

SGH-a127 Series

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

User Guide

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



Intellectual Property

All Intellectual Property, as defined below, owned by or which is otherwise the property of Samsung or its respective suppliers relating to the SAMSUNG Phone, including but not limited to, accessories, parts, or software relating there to (the "Phone System"), is proprietary to Samsung and protected under federal laws, state laws, and international treaty provisions. Intellectual Property includes, but is not limited to, inventions (patentable or unpatentable), patents, trade secrets, copyrights, software, computer programs, and related documentation and other works of authorship. You may not infringe or otherwise violate the rights secured by the Intellectual Property. Moreover, you agree that you will not (and will not attempt to) modify, prepare derivative works of, reverse engineer, decompile, disassemble, or otherwise attempt to create source code from the software. No title to or ownership in the Intellectual Property is transferred to you. All applicable rights of the Intellectual Property shall remain with SAMSUNG and its suppliers.

Samsung Telecommunications America (STA), LLC

Headquarters:

1301 E. Lookout Drive

Richardson, TX 75082

Customer Care Center:

1000 Klein St.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Internet Address: <http://www.samsungusa.com>

©2007 Samsung Telecommunications America, LLC is a registered trademark of Samsung Electronics America, Inc. and its related entities.

Do you have questions about your Samsung Mobile Phone?

For 24 hour information and assistance, we offer a new FAQ/ARS System (Automated Response System) at:

www.samsungwireless.com/support

GH68-15026A

Printed in Korea

Openwave® is a registered Trademark of Openwave, Inc.

RSA® is a registered Trademark RSA Security, Inc.

Disclaimer of Warranties; Exclusion of Liability

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED ON THE WARRANTY PAGE ENCLOSED WITH THE PRODUCT, THE PURCHASER TAKES THE PRODUCT "AS IS", AND SAMSUNG MAKES NO EXPRESS OR IMPLIED WARRANTY 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; THE DESIGN, CONDITION OR QUALITY OF THE PRODUCT; THE 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 OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS.

Table of Contents

Section 1: Getting Started	4
Activating Your Phone	4
Powering On or Off the Phone	7
Setting Up Your Voice Mail	7
Section 2: Understanding Your Phone	9
Features of Your Phone	9
Closed View of Your Phone	10
Open View of Your Phone	11
Internal Display Layout	13
Selecting Functions and Options	14
Command Keys	14
Section 3: Call Functions	17
Making a Call	17
Adjusting the Call Volume	18
Answering a Call	19
Recent Calls	19
Data Volume	21
Data Call Time	21
Silent Mode	22
Options During a Call	22
Section 4: Menu Navigation	26
Menu Navigation	26
Menu Outline	27
Section 5: Entering Text	34
Changing the Text Input Mode	34
Using T9 Mode	35
Using Alphabet Mode	36
Entering Symbols	37
Using Numbers	37
Section 6: Understanding Your Address Book	38
Using Contacts List	38
Adding a New Contact	39
Groups	43
Edit Group	43
Speed Dial List	44
Reject List	45
Finding My Own Phone Number	47
Management	47
Using the Service Dialing Numbers	48

Section 7: Messaging	50
Types of Messages	50
Creating and Sending New Messages	50
Settings	56
Using Browser Messages	57
Memory Status	58
Section 8: Changing Your Settings	59
Set Sound	59
Set Display	61
Set Time & Date	62
Set Phone	63
Network Services	67
Reset Settings	69
Section 9: AT&T Mail	71
Shop Tones	71
Shop Games	71
Shop Graphics	72
Shop Multimedia Content	72
Shop Applications	73
Accessing the MEdia Net Home	73
Section 10: Tools	74
Alarms	74
Camera	75
Calendar	78
To Do List	79
Voice Memo	79
Calculator	80
Currency Converter	81
World Time	81
Section 11: My Stuff Folder	82
Ringtones/Audio	82
Graphics	82
Delete	83
Memory Status	84
Section 12: Games	85
Shop Games	85
Shop Applications	85
My Games	86

Section 13: WAP	87
Launching the WAP Browser	87
Access a WAP Site	87
Navigating the WAP Browser	88
Using Favorites	89
Downloading Multimedia Files	90
Clearing the Cache	90
Section 14: Health and Safety Information	92
Health and Safety Information	92
Samsung Mobile Products and Recycling	94
UL Certified Travel Adapter	94
Consumer Information on Wireless Phones	94
Road Safety	101
Responsible Listening	102
Operating Environment	104
Using Your Phone Near Other Electronic Devices	104
Potentially Explosive Environments	106
Emergency Calls	106
FCC Notice and Cautions	107
Other Important Safety Information	107
Product Performance	108
Availability of Various Features/Ring Tones	109
Battery Standby and Talk Time	109
Battery Precautions	109
Care and Maintenance	111
Section 15: Accessibility	112
Section 16: Warranty Information	113
Standard Limited Warranty	113
Index	118

Section 1: Getting Started

Topics Covered


- Activating Your Phone
 - Powering On or Off the Phone
 - Setting Up Your Voice Mail
-

This section describes how to start using your phone by activating your service and setting up your voice mail.

Activating Your Phone

When you subscribe to a cellular network, a plug-in SIM card is provided loaded with your subscription details, such as your PIN and other optional services.

Removing the Battery

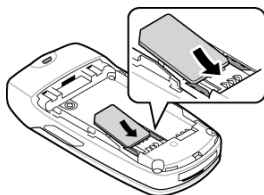
1. If necessary, power-off the phone by holding down the  key until the power-off image displays.
2. Remove the battery by pressing the battery lock down and slide the battery cover away, as shown.



Installing the SIM Card

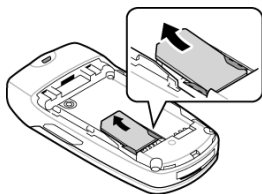
Important: The plug-in SIM card and its contacts can be easily damaged by scratches or bending. Use caution when inserting or removing the card and keep all SIM cards out of reach of children.

Make sure the gold contacts of the card face into the phone, then slide the SIM card into the socket.



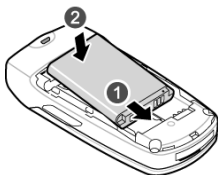
Removing the SIM Card

To remove the SIM card, slide it away from socket. See the following illustration.

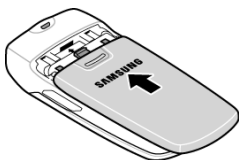


Installing the Battery

1. Align the battery tabs with the slots at the bottom of the phone.
2. Press the battery down until it clicks into place. Make sure that the battery is properly installed before switching on the phone.



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



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.

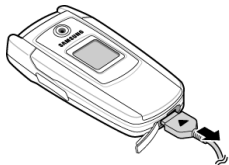
Note: You must fully charge the battery before using your phone for the first time. A fully discharged battery requires up to 4 hours of charge time.

Note: 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.



2. Plug the adaptor into a standard AC wall outlet. When charging is finished, unplug the adaptor from the power outlet.



3. Remove the adaptor from the charger port.




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

Low Battery Indicator

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


When the battery level becomes too low, the phone automatically turns off.

Powering On or Off the Phone

1. Open the phone.
2. Press and hold the  key until the phone power-on screen displays.
3. If the phone is locked, enter the phone password and press the **OK** soft key or the  key. The password is preset to "00000000" at the factory. For further details, see "Change Phone Password" on page 65.
4. If the phone asks for a PIN, enter the PIN and press the **OK** soft key or the  key. For further details, see "Check PIN Code" on page 64.







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 further details, see "Language" on page 63.

5. When you wish to switch off the phone, press and hold the  key until the power-off image displays.

Setting Up Your Voice Mail

To access your voice mail from your keypad or the Main Menu to set up your Voice Mail options, use the following steps:

1. Open the phone to access your keypad.
2. From an Idle screen, press and hold the  key.
-OR-
3. In Idle mode, press the **Menu** soft key to access Menu mode.
4. Highlight **Recent Calls** and press the  key.
5. Highlight **Voice Mail** and press the  **Select** soft key or the  key.
6. Highlight **Connect to Voice Mail** and press the  **OK** soft key or the  key.

Setting Up Your Voice Mail







7. Follow the voice mail system prompts to the voice mail 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 Number

Your SIM card gives you default service number of the Voice Mail Center. However, you may need to change the number.

Note: Contact your service provider customer support before changing the service number of the Voice Mail Center as changing your Voice Mail service number may affect your Voice Mail service.

Use the following procedures to change your voice mail number.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Highlight **Recent Calls** and press **Select** soft key or the  key.
3. Highlight **Voice Mail** and press the **Select** soft key or the  key.
4. Highlight **Voice Server Number** and press the **OK** soft key or the  key.
5. Highlight **Voice Mail** and press the **OK** soft key or the  key.
6. Highlight **Edit Number**. Press the **Edit** soft key or the  key to modify the number.
7. Enter or correct your Voice Server number and press the **OK** soft key to save.
8. Press the  key to return to Idle mode.

Section 2: Understanding Your Phone

Topics Covered

- Features of Your Phone
 - Closed View of Your Phone
 - Open View of Your Phone
 - Internal Display Layout
 - Selecting Functions and Options
 - Command Keys
-

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.

- Text Messaging capability
- Multimedia capability
- Speakerphone capability
- Featured tools provide Alarms, Camera, Calendar, To Do List, Voice Memo, Calculator, Currency Converter, and World Time.

Closed View of Your Phone



Keys

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

1. **Front LCD:** Your phone has an external display on the front of the phone. It indicates when you have an incoming call or message. It also displays date, time, reception, battery power, and any icons associated with alerts, such as messages, or a set alarm.
2. **Power Interface Connector/Headset jack:** The power interface connector is used to plug in the charging accessories. The Headset jack allows you to plug in a headset for safe, convenient, hands-free conversations.
3. **Camera key:** launches the camera to take a photo.
4. **Camera lens:** the camera lens is used for taking photos.

Back Light

A back light illuminates the display and the keypad when you press any key or open the phone. 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 **Back Light** menu.

Open View of Your Phone

The following illustrations show the main elements of your phone:




Keys

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

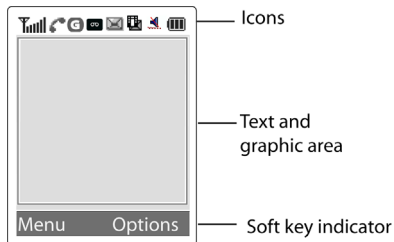
- 1. Display:** This screen displays all the information needed to operate your phone.
- 2. Soft key:** Performs the functions indicated by the screen text on the bottom of the display.
- 3. Send key:** Allows you to place or receive a call. In standby mode, press the key once to access the Recent Call log. If you press and hold the key down, you will initiate the most recent call from the Recent Call log.
- 4. Volume/Menus Navigation key:** Allows you to adjust the ringer volume in standby mode or adjust the voice volume during a call. The volume key can also be used to scroll up or down to navigate through the different menu options. To mute the ringer during an incoming call, press the volume key up or down.

Open View of Your Phone











5. **Voice Mail key:** Press and hold the  key to automatically dial your voice mail.
6. **Alphanumeric keypad:** Use these keys to enter numbers, letters and characters.
7. **Special Function keys:** Asterisk/Shift key-enters the [*] character for calling features. In text mode, press to change the character input type. Pound/Space/Quiet Mode key-enters the pound [#] character for calling features. In text entry mode, press to enter a space between characters. Press and hold to place handset in Quiet mode.
8. **Microphone:** The Microphone allows the other callers to hear you clearly when you are speaking to them.
9. **Clear key:** Deletes characters from the display when you are in text entry mode. When in a main menu, press to return to the previous menu.
A quick press of the **Clear** key while in Idle mode displays the Calendar in Month view.
10. **Power on/off/Menu Exit key:** Ends a call. Press and hold this 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 you input. When you receive an incoming call, press to reject call.
11. **Navigation keys:** This key allows you to scroll through phone menu options and provides a shortcut to phone functions from standby mode.
12. **WAP Browser/Menu confirm key:** When navigating through a menu accepts the highlighted choice in the menu. If you press once in Idle mode, the WAP browser will launch.
13. **Earpiece:** Used to listen to audio from your phone.





Internal Display Layout

The display has 3 areas:




Icons

-  Shows the received signal strength. The greater the number of bars, the stronger the signal.
-  Appears when a new text message has been received.
-  Appears when a new voice mail has been received.
-  Appears when a new multimedia message has been received.
-  Appears when you set an alarm to ring at a specified time. For details, see "Alarms" on page 74.
-  Appears when you there is no network coverage available, or when the phone is in Airplane Mode, see "Airplane Mode" on page 67.
-  Appears when a call is in progress.
-  Appears when you are connected to a WAP service.
-  Appears when the Call Forwarding feature is active. For details, see "Call Forwarding" on page 67.
-  Appears when incoming call Alert Type is set to Vibration.

