone to the SIM.
 - **Move to Phone/SIM:** allows you to move the contact information from the SIM to the phone or from your phone to the SIM.
 - **Copy to FDN Contacts:** allows you to copy the restricted phone number list to the FDN section of the SIM card.
 - **Print via Bluetooth:** allows you send the selected contact entry information to a Bluetooth compatible printer.

Storing a Number in the SIM Card

Note: When storing an Address Book entry into the SIM card, note that only the Name, Phone Number, Group, and Slot location are initially displayed. To save additional information for a particular contact, such as other phone numbers, or e-mail, it is important to add new fields to that Contact information.

Important! It is important to note that if you move the SIM card to another phone that does not support additional fields on the SIM card, additional information other than the Name, Phone Number, Group, and Slot Number is not available.

1. At the Idle screen, either enter the phone number of a contact not in your Address Book, or go to your Address Book by selecting the **Menu** soft key and highlight **Address Book**.
2. Press the  key.
3. Select the Address Book entry you wish to add and press the **Options** soft key, or scroll to **Address Book Options** → **Add New Contact** by pressing the **Up** or **Down** Navigation key and press the  key.
4. When offered the choice of Memory Location where the contact will be stored (Phone or SIM), select SIM and press the  key.
5. Enter the following information for the New Contact.
 - **Name:** allows you to enter a name for the number entered.
 - **Phone Number:** assigns the number entered to the entry.
 - **Group:** allows you to assign the contact to a group, such as Office, Family, Friends, or a group you have created.
 - **Location:** allows you to assign a location on the SIM for the contact being entered.
6. Press the  key to save your new entry and return to a screen which then lists the details of your new entry onto the SIM.
7. At the contact details screen for the SIM entry, press the **Options** soft key to view available options for this entry:
 - **Edit:** allows you to edit the properties of an entry such as: Name, Number, or Location. Press the  key to save your changes.
 - **Call:** allows you to call a currently selected entry.
 - **Video Share:** initiates a Video Share Call with this contact.
 - **Send Message:** allows you to send a text message or a multimedia message to the selected entry.

- **Duplicate:** allows you to duplicate a selected entry. Press the  key to save your duplicate entry.
 - **Delete:** allows you to delete the currently selected address book entry from a target location.
 - **Save to My Stuff:** allows you to copy the contact information from its current location to your My Stuff folder.
 - **Send Business Card via:** allows you to send a message to the selected entry which contains the information from their Address Book entry which you have on file. This can be sent as either a message or via Bluetooth.
 - **Add to Reject List:** allows you to add this contact to your Reject List.
 - **Copy to Phone/SIM:** allows you to copy the contact information from the SIM to the phone or from your phone to the SIM.
 - **Move to Phone/SIM:** allows you to move the contact information from the SIM to the phone or from your phone to the SIM.
 - **Copy to FDN Contacts:** allows you to copy the restricted phone number list to the FDN section of the SIM card.
 - **Print via Bluetooth:** allows you send the selected contact entry information to a Bluetooth compatible printer.
8. To return to the Idle screen, press the  key.

Dialing a Number from the SIM Card using the Location Number

1. In Idle mode, enter the location number for the phone number you want to dial and press the  key.
2. The contact entry information displays.
3. Press the **Up** or **Down** Navigation key to find other numbers on the list.
4. Press the **Call** soft key, the  key, or the  key when you have selected the number you want to call.

Speed Dial List

Once you have stored phone numbers from your Address Book list, you can set up to eight speed-dial entries on the **Speed Dial List** and then dial them easily whenever you want, simply by pressing and holding the associated numeric key.

Note: Memory location 1 is reserved for your Voice mail server number.

In Idle mode, to speed dial the numbers assigned to keys  to , press and hold the appropriate key.

Setting Up Speed Dial Entries

All Speed Dial List contacts must already be in your Address Book.

1. From the Idle Screen, select **Menu → Recent Calls** and press the **Select** soft key.
2. Set up a recent call as a contact in your Address Book (see “Adding a New Contact” on page 104.).
3. Once the contact is saved to the Address Book, the new entry highlights, and you may press the **Options** key and select the **Assign Speed Dial** option. Press the **Select** soft key.

Note: A shortcut method is to press and hold a number (other than 1) until you are told whether that number is assigned or unassigned as a Speed Dial number. If you press the **Yes** soft key, the Speed Dial Screen displays. You can then assign a contact that number as a speed dial.

4. Select the key in which you wish to assign the speed-dialing number (from the 2 to 9 keys), and press the  key.

You may also assign Speed Dial numbers by going directly to the Address Book and following steps 3 and 4.

Changing a Number Assigned to a Key

1. From the Idle Screen, select **Menu → Recent Calls → Speed Dial List**, and press the  key.
2. Select the Speed Dial entry key you wish to change that already has a contact assigned to it, and press the **Options** soft key.
3. Select **Change**, choose where the contact to assign is located (Address Book or FDN Contacts), and press the  key.

The Address Book or FDN Contacts list displays.

4. Select the contact to be assigned to the Speed Dial number, and press the  key.
5. Press the **Yes** soft key at the confirmation screen to change the Speed Dial assignment.

The Speed Dial List displays with the new contact assigned to the number.

6. Press the  key to return to Idle mode when you are finished.

Deleting Speed Dial Entries

1. From the Idle Screen, select **Menu → Recent Calls → Speed Dial List**, and press the  key.
2. Select the Speed Dial entry key you wish to remove that has a contact assigned to it, and press the **Options** soft key.
3. Select **Remove**, and press the  key. You will be prompted to confirm the remove. Press the **Yes** soft key.
4. Press the  key to return to Idle mode when you are finished.

Finding My Own Phone Number

This function is a memory aid, which you can use to check your own phone number if you need to do so.

You can assign a name to each of your own phone numbers registered on the SIM card. You can also edit the names and numbers. Any changes made here do not in any way affect the actual subscriber numbers on the SIM card.

1. At the Idle screen, select **Menu → Settings → Set Phone → Own Number**, and press the  key.

Important! While this field is editable, changing this number could affect your ability to use the handset.

Setting FDN Mode

FDN (Fixed Dialing Number) mode, if supported by the SIM card, restricts your outgoing calls to a limited set of phone numbers. When this feature is enabled, you can make calls only to phone numbers stored in the FDN list on the SIM card.

