SAMSUNG

SAMSUNG ELECTRONICS

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Series

DIGITAL
CELLULAR
TELEPHONE

User Guide

Features

Congratulations on the purchase of your Samsung Phone. Using the latest digital technlolgy, the Samsung Phone operates similar to other wireless phones, while providing superior resonanc and tone quality.

Your Samsung phone is packed with productive features that are easy to use. Here are some of them:

- Answer and hang up calls just by opening the phone
- Large, easy-to-use Phone Book with 229 memory locations
- Turbo Dialing
- Voice Dialing-20 memory locations with one-touch access
- Event Scheduler, to-do list, world clock, and calculator
- Web Browser
- Data and Fax call capable
- Short Message Services (SMS) and Voicemail
- Fast Ringer Mute during incoming calls
- 10 ring tones, 11 melodies, or Vibrate alert
- 10 Incoming and 10 Outgoing Call Logs with Caller ID
- Pause Dialing for tele-services
- Security features including Call Restriction
- Alarm Clock
- Dynamic Character Display

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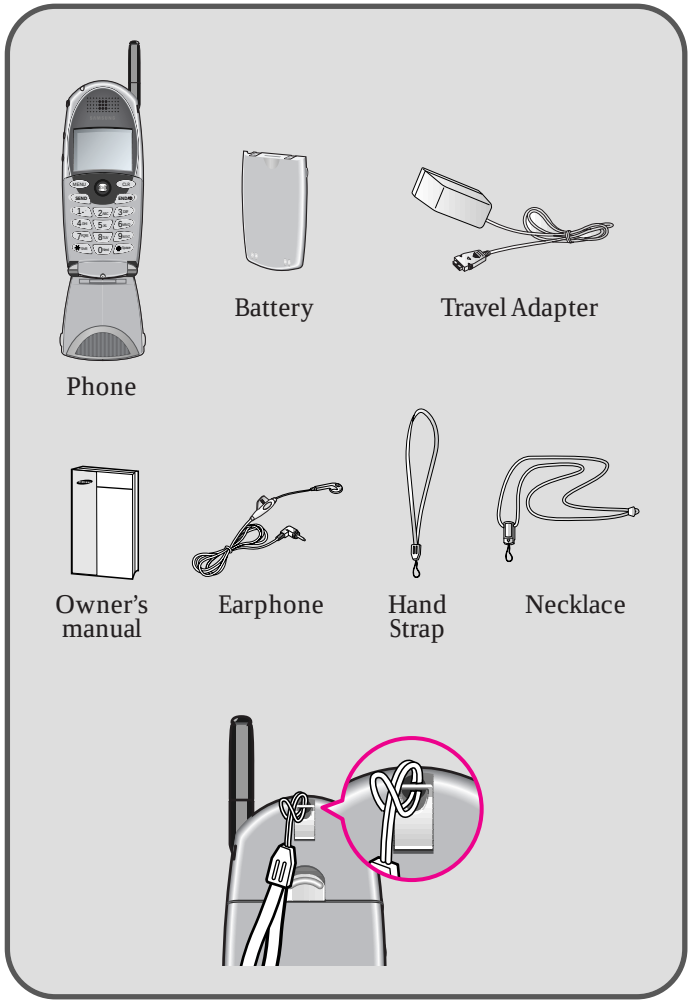
Your Consumer Package

Your consumer package contains the following items:



Getting to Know Your Phone

Getting to Know Your Phone (continued)

1. Active Flip Phone: Closing the phone will always end your call and turn off the backlight. There are several options you can set to happen when you open the phone. When opening the phone you can:

   - ◆ answer an incoming call. To set this option see "Answering a Call" on page 24.
   - ◆ voice dial someone. To set this option see "Voice Dialing Activation" on page 56.
   - ◆ control the backlight. To set this option see "Backlight Control" on page 43.

2. Backlight Display Screen: The Display screen contains two areas:

   - ◆ The top line displays indications about your phone's operating mode (see "The Top Line of the Display" on page 16).
   - ◆ The lower area displays in-use information such as the call timer, the name and number of the other party (if available), Mute, Call Waiting, etc. Your menus also display in the lower area.

3. Headset Connector: This is where you connect the optional headset. The headset includes an earpiece and microphone in a convenient, lightweight unit so you can converse without using your hands.