-  Appears when an incoming call Alert Type is set to Vibration then Melody.
-  Appears when Silent Mode, Mute is active.
-  Appears when Silent Mode, Vibration is active.
-  Shows the level of your battery. The more bars you see, the more power you have remaining.

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.

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



- In the Idle screen, press the **Menu** (left) soft key  to open the Menu screen.
- When in a menu mode, the left soft key  function is **Select**.





Right Soft Key

Some functions of the right soft key are as follows.


- In the Idle screen, press the **Options** soft key  to open the Options Menu screen.
- When in a menu mode, the right soft key  function is **Back**.




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.


- 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 .
- To display the Calendar in Month view, briefly press  while in Idle mode .



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 End key  to turn on your phone.
- Briefly press  once to disconnect a call.
- Press  to return to standby mode from any menu, or to cancel the last input.

Send Key

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

- Press  once to answer calls.
- Enter a number and briefly press  to make a call.

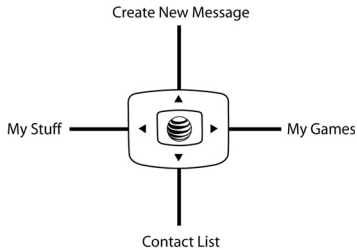
Command Keys

- 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 when jumping to highlighted links on the web.

Each key also acts as a shortcut to launch applications.



Speakerphone Key

During a call, use the speakerphone key  to activate the speakerphone operation. Use the volume keys (located on the left side of your phone) to adjust the volume.


Section 3: Call Functions

Topics Covered

- Making a Call
 - Adjusting the Call Volume
 - Answering a Call
 - Recent Calls
 - Data Volume
 - Data Call Time
 - Silent Mode
 - Options During a Call
-



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

When the Idle screen displays, enter the area code and phone number, and press the  key.



Note: When you activate the **Auto Redial** option in the **Extra Settings** menu, the phone will automatically redial up to 10 times when the person does not answer the call or is already on the phone. For more information, see "Extra Settings" on page 66.

Making an International Call



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

Correcting a Dialed Number


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

1. After dialing a number
 - 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.

Adjusting the Call Volume

- 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 whole display, press and hold the  key. The Idle screen displays.
2. Press the  key to return to the Idle screen.





Ending a Call

When you want to finish your call, briefly press the  key or simply close the phone.

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. From the Idle Screen, press  **Menu**. Use the navigation keys to highlight **Recent Calls** and press  **Select**.
2. Use the **Up** and **Down** navigation keys to scroll through the Recent Calls options. Choose from **Missed Calls**, **Calls Made**, **Calls Received**, or **Voice Mail**.
3. From the Idle Screen, press the  key to display a list of the most recent numbers used in the order you dialed or received them.
4. Use the **Up** and **Down** navigation keys to scroll through the numbers until the number you want highlights.
5. 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 38.

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 keys.

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. From the Idle Screen press the  key or the **Accept** soft key to answer the incoming call.

If the **Settings>Set Phone>Extra Settings - Anykey Answer** option is activated, you can press any key to answer a call except the  key and the **Reject** soft key.

If the **Settings>Set Phone>Extra Settings - Open to Answer** option is activated, you can answer the call simply by opening the phone.

Note: To reject an incoming call, press and hold either the **Up** or **Down Volume** keys on the left side of the phone before opening the phone. A quick press of side volume key silences ringer on incoming call.

2. End the call by closing the phone or by pressing the  key.

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

Recent Calls

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 name associated displays.

Viewing Missed Calls


The number of calls you have missed displays on the Idle screen when a call is missed. To view the number details, use the following steps:



1. If the phone is closed, open the phone.
2. Press the **View** soft key. The most recent missed call displays.

Note: If there is a voicemail sent by the same number, associated icons display and can be selected.

3. To scroll through the missed calls, press the **Up** or **Down** navigation key.






Accessing Your Voice Mail


1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Highlight **Recent Calls** and press the  key.

3. Highlight **Voice Mail** and press the  key.
4. Highlight **Connect to Voice Server** and press the **OK** soft key or the  key.
5. When connected, follow the voice prompts from the voice mail center.




Deleting a Missed Call


To delete a missed call entry, use the following steps:

1. Immediately after missing a call, the LCD displays a **Missed Call** window, that includes the phone number, date and time, and contact (if the contact is in your Address Book). Press the **View** soft key to see call details. Press the **Exit** soft key to view later.
2. Press the **Details** soft key to see the date and time of the call.
3. Press the **Options** soft key and select **Delete**.
4. Press the **Select** soft key, or the  key.
5. At the “**Delete?**” prompt, press the **Yes** soft key to confirm deletion or **No** to cancel.
-OR-
1. From the Idle Screen, press  **Menu**. Use the navigation keys to highlight **Recent Calls** and press  **Select**.
2. Highlight the **Missed Calls** option, and press the  **Select** or the  key.
3. Continue as above.





You can press the  key at any time to exit the **Missed Call** feature.

Call Time





1. From the Idle Screen, press  **Menu**. Use the navigation keys to highlight **Recent Calls** and press  **Select**.
2. Highlighted **Call Time** and press the **Select** soft key or the  key.
3. The following options that 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.
 - **Reset Time**: allows you to reset the call timers.
4. Highlight the **Reset Time** option, press the **OK** soft key.
5. Enter the password “00000000” and press the **OK** soft key to reset the call timers.

6. Press the **Back** soft key or the  key to end.

Data Volume

1. From the Idle Screen, press  **Menu**. Use the navigation keys to highlight **Recent Calls** and press  **Select**.
2. Highlighted **Data Volume** and press the **Select** soft key or the  key.
3. 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.
 - **Reset Data Volume**: allows you to reset the total amount of data sent and received by the phone.
4. Highlight the **Reset Data Volume** and press the **OK** soft key.
5. Enter the password "00000000" and press the **OK** soft key to reset the call timers. Press the **Back** soft key or the  key to end.







Data Call Time




1. From the Idle Screen, press  **Menu**. Use the navigation keys to highlight **Recent Calls** and press  **Select**.
2. Highlighted **Data Call Time** and press the **Select** soft key or the  key.
3. The following options are available:
 - **Recent Time**: shows the time used for the last data call sent or received.
 - **Total Time**: shows the total time used to send or receive data.
 - **Reset Data Call Time**: allows you to reset the amount of time used for data calls.
4. Highlight the **Reset Data Call Time** and press the **OK** soft key.
5. Enter the password "00000000" and press the **OK** soft key to reset the call timers.
6. 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, such as in a theater or a meeting. You have two options: set the phone to vibrate or mute.

To set which of the Silent Mode options will activate:

1. From the Idle Screen, press  **Menu**. Use the navigation keys to highlight **Settings** and press  **Select**.
2. Highlight **Set Sound** and press the **Select** soft key or the  key.
3. Highlight **Silent Mode** option, then press the  **Select** key or the  key.
4. Press the **Back** soft key or the  key to end.

In Idle mode, press and hold the  key until the “Vibration All Activated” or the “Silent All Activated” message displays, and the  (Vibration) or the  (Mute) Silent Mode icon displays. You may also press the Volume key on the side of the phone until it is set to 0, which also activates Silent Mode.

In Silent mode, your phone will respond one of two ways, depending on how you have set the **Silent All** feature: it will vibrate and light up the external LCD display  (Vibration), or just light the external LCD display  (Mute).

To exit and reactivate the previous sound settings, press and hold the  key again until “Silent All Deactivated” or “Vibration All Deactivated” displays. The appropriate icon no longer displays.

Options During a Call

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


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 **Hold** right soft key. A message containing the phone number and the information that the call is on hold displays on the main screen.
2. You can reactivate the call whenever you want by pressing the **Unhold** soft key.


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

1. Place the active call on hold using the previous procedures, and enter the phone number that you wish to dial or look it up in the Address Book.
2. Press the  key to dial the second call.

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, simply press the **Swap** soft key. The current call is placed on hold and the call on hold is reactivated so that you can continue conversing with that person.

In Call Options

During a call, press the **Options** soft key to access the following:

- **Speaker On:** allows you to enable the speakerphone option. The speakerphone is toggled On/Off by use of the  key.
- **Whisper On:** allows you to enable the whisper mode. Whisper mode increases the sensitivity of the microphone so that you do not need to speak above a whisper to be heard (like in a theater).
- **Menu:** allows you to access the Main Menu while on a call.
- **Mute:** allows you to mute the voice microphone. Used if you are on a call and wish to speak to another party without the person on the other end of the line hearing you.
- **Mute Keys:** Silences the key tones when on the call.
- **Send DTMF:** Sends DTMF (Dual Tone Multi-Frequency) tones to the contacts you have selected.
- **Address Book:** access the Address Book information.


Multi-Party Calls


This phone supports multi-party calls. A multi-party call is one of two situations: you place one call on hold and answer a second call when notified by a call waiting tone, or where you answer multiple calls and join them (provider-dependent). The following options then display with the in call options, under the **Options** left soft key:

- **Join:** joins the calls you have established with your phone into a multi-party call. (provider-dependent)
- **Transfer:** transfers an incoming call to another number, if supported by your service provider and set up in your phone settings.
- **End Held Call:** allows you to end the call on hold.

Options During a Call

If you are in a multi-party call, use the following process:

1. As each call comes in, either press the  key or the **Accept** soft left key. As you answer a call, the previous call is put on hold.
2. Press the **Options** key and choose your option. If you choose **Join**, the calls are joined into a multi-party call, and the following option become available:
 - **Select One**: allows you to select a calls in a multi-party call. The phone displays the phone numbers joined in the multi-party call. Once selected, press the Select soft option key, and the following options become available:
 - **Private**: the selected party becomes a private call.
 - **Remove**: the selected call is removed from the multi-party call, and ends only that call.



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

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 a 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  **Options** soft key. Select option 4, **Mute**.
2. Press the  **Options** soft key. Select option 4, **Unmute** to deactivate the Mute function.

Muting Sending Key Tones



These options allow you to turn the key tones off or on. If the **Mute Keys** option is selected, your phone does not transmit the DTMF (Dual Tone Multi-Frequency) tones of the keys, which allows you to press keys without hearing distracting key tones during a call.

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

Searching for a Number in Address Book

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

1. Press the **Options** soft key.
2. Press the **Down** key to highlight the **Address Book** option.

3. Press the **OK** soft key or the  key.
4. The Contact List is displayed. To access a contact, use the **Up** and **Down** Navigation keys to highlight the contact number, then press the **View** soft key or the  key

-OR-

Enter the first few letters of the name to display entries listed starting with the first entry matching your input, then use the **Up** and **Down** Navigation keys to highlight an entry.




5. To view the highlighted entry, press the  **View** soft key.

For further details about the **Address Book** feature, see "Finding an Address Book Entry" on page 38.

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 **Call Waiting-Voice Calls** Menu to **Activate**. 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 or the **Accept** soft key to answer the incoming call. The first call is automatically put on hold.
2. To switch between the two calls, press the **Swap** soft key. You may also join the calls into a multi-party call by pressing the **Options** soft key and selecting the **Join** option.
3. To end a call on hold, you must take the call off of hold by pressing the **Unhold** right soft key, then press the  key. If you are in a multi-party call, press the **Options** left soft key, and select the **Select One** option, and then select **Remove**. This ends that specific call while leaving the other call active.
4. To end the current active call, press the  key.

Section 4: Menu Navigation

Topics Covered






- Menu Navigation
 - Menu Outline
-

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

Menu Navigation

Menus and sub-menus can be accessed by scrolling using the Navigation keys or by using the shortcut keys.




Accessing a Menu Function by Scrolling

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Scroll using the Navigation keys to reach a main menu option, **Settings** for example. Press the **Select** soft key or the  key to enter the menu.
3. If the menu contains sub-menus, such as the submenu options under **Settings**, you can access them by highlight the option and by pressing the **Select** soft key or the  key. If the menu that you have selected contains further options, repeat this step.
4. To scroll through the menus, press the **Up** or **Down** navigation key or the **Volume** key (located on the left side of your phone). Press the **Select** soft key, or the  key to make your selection.
5. To return to the previous menu level, press the **Back** soft key, the  key.
6. To exit the menu without changing the settings, press the  key.

Using Shortcuts

Numbered menu items, such as menus, sub-menus, and options can be quickly accessed by using their shortcut numbers. In Menu mode, Main Menu can be accessed by pressing the number keys (1 to 0) corresponding to their location on the screen.

Example: Accessing the Language menu.

1. Press the **Menu** soft key.
 2. Press the  key for **Settings**.
 3. Press the  key for **Set Phone**.
 4. Press the  key for **Language**.
- The available languages are displayed.