To set FDN mode perform the following steps:

1. From the Idle Screen, select **Menu → Settings → Set Phone → Security → Set FDN Mode** and press the  key.

The Set FDN Mode screen displays.

2. Select **On**, and press the **Save** soft key or the  key. This will turn on FDN mode. All calls made from this handset must be from contacts that are in the FDN Contact list.
3. You must enter your PIN2 password. This number is provided to you by your Service Provider.

If your handset has FDN mode set, the FDN Contact List must be set up.

1. At the Idle screen, select **Menu → Address Book**, and press the  key.

2. The FDN List screen displays. If there are no FDN numbers assigned, press the **Options** soft key and select **Create FDN Contact**, and press the  key.
3. You must enter your PIN2 password. This number is provided to you by your Service Provider.
4. At the FDN Address Book, press the **Options** soft key. If you have no contacts yet assigned to your FDN list, the only option is **Create FDN Contact**. If there are already contacts listed, the following options are available for existing contacts:
 - **View**: allows you to view the selected contact on the FDN List.
 - **Create FDN Contact**: allows you to create an FDN contact.
 - **Call**: allows you to call a contact on your FDN list.
 - **Video Share**: allows you to set up a video share session with a contact on your FDN list, if their phone is compatible with video share.
 - **Send Message**: allows you to send a text or multimedia message to a contact on your FDN list
 - **Edit**: allows you to edit the selected contact on the FDN list.
 - **Duplicate**: allows you to duplicate the selected entry on the FDN list.
 - **Delete**: allows you to delete a contact from the FDN list.

- **Save to My Stuff**: allows you to save the contact information to your My Stuff folder.
 - **Send Business Card via**: allows you to send a Business Card using either a multimedia message or Bluetooth device.
 - **Assign Speed Dial**: allows you to assign the contact to a Speed Dial number.
 - **Add to Reject List**: allows you to add the FDN contact to reject list.
 - **Copy to**: allows you to copy the FDN contact to the phone or SIM.
 - **Move to**: allows you to move the FDN contact to the phone or SIM.
 - **Print via Bluetooth**: allows you to print the FDN contact information via a Bluetooth compatible printer.
 - **Management**: When FDN is enabled, this option allows you to manage the following options for your Address Book:
 - 1. My Business Card
 - 2. Speed Dial
 - 3. Save New Contacts to
 - 4. View Contacts from
 - 5. Own Number
 - 6. Service Number
 - 7. Memory Status
5. Press the  key to return to Idle mode when you are finished.

Copy to FDN Contacts

1. Highlight an entry in the Address Book, press the **Options** soft key, and select the **Copy to FDN Contacts** option.
2. You must enter your PIN2 password. This number is provided to you by your Service Provider.
3. Press the  key to return to Idle mode when you are finished.

Once FDN mode is activated and a Contact list established, all calls made from the handset must be made from the FDN Contact list. You must have the PIN2 number to add contacts to the list or to reset the FDN mode. The only exception to this is **911**, where this service is available.

Group Settings

Groups allow you to associate entries in your Address Book. Preassigned groups are: Business, Family, and Friends. One feature of assigning a contact to a group is that you can send text or multimedia messages to "selected one member" or "ALL" after adding all members. You may also assign a Group Picture or Ringtone that will identify a member of the Group when you receive a call or message from one of the members.

Editing a Caller Group

1. At the Idle screen, select **Menu → Address Book** and press

the  key.

Note: When in the Address Book, you can toggle between the Contacts list and Group listing by using the **Right** or **Left** Navigation keys. If FDN is **On**, it is listed as a third option.

2. Toggle to the Group listing.
3. Scroll through the list of groups by pressing the **Up** or **Down** Navigation key.
4. Highlight the target group entry and press the **Options** soft key.
5. Highlight **Group Settings**, press the  key.

The following options are then available:

- **Picture:** allows you to view the assigned group image.
 - **Ringtone:** allows you to set the ringtone associated with this group. Selecting Ringtones takes you to your **My Stuff** folder, where you can choose recorded audio files, default ringtones, or downloaded ringtones from the **Audio** folder.
6. Once you've made your changes, press the **Options** soft key, select **Save** and press the  key.
 7. Press the  key to return to Idle mode when you are finished.

Managing Address Book Entries

You can copy, delete, and view the memory status for the Phone and SIM entries on your phone.

Copying an Entry to the Phone

You can copy a SIM entry to the Phone by using the **Copy to Phone** option. When you copy entries to the phone, duplicate entries are created; one on the SIM and one on the phone. Both are listed in the Contact list if you have the Address Book Setting **View Contact from** set to **All**. (For more information, refer to “*Address Book Entry Options*” on page 103.)

1. At the Idle screen, select **Menu → Address Book**, press the  key.
2. Select an entry which currently resides on the phone.
 - If the entry's associated Group graphic has a SIM location icon on it , then the entry already exists on the SIM card. This is the type you can copy.
 - If the entry's associated Group image does not have a SIM location icon, then this entry currently exists on the phone and not on the SIM. You can copy the entry to the SIM by selecting the **Copy to SIM** option.
3. Press the **Options** soft key, highlight **Copy to Phone**, and press the  key.

4. Press the  key to return to Idle mode when you are finished.

Note: Some options available for phone entries are not available when stored to the SIM card. For more information, refer to “*Storing a Number in the Phone's Memory*” on page 104.

Remember that if you have extra fields and numbers for a Contact stored on your SIM, if you move that SIM to another model phone, not all of that information may be available.

Deleting All of the Address Book Entries

You can delete all Phone and SIM entries in one procedure.

1. At the Idle screen, press the **Menu → Address Book → Options → Delete → Multiple**, press the  key.
2. Choose the location of the Address Book entries you wish to delete (**Phone**, **SIM**, or **Phone & SIM**), and press the  key.
3. Highlight **All** and press the  key.

You can remove the check mark by pressing the  key again. Selecting **All** places a checkmark adjacent to every entry in the list.

4. Press the **Delete** soft key to delete the entries from the selected memory location.
5. At the **Delete?** Press the **Yes** soft key.
6. Enter the password and press the **Confirm** soft key.
7. Reenter the password and press the **Confirm** soft key or the  key.
8. Press the  key to return to Idle mode when you are finished.