   - ◆ What you see in the illustration to the left is really the cover for the headset connector. Gently pry off the top of the cover to expose the headset connector.

4. Microphone: Your typical voice microphone for conversation, but also accepts your voice commands for Voice-Activating Dialing. You can also mute the microphone during conversation by simply pressing MENU 1 or MENU OK.

5. Accessories Connector: This is where you connect your charging device. It can also be used to connect optional accessories (sold separately). Accessories available for your phone include:

   - Travel or CLA charger.
   - Wireless data device.
   - hands-free car kit.

6. LED Indicator: Flashes to indicate an incoming call or message. When you have the phone closed and the ringer set to off, the LED indicator will notify you that you have an incoming call or message.

   - The LED also lights up (flashes) for a few seconds when you turn on the phone.

7. Antenna: Makes the call sound clearest when it's fully extended. Your antenna is easily replaced by just screwing in a new one.

8. OK / Messages / Navigation Key: This key performs several useful functions:

   - From Standby or Conversation mode, press it briefly to access the Messages Menu.
   - When entering a phone number, press it once to save the number to the Phone Book (then follow a few prompts).
   - When navigating a menu, press it to select the highlighted item.
   - When the alarm goes off, press it to silence the alarm.
   - In Standby or Conversation mode, Slide it up to view your Phone Book (in numerical order).
   - In Standby or Conversation mode, Slide it down to view your Phone Book (in alphabetical order).
   - In Standby mode, Slide it right to launch the Web Browser.
   - In Standby mode, Slide it left to launch the Scheduler.

9. Volume/Scroll Key: This key is actually two keys (one up and one down) that are used to:

- Adjust voice volume during conversation.
- Adjust ringer volume in Standby mode.
- Mute the ringer during an incoming call.
- Scroll through menu options.
- Select AM / PM when setting clock, scheduler event times, and alarms.

10. SEND Key: This key performs several useful functions.

- Press it to answer calls.
- Dial a number and press it to connect.
- During a conversation, press it to initiate Three-Way calling.
- During a conversation, press it to answer a Call Waiting call.
- Press it once in Standby mode to quickly access your Call Logs.
- Press it twice in Standby mode to redial the last outgoing number.

11. * / Voice Dial key: This key has several functions:

- press for special star calling features.
- press and hold to initiate a voice dial call.

12. # / Vibrate key: This key has two functions:

- This is the pound key. It's used at various times when you dial especially when using tele-services.
- When you are in Standby mode, you can press and hold to turn the vibrate alert on or off (see "One-Touch Vibrate Ringer" on page 50).

13. CLR Key: This key is used to erase numbers or characters you may have entered incorrectly, or to return to a previous menu or Web Browser screen.

- To erase one character from the display screen, briefly press it once.
- To erase all characters, hold it down for one second.
- To back up one menu or Web Browser level, press it once.
- To return to Standby mode or your Web Browser home page, press and hold it for one second.

14. END/ Power Key: This key performs several important functions:

- Press to turn on your phone.
- Press and hold to turn off your phone.
- Press this key to return to Standby mode when ending a call, ending a Web Browser session, or from any menu.
- If the phone is already open, and you receive an incoming call, you can mute the ringer by pressing once.

15. MENU Key: When in Standby or Conversation mode, press this key to access menu items, and continue pressing it to scan menu items. When you reach the menu item you want, press MENU.

- When dialing numbers, this key is used to enter a pause (see "Pause Dialing" on page 32).

Turning your Samsung Phone On and Off

To Turn it On

When you're ready to turn your phone on, fully extend the antenna for best reception. Simply press END/ and three things happen; the LED comes on, the phone beeps, and the startup graphics begin to play. The phone will search for a signal; when a signal is found, the icon appears and the phone enters Standby mode. You can make and receive calls now.

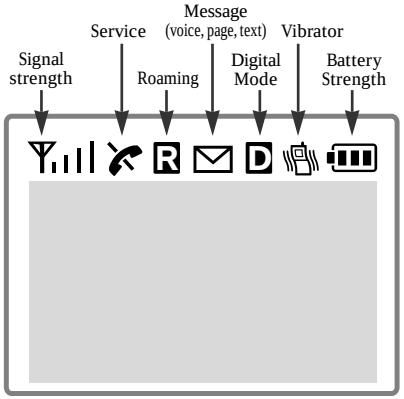
To Turn it Off

To turn your phone off, press and hold END/ until the power off graphics begin to play; then, the power off sound plays, and the display goes blank. Notice that when the phone is off, nothing is displayed on the screen.