Menu Outline

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

1: Tools

1: Alarms

- 1: Wake-up Alarm
- 2: Once Alarm
- 3: Daily Alarm
- 4: Remove Alarm
- 5: Auto Power-up
 - 1: Off
 - 2: On

2: Camera

3: Calendar

4: To Do List

5: Voice Memo

- 1: Record Voice
- 2: Voice Memo List
- 3: Delete All
- 4: Memory Status

6: Calculator

7: Currency Converter

8: World Time

2: Messaging

- 1: Text Message
 - 1: Create New Message
 - 2: Inbox
 - 3: Outbox
 - 4: Templates
 - 5: Emoticon Templates
 - 1: Feeling
 - 2: Action
 - 3: Etc
 - 4: My Emoticons
 - 6: Delete All
- 2: Multimedia Message
 - 1: Create New Message
 - 2: Inbox
 - 3: Outbox
 - 4: Drafts
 - 5: Templates
 - 6: Delete All
- 3: Browser Messages
 - 1: Inbox
 - 2: Settings
 - 3: Delete All
- 4: Settings
 - 1: Text Message
 - 1: Settings 1
 - 2: Email Settings
 - 3: Empty
 - 4: Common Setting
 - 2: Multimedia Message
 - 1: Sending Options
 - 2: Receiving Options
 - 3: Profiles
 - 4: Page Duration
 - 3: Broadcast Message*
- 5: Memory Status
 - 1: Text Message
 - 1: SIM Memory

- 2: Phone Memory
- 3: CB Memory*
- 2: Multimedia Message
- 3: Recent Calls
 - 1: Missed Calls
 - 2: Calls Made
 - 3: Calls Received
 - 4: Voice Mail
 - 1: Connect to Voice Server
 - 2: Voice Server Number
 - 1: Voicemail
 - 2: Voice Server 2
 - 5: Delete All
 - 6: Call Time
 - 1: Last Call Time
 - 2: Total Sent
 - 3: Total Received
 - 4: Reset Time
 - 7: Data Volume
 - 1: Last Sent Data
 - 2: Last Received Data
 - 3: Total Sent Data
 - 4: Total Received Data
 - 5: Reset Data Volume
 - 8: Data Call Time
 - 1: Recent Time
 - 2: Total Time
 - 3: Reset Data Call Time
- 4: MEdia Net
 - 1: MEdia Net Home
 - 2: Favorites
 - 3: Enter URL
 - 4: Browser Profiles
 - 5: Clear Cache
- 5: AT&T Mall
 - 1: Shop Tones
 - 2: Shop Games
 - 3: Shop Graphics

- 4: Shop Multimedia
- 5: Shop Applications
- 6: MEdia Net Home
- 6: Games
 - 1: Shop Games
 - 2: Shop Applications
 - 3: My Games
- 7: My Stuff
 - 1: Ringtones/Audio
 - 1: Shop Tones
 - 2: Downloaded Audio
 - 3: Default Ringtones
 - 2: Graphics
 - 1: Shop Graphics
 - 2: Downloaded Graphics
 - 3: My Photos
 - 4: Default Wallpapers
 - 3: Delete
 - 4: Memory Status
 - 1: Audio & Graphics
 - 2: My Photos
- 8: Address Book
 - 1: Contact List
 - 2: Add New Contact
 - 3: Group
 - 4: Edit Group
 - 5: Speed Dial List
 - 6: Reject List
 - 7: Own Number
 - 1: Number 1 (displays handset number from SIM)
 - 2: Number 2
 - 3: Number 3
 - 4: Number 4
 - 8: Management
 - 1: Delete All
 - 2: Memory Status
 - 9: Service Number*

9: Settings

- 1: Set Sound
 - 1: Incoming Call
 - 2: Keypad Tone
 - 3: Message Tone
 - 1: Text Message
 - 2: Multimedia Message
 - 3: Broadcast Message*
 - 4: Folder Tone
 - 5: Power On/Off Tone
 - 6: Silent Mode
 - 7: Extra Tones
- 2: Set Display
 - 1: Wallpaper
 - 1: Shop Graphics
 - 2: Wallpaper List
 - 2: Info Display
 - 1: Text Display
 - 2: Text Color
 - 3: Graphic Logo
 - 1: Off
 - 2: On
 - 4: Dialing Display
 - 1: Rainbow
 - 2: Monochrome
 - 3: Basic
 - 5: Light Settings
 - 1: Brightness
 - 2: Backlight Time
 - 3: Keypad Light
- 3: Set Time & Date
 - 1: Set Time
 - 2: Set Date
 - 3: Set Format
 - 4: Auto Update
- 4: Set Phone
 - 1: Language

- 2: Shortcuts
 - 1: Up Key
 - 2: Down Key
 - 3: Right Key
 - 4: Left Key
- 3: Security
 - 1: Lock Phone
 - 2: Lock SIM Card
 - 3: Check PIN Code
 - 4: Lock Applications
 - 5: Set FDN Mode
 - 6: Change Phone Password
 - 7: Change PIN Code
 - 8: Change PIN2 Code
- 4: Greeting Message
- 5: Extra Settings
- 6: Airplane Mode
- 5: Network Services
 - 1: Call Forwarding
 - 1: Forward Always
 - 2: Busy
 - 3: No Reply
 - 4: Unreachable
 - 5: Cancel All
 - 2: Call Barring*
 - 1: All Outgoing Calls
 - 2: Outgoing International Calls
 - 3: International Calls except for Home
 - 4: All Receiving Calls
 - 5: Receiving Calls while Abroad
 - 6: Cancel All
 - 7: Change Barring Password
 - 3: Call Waiting
 - 1: Voice Call
 - 2: Data Call
 - 3: Cancel All

4: Network Selection*

5: Caller ID

1: Set by Network

2: Hide Number

3: Show Number

6: Reset Settings

* Shows only if supported by your SIM card.

Section 5: Entering Text

Topics Covered

- Changing the Text Input Mode
 - Using T9 Mode
 - Using Alphabet Mode
 - Using Symbols
 - Using Numbers
-

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

Changing the Text Input Mode

The **Text Input** option switches the key entry functions from T9 Mode, AB Mode, Numeric Mode, and Symbols Mode.

T9 Mode

This mode 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 5 key can enter J, K, or L. However, the T9 mode 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.

Ab (Alphabetic) Mode

This mode 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 it displays.

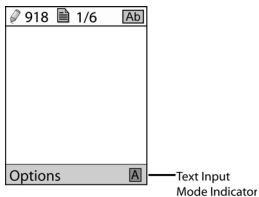
Numeric Mode


This mode allows you to enter numbers.



Symbols Mode

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

When you are in a field that allows characters to be entered, you will notice the text input mode indicator on the display.




1. To change the text input mode, press the  key. You will cycle through the following modes:
2. Choose from the following options for the Text Mode:

 : Alphanumeric mode: change between alpha modes by pressing the  key. Modes are: Ab, AB, ab

 : Numeric mode

: Symbol mode does not display an icon on the bottom in the Text Input Mode Indicator, but displays the available symbols, and allows you to select a symbol to enter into the text message. Press **OK** to enter the symbol once selected. 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 **Back** soft key to exit.

 : T9 mode: predictive text mode

Using T9 Mode

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

Enter a Word in T9 Mode

In T9 mode, begin entering a word by pressing the **2 to 9** 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


, , , , 

Using Alphabet Mode

The word that you are typing appears in the display. It may change with each key that you press.

3. Enter the whole word before editing or deleting the keystrokes.



4. When the word displays correctly, go to step 5.

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" have the  and  keys. The phone displays the most commonly used choice first.





5. 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 is displayed and if your desired word has not displayed, the left soft key becomes **Add**. Press the **Add** soft key and a window displays where you may type in the word using the needed alphabetic mode.
3. When the word is complete, press the **OK** soft key or the  key.

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 the  key. T9 mode applies grammar rules to ensure that correct punctuation is used.
- To shift case in T9 mode, use the  key. There are 3 cases: Initial capital, Capital lock, and Lower case.
- You can move the cursor by using the Left and Right keys. To delete letters, press the  key. Press and hold the  key to clear the display.

Using Alphabet Mode

To use the Alphabet Mode use the  to  keys to enter your text and desired punctuation.

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 different 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 _
-  ABC2 Å Ä Æ Ç Γ a b c 2 ä å æ Γ
-  DEF3 É Δ φ δ e f 3 è é Φ
-  GHI4 Θ Ψ ghi 4 i Ψ
-  JKL5 Λ j k l 5 Λ
-  MNO6 Ñ Õ Ö ö m n o 6 ñ ø ö ð
-  PQRS7 Π Σ π ρ ρ s 7 β Σ Ξ
-  TUV8 Û Ü ü t u v 8 ù ü
-  WXYZ9 Ω w x y z 9 Ω
-  Space + = < > € £ \$ % & ¥ ¤ 0

Entering Symbols

Symbol mode enables you to insert symbols and punctuation marks into text.

1. To enter symbol mode press the  key.
2. To select a symbol, press the corresponding number key.
3. To display more symbols, press the **Up** or **Down** Navigation 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 insert the symbol(s) into your message, press the **OK** soft key or the  key.

Using Numbers

Number mode enables you to enter numbers into a text message. Press the keys corresponding to the digits you want to enter.

Section 6: Understanding Your Address Book

Topics Covered

- Using Contacts List
 - Adding a New Contact
 - Groups
 - Edit Group
 - Speed Dial List
 - Reject List
 - Finding My Own Phone Number
 - Management
 - Using the Service Dialing Numbers
-

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

Using Contacts List



Dialing a Number from Address Book


Once you have stored phone numbers in the Address book, you can dial them easily and quickly by using the location numbers that were assigned to them in the Address Book.

Finding an Address Book Entry

You can store phone numbers and their corresponding names in your SIM card and phone's memories. They are physically separate but are used as a single entity, called Address Book.

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

1. When the Idle screen displays, press the **Menu** soft key.
2. Highlight **Address Book**, and press the **Select** soft key or the  key.
3. Select **Contact List** and press the **Select** soft key or the  key.

4. Enter the first few letters of the name.
The Address Book entries are listed, starting with the first entry matching your input.
5. To select a different entry, press the **Up** or **Down** Navigation key until the entry you want is highlighted.
6. Once you have found the entry, press the  key to dial the number, or press the **View** soft key to access the Address Book entry options.

Using 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:

- **Edit:** allows you to edit one address book entry or all entries. Press the **OK** soft key to save.
- **Send Message:** allows you to send a text message or a multimedia message to this contact.
- **Call:** allows you to call this contact.
- **Copy to Phone/SIM:** allows you to copy the contact information from the SIM to the phone or from your phone to your SIM.
- **Assign Speed Dial:** allows you to set the speed dial key for this entry.
- **Delete:** allows you to delete the **selected** address book entry.
- **Caller Group:** allows you to assign the selected entry to a caller group.
- **Add Entry:** allows you to add a new address book entry.








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. When the Idle screen displays, press the **Menu** soft key.
2. Highlight **Address Book**, press the **Select** soft key or the  key.
3. Scroll to **Add New Contact** by pressing the **Up** or **Down** key and press the **Select** soft key or the  key.
4. Select the primary number type for the contact from the icons shown. Press the **Select** soft key or the  key to continue. The following icons are represented:
 - **Mobile:** assigns the number entered to the Mobile entry.
 - **Office:** assigns the number entered to the Office entry.

Adding a New Contact

- **Home**: assigns the number entered to the Home entry.
 - **E-Mail**: allows you to enter an e-mail address for the contact.
5. Select the location where the entry will be saved (**SIM Card** or **Phone**). Press the **Select** soft key or the  key.
 6. Select **Phone** and press the **Select** soft key or the  key.
 7. Enter the information on the **Enter Name** screen. To change text entry mode press the  key. For further details about how to enter characters, see "Using Alphabet Mode" on page 36.
 8. Press the **OK** soft key or the  key to save new contact name entry.
 9. Enter the additional information which can be an additional type of number or an email address.
 10. Press the **OK** soft key or the  key to save the additional contact entry.
 11. Press the **OK** soft key or the  key to save completed entry. The **Address Book Store at Location xx To Phone** screen displays. Press the **OK** soft key or the  key to verify the save.





Note: At this point, if you have changed your mind and want to save the entry to the SIM card, you can press the **To Card** (right) soft key. If your entry has an E-Mail address, however, it may only be saved to the Phone.

The entry in the Address book displays. To add additional contact information to this entry, press the **Options** soft key.






12. Use the **Up** or **Down** key to highlight **Add Entry**, and press the **Select** soft key or the  key. Choose the additional contact information to add, using the **Left** and **Right** navigation keys. Press the **Select** soft key or the  key.
13. Enter the additional contact information, then press the **Save** soft key or the  key to save. Confirm the Address Book location by pressing the **OK** soft key or the  key. The updated record displays.
14. To return to the Idle screen, press the  key. To access options for the entry, press the **Options** soft key. The possible options for the Address book entry are:
 - **Edit**: allows you to edit the Address Book entry
 - **Send Message**: allows you to send a text message to the Address book entry.
 - **Call**: allows you to call the Address book entry, and select the number to call if more than one are listed.