Checking the Memory Status

You can check how many names and numbers are stored in the Address book, in both SIM card and the phone memory. You can also see the capacity of both memories.

1. At the Idle screen, select **Menu → Address Book → Options → Management → Memory Status** by pressing the **Up** or **Down** Navigation key and press the  key.
2. Press the  key to return to Idle mode when you are finished viewing your phone's Memory Status.

Using the Service Dialing Numbers

You can view the list of Service Dialing Numbers (SDN) assigned by your service provider. These numbers include emergency numbers, customer service numbers and directory inquiries.

1. At the Idle screen, press the **Menu → Address Book → Options → Management → Service Number**, and press the  key.
2. Scroll through the numbers by using the **Up** or **Down** Navigation key.
3. To dial the number displayed, press the  key.

Note: This menu is available only when the SIM card supports Service Dialing Numbers.

Section 13: Changing Your Settings

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

Quick Tips

Quick Tips is a web-based information service that offers Frequently Asked Questions (FAQs) and Tips for specific devices. When you select this option, your handset is identified and FAQs for this handset display.

Set Sound Profile

You can customize various profiles for your phone by changing the sound settings.

1. Select **Menu** → **Settings** → **Set Sound Profile**, and press **Select** or the  key.
2. Use the **Down** Navigation key to scroll through the list of available options.

Normal Profile

In the Set Profiles option, the soft keys can be used for different purposes.

- Left Soft Key: **Save**
- Center Key (): **Edit**
- Right Soft Key: **Back**

Use the **Left** and **Right** Navigation keys to move between the various tabs.

This menu allows you to alter the audio settings for the following categories:

Call:

- **Call Alert Type:** allows you to select the way in which the selected ringtone is played when a call comes in on the phone.
 - **Melody:** the phone sounds the selected melody.
 - **Increasing Melody:** the phone sounds the selected melody, which increases in volume until the call is answered, rejected, or goes to voice mail.
 - **Vibration then Melody:** the phone vibrates initially, but then plays the melody.
 - **Vibration & Melody:** the phone vibrates and also plays the melody.

- **Vibration & Increasing Melody:** the phone vibrates and also plays the melody, which increases in volume until the call is answered, rejected, or goes to voice mail.
- **Call Ringtone:** allows you to select a ringtone from your **My Stuff** (Phone) folder which contains not only the default phone ringtones, but also any new ringtones which have been downloaded from the Internet.
- **Ringtone Volume:** allows you to select the volume that the ringtone is played. The range is from 1-7.

Message:

- **Message Alert Type:** allows you to select the way in which you are alerted to an incoming message alert.
 - **Melody:** the phone sounds the selected melody.
 - **Vibration:** the phone vibrates only.
 - **Vibration & Melody:** the phone sounds the selected melody and vibrates at the same time.
 - **Mute:** the phone does not reflect an incoming message except through an incoming message alert on the display.
- **Message Alert Tone:** allows you to select the alert tone that the phone plays.
- **Message Alert Repetitions:** allows you to select how often the Message Alert Tone sounds: either Once or Periodic.
- **Message Tone Volume:** allows you to select the volume that the ringtone is played. The range is from 1-7.

Phone:

- **Keypad Tone:** allows you to choose the tone for pressing the keypad keys. Options are: Beep, Xylophone, and Mute.
- **Power On Type:** allows you to select the way in which you are alerted when the phone is powered on. Options are:
 - **Melody:** the phone sounds the selected melody.
 - **Vibration:** the phone vibrates only.
 - **Vibration & Melody:** the phone sounds the selected melody and vibrates at the same time.
 - **Mute:** the phone does not reflect an incoming message except through an incoming message alert on the display.
- **Power Off Type:** allows you to select the way in which you are alerted when the phone is powered off. Options are:
 - **Melody:** the phone sounds the selected melody.
 - **Vibration:** the phone vibrates only.
 - **Vibration & Melody:** the phone sounds the selected melody and vibrates at the same time.
 - **Mute:** the phone does not reflect an incoming message except through an incoming message alert on the display.
- **Phone Sound Volume:** allows you to select the volume that the phone sounds are played. The range is from 0-7.

Other Available Profiles

The phone can be set to additional audio profiles which are available via the Profiles menu. Although each profile has similarities, they have each been preset to use different audio parameters for incoming phone call alerts, message alerts, and phone usage. For more information, refer to “Icons” on page 14.



The **Silent** profile causes the speaker to be muted and the phone only vibrates or displays information on its LCD. This icon is accompanied on screen by the Vibration or Mute icon.

Note: If your phone is in Silent Mode, the Low Battery Indicator defaults to Vibration. If you change the Silent Mode alert from Vibrate to Mute, you see only a flashing icon indicating a low battery.

Note: The **Silent** profile can also be activated by pressing and holding the  key or by reducing the volume to 0. An on screen message notifies you that the **Silent** profile is now active. To deactivate this profile, press and hold the  key again.



The **Driving** profile keeps the speaker active and launches the currently selected ringtone or melody when the associated notification is activated.



The **Outdoor** profile keeps the speaker active, the volume settings are raised to their highest levels, any currently active ringtones or melodies are activated, and the phone's vibrate feature is activated. This icon is accompanied on screen by the Vibration/Audio icon.

Note: To make changes to a profile, highlight the desired Profile and press the **Edit**  key. Make your changes, then press the **Options** soft key and highlight the **Save** option. The phone displays a verification of profile change.

Set Display

In this menu, you can change various settings for the display or backlight.

► **Select Menu → Settings → Set Display**, and press the  key.

The options following are available. Use the **Down** Navigation key to scroll to and set options.