Note: If END/ is pressed for less than one second, the phone will not turn off. This helps keep your phone from being turned off accidentally.

The Top Line of the Display

Display indicators (or icons) appear across the top of your phone's display screen. The Signal Strength and Battery Strength icons always appear, other icons appear based on your phone's operating mode.



Signal Strength: This icon always appears when your phone is on and shows your current signal strength. More lines indicate greater signal strength. Four lines indicate maximum strength, and one line indicates least strength.

Service Indicator: This icon indicates a call is in progress. If there is trouble with signal strength, this indicator will have a diagonal line through it. See below under "No service indicator" for a description of this situation.

No Service Indicator: This icon indicates your phone cannot find a signal because you're outside a service area. When this is displayed, you cannot make or receive calls. Wait a little while for a signal or move into an open area.

Note: The no service indicator will always appears when you turn on your phone. This is not a problem. It just indicates that your phone is searching for service. As soon as service is found, the indicator will disappear.

Roaming: Displays when the phone is outside the home service area but within the network. If you are:

- in your home network this indicator does not display.
- in a preferred roaming area, this indicator will be on but, not flashing.
- in a non-preferred roaming area, this indicator will flash once every second.

Message Indicator: This icon indicates you have message(s) waiting. These message(s) can be voicemail notification (VMN), page, text, or Web Browser message(s). Press OK to see the message menu. See "Message Services" on page 58 for more information.

Digital: Indicates that the phone is in Digital mode. For Data/Fax calls, Web Browser calls, and Voice Dialing, the phone must be in digital mode.

Vibrator on: This icon indicates that an incoming call will vibrate the phone rather than ring it. This feature can be used for quiet situations where you don't want your ringer to disturb others or for loud situations where the ringer cannot be heard.

Battery Strength: This icon shows the level of your battery charge. The more black bars you see, the greater the charge. When the battery becomes very low, an empty box appears and the phone flashes an alert; this indicates that your phone is about to turn itself off.

Using the Battery

Your Samsung Phone comes with a partially charged, rechargeable Lithium Ion (LiIon) Battery so that you can use your phone immediately after it is activated.

Installing the Battery

To attach the battery to your Samsung Phone:

1. Hold the battery so that the metal contacts on the base of the battery line up with the metal contacts on the base of the phone. See the illustration.
2. Gently push the battery toward the top of the phone until it snaps into place.

Removing the Battery

This is really easy. First, turn the phone off. Then just Slide the battery latch (see illustration) and lift the battery up from the base. You're done.

Charging the Battery

You can easily tell if your battery needs to be recharged by checking the indicator in the upper-right corner of your phone's display. aThe presence of all three bars indicates a full charge, two bars indicates a smaller charge, and one bar indicates an even smaller charge. No bars (the battery icon is empty) means your battery must be charged.

When the battery charge level gets low, the battery sensor blinks an empty battery icon ( ), sounds a tone, and displays a message. If the battery level gets too low, the phone will turn off automatically. Unfortunately, if this happens you'll lose whatever you are doing, including dropping your call. Watch the battery strength icon and make sure your battery is adequately charged.

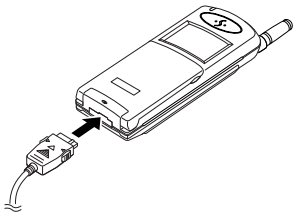
Charging with the Traveler Adapter

Your phone is powered by a rechargeable Li-Ion battery. A travel adapter is provided with your phone. Use only approved batteries and chargers. Ask your local SAMSUNG dealer for further details.

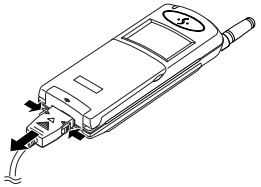
The phone can be used while the battery is charging.

Note: You must fully charge the battery before using your phone for the first time.

1. Connect the lead from the travel adapter to the bottom of the phone. Check that arrow on the lead connector is facing towards the front of the phone.