- **Copy to SIM/Copy to Phone:** allows you to copy the Address Book entry to the SIM card (only one phone number will be copied), or copy the Address Book entry from the SIM card to the phone memory.
- **Assign Speed Dial:** allows you to assign the Address Book entry to a Speed Dial number on the Speed Dial List.
- **Delete:** allows you to delete the Address Book entry. This will delete all information associated with the entry.
- **Caller Group:** allows you to assign the Address Book entry to a Caller Group.
- **Add Entry:** allows you to add another phone number or email address to the Address Book entry.

Storing a Number in the SIM Card






1. When the Idle screen displays, press the **Menu** soft key.
2. Highlight **Address Book**, press the **Select** soft key or the  key.
3. Scroll to **Add New Contact** by pressing the **Up** or **Down** key and press the **Select** soft key or the  key.
4. Select the primary contact type for the contact from the icons shown. Press the **Select** soft key or the  key to continue. The following icons are represented:
 - **Mobile:** assigns the information entered to the Mobile entry.
 - **Office:** assigns the number entered to the Office entry.
 - **Home:** assigns the number entered to the Home entry.
 - **E-Mail:** allows you to enter an e-mail address for the contact.
5. Select the location where the entry will be saved: **SIM Card** or **Phone**. Press the **Select** soft key or the  key.

Note: If you selected an E-Mail address, the only option available is Phone. E-Mail addresses may not be saved on SIM cards.

6. Select **SIM Card** and press the **Select** soft key or the  key.
7. Enter the information on the **Enter Name** screen. To change text entry mode press the  key. For further details about how to enter characters, see "Using Alphabet Mode" on page 36.
8. Press the **OK** soft key or the  key to save new contact name entry.
9. Enter the number (if you are storing on the SIM card, it must be a phone number and not an email address).
10. Press the **OK** soft key or the  key to save on the SIM card. Press **OK** soft key or the  key to verify the position on the SIM.




Note: At this point, if you have changed your mind and want to save the entry to the phone, you can press the **To Phone** (right) soft key.

The entry on the SIM card displays.

11. To add additional contact information to this entry, press the **Options** soft key. Use the **Up** or **Down** key to highlight **Add Entry**, and press the **Select** soft key or the  key. Choose the additional contact information to add, using the **Left** and **Right** navigation keys. Press the **Select** soft key or the  key.
12. Enter the additional contact information, then press the **OK** soft key or the  key to save. The updated record displays.
13. Press **OK** soft key or the  key to verify the position on the SIM. To return to the Idle screen, press the  key. To access options for the entry, press the **Options** soft key. The following options display:
 - **Edit:** allows you to edit the entered name and phone number.
 - **Send Message:** allows you to send a text or multimedia message to the contact.
 - **Call:** allows you to call the entry, using the highlighted contact number.
 - **Copy to SIM/Copy to Phone:** allows you to copy the contact to the phone.
 - **Assign Speed Dial:** allows you to assign a speed dial number to the contact (2-9).
 - **Delete:** allows you to delete the contact.
 - **Caller Group:** allows you to assign the contact to a caller group.
 - **Add Entry:** allows you to add additional information to the contact (such as home number, business number, and email address).

Dialing a Number from the SIM Card







When you store a contact on the SIM card, that contact will be transferred to another phone if you use the same SIM card. On this handset, contacts stored on the SIM may be dialed directly without assigning a speed dial number, using the following procedure:

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

Groups

Groups can be used to set up distinctive ringing, or as a method to send a text or multimedia messages to selected contacts. To be assigned to a Group, the contact must already exist in your Address Book.



To assign a contact to a Group,

1. When the Idle screen displays, press the **Menu** soft key.
2. Highlight **Address Book**, press the **Select** soft key or the  key.
3. Select **Contact List** and press the **Select** soft key or the  key.
4. Scroll to then highlight the contact to be added to a group by pressing the **Up** or **Down** key, then press the **View** soft key or the  key.
5. Press the **Options** soft key.
6. Scroll to **Caller Group** by pressing the **Up** or **Down** key, then press the **Select** soft key or the  key.
7. Select the group to which the contact is added, then press the **Select** soft key or the  key.
8. Continue to add contacts to groups until completed. When you are finished, press the  key to return to Idle mode.


Viewing a Group

You can view the contacts that you have assigned to a group by using the Address Book **Group** option. You will not be allowed to make additions, deletions, or changes except through the Contact List options.

Edit Group

1. When the Idle screen displays, press the **Menu** soft key.
2. Highlight **Address Book**, press the **Select** soft key or the  key.
3. Scroll to **Edit Group** by pressing the **Up** or **Down** key and press the **Select** soft key or the  key.
4. Scroll through the group list by pressing the **Up** or **Down** navigation key.
5. When the group you want to edit highlights, press the **Options** soft key.
The following options are available:
 - **Voice Call Ringtone:** allows you to set the ringtone associated with this group. Choose from the Default Ringtones or from the Downloaded Ringtones.
 - **Message Tone:** allows you to set the ringtone associated with this group when receiving a message or multimedia message.

Speed Dial List




- **Graphic:** allows you to assign a graphic from your My Stuff folder to identify the group.
 - **Group Name:** allows you to change the name of the group.
6. When you are finished, press the  key to return to Idle mode.

Speed Dial List



Once you have stored contacts with their phone numbers in your Address book list, you can set up to eight speed-dial entries and then dial them easily from Idle mode whenever you want, simply by pressing and holding the associated numeric key.

Note: You must already have the contact set up for speed dialing.


Setting Up Speed Dial Entries







1. When the Idle screen displays, press the **Menu** soft key.
2. Highlight **Address Book**, press the **Select** soft key or the  key.
3. Scroll to **Speed Dial List** by pressing the **Up** or **Down** key, then press the **Select** soft key or the  key.
4. Select the speed-dial number that you wish to assign (from the 2 to 9 keys), and press the  key.

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






5. Select the contact from your Contact List that you would like to assign to the selected Speed Dial number. If that contact has multiple numbers listed, highlight the one to be assigned to the selected Speed Dial Number. To save, press the **Select** soft key or the  key.
6. Once you have entries in the Speed Dial List, you may choose from the following options:
 - **Change:** allows you to change the contact assigned to this speed dial key.
 - **Delete:** allows you to delete a speed dial entry.
 - **Delete All:** allows you to delete all speed dial entries.
 - **Number:** allows you to display the number assigned to this speed dial key.
7. Select the entry you would like to add and press the **Select** soft key or the  key to save the entry.

Changing a Number Assigned to a Key

1. When the Idle screen displays, press the **Menu** soft key.
2. Highlight **Address Book**, press the **Select** soft key or the  key.

3. Scroll to **Speed Dial List** by pressing the **Up** or **Down** key, press the **Select** soft key or the  key.
4. Highlight the **Speed Dial List** entry you wish to change and press **Options** soft key or the  key.
5. The **Change** option is highlighted. Press the **OK** soft key or the  key. Your Contact List displays.
6. Select the new contact to associate with this speed-dial number, and press the **View** soft key or the  key. If the contact selected has more than one contact entry (as in a home number and a cell number), highlight the number that is to be used when Speed Dial is used.
7. Press the **Select** soft key or the  key.
8. When you are finished, press the  key to return to Idle mode.



Deleting Speed Dial Entries

1. When the Idle screen displays, press the **Menu** soft key.
2. Highlight **Address Book**, press the **Select** soft key or the  key.
3. Scroll to **Speed Dial List** by pressing the **Up** or **Down** Navigation key, press the **Select** soft key or the  key.
4. Select the speed dial entry you wish to delete from the list by pressing the **Up** or **Down** Navigation key to highlight. Press the **Options** soft key.
5. Select **Delete** or **Delete All** and press the **OK** soft key or the  key. When you select **Delete** or **Delete All**, you will be asked to confirm that you wish to delete the number (or all the numbers) except 1, your Voice Mail Server. Press the **Yes** soft key or the  key to confirm the deletion.
6. When you are finished, press the  key to return to Idle mode.

Reject List



The **Reject List** is a group of numbers that your handset will automatically reject and send to automated voice mail. The message the caller receives is that your number is unavailable.

Adding a Number to the Reject List






1. When the Idle screen displays, press the **Menu** soft key.
2. Highlight **Address Book**, press the **Select** soft key or the  key.
3. Scroll to **Reject List** by pressing the **Up** or **Down** Navigation key, then select by pressing the **Select** soft key or the  key.

Reject List



The Reject List displays. If you have no entries in your Reject List, only the **Add New** option is available.




4. Select **Add New**, then press the **Select** soft key or the  key.
There are four options available under Add New:
 - **Number**: allows you to enter a number to the Reject List.
 - **Contacts**: allows you to add a contact from your Address Book.
 - **Group**: allows you to add a group from your Group list.
 - **Recent Calls**: allows you to access your Recent Calls log, and select the number to reject from the log.
5. When you are finished, press the  key to return to Idle mode.

Editing an Entry on the Reject List

1. When the Idle screen displays, press the **Menu** soft key.
2. Highlight **Address Book**, press the **Select** soft key or the  key.
3. Scroll to **Reject List** by pressing the **Up** or **Down** Navigation key, then select by pressing the **Select** soft key or the  key.
The Reject List displays.
4. Scroll to the contact on the list by pressing the **Up** or **Down** Navigation key.
5. Press the **Options** soft key and select the **Edit** function. Press the **Select** soft key or the  key.
6. Make the necessary edits to the contact or number, then press the **Save** soft key or the  key.
7. When you are finished, press the  key to return to Idle mode.

Deleting an Entry on the Reject List



1. When the Idle screen displays, press the **Menu** soft key.
2. Highlight **Address Book**, press the **Select** soft key or the  key.
3. Scroll to **Reject List** by pressing the **Up** or **Down** Navigation key, then select by pressing the **Select** soft key or the  key.
The Reject List displays.
4. Scroll to the contact on the list by pressing the **Up** or **Down** Navigation key.
5. Press the **Options** soft key and select the **Delete** function. Three options display: **Selected**, **Multiple**, and **All**.
6. To delete the selected entry only, choose the **Selected** option, and press the **Select** soft key. You will be asked to confirm the delete. Press the **Yes** soft key.

- To delete multiple entries, choose the **Multiple** option, and press the **Select** soft key. Select the entries on the Reject List to delete by using the  key to put a check in the appropriate box. Press the **Delete** soft key or the  key. You will be asked to confirm the delete. Press the **Yes** soft key.
- To delete all entries, choose the **All** option, and press the **Select** soft key. You will be asked to confirm the delete. Press the **Yes** soft key and all entries on the Reject List will be deleted.
- When you are finished, press the  key to return to Idle mode.

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 your 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 your SIM card.

- When the Idle screen displays, press the **Menu** soft key.
- Highlight **Address Book**, press the **Select** soft key or the  key.
- Select **Own Number** by pressing the **Up** or **Down** key and press the **Select** soft key or the  key.
- Highlight **Number 1**, and your mobile number displays in a pop up.
- Enter additional numbers in the 2, 3, and 4 fields.

Caution: While it is possible to edit **Number 1**, as it is the number assigned to the SIM it would mean that your handset could no longer receive calls.


- Press the  key to **Save**.

Management








The Management option allows you to copy, delete, and view the memory status for the Phone and SIM entries on your phone.

Delete All of the Address Book Entries

You can delete All, Phone, SIM, and SIM (FDN) entries from your phone's memory.





- When the Idle screen displays, press the **Menu** soft key.
- Highlight **Address Book**, press the **Select** soft key or the  key.

Using the Service Dialing Numbers

3. Scroll to **Management** by pressing the **Up** or **Down** Navigation key and press the **Select** soft key or the  key.
4. Highlight **Delete All** and press the **Select** soft key or the  key.
5. Highlight the memory location you want to empty and press the  key. You can remove the check mark by pressing the  key again.
6. Press the **Delete** soft key to delete the entries in the selected memory location.
7. Enter the password and press the **OK** soft key or the  key.
8. At the **Delete All?** confirm screen, press the **Yes** soft key to continue, or the **No** soft key to cancel.
9. When the confirmation message appears, press the **Yes** soft key or the  key to confirm deletion. Press the **No** soft key to cancel deletion.
10. When you are finished, press the  key to return to Idle mode.


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. When the Idle screen displays, press the **Menu** soft key.
2. Highlight **Address Book**, press the **Select** soft key or the  key.
3. Scroll to **Management** by pressing the **Up** or **Down** Navigation key and press the **Select** soft key or the  key.
4. Select **Memory Status** by pressing the **Up** or **Down** Navigation key and press the **Select** soft key or the  key.
5. When you are finished viewing your phone's **Memory Status**, press the  key to return to Idle mode

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. When the Idle screen displays, press the **Menu** soft key.
2. Highlight **Address Book**, press the **Select** soft key or the  key.