Display Settings

- **Wallpaper:** allows you to select from either the preloaded wallpapers found in the My Stuff (Phone) folder or photographs which have been either taken with the camera or downloaded from the Internet. The **None** option leaves the wallpaper blank. Press the **Up** or **Down** Navigation keys to make your selection. Press the **Set** soft key or the  key to make your selection.
- **Greeting Message:** allows you to enter the text which displays on the screen when the phone powers on.
- **Menu Style:** allows you to select whether the phone's menus are presented in Grid Menu style or List Menu style. Press the **Up** or **Down** Navigation keys to make your selection. Press the **Save** soft key or the  key to make your selection.
- **Pop Up List Menu:** allows you to select whether to activate pop up menus. Press the **Up** or **Down** Navigation keys to make your selection. Choose from On or Off. Press the **Save** soft key or the  key to make your selection.
- **Idle Screen Setting:** allows you to set the format for the clock used on the Idle screen.
- **Dialing Display:** allows you to select the properties of those items which are part of the display such as Font and Color:
 - **Font Type:** allows you to select what font is used. Press the **Left** or **Right** Navigation keys to make your selection. Choose from Normal 1 or Normal 2. Press the **Save** soft key or the  key to make your selection.

- **Font Size:** allows you to select a size for the selected font. Press the **Left** or **Right** Navigation keys to make your selection. Choose from Large, Medium, or Small. Press the **Save** soft key or the  key to make your selection.
- **Font Color:** allows you to select a color for the selected font. Press the **Left** or **Right** Navigation keys to make your selection. Choose from Monochrome, Rainbow, Gradation, or Basic. Press the **Save** soft key or the  key to make your selection.
- **Background Color:** allows you to select a color for the background screen. Press the **Left** or **Right** Navigation keys to make your selection. Choose from the available colors. Press the **Save** soft key or the  key to make your selection.

Light Settings

Note: Light settings can affect the length of time before battery recharge is necessary.

- **Brightness:** allows you to adjust the display brightness for the LCD to see it better in different lighting conditions. Press the **Left** or **Right** Navigation keys to adjust the brightness. Press the **Save** soft key or the  key to make your selection.
- **Backlight Time:** allows you to select the amount of time for the backlight to remain on and the length of time for the actual dimming to occur. Press the **Up** or **Down** Navigation keys to make your selection. For **On** choose from either 10 Seconds, 30 Seconds, 1 Minute, 3

Minutes, or 10 Minutes. For Dim choose from either Off, 5 Seconds, 30 Seconds, 1 Minute, or 3 Minutes.

- **Keypad Light:** allows you to determine when to use the keypad light. Press the **Up** or **Down** Navigation keys to make your selection. Choose from either Use at Any Time, or Use at Custom Time. Press the **Options** soft key to select **Edit**, make your selection and then press the **Save** soft key.

Set Time & Date

This menu allows you to change the current time and date displayed. You can also find out what time it is in another part of the world.

- ▶ Select **Menu** → **Settings** → **Set Time & Date**, and press the  key. The following options are available. Use the **Down** Navigation key to scroll to and set options:
 - **Time Zone Updating:** allows you to select whether the time zone information is updated: Automatic (which greys-out some of the other options), Manual Only, or Prompt first.
 - **Home Zone:** allows you to enter the assign your current time zone based upon Greenwich Mean Time. Upon selection, major cities in each zone display. Use the **Left** or **Right** Navigation key to select a new zone. Press the **OK** soft key or the  key to save the new selection.

Tip: You can also choose to activate Daylight Savings Time within the Home Zone menu option.

- **Time:** allows you to enter the current time using your keypad. Press the **Right** Navigation key to select AM or PM. Press the **Save** soft key or the  key to save the new selection.
- **Date:** allows you to enter the current date using your keypad. Press the **Left** or **Right** Navigation key to navigate between the month, day, or year fields. Press the **Save** soft key or the  key to save the new selection.
- **Time Format:** allows you to change the time format to 12 hours (12H) or 24 hours (24H). Use the **Left** or **Right** Navigation key to select between the two options. Press the **Save** soft key to save the new selection. Available for change when the Time Zone Updating is set to Automatic.
- **Date Format:** allows you to change the date format. Press the  key to activate the option. Use the **Up** or **Down** Navigation key to select between the different options. Press the **OK** soft key to change the format. Press the **Save** soft key to save the new selection. Available for change when Time Zone Updating is set to Automatic.

Note: Automatic updates of time and date do not change the time you have set for alarm settings or calendar memos.

Set Phone

To customize the settings of your phone use the following steps:

- Select **Menu** → **Settings** → **Set Phone**, and press the  key.

The following options are available. Use the **Down** Navigation key to scroll to and set options.

The options available for Set Phone are as follows:

- **Language:** allows you to select a display language. You can set the Screen Text language or the Input T9 Mode.
 - **Screen Text:** allows you to select the phone text. Use the **Up** or **Down** Navigation key to highlight your selection. Press the **OK** soft key or the  key to make your selection. Press the **Save** soft key to save your new selection. Options include:
 - **Automatic:** the language is automatically selected according to the language of the SIM card used.
 - **English:** the selected phone language is changed to English.
 - **Français:** the selected phone language is changed to French.
 - **Español:** the selected phone language is changed to Spanish.
- **Shortcuts:** allows you to change the applications assigned to your Navigation keys.
 - Press a particular Navigation key and press the **Options** soft key.
 - Highlight **Change** and press the  key. Use the **Up** or **Down** Navigation key to select a new application to assign to the previously pressed key.
 - Press the **Save** soft key or the  key to save the new application to the assigned Navigation key.
- **Own Number:** displays the number assigned to the SIM card in your phone. You can change the phone number, but entering another number prevents you from making or receiving calls on the handset. You may also add other names and numbers into your phone for easy referral.

- **Security:** The Security feature enables you to restrict the use of your phone by the others and to restrict the types of calls. Various codes and passwords are used to protect the features of your phone. For more information, refer to “*Passwords*” on page 19. The following options are available. Use the **Up** or **Down** Navigation key to scroll to and the  key to set options.
- **Lock Phone:** when the Phone lock feature is enabled, the phone is locked and you must enter the 4- to 8-digit PIN phone password each time the phone is switched on. To change the phone password, see page 121. Once the correct password is entered, you can use the phone until you switch it off. The following options are available:
 - **Off:** you are not asked to enter the phone password when you switch on the phone.
 - **On:** you are required to enter the phone password when you switch on the phone.
- **Lock SIM Card:** when the Lock SIM Card feature is enabled, your phone only works with the current SIM. You must enter the lock code to unlock the SIM so you can use a different SIM card. Once you have entered the lock code, you are asked to confirm your password. Reenter your password and press the **Confirm** soft key.