2. Connect the adapter to a standard AC wall outlet.
   When the battery is charging, the battery icon in the top right-hand corner of the display fills repeatedly.
3. When charging is finished, disconnect the adapter from the power outlet.
   Disconnect the adapter from the phone by pressing the grey tabs on either side of the connector and pulling the connector out.



Your Phone's Modes

Standby Mode

Standby is the ready state of your Samsung Phone. The phone goes into Standby mode soon after you turn it on, or whenever you briefly press END/⏻ at any time. When your phone is in Standby mode, you will see the greeting (that's the message displayed when you turn on your phone). If you enter a phone number, you can press SEND to dial it, or press OK to save it in the Phone Book.

Press END/⏻ at any time to return to Standby mode. Be careful; if you're on a call when you press END/⏻, you'll return to Standby mode, but it also disconnects the call. Press CLR several times or hold it down to return to Standby mode without ending the call.

The Main Menu is accessed when you are in Standby mode. See "Your Phone's Main Menu" on page 109 for a listing of the Main Menu.

Conversation Mode

You can place and answer calls only when your Samsung Phone is powered on. During a call, the phone is in Conversation mode.

Power Save Mode

Your Samsung Phone comes with a Power Save feature that will automatically be activated if your phone is unable to find a signal after 10 minutes of searching. While this feature is active, the phone's battery charge is conserved. After the phone enters Power Save mode, it will automatically recheck for a signal about every three minutes. A message on the display will let you know when your phone is operating in Power Save mode.
To exit the Power Save Mode, press any key.

Basic Voice Call Functions

Making a Voice Call

Note: Your phone makes several kinds of calls (voice, fax, data, and Web Browser). This section explains voice calling only. For Fax or Data calls see "Fax and Data Calls" on page 96. For web browser calls see "The Web Browser" on page 99.

To place a voice call:

1. Press END/⏻ to power on your Samsung Phone. If you see indicators on the display, this indicates your phone is on. Note that you will not hear a dial tone.
2. Enter the phone number (up to 32 digits) by pressing the digit keys. The phone number displays from right to left.
3. Press SEND. The phone places the call to the entered phone number (if service is available).

You can also make voice calls;

- from your Phone Book (see "Dialing numbers from your Phone Book" on page 72).
- from your Call Logs list (see "Displaying Your Call Logs" on page 82).
- by using Turbo Dialing (see "Memory Dialing Shortcuts" on page 72).
- by using Voice Dialing (see "Placing a Call using Voice Dialing" on page 57).

Redialing Calls

To redial the last call you made, press SEND twice quickly. You can also redial any of your last 10 incoming or outgoing calls by accessing the Call Logs listings (see "Keeping Track of Your Calls" on page 82).

Correcting Dialing Mistakes

To correct a misdialed digit(s):

- Press CLR to erase one digit at a time.
- You can erase all the digits at once by pressing CLR and holding it down for one second. This returns your phone to Standby mode where you can try your call again.

Ending a Call

To end a call, close the phone or press END/⏻. If you press END/⏻, the call time (length of the call) flashes briefly, and the phone returns to Standby mode automatically after a few seconds.

Incoming Call Notification

Your Samsung Phone signals an incoming call or message in the following ways:

- The backlight illuminates.
- The red LED flashes.
- The ringer sounds (unless the ringer is set to Vibrate or Off).

Incoming call notification continues until one of the following occurs:

- You answer the call.
- You press END/⏻, or silence the ringer before answering the call.
- The calling party ends the call.
- The call is sent to your voicemail.

Answering a Call

There are four ways to answer an incoming call!

Don't worry - they're all easy. You can answer a call by:

- pressing SEND if the phone is already open.
- opening the phone (if set in the Main Menu).
- pressing any key except END/⏻, when the Any Key Answer option is selected in the Main Menu.
- using Auto Answer. See "Automatic Answer" on page 34.

Your phone is preset to answer when you press the SEND key. You can easily change how your phone answers by setting the Answer Mode feature (press MENU 8TUV 4GHI) and make your selection. For more information on this feature see "Answer Options" on page 35.

Adjusting Ring Volume

In Standby mode, you can quickly adjust the ringer volume by pressing the volume key (/) on the side off the phone. There are eight levels and a zero or "Ringer Off" level.