3. Select **Service Number**, by pressing the **Up** or **Down** Navigation key and press the **Select** soft key or the  key.
4. Scroll through the numbers by using the **Up** or **Down** Navigation key.
5. To dial the number displayed, press the  key.

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

Section 7: Messaging

Topics Covered

- Types of Messages
 - Creating and Sending New Messages
 - Settings
 - Using Browser Messages
 - Memory Status
-

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:

- Text Messages
- Multimedia Messages
- Browser Messages


Creating and Sending New Messages

Text Messaging allows you to send and receive short text messages to and from other mobile phones.

In addition, your phone supports the Multimedia Messaging, which enables you to include simple pictures, melodies, and animated images in your messages. To use this feature, you must subscribe to your service provider's message service.


New messages may also be sent to email addresses. These may be plain text messages or multimedia messages.

Text Messages

The Message icon () displays when you have received new text 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 obsolete messages.

1. In Idle mode, press the **Menu** soft key to access Menu mode.

2. Select **Messaging** and press the **Select** soft key or the  key. Using the **Up** or **Down** Navigation key, highlight **Text Message** and press the **Select** soft key or the  key.
3. Highlight **Create New Message** and press the **Select** soft key or the  key. Create your message.
4. When you have finished writing your message, press the **Options** soft key. Choose from the following options:
 - **Send**: allows you to send the message.
 - **Text Formatting**: allows you to set the text size, underline, and strikethrough for the text entered.
 - **Add MEDIA**: allows you to add pictures, animation, or melody to your message. If you add media to your text message, it will be sent as a Multimedia Message.
 - **Add Picture**: allows you to add a picture to your message.
 - **Add Animation**: allows you to add an animation to your message. Select between Preset Animation or My Animations.
 - **Add Melody**: allows you to add a melody to your message. Select between Preset Melodies and My Melodies.
 - **Templates**: allows you to insert one of the preset message templates to the text.
 - **Add from Favorites**: allows you to add a website address from your favorite internet addresses.
 - **Save Message**: save the message in the Phone or SIM.
 - **Select Language**: allows you to set the language to English, Français, or Español.
5. Select **Send** and press the **Select** soft key or the  key. At the Recipients screen, you may enter a destination number directly, or choose the **Options** soft key to select **Destination** options. Options are:
 - **Send Message**: allows you to send message. You must have a destination entered or you will receive an error message and be returned to the message input screen.
 - **Address Book**: allows you to select an entry from your Address Book, and within that entry, a specific number to send the message to.
 - **Group**: allows you to select a Group to send the message to. Each entry listed in the group will receive the text message.
 - **Delete Destination**: allows you to delete the current destination from the text message.
6. Highlight the entry and press the **Select** soft key. Once a recipient or destination is entered or selected, press the **Options** soft key to send.

7. Highlight the **Send Message** option, and press the **Select** soft key or the  key to send the message.

Multimedia Messages

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Messaging** and press the **Select** soft key or the  key.
3. Highlight **Multimedia Message** and press the **Select** soft key or the  key.
4. Using the **Up** or **Down** Navigation key, highlight **Create New Message** and press the **Select** soft key or the  key. Enter the Subject of your message. Press the **OK** soft key to save the subject text.
5. Press the **Options** soft key to view the following options. Each option represents a page to your multimedia message.
 - **Add Text**: allows you to add text to the message.
 - **Add Photo**: allows you to add a photo from your My Photos or to take a picture for the message.
 - **Add Picture**: allows you to add a picture to the message.
 - **Add Audio**: allows you to add an audio clip or to record and add an audio clip to your message.
 - **Send**: allows you to send the message.
 - **Save**: saves the message to Drafts folder.
 - **Settings**: allows you to select:
 - Delivery Report
 - Expire Date
 - Delivery Time
 - Priority
 - **Preview**: allows you to preview the message before sending.
6. Using the **Up** or **Down** Navigation key, highlight each option that you want to use and press the **Select** soft key or the  key. Press the **Options** key, and the remaining options display.

Note: As you select and enter media pages from options on the **Options** list, that option will no longer be available during the creation of the message. Each subsequent **Options** list will show the used media options as unavailable.

7. When all media pages have been added, the options listed for the message are:
 - **Add Page**: allows you to add additional pages to the message.
 - **Delete**: allows you to delete the message.



- **Duration:** lets you know the duration of the message.
 - **Send:** allows you to send the message.
 - **Save:** allows you to save the message to the Drafts folder.
 - **Settings:** allows you allows you to select:
 - **Delivery Report**
 - **Expire Date**
 - **Delivery Time**
 - **Priority**
 - **Preview:** allows you to preview the message before sending.
8. When you have finished creating the message, press the **Options** soft key and highlight the **Send** menu option.
 9. The **Send** screen displays, press the **Options** soft key. Type in the recipient number, or choose recipient as entries from your Address Book, a Group in your Address Book, or an email address.
 10. When you have finished entering destination entries, press the **Send** key.


Retrieving New Text Messages

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




Retrieving a Multimedia Message

When a new Multimedia message comes in, the display shows the Multimedia Message icon (📎) and a text notification along with the sender's number.

1. Press the **View** soft key to view brief information about the message, such as the sender's number, the message size, and the subject.
If you want to view the message later in the Inbox, press the **Back** soft key.
2. To view the message, press the **Select** soft key or the  key. The message is retrieved and displayed.
3. Press the **Options** soft key or the  key to access the following options:
 - **Delete:** allows you to delete the message.
 - **Reply:** allows you to reply to the message.
 - **Reply All:** allows you to reply to all the recipients of the message.
 - **Call Back:** allows you to call the sender of the message.
 - **Extract Address:** allows you to move the address to the contacts list.
 - **Forward:** allows you to forward the message to another person.

- **Save Picture:** saves the picture to the My Stuff folder.
 - **Save Sound:** saves the audio clip to audio folder.
 - **Properties:** shows you detailed information about the message.
4. To scroll through the message, press the **Up** or **Down** key.
 5. When you have finished, press the  key.

Viewing a Message

1. In Idle mode, press the **Menu** soft key and highlight **Messaging**. Press the **Select** soft key or the  key.
2. Highlight either the **Text Message** or the **Multimedia Message** folder and press the **Select** soft key or the  key.
3. Highlight **Inbox** and press the **Select** soft key. The message list opens.
4. Select a message on the list. The message content displays.
5. Press the **Up** or **Down** key to scroll through the message screen. For an Multimedia message, press the **Left** or **Right** key to scroll to other pages, if the message has more than one page.
6. When you have finished, press the  key.

Using Message Options

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

Options for Text Messages

- **Reply:** allows you to reply to the message via Text message.
- **Call Back:** allows you to dial the originating message number.
- **Forward:** allows you to forward the message.
- **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 saved to the SIM card.
- **Extract Address:** allows you to save the recipient or sender's number and URL, Email addresses or phone numbers from the message text.
- **Save Media:** allows you to save sent media to your My Stuff folder.




Options for Multimedia Messages

- **Delete:** allows you to delete the message.
- **Reply:** allows you to reply to the message.
- **Reply All:** allows you to reply to all the recipients of the message.

- **Call Back:** allows you to call the sender of the message.
- **Extract Address:** allows you to move the address to the contacts list.
- **Forward:** allows you to forward the message to another person.
- **Save Picture:** saves a photo to the Graphics folder.
- **Save Sound:** saves an audio file to the Ringtones/Audio folder.
- **Properties:** shows you detailed information about the message.




Using Message Templates

Your phone has message templates to allow you to retrieve them when creating a message. You can change the templates as your preferences or send a message immediately.




1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Messaging**, then select either **Text Message** or **Multimedia Message** mode, and press the **Select** soft key or the  key.
3. Highlight **Templates** and press the **Select** soft key or the  key.
4. Highlight a template and press the **Options** soft key to access the following options:
 - **Edit:** allows you to change the template.
 - **Send Message:** allows you to send an SMS and MMS message using the template.
 - **Delete:** deletes the template.
 - **Add New:** allows you to add a new template message.
5. When you have finished, press the  key.

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. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Messaging** and press the **Select** soft key or the  key.
3. Highlight either **Text Message** or **Multimedia Message** and press the **Select** soft key.
4. Using the **Up** or **Down** Navigation key highlight **Delete All** and press the **Select** soft key or the  key.
5. Select the message folder(s) you want to empty. Use the Navigation keys to highlight the folder and press the  key to mark the folder you want to delete.

To delete all of the messages in all folders, select **All Messages**.

6. Press the **Delete** soft key. At the “**Delete All?**” pop-up, press the  key to mark files with protection to be deleted or press the **Yes** soft key to delete.
7. Press the **Yes** soft key or the  key to confirm deletion.
8. When you have finished, press the  key.

Settings

You can set up various options for using messaging services.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Messaging** and highlight **Settings**. Press the **Select** soft key or the  key.
3. Select the type of message for which you want to edit the settings. Press the **Select** soft key or the  key.

Text Message

The following Setting options are available:

- **Settings 1**
 - Service Centre
 - Default Destination
 - Default Type
 - Default Validity
 - Setting Name
- **Email Settings**
 - Service Centre
 - Default Destination
 - Default Type
 - Default Validity
 - Setting Name
- **Empty:** allows you to set up a custom Setting.
 - Service Centre
 - Default Destination
 - Default Type
 - Default Validity
 - Setting Name
- **Common Setting**
 - Reply Path

- **Delivery Reports:** turn On/Off delivery reports.

Multimedia Message

The following Setting options are available:

- **Sending Options:** allows you to set the following sending options:
 - **Delivery Report:** when this option is enabled, the network informs you whether or not your message has been delivered.
 - **Expire Date:** allows you to set the amount of time before the message expires.
 - **Delivery Time:** you can set a time for when the phone sends your messages: Immediately, 6 Hours later, 12 Hours later, 1 Day Later, 1 Week Later.
 - **Priority:** you can select the priority level of your messages.
- **Receiving Options:** allows you to set the following receiving options:
 - **Auto Download:** multimedia files are automatically downloaded to your handset.
 - **Message Acceptance:** allows you to set whether you get all Multimedia Messages, or Information, Advertisement, or Anonymous messages.
 - **Report Allowed:** allows messages with a report.
- **Profiles:** you can select a connection profile to be used for sending and receiving Multimedia messages. Choose between the three options of MEdia Net, AT&T MMS, and AT&T JAVA. You can Activate, Edit, or Add New Connection profile.
- **Page Duration:** set the number of seconds a page displays.

Using Browser Messages

The Browser Messages function allows you receive browser messages that are sent from a browser location, most commonly broadcast messages from your provider.

Broadcast Message*

The following options are available:

- **Read:** allows you to read the first Broad Message displayed. Use the Navigation key to scroll through the messages.
- **Receive:** allows you to enable or disable the reception of broadcast messages.
- **Channel List:** allows you to indicate the channels from which you wish to receive broadcast messages. The following options are available:
 - **Select:** use to save the channel for future use.
 - **Add Channel:** use to enter the ID and title for a new channel.
 - **Delete:** use to remove a channel from the list.
 - **Edit:** use to change the ID and title of an existing channel.
- **Language:** allows you to select your preferred language in which to display cell broadcast messages.

Memory Status

Please contact your service provider for further details.

Memory Status

You can check the amount of the memory being used and the memory remaining for multimedia 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.

Section 8: Changing Your Settings



Topics Covered

- Set Sound
 - Set Display
 - Set Time & Date
 - Set Phone
 - Network Services
 - Reset 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.

Set Sound


You can customize various sound settings.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings** and press the **Select** soft key or the  key.
3. Select **Set Sound** and press the **Select** soft key or the  key. The following options are available. Use the **Down** Navigation key to scroll to and set options:

Incoming Call

This menu allows you to make a selection from the following categories:

- **Shop Tones**: allows you to access the internet to shop for a new ringtone.
- **Alert Type**: allows you to set the alert default. Choose from Melody, Vibration, or Vibration Then Melody.
- **Ringtone**: allows you to select from the preloaded ringtones.
- **Ringtone Volume**: allows you to set the volume for your ringer to sound when receiving an incoming call.

Press the **Up** or **Down** Navigation key to make selection. Press the **Select** soft key or the  key to save changes.

Keypad Tone

This menu allows you to select the tone and volume when you press the keypad.


1. Highlight **Tone** to select from Off, Xylophone, Simple, Tone, or Beep.
2. Highlight **Volume**, and use the **Up** or **Down** Navigation key to increase or decrease the volume.

Message Tone

This menu allows you to select how the phone informs you that a new Text Message, Multimedia Message, or Broadcast Message has been received.