- **Check PIN Code:** when the Check PIN Code feature is enabled, you must enter your PIN each time you switch on the phone. Consequently, any person who does not have your PIN cannot use your phone without your approval. The following options are available:

- **Off:** the phone connects directly to the network when you switch it on.
- **On:** you must enter the PIN each time the phone is switched on.

Important!: You must enter your PIN before disabling the Check PIN Code feature.

- **Lock Applications:** using this option you can lock various applications. Once you have locked the contents, you must enter the phone's password to access the associated menus. The applications options are:

- All
- IM
- Messaging
- Recent Calls
- My Stuff
- Calendar
- Tasks
- Notes
- Address Book

- **Set FDN Mode:** FDN (Fixed Dial Number) mode, if supported by your SIM card, allows you to restrict the outgoing calls to a limited set of phone numbers. The following options are available:
 - **Off:** you can call any number.
 - **On:** you can only call phone numbers stored in phone book. You must enter your PIN2. The following options are available:
 - Full length entries or wild cards can be entered in to the FDN list.
 - A full length number with a specific contact name can be entered into the FDN list.
 - Wildcard entries allow a range of numbers to be dialed with a single entry: ex. 555 – All dialed numbers that begin with 555 are allowed. Numbers that do not match the conditions in the FDN list are restricted.

Note: Entering an asterisk (*) is not required for wild card entries.

Note: Not all SIM cards have a PIN2. If your SIM card does not, this menu does not display.

- **Change Phone Password:** the Change Phone Password option allows you to change your current phone password to a new one. You must enter the current password before you can specify a new one. Once you have entered a new password, you are asked to confirm it by entering it again.
- **Change PIN Code:** this option allows you to change your current PIN, provided that the PIN Check feature is enabled. You must enter the

current PIN before you can specify a new one. Once you have entered a new PIN, you are asked to confirm it by entering it again.

- **Change PIN2 Code:** the Change PIN2 option allows you to change your current PIN2 to a new one. You must enter the current PIN2 before you can specify a new one. Once you have entered a new PIN2, you are asked to confirm it by entering it again.

Note: Not all SIM cards have a PIN2. If your SIM card does not, this menu does not display.

- **APN Control:** allows you to turn control of Access Point Names (APN) On or Off. APN's are a method by which you can access advanced communication using your handset. This advanced communication includes instant messaging, text messaging, multimedia messaging, e-mail, and internet access. Turning On APN Control requires the PIN2 code.
- **Airplane Mode:** The Airplane profile allows you to use many of your phone's features, such as Games, Music, Notepad, Voice Memos, etc., but you cannot send or receive any calls or access online information. You may only turn Airplane Mode On or Off.
- **Auto Keypad Lock:** allows you to lock the Keypad. Command keys such as Send and End, soft keys, and the Navigation keys are still accessible, but the number/letter keypad is locked when this option is activated. Dialing the emergency call is still allowed.

Set Calls

This menu allows you to change the actions taken by the phone when dialing and receiving calls. These settings extend to not only voice calls but also Data calls as well.

► Select **Menu** → **Settings** → **Set Calls**, and press the  key.

The following options are available. Use the **Down** Navigation key to scroll to and set options.

General

This allows you to configure some common high level parameters used by the phone for most types of calls.

- **Show My Number:** allows you to select how your ID is handled when an outgoing call is initiated. Use the **Up** or **Down** Navigation key to highlight your selection. Press the  key or press the **Save** soft key to save your new selection. Options include:
 - **By Network:** you are identified to the other party using the default network information.
 - **Send:** your phone number and name are sent to the other party.
 - **Hide:** your identifying information is hidden from the other party.
- **Auto Reject:** allows you to automatically reject calls from a list of contacts. Use the **Left** or **Right** Navigation key to toggle the activation of this feature. Select Auto Reject to **On**. Use the **Up** or **Down** Navigation key to select the Reject List field, and press the  key.

You may add a number manually or by selecting from contacts. Press the **Options** soft key, and then **Add new**. Select numbers from:

- Number (manually entered)
- Address Book
- Group
- FDN Contacts
- Recent Calls
- Unknown

Press the  key to make your selection. Press the **Save** soft key or the  key to save your new selection.

- **Call Answer:** allows you to select how your phone answers incoming calls. Use the **Up** or **Down** Navigation key to highlight your selection. Press the  key or press the **Save** soft key to save your new selection. Options include:
 - **Send Key:** allows you to answer an incoming call by pressing either the **Accept** soft key or the  key.
 - **Any key:** allows you to answer an incoming call by pressing any key on your phone.
- **Auto Reply:** allows you to activate or deactivate the Auto Reply option. If activated, allows you to enter a text message that is sent in response to a call or text message. You may select the Input Language and Input Method for entering this response.
- **Call Status Tones:** allows you to activate an alert tone for one of three available status categories. Use the **Up** or **Down** Navigation key to

highlight your selection. Press the  key to make your selection. Press the **Save** soft key to save your new selection. Options include:

- **Call Connect Tone:** allows you to activate an alert tone when the connection is made.
- **Minute Minder:** allows you to activate an alert tone which sounds every minute the call is active.
- **Call End Tone:** allows you to activate an alert tone when the line is disconnected.
- **Alerts On Call:** allows you to activate an alert tone for new messages being received during an active call. Use the **Up** or **Down** Navigation key to toggle between On and Off. Press the  key to make your selection. Press the **Save** soft key to save your new selection.

Voice Call

This option allows you to configure those phone parameters associated to voice calls.

- **Call Forwarding:** enables incoming calls to be rerouted to a number that you specify. Use the **Up** or **Down** Navigation key to highlight your selection. Press the  key to make your selection. Press the **Select** soft key to save your new selection. Options include:
 - **Always:** allows you to forward Voice Calls. Press the **Select** soft key and either enter the phone number or press the **Options** soft key to select a number from your Address Book. Once you have selected a number, press the **Options** soft key and select to either Activate/Deactivate this feature.