You'll see a graphical indication as you change the volume.

The illustration shown here is the maximum volume setting.

- the up key turns it up and the down key turns it down. Press and hold to continuously move up or down.
- Turning it all the way down is a quick way to mute the ringer for those important times when you want your phone quiet. When you do this, "Ringer Off' will display in Standby mode.
- You can also save the settings for the ringer volume using the Main Menu (see "Ringer Options" on page 50).

Silencing the Ringer on an Incoming Call

When your Samsung Phone rings, press END/⏻ or / to silence the ringer. You can also set the ringer to remain off by using the Main Menu (see "Ring Volume Setting for all Incoming Calls" on page 51).

Setting the Ringer Type

Your phone has numerous options for how it rings. To set these options, see "Ringer Options" on page 50. You can even set different rings for up to five people who call you often (see "Differential Ring" on page 53).

To Mute the Microphone During a Call

You can mute the microphone during conversation by selecting the Mute option from the In Use Menu. When active, "MUTE" displays, and the other party cannot hear conversation at your end of the call. The phone resets this condition to the default Unmute setting at the end of your call.

To mute the microphone during a call:

1. During conversation, press MENU to display the In Use Menu.
2. Press 1 to mute the microphone. You will hear the other party's conversation, but they will not hear anything on your end of the call. "MUTE" displays on the screen.
3. To "unmute" the microphone during the same conversation, repeat steps 1 and 2.

Adjusting Voice Volume

You can adjust the earpiece volume during a call using the volume keys on the side of your phone. Briefly press the volume key once to display your current earpiece volume. Repeatedly press the volume key to adjust to one of eight levels or off.

You'll see a graphical indication as you change the volume.

The illustration shown here is the maximum volume setting.

Using Caller ID

Note: See your service provider about activating Caller ID service.

This feature tells you who is calling you by displaying the caller's number when the phone rings. If a caller's name and number are stored in your Phone Book, the corresponding name is also displayed. If you call someone who has this feature, your phone number will be displayed on their phone.

Three-Way Calling

Note: See your service provider about activating Three-Way Calling service.

Three-Way Calling lets you conduct conference calls with two different parties at the same time. The phone records each party into the Outgoing Calls Log.

To place a three-way call:

1. During a conversation, simply press SEND. The phone places the other party on hold.
2. Enter the number for the third party, and press SEND. The phone dials the third party.
3. When you're connected to the third party, press SEND again to begin your three-way call.

If one of the callers (not you) hangs up, you and the remaining caller stay connected. If you initiated the call and you hang up first, all three parties are disconnected.

Call Forwarding

Note: See your service provider about activating Call Forwarding service.

With Call Forwarding, you can have all of your incoming calls forwarded to another phone number — even if your phone is turned off. When Call Forwarding is activated, you can still make calls from your phone.

Call Waiting

Note: See your service provider about activating Call Waiting service.

Call Waiting lets you receive a second call during conversation. Your phone notifies you of a call waiting by beeping and displaying "Call Waiting".

Your phone provides the option of turning the Call Waiting feature on and off (if you have subscribed to the service). Call Waiting is on by default in the phone. If you choose to have an undisturbed conversation, simply turn off the feature for the current call.

Answering a Call Waiting Call

To answer a Call Waiting call:

1. Press SEND. The phone connects the calling party and places the current party on hold.
2. Press SEND again to switch between the two parties.

Note: If you do not respond to a Call Waiting notification, the phone will forward the call to voicemail or another number that you have setup. Contact your service provider for information on voicemail and other available options and services.

Missed Calls

Your phone notifies you of calls that were not answered. The phone indicates a missed call by displaying a text notification on the screen. When available caller identification displays for missed calls.

Dropped Calls

A dropped call can occur during conversation in response to a signal fade. In this case, the call ends and "Call Dropped" or "Signal Faded" displays.

Press END/⏻ to clear the message and return to Standby mode.

If the dropped call was an outgoing call from your phone, you can redial the number automatically by pressing SEND twice.

Failed Calls

A failed call can occur if your phone is out of calling range or the network is temporarily busy. Your phone responds to a failed call by displaying an appropriate text message: "Call Failed. Out of Range." or "Call Failed. Network Busy." or "Signal Faded".