For each message tone, the following options are available:

- **Off, Vibration, Tone1 ~ Tone4:** you can select a message tone.


Press the **Up** or **Down** Navigation key to make selection. Press the **OK** soft key or the  key to save changes.

Folder Tone

This menu allows you to set the tone played when you open and close your phone. Choose from Off (no sound is played when you open or close your phone), Future, or Crystal.


Power On/Off Tone

This menu allows you to enable/disable the melody that the phone sounds when it is switched on and off.

Press the **Up** or **Down** Navigation key to make selection. Press the **Select** soft key or the  key to save changes.

To turn off the sound, select **Off**.


Silent Mode

This menu item allows you to select what mode your phone will go in when you press and hold the  key. You can choose Vibration or Mute.

When **Vibration** is selected your phone will only vibrate.



When **Mute** is selected your phone will not make a sound or vibrate.

Press the **Up** or **Down** Navigation key to make selection.

Press the **Select** soft key or the  key to save changes.

Extra Tones

You can customize additional tones for the phone.



1. To turn a given tone on, press the  key. A check mark displays in front of the option.
2. To turn a given tone off, press the  key. The check mark no longer displays in front of the option.

The following options are available:

- **Error Tone:** sets whether or not the phone beeps when you have entered an incorrect key.
- **Minute Minder:** sets whether or not the phone beeps every minute during a call to keep you informed of the length of your call.
- **Connect Tone:** sets whether or not the phone to beep when your call is connected to the system.
- **Alert on Call:** This menu allows you to choose whether or not the phone informs you when you receive a new message or when the time for an alarm comes during a call.

Set Display

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

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings** and press the **Select** soft key or the  key.
3. Select **Set Display** and press the **Select** soft key or the  key.



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

Wallpaper

The wallpaper menu allows you to select from a list of **Shop Graphics** or **Wallpaper List**.

Info Display

Allows you to set the text display and text color.

1. Highlight **Info Display** and press the **Select** soft key or the  key.
2. Choose from **Text Display** or **Text Color** and press the **Select** soft key or the  key.

Graphic Logo

You can select the On or Off for the Graphic Logo. Press the **Select** soft key or the  key to save selection.


Dialing Display

In this menu, you can select the dialing font color. Choose **Rainbow**, **Monochrome**, or **Basic**. Press the **Select** soft key or the  key to save selection.

Light Settings



You can adjust the display **Brightness**, **Backlight Time**, or **Keypad Light** to see the Main LCD better in different lighting conditions.

Brightness

Press the **Left** or **Right** Navigation key or press the **Volume** keys to adjust the brightness. Press the **OK** soft key or the  key to save selection.

Backlight Time

In this menu, you can select the length of time for the Main LCD backlight and the Main LCD Dim.

- **On:** Settings available are: 15 seconds, 30 seconds, 1 minute, 3 minutes, and 10 minutes. Press the **Select** soft key or the  key to save selection.
- **Dim:** Settings available are: 15 seconds, 30 seconds, 1 minute, 3 minutes, and Off. Press the **Select** soft key or the  key to save selection.


Keypad Light


Use this option to set the keypad lighting. Select from the following options **Use at Any Time**, **Use at Night Time**, and **Use at Custom Time**. If **Use at Custom Time** is selected, the option **Set Time** is activated, and allows you to enter a specific time when the Keypad Light will be activated.

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.

Note: Before setting the time, you must specify your time zone in the World time menu. For more information, see "World Time" on page 81.



1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings** and press the **Select** soft key or the  key.

3. Select **Set Time & Date** and press the **Select** soft key or the  key.
The following options are available. Use the **Down** Navigation key to scroll to and set options:
 - **Set Time:** allows you to enter the current time using your keypad. Press the **OK** soft key to save. Use the **Up** or **Down** Navigation key to select **AM** or **PM**. Press the **Select** soft key or the  key to save selection.
 - **Set Date:** allows you to enter the current date using your keypad. Press the **OK** soft key to save.
 - **Set Format:** allows you to change the time format to **12 hours** or **24 hours**, and the date format between the three most common date formats used internationally. Use the **Up** or **Down** Navigation key to select which format. Press the **Select** soft key to save.
 - **Auto Update:** allows you to receive time information from your service provider's network. Use the **Up** or **Down** Navigation key to set Auto UpDate.
 - **Off:** you need to manually set the time and date according to the current time zone using the Set time menu.
 - **On:** the phone automatically updates the time and date according to the current time zone using the network service.
 - **Confirm First:** the phone asks for a confirmation before the update.
4. Press the **Select** soft key or the  to save your Time & Date settings.

Note: Automatic updates of time and date does 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:

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings** and press the **Select** soft key or the  key.
3. Using the **Up** or **Down** Navigation key highlight the phone setting you would like to edit, and press the **Select** soft key or the  key. The following options are available:

Language

You can select a display language. You can set the **Text Language**. The options are:

- **Automatic:** allows the language to be automatically selected according to the language of the SIM card used.
- **English**
- **French**
- **Spanish**

- Press the **Select** soft key or the  key to save selection.



Shortcuts

This menu displays what short cut options are associated with the Navigation keys. Press the **Select** soft key to change the **Shortcuts** option assignment.

Security

The Security feature enables you to restrict the use of your phone by others and to restrict the types of calls.

Various codes and passwords are used to protect the features of your phone.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Highlight **Settings** and press the **Select** soft key or the  key.
3. Highlight **Security** and press the **Select** soft key or the  key.

The following options are available. Use the **Up** or **Down** navigation key to scroll to and set options:

Lock Phone

When the **Phone Lock** feature is enabled, the phone is locked and you must enter the 4- to 8-digit phone password each time the phone is switched on.

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 **SIM Lock Card** feature is enabled, your phone only works with the current SIM. You must enter the SIM 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 **OK** soft key.

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.

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.

Note: Before disabling the **Check PIN Code** feature, you must enter your PIN.


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.

Lock Applications

Using the **Lock Applications** menu, you can lock the following categories:

- All
- Messaging
- Recent Calls
- Ringtones/Audio
- Graphics
- Address Book

1. Select the applications you want to lock by using the Navigation keys to highlight the application and press the  key to mark your selection.
2. Press the **OK** soft key to lock selected application. Enter your Password and press the **OK** soft key.
3. To access these locked applications, you must first enter the phone's password to access the associated menus.

Set FDN Mode

Set FDN (Fixed Dialing Number) Mode, if supported by your 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.

The following options are available:

- **Off:** you can call any number.
- **On:** you can only call the phone numbers stored in the SIM FDN list.

You must first enter your PIN2 password.

Note: If the PIN2 password is required, you can request it from your service provider.

Change Phone Password

The **Change Phone Password** feature 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

The **Change PIN Code** option allows you to change your current PIN, provided that the **Change PIN Code** 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.

Note: If the PIN password is required, you can request it from your service provider.

Change PIN2 Code

The **Change PIN2 Code** feature 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.



Greeting Message

This menu allows you to set a greeting to be displayed briefly when the phone is switched on.

For details about entering characters, see *"Entering Text"* on page 34.




Extra Settings

You can turn the automatic redialing or answering features on or off.

1. To turn a feature on, press the  key. A check mark displays in front of the option.
2. To turn a feature off, press the  key. The check mark no longer displays.

The following options are available:

Note: The interval between call attempts varies.

- **Auto Redial:** when this option is checked, the phone makes up to ten attempts to redial a phone number after an unsuccessful call.
- **Anykey Answer:** when this option is checked, you can answer an incoming call by pressing any key, except the  key or the **Reject** soft key. To reject the call, press the  key or the **Reject** soft key. When this option is unchecked, you must press the  key or **Accept** soft key to answer a call.



- **Open to Answer:** when this option is checked, you can simply open the phone to answer a call. When it is unchecked, you must open the phone and press a key to answer a call, depending on the setting of the Anykey Answer option.

Airplane Mode

The **Airplane Mode** option allows you to use many of your phone's features during a flight. Use the **Up** or **Down** Navigation keys to select **Off** or **On**. Press the **Select** soft key to make your selection. The radio that interconnects with the service provider's network is disabled, to avoid interference with the airplane's equipment. Applications and games are still available.

Network Services

The Network Service Settings allows you to manage the settings associated with your calls.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings** and press the **Select** soft key or the  key.
3. Select **Network Services** and press the **Select** soft key or the  key.


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

Call Forwarding

This network service enables incoming calls to be rerouted to the number that you specify.

Example: You may wish to forward your business calls to a colleague while you are on holiday.


To set your call forwarding options:

1. From the Network Services menu, select **Call Forwarding**.
2. Select a call forwarding option by pressing the **Up** or **Down** key and then press the **Select** soft key or the  key.

The following options are available:

- **Forward Always:** allows you to forward Voice Calls and Data Calls. Press the **Select** soft key and press the **Activate** and enter the forwarding number. To deactivate, follow the same steps and press the **Deactivate** soft key.
- **Busy:** allows you to forward Voice Calls and Data Calls to the designated number instead of your voice mail number if you are on another phone call.

Network Services

- **No Reply:** allows you to forward Voice Calls and Data Calls to the designated number instead of your voicemail number when there is no answer on your phone. You can choose the time setting from 5, 10, 15, 20, 25, and 30 seconds).
- **Unreachable:** calls are forwarded when you are not in an area covered by your service provider or when your phone is switched off.
- **Cancel All:** all call forwarding options are canceled.
 3. Select the call type, **Voice Calls** or **Data Calls**, by pressing the **Up** or **Down** key, and then press the **Select** soft key or the  key.
 4. Using the **Left** or **Right** Navigation key select **Activate**.
Select **Deactivate** to turn off call forwarding.
 5. Scroll to **Divert To**, enter or change the number to be called.
To enter an international code, press the **0** key until the **+** sign displays.
 6. Press the **Select** soft key to save changes.

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.

Call Waiting

This network service informs you when someone is trying to reach you during another call.

You can specify individual call waiting options for voice calls and/or data calls.

To set your call waiting options:

1. From the Network Services menu screen, select **Call Waiting**.
2. Select the call type, **Voice Call** or **Data Call**, to which the call waiting option is to be applied. Press the **Up** or **Down** Navigation key and then press the **Select** soft key or the  key.

Note: Data Call service is only available through a properly provisioned SIM card.

The screen informs you whether call waiting is activated or deactivated.
Select **Cancel All** to cancel all call waiting features.


3. Using the **Up** or **Down** Navigation key you can **Activate** or **Deactivate** the call waiting feature respectively.
4. Press the **Select** soft key to apply selection.

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. From the Network Services menu screen, select **Network Selection**.
2. Press the **Up** or **Down** key until the appropriate option highlights, then press the **OK** soft key or 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** key until the network you want highlights and then press the **OK** soft key or the  key.

The phone will scan for that network and you will be connected.

Caller ID

You can prevent your phone number from being displayed on the phone of the person being called.

Note: Some networks do not allow you to change this setting.


The following options are available:

- **Set by Network:** the default setting provided by the network is used.
- **Hide Number:** your number does not display on the other person's phone.
- **Show Number:** your number is sent each time you make a call.

Press the **Select** soft key to apply changes.

Reset Settings

You can easily reset your phone to its default settings. To reset your phone:

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings** and highlight **Reset Settings**. Press the **Select** soft key or the  key.

Reset Settings

3. In some cases, you will be prompted to enter your password. Enter and press the **OK** soft key.

All settings are reset to default settings.

Section 9: AT&T Mall

Topics Covered



- Shop Tones
 - Shop Games
 - Shop Graphics
 - Shop Multimedia Content
 - Shop Applications
 - Accessing the MEdia Net Home
-

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

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 your **Ringtones/Audio** folder.

To access this menu option, use the following steps:


1. When the Idle screen displays, press the **Menu** soft key.
2. Select **AT&T Mall** and press the **Select** soft key or the  key.
3. Highlight the **Shop Tones** menu option to launch the built-in browser and select a file to download. Follow the on-screen options. The downloaded files can be stored into either the **Ringtones/Audio** folder found within your My Stuff location.
4. Select an audio file and press the  key.
5. When you are ready to purchase the audio file, press the **Buy Now** button and 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 **My Games** folder. To access this menu option, use the following steps:



1. When the Idle screen displays, press the **Menu** soft key.
2. Select **AT&T Mall** and press the **Select** soft key or the  key.

Shop Graphics

3. Highlight the **Shop Games** menu option 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 **My Games** folder found within the **Games** location.
4. Select a game entry and press the  key.
5. When you are ready to purchase the game, press the **Buy Now** button 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, use the following steps:

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

Shop Multimedia Content



The **Shop Multimedia** menu option allows you to shop for multimedia files (videos) using the built-in browser. To access this menu option, use the following steps:

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

Note: Video may not be supported by your SIM card or by your service provider for this phone. Contact your service provider Customer Support for further information.