- **Busy:** allows you to forward Voice Calls to a designated number instead of your voice mail number if you are on another phone call. Press the **Select** soft key and either enter the phone number or press the **Options** soft key to select a number from your Address Book. Once you have selected a number, press the **Options** soft key and select to either Activate/Deactivate this feature.
- **No Reply:** allows you to forward Voice Calls to a designated number instead of your Voicemail Server number when there is no answer on your phone. Press the **Select** soft key and either enter the phone number or press the **Options** soft key to select a number from your Address Book. Once you have selected a number, press the **Options** soft key and select to either Activate/Deactivate this feature.
- **Unreachable:** allows you to forward Voice Calls to a designated number instead of your Voicemail Server number when you are not in an area covered by your service provider or when your phone is switched off. Press the **Select** soft key and either enter the phone number or press the **Options** soft key to select a number from your Address Book. Once you have selected a number, press the **Options** soft key and select to either Activate/Deactivate this feature.
- **Cancel All:** allows you to cancel all Call Forwarding features. Press the **Select** soft key to activate this feature.
- **Call Waiting:** informs you when someone is trying to reach you during another call. Press the  key to make your selection. Press the **Select** soft key to save your new selection. Options include:

- **Activate:** allows you to activate this feature for all Voice Calls. Press the **Options** soft key to select this option.
- **Deactivate:** allows you to deactivate this feature for all Voice Calls. Press the **Options** soft key to select this option.
- **Check Status:** allows you to check the status of this feature for all Voice Calls. Press the **Options** soft key to select this option.
- **Call Barring (SIM Dependent):** The call barring network service allows you to restrict your calls. This option is SIM-dependent and requires a subscription. For more information, contact your service provider.
- **Auto Redial:** allows to you automatically redial the last number if the call was either cut off or you were unable to connect. Press the  key to make your selection. Press the **Save** soft key or the  key to save your new selection. Options include:
 - **On:** causes the phone to automatically redial the last number if the call was disconnected or the call was cut off.
 - **Off:** keeps the phone from automatically redialing the last number if the call was disconnected or the call was cut off.

Set Connectivity

The Set Connectivity option allows you to manage the settings associated with the connection types available to your phone, including, Bluetooth, Network, USB, and IMS settings.

1. Select **Menu** → **Settings** → **Set Connectivity**, and press the  key.

2. Use the **Down Navigation** key to scroll to and set these options.

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection. Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. If the devices are within connectivity range of one another, you can exchange information between them, even if they are located in different rooms.

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

- **Activation:** allows you to use the Bluetooth features available when Bluetooth is activated. When Bluetooth features are deactivated, you cannot send or receive information via any Bluetooth device. Deactivate to save battery life or in situations where wireless technology use is prohibited.
- **My Devices:** provides a list of Bluetooth wireless technology devices discovered by your handset.
- **My Phone's Visibility:** allows your phone to wirelessly transmit its phone name and status when activated. Visibility is essential if you are attempting to connect with Bluetooth devices. However, allowing your phone to promote its visibility can pose a security risk and incite

unauthorized connection. Bluetooth Visibility should be paired with a Bluetooth security option such as Secure Mode to minimize this risk. Highlight the option (On/Off) and press the  key.

- **My Phone's Name:** allows your phone to identify itself using the name entered into this text field, when your phone's Bluetooth visibility is turned On. This name can be altered by selecting the pre-existing text and selecting a new text string in its place. This feature should be paired with a Bluetooth security option.
- **Secure Mode:** allows your phone to wirelessly transmit its phone name and status in a secure manner when the Bluetooth Visibility is turned On. When Secure Mode is also set to On, connection to your headset from another device requires a password in order to pair the two devices.
- **Remote SIM Mode:** allows you to turn On or Off Remote SIM Mode. Remote SIM mode, when set to On, allows the Bluetooth phone car kit to access the contact information stored on the SIM card.
- **Bluetooth Services:** the Bluetooth specification is a protocol that describes how the short-range wireless technology works, whereas individual profiles describe the services supported by individual devices. Profiles increase the chance that different devices will work together. Your phone supports the following profile services:
 - **Headset:** enables outgoing and incoming calls with a Bluetooth headset.
 - **Handsfree:** the remote Bluetooth car kit enables outgoing and incoming calls.

- **Bluetooth Stereo Headset:** enables outgoing and incoming calls via a Bluetooth headset, plus allows you to listen to your music files.
- **Serial Port:** data communication can be established via a Serial Port connection.
- **Dial Up:** The phone is configured as a dial up modem for access to the Internet.
- **Basic Printing:** The phone is configured to use Bluetooth technology to enable basic printing from the phone. This is useful to print received text message or contact information.
- **File Transfer:** The phone is configured to transfer data wirelessly to a target device.
- **Object Push:** The phone is configured to wirelessly exchange personal data (such as namecards, calendar entries, phone book contacts, etc.) with applicable Bluetooth devices.
- **SIM Access:** The phone is configured to provide access to a SIM card via Bluetooth wireless technology.

To Pair your Phone with A Bluetooth Device

1. From the Bluetooth menu items, select **My Devices** → **Search For New Device** and press the  key.
2. To connect to a Bluetooth device from the Device list, highlight the device and press the  key.
3. Enter the PIN for the device.

If connecting to a Bluetooth wireless device, consult your Bluetooth device user manual for your assigned PIN. If connecting to another handset, enter the same user-defined PIN on both handsets.

Important! The first time you try to pair with a handset, you and the owner of the other handset must enter the same PIN. Once the handsets are paired, you do not need to use the PIN again.

4. Press the **OK** soft key or the  key.
5. If you are unable to pair with the device a popup displays on the screen. Press the **Yes** soft key to retry.
6. Press the  key to erase the previous name.
7. Use the phone's keypads to enter a new name. The default input entry method is Abc, where the initial character is Uppercase and each consecutive character in that same word is left as lowercase text.
8. Press the **Save** soft key or the  key to save the new name.

Network Selection (SIM Dependent)

The Network Selection feature enables you to automatically or manually select the network used when roaming outside of your home area.

Note: You can select a network other than your home network only if there is a valid roaming agreement between the two.

To indicate to automatically or manually select the network to be used when roaming:

1. At the Idle screen, select **Menu → Settings → Set Connectivity → Network Selection** and press the  key.
2. Press the **Up** or **Down** navigation key until the appropriate option highlights, then press the  key.
 - If you select Automatic, you are connected to the first available network when roaming.
 - If you select Manual, go to step 3.
3. Press the **Up** or **Down** navigation key until the network you want highlights, and then press the  key.