When you receive a failed call alert, cancel the call attempt and return to Standby mode by pressing END/⏻ or CLR, and then try the call again later.

Prepend Dialing

The Prepend option lets you add digits such as area codes, long distance access codes (for example 1 or 011), and network feature activation codes to a phone number that is in your Phone Book or Call Logs. This is a useful feature when you go out of town and want to call back home; just prepend the number you want to call with your home area code and press SEND. You can prepend a number with up to 10 additional digits.

To prepend existing phone numbers in the Phone Book or Call Logs:

1. Access the phone number (either from your Phone Book or your Call Logs).
2. Press OK to display the phone number's information.
3. Press MENU for more options.
4. Press:
   - 3DEF to Prepend a call log or
   - 4GHI to Prepend a Phone Book entry.
5. Enter the area code or feature activation code by pressing the digit keys. For feature calls, press *Shift before dialing the feature code.
6. Press SEND to call the prepended number.

Emergency Dialing

You can place calls to 999 even if your phone is locked or outgoing calls are restricted (see "Lock Mode" on page 73).

To call 999:

1. Dial 9WXYZ 9WXYZ 9WXYZ.
2. Press SEND.

IMPORTANT NOTICE! PLEASE READ!

Because of various transmission methods, network parameters, and user settings used to complete a call from your wireless phone, a connection cannot always be guaranteed.

Therefore, emergency calling may not be available on all wireless networks at all times.

DO NOT depend on this phone as a primary method of dialing 999 or any other essential or emergency communications.

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

Pause Dialing

When you call an automated system (like a bank or voicemail "teleservice"), you are usually required to enter a password or account number. Instead of entering the numbers manually each time, you can store the numbers in your Phone Book, separated by special characters called pauses.

Here is the definition of how a pause works on your phone:

◆ A digit that stops the dialing sequence until you press the SEND button.

Your phone has two pause dialing methods: pause dialing from the Phone Book (see "Pause Dialing From a Stored Phone Book Entry" on page 33) and manual pause dialing (see "Manual Pause Dialing" on page 33).

Storing Pauses in a Phone Book Entry

To store a number in your Phone Book that contains pauses:

1. Enter the phone number you want to connect to (such as the bank's teleservice phone number).
2. Press MENU to insert a pause. The letter "p" displays in the number, meaning that a hard pause will occur at that point in the dialing sequence.

Note: The digits before the "p" dial the tele-service. The "p" stops the dialing and waits for the teleservice to prompt you for a number. The number following the "p" is your account number, PIN, etc.

3. Enter the digits that need to follow the pause (such as your account number).
4. Store the number as you normally would by pressing the OK key and entering a name.

Pause Dialing From a Stored Phone Book Entry

Pause dialing from your Phone Book is easy:

1. Dial the teleservice number from your phone book in the way you prefer (use the turbo dial or scroll to it method).
2. Wait to be prompted by the teleservice for the number (credit card number, bank account number, etc.).
3. When prompted, press SEND to send the DTMF number that follows your pause. "SENDING DTMF" flashes on the screen, and the transmitted tones are audible.

Manual Pause Dialing

Pauses are entered manually using the Digit Entry Menu during the dialing process.

To manually dial a number using a pause(s):

1. Enter the phone number of the service you want to connect to (such as the bank's teleservice phone number). For example, your bank's teleservice phone number might be a 1.800 number.
2. Press MENU to insert a pause. The screen displays a "p" indicating a pause. Enter the number to be sent after the pause by pressing the digit keys, and then press SEND.
3. After connecting, wait for the prompt from the teleservice. After the prompt, press SEND again to transmit the additional number.

Basic Setup of Your Phone

Automatic Retry

This feature allows you to continue trying numbers that you don't reach successfully. The phone will automatically redial a failed call until it connects. This feature is preset to "OFF" on your phone.

To set the Automatic Retry feature:

1. Press MENU to display the Main Menu.
2. Press 8 for Phone Setup.
3. Press 1 for Auto Retry.
4. Press the scroll keys to select On or Off.
5. When the desired option displays, press OK to save the setting.

Automatic Answer

When this feature is set to on, the phone will automatically answer the call after two rings (notice that when this feature is on that there is no way to stop your phone from answering a call). The message "AutoAnswer" appears on the display when this feature is set to on. This feature is preset to "OFF" on your phone.