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 **My Games** folder. To access this menu option, use the following steps:

1. When the Idle screen displays, press the **Menu** soft key.
2. Select **AT&T Mall** and press the **Select** soft key or the  key.
3. Highlight the **Shop Applications** menu option to launch the built-in browser and select an application to download. Follow the on-screen options. The downloaded applications will be stored in the **My Games** folder.
4. Select an application file entry and press the  key.
5. When you are ready to purchase the application, press the **Buy Now** button to complete the transaction.

Accessing the MEdia Net Home

The **MEdia Net** menu option allows you to quickly access your MEdia Net homepage using the built-in browser. 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, use the following steps:

1. When the Idle screen displays, press the **Menu** soft key.
2. Select **AT&T Mall** and press the **Select** soft key or the  key.
3. Highlight the **MEdia Net Home** menu option to launch the built-in browser and launch this AT&T homepage.

Section 10: Tools

Topics Covered

- Alarms
 - Camera
 - Calendar
 - Voice Memo
 - Calculator
 - Currency Converter
 - World Time
-



The topics covered in this section are Alarms, Camera, Calendar, To Do List, Voice Memo, and Calculator.

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. In Idle mode, press the **Menu** soft key to access the menu mode.
2. Select **Tools** and press the **Select** soft key or the  key.
3. Highlight **Alarms** and press the **Select** soft key or the  key. The following options display:
 - **Wake-up Alarm:** the alarm rings to wake you up at the specified time.
 - **Once Alarm:** a one-time alarm.
 - **Daily Alarm:** an alarm for a daily occurrence.
 - **Remove Alarm:** removes an alarm.
 - **Auto Power-up:** the alarm rings even when the phone is turned off.
 - Select an alarm type and press the **Options** soft key. 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 62.

4. Set the following options:
 - **Remove Alarm:** use this option to remove any alarm settings you have made.
 - **Alarm Tone:** press the **Select** soft key or the  key to select a tone.
 5. Press the **Select** soft key to save changes.
-

Note: To stop the alarm when it rings, open the phone and press any key.

Setting Auto Power Alarms







You can set the phone to ring the alarm when the time for an alarm comes, if the phone is switched off.

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Tools** and press the **Select** soft key or the  key.
3. Highlight **Alarms** and press the **Select** soft key or the  key.
4. Select **Auto Power-up** and press the **Select** soft key.
5. Using the **Up** or **Down** Navigation key, highlight **On** and press the **Select** 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.
6. When you have finished, press the  key.


Camera

Taking Photos



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

1. In Idle mode, press the  **Options** soft key and select the **Camera** option, or press and hold the **Camera** key  on the right side of the handset.
Alternatively, in Idle mode, press the **Menu**  soft key and use the **Navigation** keys to highlight **Tools**. Press the **Select** soft key or the  key. Use the **Up** or **Down** Navigation key to highlight **Camera** and press the **Select** soft key or the  key.
2. Adjust the image by aiming the camera at the subject.
3. Press the  key to take the photo.

Note: Your camera produces photos in JPEG format.

4. Or before taking the photo, press the  soft key to access camera options.

Camera Options

- **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.
 - **Negative:** changes the image to a negative image display.
 - **Sepia:** adds a greyish look to the photo.
 - **Antique:** changes photo to add an orangish tint.
 - **Moonlight:** changes the image to appear bluish grey.
- **Frame:** adds a selected frame to the photo.
- **Shooting Mode:** allows you to take a photo in various modes. Once you change the mode, the corresponding indicator appears at the top right of the display.
 - **Normal Shot:** allows you to take a single photo and view it. Press the **Options** soft key to view the following options:
 - **Send:** allows you to send the photo in an MMS message.
 - **Set as Wallpaper:** allows you to set the photo as your wallpaper.
 - **Delete:** allows you to delete the photo you have taken.
 - **Rename:** allows you to rename the photo.
 - **Lock:** allows you to lock the photo to prevent deletion.
 - **Properties:** allows you to view the properties for this photo.
 - **Multi-Shot:** allows you to take 6, 9, or 15 shots automatically. Once you press the **Camera** key on the right side of the handset or the  key, the camera will take the shots sequentially (at either **Normal speed** or **High speed**). You then can look at the shots taken, and use the Navigation keys to select which shots to **Save**, or **Save All**. Press the **Clear** key to delete all.
 - **Mosaic Shot:** allows you to take multiple shots that will be arranged together into a single frame. You may select either 2X2 or 3X3 arrangement of shots. If you choose the Automatic mode for either 2X2 or 3X3, once you press the  key or the **Camera** key on the right of the handset, the pictures are taken with only a slight delay between the shots; if you choose the Manual mode, you control the taking of the shots. An icon on the display shows how many shots of the mosaic have been taken. When all pictures for the mosaic are shot, the composite shot displays. You may **Save** or **Cancel** the composite shot.

- **Timer:** allows you to set a time delay before the camera takes the photo.
 - Off
 - 3 Seconds
 - 5 Seconds
 - 10 Seconds
- **Camera Settings:** allows you to customize your camera settings. Choose the following options:
 - **Size:** allows you to set the image size. The icon for the selected image size appears on the capture screen.
 - **Quality:** allows you to select the picture quality setting. Choose from **Super Fine**, **Fine**, or **Normal**.
 - **Scene Program:** allows you to set the lighting for the photos. Choose **Normal** or **Night Time**.

Note: Various options of the Camera Settings may result in a photo file size greater than the 50K limit that is allowed by Multimedia Messaging Service. The default settings of the camera will allow a photo that can be sent via MMS.

- **Help:** allows you to see the shortcut keys associated when using the camera.
 5. Press the **Back** soft key to return to the picture viewer.
 6. You can use the keypad to quickly change the camera options using the camera shortcut keys.

Camera Shortcuts

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



takes photo.



zooms in or out.



adjust the image brightness.










zooms in.




zooms out.



changes the image size.





-  changes the image quality.
-  changes the camera shooting mode.
-  changes the camera effects.
-  adds frames to the picture being taken.
-  sets a time delay (Off, 3, 5, or 10 seconds).
-  switches to the Photo Album.
-  switches from full screen to standard screen viewfinder.

Camera Options after a Photo is Taken

After you have taken a photo, you can use various options by pressing the **Options** soft key. Highlight an option and press the **Select** soft key or the  key. The following options are available:





- **Send:** allows you to send the photo in an MMS message.
- **Set as Wallpaper:** allows you to set the photo as your wallpaper.
- **Delete:** allows you to delete the photo you have taken.
- **Rename:** allows you to rename the photo.
- **Lock:** allows you to lock the photo to prevent deletion.
- **Properties:** allows you to view the properties for this photo.

Accessing the Photos Folder

1. In Idle mode, press the **Menu**  soft key to access Menu mode.
2. Use the **Navigation** keys to highlight **My Stuff** and press the **Select** soft key or the  key.
3. Highlight **Graphics** and press the **Select** soft key or the  key.
4. Use the **Up** or **Down** Navigation key to select the **My Photos** folder press the **Select** soft key or the  key.

Calendar

The calendar feature allows you to view the Month, Week, and Day layout views. It also shows any Missed Alarm Events that have occurred. To access the Calendar menu, use the following steps:

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Tools** and press the **Select** soft key or the  key.
3. Highlight **Calendar** and press the **Select** soft key or the  key.
4. Press the **Options** soft key. Highlight the entry and press the **Select** soft key or the  key. Entries are **Search All**, **Delete All**, **Go to Date**, and **Exit**.
5. When you have finished, select the **Exit** option or press the  key.

To Do List



The **To Do List** allows you to create a list, then set Priority and Date. Once the entry has been created, you may perform the following:






- **New**: create another To Do List.
- **Mark**: indicate whether the activity has been Done or Not Done.
- **Edit**: allows you to edit the To Do List.
- **Sort**: allows you to sort the activities by priority and by whether they are done or not done.
- **Copy**: allows you to copy the To Do List to another date.
- **Copy to Calendar**: allows you to copy the To Do List to the Calendar, and set an Alarm.
- **Delete**: allows you to delete the selected To Do List.
- **Delete All**: allows you to delete all To Do Lists.
- **Exit**: allows you to exit from the To Do List function.

Voice Memo

This menu allows you to record a Voice Memo, shows a list of saved voice memos, allows you to delete all voice memos, and check the memory status. When a voice memo is recorded and saved, it is stored in the Voice Memo List folder.


To access this menu use the following steps:

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Tools** and press the **Select** soft key or the  key.
3. Highlight **Voice Memo** and press the **Select** soft key or the  key.
4. With **Record Voice** highlighted, press the **Select** soft key. To start recording, press the **Record** soft key. Record a memo by speaking into the microphone.


5. Press the **Stop** soft key or the  key to stop the recording. When the recording is complete, the following options are available:
 - **Replay**
 - **Re-Record**
 - **Save**
 - **Quit**
6. When you are ready to save, highlight the **Save** option and press the **Select** soft key.
7. Enter the name of the Voice Memo, or use the system default name, then press **OK** soft key.
8. Once you have an available Voice Memo, press the **Options** soft key to display the following options:
 - **Send**: allows you to send your memo to other people by using MMS.
 - **Rename**: allows you to change the memo's name.
 - **Delete**: allows you to delete the memo.
9. To exit, press the **Back** soft key or the  key.
10. In Idle mode, press the **Menu** soft key and select **Tools**.
11. Highlight **Voice Memo** and press the **Select** soft key or the  key.
12. Highlight **Voice Memo List** and press the **Select** soft key or the  key.
13. A list of voice memos displays. To play a recording, use the **Up** or **Down** Navigation key to highlight a recorded memo, and press the **Options** soft key.
14. To exit, press the **Back** soft key or 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. Highlight **Calculator** and press the **Select** soft key or the  key.
2. Enter the first number using the numeric keys.

Note: To include a decimal point or a bracket, press the left soft key until the symbol you want displays.



3. Enter the operation for your calculation by pressing the Navigation keys, according to the illustration on the display.
4. Enter the second number.
5. To view the result, press the  key.

Currency Converter

The Currency Converter provides for converting U.S. dollars using a Foreign Exchange Rate calculator.

World Time

The World Time tool allows you to determine how many time zones difference from your time zone a location is offset. You can also apply Daylight Savings Time to your own time zone.

1. Highlight **World Time** and press the **Select** soft key or the  key.
2. Use the **Left** or **Right** Navigation keys to browse cities and time zones.
3. Press the **Options** soft key to select the **Save** option, or press the  key to set the city or area as the new time zone. The displayed time will shift to reflect the time zone selected.

Section 11: My Stuff Folder




Topics Covered

- Ringtones/Audio
 - Graphics
 - Delete
 - Memory Status
-

The topics covered in this section are ringtones/audio, graphics, deleting downloaded ringtones/audio or graphics, deleting photos, and memory status.




Ringtones/Audio

The Audio menu option allows you to **Shop Tones** using the WAP browser. You can download and save to your Downloaded Ringtones folder. To access the Audio menu option, use the following steps:

1. In Idle mode, press the **Menu**  soft key to access Menu mode.
2. Use the **Navigation** keys to highlight **My Stuff** and press the **Select** soft key or the  key. **Ringtones/Audio** is highlighted, press the **Select** soft key or the  key.
3. Highlight the **Shop Tones** menu option to launch the WAP browser and select a file to download. Follow the on-screen options. The files downloaded will be stored in the **Downloaded Audio** folder.
4. Highlight **Default Ringtones** to select from the pre-loaded ringtones on your phone. Press the **Select** soft key to save the setting.

Graphics




The **Graphics** menu option allows you to shop graphics using the WAP browser. You can download new, and save to your Downloaded Graphics folder. To access the Graphics menu option, use the following steps:

1. In Idle mode, press the **Menu**  soft key to access Menu mode.
2. Use the **Navigation** keys to highlight **My Stuff** and press the **Select** soft key or the  key.
3. Highlight **Graphics** and press the **Select** soft key or the  key.

4. Highlight **Shop Graphics** menu option and press the **Select** soft key or the  key to launch the WAP browser and select a file to download. Follow the on-screen options. The files downloaded will be stored in the **Downloaded Graphics** folder.
5. Highlight **My Photos** to access the photos you have taken with your phone. Press the **Select** soft key to access list of photos. Press the **Options** soft key to access the following options:
 - **View:** allows you to view the photo full screen.
 - **Send:** allows you to send the photo.
 - **Set as Wallpaper:** allows you to set the photo selected as your wallpaper.
 - **Delete:** allows you to delete the photo.
 - **Rename:** allows you to rename the photo.
 - **Lock:** allows you to lock the photo and prevent deletion.
 - **Properties:** shows the date, time, file size, size, protection, file format, and file name.
6. Highlight **Default Wallpaper** to select from the pre-loaded wallpapers on your phone. Press the **Select** soft key to set the wallpaper selection.