The phone will scan for that network and you will be connected.

Configuring your Phone's Connections

Your phone is wirelessly connecting to the Internet via a built in WAP browser. Connection can be made via any of the available WAP browsers: MEdia Net, AT&T MMS (MultiMedia Server), and AT&T IMS. You need these settings to use the web browser or send MMS messages or e-mails.

Use this menu to create and customize the profiles containing the settings for connecting your phone to the network. Although the active connection can be changed by the user, it is recommended that this choice be made with the assistance of either the retailer or customer service representative.

1. At the Idle screen, select **Menu → Settings → Set Connectivity → Connections** and press the  key. Use the **Up** or **Down** Navigation key to highlight one of these options and press the  key:
 - MEdia Net
 - AT&T MMS
 - AT&T IMS

Important! The MEdia Net is pre-configured and cannot be altered on this screen. The AT&T MMS connection option can be edited, renamed, or deleted on this screen. Your phone is set up by default for connecting to the network. If you change the settings

without first checking with your service provider, the web browser, MMS, and e-mail features may not work properly.

2. To create a new connection, press the **Options** soft key, select **New**, and press the  key.
3. To edit the existing AT&T MMS, highlight this entry, press the **Options** soft key, select **Edit**, and press the  key.
4. Select the parameter you want to edit:
 - **Set Name:** enter a profile name.
 - **Access Name:** edit the access point name.
 - **Auth Type:** select the type of authentication used for this WAP connection: None, Normal, or Secure.
 - **User ID:** enter the User ID required to connect to the network.
 - **Password:** enter the user password required to connect to the network.
 - **Protocol:** set the connection protocol used by the WAP browser: WAP, HTTP, or Other.
 - **Home URL:** enter the URL address of the page to be used as your homepage.
 - **Proxy address:** set the proxy server address and port.
 - **Linger Time (Sec.):** sets a time period (in seconds) after which the network is disconnected if there is no new data traffic.

- **Advanced Settings:** allows you to configure some of the IP-specific information: Static IP, Static DNS, Server information, and Traffic Class.
 - **Static IP:** specify if you want to manually enter an IP address. If you want the IP address to be automatically assigned by the server, remove the check mark.
 - **Local Phone IP:** allows you to configure the local phone IP address.
 - **Static DNS:** specify if you want to manually enter the Domain Name Server (DNS) address. If you want the address to be automatically assigned by the server, remove the check mark.
 - **Server 1/Server 2:** enter the Domain Name Server (DNS) addresses.
 - **Traffic Class:** select the traffic class.

Note: The WAP settings may vary depending on the service provider.

Configuring your Phone's USB Mode

Your phone can connect to a PC via the USB cable (sold separately). The phone can be configured to launch a default application when an active USB connection is detected.

Note: The Bluetooth feature must first be disabled before initiating a USB connection with the phone. Prior to connecting the USB cable to the phone, install the latest version of the PC Studio application. This application installs the necessary USB drivers onto your machine.

1. Use the USB adapter cable to connect the handset to the target PC. When an active connection is established, a USB

icon () displays on the screen.

2. At the Idle screen, select **Menu → Settings → Set Connectivity → Select USB Mode** and press the  key.
3. Use the **Up** or **Down** Navigation key to highlight one of these options:
 - **Ask on Connection:** requires the phone to present a "Select USB Mode" pop-up which requires you to assign a default USB application.
 - **Media Player:** sets the Media Player to launch as the default application when a USB connection is detected. This is the default application when the phone is initialized, but can be reset to one of the other options.
 - **PC Studio:** can be set to launch PC Studio as the default application when a USB connection is detected. For a free download of PC Studio, go to www.samsung.com.
 - **Mass Storage:** sets the USB connection to a mass storage device such as a zip drive. Mass storage is available only when a micro-SD card is inserted.
4. With the application highlighted, press the **Save** soft key or the  key.

IMS Settings

IMS is the method used to connect to the server in order to set up Video Sharing.

- **Service:** allows you to Video Share. It has a default setting of On so that you can send and receive Video Sharing calls. If you reset the IMS setting to Off, you will not be able to use the Video Share option.
- **Profile:** allows you to set the server that the Video Share service is coming from. If you change the default, you may not be able to use Video Share.

Note: Setting IMS setting to Off may save minutes and memory.

Set Applications

The Set Application feature allows you to configure the functional parameters for most of the on-board applications. These applications are described in more detail within other sections of this manual.

1. At the Idle screen, select **Menu → Settings → Set Applications**, and press the  key.
2. Select the type of application which you want to change.
 - Messaging Settings (page 58)
 - Browser Settings (page 66)
 - Camera Settings (page 88)
 - Player Settings (page 76)
 - Cellular Video Settings (page 39)
 - Record Audio Settings (page 93)

- Calendar Settings (page 95)
- Address Book Settings (page 103)
- Video Share Settings (page 129)

3. Press the  key.

Video Share Settings

To enable the Alerts, Auto Record, and Service options, or to set the Recording Location for Video Share, use the following steps.

1. From the Idle screen, select **Menu → Settings → Set Applications → Video Share Settings** and press the  key. To access the following options, press the **Select** soft key.
 - **Alerts:** allows you to turn On or Off the Video Share Alerts which displays a message and a tone.
 - **Auto Record:** allows you to turn On or Off the Auto Record which records the Video Share call.
 - **Service:** allows you to turn On or Off the Video Share service. (This option default is On.)
 - **Recording Location:** allows you to set whether video recorded is stored in the phone memory or on the memory card.
2. Press the **Save** soft key or the  key to save the option.

Reset Settings

You can easily reset your phone to its default settings. To reset your phone:

1. At the Idle screen, select **Menu → Settings → Reset Settings** and press the  key.
2. The following options are available. Use the **Up** or **Down** Navigation key to scroll to and set options. Choose from the following:
 - **All**
 - **Profiles**
 - **Display Settings**
 - **Phone Settings**
 - **Alarms**
3. Press the  key to make your selection and press the **OK** soft key.
4. Enter your phone password, if prompted. At the “Reset Settings?” prompt, press the **Yes** soft key to reset, or the **No** soft key to cancel. Once your phone was reset to the default settings for those selected options, the phone restarts itself in order to incorporate the new settings.

Set Memory

You can easily check the amount of memory being used for storing data, such as messages, media, calendar data, or contacts entries.

You can also delete any selected information from your phone:

1. At the Idle screen, select **Menu → Settings → Set Memory** and press the  key.
2. The following options are available. Use the **Up** or **Down** Navigation key to scroll to and set options. Choose from the following:
 - **Clear Memory**
 - **Memory Status**

Clearing Memory

To completely remove any personal information stored on your device, see “*Precautions for Transfer and Disposal*” on page 155.

1. At the Idle screen, select **Menu → Settings → Set Memory → Clear Memory** and press the  key.
2. Highlight **All** and press the  key to select all available categories.

You can remove the check mark by pressing the  key again. Selecting **All** places a checkmark adjacent to every entry in the list.

- or -

3. Highlight a specific category and press the  key to select it. Press the **OK** soft key.
4. Enter your password (if applicable) and press the **Confirm** soft key. Depending on your phone's security settings, you may be asked to enter your password a second time.
5. At the **Clear?** confirm screen, press the **Yes** soft key to continue, or the **No** soft key to cancel.
6. Press the  key to return to Idle mode when you are finished.

Checking the Memory Status

1. At the Idle screen, select **Menu → Settings → Set Memory → Memory Status** and press the  key.
2. Highlight the storage category and the **Select** soft key or the  key. You can choose from one of the following categories:

- Shared Memory
- Messaging
- My Stuff
- Calendar
- Tasks
- Notes
- Address Book

3. To view the contents of a category's memory, use the **Up** or **Down** navigation key to select the entry and press the **Select** soft key.
4. To delete all the entries in this category, highlight **All** and press the  key to select the categories.
5. Press the **Delete** soft key.
6. At the **Delete?** confirm screen, press the **Yes** soft key to continue, or the **No** soft key to cancel.
7. Enter your password (if applicable) and press the **Confirm** soft key. Depending on your phone's security settings, you may be asked to enter your password a second time.
8. Press the  key to return to Idle mode when you are finished.

Software Update

The Software Update feature enables you to use your phone to connect to the network and upload any new phone software directly to your phone.

1. At the Idle screen, select **Menu → Settings → Software Update** and press the  key.
2. Press the  key to continue the update process and follow the on screen instructions.

Phone Information

This option allows you to see the phone number of the phone, the manufacturer, and the model number. This information may be necessary if talking to Customer Service in the event of a problem.

Section 14: Accessibility

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 via a telephone. This phone comes TTY-ready and only requires the insertion of the TTY device to enable this feature.

Use the following steps to access the TTY settings:

- Inserting a TTY connector into the Headset/Adapter jack (on the left side of the phone) enables this function.

For additional technical support, you may access the following website or call 1-888-987-4357.

http://www.samsungtelecom.com/contact_us/accessibility.asp

Section 15: Health and Safety Information

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of

absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains

no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- GSM

- 850

- Head: 0.478 W/Kg.
 - Body-worn: 1.31 W/Kg.

- 1900

- Head: 0.243 W/Kg.
 - Body-worn: 0.569 W/Kg.

-

- WCDMA

- 850

- Head: 0.373 W/Kg.
 - Body-worn: 0.565 W/Kg.

- 1900

- Head: 0.782 W/Kg.
 - Body-worn: 0.579 W/Kg.

SAR information on this and other model phones can be viewed online at <http://www.fcc.gov/oet/ea>. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: <http://www.samsung.com/us/consumer/type/type.do?group=mobilephones&type=mobilephones> for more information.

UL Certified Travel Adapter

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

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

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF

exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some

cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures. However, none of the studies can answer questions about long-term

exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high

priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.

CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the

measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000.

They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the

body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 12/1/2006):

- FCC RF Safety Program:
<http://www.fcc.gov/oet/rfsafety/>
- Environmental Protection Agency (EPA):
<http://www.epa.gov/radiation/>
- Occupational Safety and Health Administration's (OSHA):
<http://www.osha.gov/SLTC/radiofrequencyradiation/index.html>
- National Institute for Occupational Safety and Health (NIOSH):
<http://www.cdc.gov/niosh/homepage.html>
- World Health Organization (WHO):
<http://www.who.int/peh-emf/>
- International Commission on Non-Ionizing Radiation Protection:
<http://www.icnirp.de>
- National Radiation Protection Board (UK):
<http://www.hpa.org.uk/radiation>
- US Food and Drug Administration
<http://www.fda.gov/cellphones>

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.

9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.wow-com.com.

Important! If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

Provided by the Cellular Telecommunications & Internet Association.

Responsible Listening

Caution! Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices).

Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, you noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before your hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: <http://www.audiology.org>

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Voice: (301) 496-7243

Email: nidcdinfo@nih.gov

Internet: <http://www.cdc.gov/niosh/topics/noise/default.html>

National Institute for Occupational Safety and Health

Hubert H. Humphrey Bldg.

200 Independence Ave., SW

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

Internet: <http://www.cdc.gov/niosh/topics/noise/default.html>

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see:

<http://www.fcc.gov/oet/rfsafety/rf-faqs.html>

Hearing Aid Compatibility with Mobile Phones

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

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air

contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number).
Emergency numbers vary by location.
3. Press the  key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.

- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

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

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not modify or remanufacture the battery as this could result in serious safety hazards.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal

strength on the cellular network and the parameters set by the network operator.

- Follow battery usage, storage and charging guidelines found in the user's guide.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage, or other serious hazard.

- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.

- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.

- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Section 16: Warranty Information

Standard Limited Warranty

What is Covered and For How Long? SAMSUNG

TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case/ Pouch	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other

externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG.

If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

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

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES/PROVINCES DO NOT ALLOW LIMITATIONS ON HOW

LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES/PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE/PROVINCE TO PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY

FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS. THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRDPARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional

warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important! Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Customer Care Center:

1000 Klein St.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

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Samsung Telecommunications America, LLC

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG (726-7864)

Important! If you are using a handset other than a standard numeric keypad, dial the numbers listed in brackets.

Phone: 1-888-987-HELP (4357)

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