Delete

The Delete menu option allows you to delete audio and graphics files that you have recorded or taken, or audio or graphic files that you have downloaded. To access the **Delete** option, use the following steps:

1. In Idle mode, press the **Menu**  soft key to access Menu mode.
2. Use the **Navigation** keys to highlight **My Stuff** and press the **Select** soft key or the  key.
3. Highlight the **Delete** menu option and press the **Select** soft key. Use the **Up** or **Down** Navigation key to select from the following:
 - **All**
 - **Downloaded Audio**
 - **Downloaded Graphics**
 - **My Photos**
4. Use the  key to mark the folder(s) you wish to delete. Press the **Delete** soft key. At the confirm “**Delete All?**” pop-up screen press the **Yes** soft key to delete or the **No** soft key to cancel.

Memory Status

The Memory Status menu option allows you to view the usage and available memory for My Stuff Audio/Graphics, and My Photos memory status for your text messages. To access the **Memory Status** option, use the following steps:

1. In Idle mode, press the **Menu**  soft key to access Menu mode.
2. Use the **Navigation** keys to highlight **My Stuff** and press the **Select** soft key or the  key.
3. Highlight the **Memory Status** menu option and press the **Select** soft key. Use the **Up** or **Down** Navigation key to cycle through the available categories.
4. Press the **Back** soft key to return to the **My Stuff** menu.

Section 12: Games

Topics Covered




- Shop Games
 - Shop Applications
 - My Games
-

The topics covered in this section are shopping games, shopping applications, and playing games that are pre-installed or downloaded.

Shop Games




The **Shop Games** menu option allows you to shop games using the WAP browser. You can download new games and save to the **My Games** folder. To play a game, see "My Games" on page 86.

To access the **Shop Games** menu option, use the following steps:



1. In Idle mode, press the **Menu**  soft key to access Menu mode.
2. Use the **Navigation** keys to highlight **Games** and press the **Select** soft key or the  key. **Shop Games** is highlighted.
3. Press the **Select** soft key or the  key to launch the WAP browser and select a file to download. Follow the on-screen options. The files downloaded will be stored in the **My Games** folder.

Shop Applications

The **Shop Applications** menu option allows you to shop applications using the WAP browser. You can download new applications and save to the **My Games** folder. To access the Shop Applications menu option, use the following steps:

1. In Idle mode, press the **Menu**  soft key to access Menu mode.
2. Use the **Navigation** keys to highlight **Games** and press the **Select** soft key or the  key.
3. Highlight **Shop Applications**. Press the **Select** soft key or the  key to launch the WAP browser and select a file to download. Follow the on-screen options. The files downloaded will be stored in the **My Games** folder.

My Games

To access a pre-installed game or downloaded game, highlight **My Games** and press the  key. Select a game and press the  key.





Section 13: WAP

Topics Covered

- Launching the WAP Browser
 - Accessing a WAP Site
 - Navigating the WAP Browser
 - Using Favorites
 - Downloading Multimedia Files
 - Clearing the Cache
-

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

Launching the WAP Browser



1. In Idle mode, press the  key to launch the WAP browser. You can also press the **Menu** soft key to access menu mode and highlight **Media Net** and press the **Select** soft key or the  key.
2. Select **Media Net Home** and press the **Select** soft key or the  key. Your phone is connected to the network and loads the homepage of the Wireless Web service provider. The content of the start-up homepage depends on your Wireless Web service provider.
3. To scroll through the screen, use the **Up** and **Down** navigation keys.
4. To exit the browser at any time, simply press the  key.

Access a WAP 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 the WAP Browser

1. To scroll through browser items, press the **Up** or **Down** Navigation keys.
2. To select a browser item, 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, press the **Menu** soft key and select the **Home** option.

Entering Text in the WAP Browser

When you are prompted to enter text, the currently active text input mode is indicated on the screen. To change the text input mode, press the  key one or more times.

The following modes are available:

Upper-Case Alphabet Mode (A): allows you to enter upper-case characters.

Lower-Case Alphabet Mode (a): allows you to enter lower-case characters.

Note: You can enter symbols in upper or lower case alphabet mode by pressing the 1 key.

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 the * key.

Number Mode (1): allows you to enter numbers.

Selecting and Using Menu Options

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

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

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

The following options are available:


- **Favorites:** shows the bookmarks list. You can bookmark the current page or access previously bookmarked pages.
- **Reload:** reloads the current page.

- **Home:** takes you back at any time to the homepage of the Wireless Web service provider.
- **Go to 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.
- **Show URL:** displays the URL address of the page to which you are currently connected. It also enables you to set the current site as the startup homepage.
- **Clear Cache:** deletes the information stored in the cache. The cache stores the most recently accessed pages.
- **Inbox:** allows you to read messages received from a WAP server.
- **Show Images:** shows the image on the current page. Press the **Next** soft key to view the next images.
- **Certificates:** shows the security information when you access the Wireless Web with the secured WAP setting activated.
- **Text Message:** allows you to send messages using the WAP server.




Using Favorites

While navigating the WAP browser, you can bookmark the 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 use the preset URL addresses and store your favorite URL addresses.


Accessing a WAP Site Using Favorites

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Highlight **MEdia Net** and press the **Select** soft key or the  key.
3. Select **Favorites**.
4. Select a bookmark item on the Favorite list.




Storing a URL Address

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **MEdia Net** and press the **Select** soft key or the  key.
3. Select **Favorites**.
4. Select an **<Empty>** location, and press the **Select** soft key.
5. Enter the name and address and press the **Save** soft key or  key.
6. When you have finished, press the  key.

Editing a Bookmark

1. From the **Favorites** list, select the bookmark you want to change.
2. Select **Options** and select **Edit**.
3. Change the address and the name, as you would when storing a new one.
4. Press the **Save** soft key.
5. When you have finished, press the  key.

Deleting a Bookmark

1. From the Favorites list, select the bookmark you want to delete.
2. Select **Options** and select **Delete**.
3. Use the Navigation key to choose from **Selected**. Press the **Select** soft key.
4. Press the **Yes** soft key or the  key to confirm the deletion.
5. When you have finished,  press the  key.

Downloading Multimedia Files


You can buy a variety of multimedia files, such as ringtones, graphics, applications, Multimedia contents, and so on from the WAP browser and download them to your phone's memory. Your phone has embedded links to the WAP sites providing you with download services, preset by your service provider.



1. In Idle mode, press the **Menu** soft key to access Menu mode and select **AT&T Mall**.
2. Highlight **Shop Tones**, **Shop Games**, **Shop Graphics**, **Shop Multimedia**, or **Shop Applications**, depending on the type of items you want to buy. To access the homepage of the online shopping mall, select **MEdia Net Home**.
3. Find the item you want to download and follow the on-screen instructions to purchase it.

Note: This 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.

Clearing the Cache



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

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Highlight **MEdia Net** and press the **Select** soft key or the  key.


3. Select **Clear Cache**.
4. Press the **Yes** soft key or the  key to confirm the deletion.
5. When you have finished, press the  key.

Changing the WAP Profiles

You can set up server profiles for the WAP browser.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **MEDIA Net**. Highlight **Browser Profiles** and press the **Select** soft key or the  key.
3. Highlight **Profile Settings** and press the **Select** soft key or the  key.
4. Select the profile you want.

For each profile, the following options are available:

- **Profile Name**: enter a name that you wish to assign to the HTTP proxy server.
- **Home URL**: set the address of your startup homepage. When the default homepage displays, you can delete it using the  key and enter your own choice.
- **Proxy use**: place a check in the box to use the proxy server.
- **GPRS setting**: allows you to choose from the following options:
 - **Proxy Address**: enter the Proxy address of the proxy server.
 - **Proxy Port**: enter a port number or use default setting.
 - **APN**: enter the access point name used for the address of the GPRS network gateway.
 - **Login ID**: enter the User ID required to connect to the GPRS network.
 - **Password**: enter the password required to connect to the GPRS network.

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

Section 14: Health and Safety Information

Topics Covered

- Health and Safety Information
 - Samsung Mobile Products and Recycling
 - UL Certified Travel Adapter
 - Consumer Information on Wireless Phones
 - Road Safety
 - Responsible Listening
 - Operating Environment
 - Using Your Phone Near Other Electronic Devices
 - Potentially Explosive Environments
 - Emergency Calls
 - FCC Notice and Cautions
 - Other Important Safety Information
 - Product Performance
 - Availability of Various Features/Ring Tones
 - Battery Standby and Talk Time
 - Battery Precautions
 - Care and Maintenance
-

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

GSM

850

- Head: 1.24 W/Kg.
- Body-worn: 0.446 W/Kg.

1900

- Head: 1.17 W/Kg.
- Body-worn: 0.426 W/Kg.

SAR information on this and other model phones can be viewed on-line 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.

Consumer Information on Wireless Phones

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.

Consumer Information on Wireless Phones

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.

Responsible Listening

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: 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 Aids

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

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.


Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press the  key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Product Performance

- 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.

Battery Precautions

- 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 15: Accessibility



Topics Covered

- TTY Settings
-

TTY Settings*

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.

Use the following steps to access the TTY settings:

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings** and press the **Select** soft key or the  key.
3. Press  (this will **not** be shown in the menu) and then highlight the enable selection. Key in the password: 4-T-T-Y (4889) and press the **OK** soft key.

The following options are available:

- **Disable:** CTM is not available for use.
- **Enable:** CTM is active and TTY is available for use.

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 16: Warranty Information

Topics Covered

- Standard Limited Warranty
-

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.

Standard Limited Warranty

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

Standard Limited Warranty

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)

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)

©2007 Samsung Telecommunications America. All rights reserved.

No reproduction in whole or in part allowed without prior written approval.
Specifications and availability subject to change without notice.

Index

A

Accessing a Menu Function 26

Address Book

Searching for a Number 24

Alerts on Call 61

Alphabet mode 34

Audio 71

B

Battery

charging 6

installing 5

low indicator 7

removing 4

C

Call Functions 17

Adjusting the Call Volume 18

Answering a Call 19

Correcting the Number 17

Making a Call 17

Recent Calls 19

Redialing Last Number 18

Call Time 20

Call Waiting 25, 68

Camera

Taking Pictures 75

camera options 76

Charging battery 6

Clear key 15

Command Keys 14

Converter 81

D

Data Call Time 21

Data Volume 21

Dialing a Number

Address Book 38

Display

icons 13

Display Settings 61

E

End key 15

Ending a Call 18

Entering Text 34

Changing the Text Entry Mode
34

Using Alphabet Mode 36

Using Numbers 37

Using Symbols 37

Using T9 Mode 35

F

Functions and Options 14

G

Games 71

Getting Started 4

Activating Your Phone 4

Vicemail 7

Graphics 72, 73, 82

Greeting Message 66

H

Health and Safety Information 92

I

Icons, description 13

International Call 17

K

Keypad Tone 60

L

Left soft key 15

Low battery indicator 7

M

- Making a Call**
 - Address Book 18
- Menu Navigation** 26
 - Menu Outline 27
- Messaging** 50
 - Types of Messages 50

- Missed Call**
 - Deleting 20
 - Viewing 19

- Multimedia Files**
 - Downloading 90

- Mute** 24

N

- Navigation key** 16
- Network Selection** 69
- Network Services**
 - Call Forwarding 67
- Network Services Settings** 67
- Number mode** 34

O

- Options**
 - During a Call 22
 - Putting a Call on Hold 22

P

- Phone**
 - icons 13
- Phone Lock** 64
- PIN**
 - Change 65
- PIN Check** 64
- Powering on/off**
 - phone 7

R

- Right soft key** 15

S

- Security** 64
- Send key** 15
- Service Dialing Numbers** 48
- Settings** 59
- Shortcuts** 27
- SIM card**
 - installing 4
 - removing 5
- Soft Keys** 15
- Sound Settings** 59
- Speakerphone Key** 16
- Speed Dial**
 - Setting Up Entries 44
- Standard Limited Warranty**
 - 113
- Storing a Number**
 - Address Book 39, 41
- Storing a number**
 - Phone's Memory 39
 - SIM Card 41

T

- T9 Mode**
 - enter a word 35
- T9 mode** 34
- Text Input Mode**
 - Changing 34
- Travel adapter** 6

U

- Understanding Your Address book** 38
 - Adding a New Contact 39
 - Group 47
 - Management 47
 - Own Phone Number 47
 - Speed Dial 44
 - Using Contacts List 38
- Understanding Your Phone** 9

Features of Your Phone 9
Front View of Your Phone 10
Open View of Your Phone 10

Using Management

Checking the Memory Status
48
Copying all to Phone 47
Deleting all of the Phone book
Entries 47

V

Voice Mail 19
changing number 8

W

Warranty Information 113