To set the Automatic Answer feature:

1. Press MENU to display the Main Menu.
2. Press 8 for Phone Setup.
3. Press 2 for Auto Answer.
4. Press the scroll keys to select On or Off.
5. When the desired option displays, press OK to save the setting.

Automatic Hyphenation

When you dial a number, hyphenation is performed automatically by the phone. The automatic hyphenation follows the North American Numbering Plan, which hyphenates numbers as follows:

◆ 800-555-1234

Digits following a pause are not hyphenated (see "Pause Dialing" on page 32).

It's easy to turn off this hyphenation if you want to. Here it is:

1. Press MENU to display the Main Menu.
2. Press 8 for Phone Setup.
3. Press 3 for Auto Hyphen.
4. Press the scroll keys to select On or Off.
5. When the desired option displays, press OK to save the setting.

Answer Options

Your phone is preset to answer a call when you press the SEND key. You can easily change your phone to answer a call when you open the phone, or when you press "Any Key". Here's how to do it:

1. Press MENU to display the Main Menu.
2. Press 8 for Phone Setup.
3. Press 4 for Anykey Answer.
4. Press the scroll keys to select On or Off.
5. When the desired option displays, press OK to save the setting.

Tone Length Setting

The tone length setting enables you to select short or long DTMF (dual-tone multi-frequency) tones. When you use a teleservice (such as your bank account or voicemail service) and press the keys to enter numbers into the teleservice, you are sending DTMF tones. The system used by the bank or other service determines if you need short or long DTMF tones. If the service is digital (which most are these days) short DTMF will almost always work. However, some new systems and almost all older (analog) systems require you to use long DTMF tones. Many home answering machines require long DTMF tones.

To set the DTMF tone length:

1. Press MENU to display the Main Menu.
2. Press 8 for Phone Setup.
3. Press 5 for Tone Length.
4. Press the scroll keys to toggle between Short and Long.
5. When the desired option displays, press OK to save the setting.

Setting the Time

The clock is set and maintained automatically when your phone is in digital mode. When you turn on your phone in analog mode you must set the time and date for your Scheduler and Alarm. Here's how to set the time and date.

1. Press MENU to display the Main Menu.
2. Press 8 for Phone Setup.
3. Press 6 for Set Time.

4. Type in the current month, day, year, hour, and minute. Use the left scroll key to backup to an incorrect entry if you need to. When you get to the AM/PM setting, use the volume key to select AM or PM, or press 2 for AM or 7 for PM.
5. Press OK to save the setting and return to Standby mode. The correct date and time will appear across the bottom of the display, and the correct day will appear under the battery charge icon.

Setting Your NAM

Your Samsung phone can store two NAMs (NAM stands for numerical assignment module - essentially your telephone number). This means you can have two phone numbers on your phone, and you can quickly and easily switch your service back and forth between the two numbers.

Note: Each NAM has an associated set of System Selection settings (see "System Selection" on page 38).

Here's how you select the NAM you want to use:

1. Press MENU to display the Main Menu.
2. Press 8 for Phone Setup.
3. Press 7 for Set NAM.
4. Press the scroll keys to select NAM-1 or NAM-2.
5. When the desired NAM displays, press OK to save the setting. If you change the NAM, the phone will reboot and acquire service using the new NAM setting.

System Selection

The system selection feature of your phone enables you to choose how your phone will roam. There are four choices, and they will affect your charges, so contact your service provider to determine the best roaming methods for you. The four choices are:

- Standard - with this setting, your phone will always try your calls using your home system, but if that doesn't work, then it will use the preferred roaming system.
- Home Only - with this setting, you cannot roam. If your home system is not available then your call will not be connected and the No Service indicator ( ) is displayed. In some service areas an operator may come on line asking you how you would like to pay for the call.
- A Only - In a wireless service area, there are usually two service providers which are referred to as A and B. Your service provider will provide you information about this when you setup service. With this setting, you will only be able to roam in the "A" network or system.
- B Only - This works just like the "A Only" setting except you will only be able to roam in the "B" network or system.

To select the system:

1. Press MENU to display the Main Menu.
2. Press 8TUV for Phone Setup.
3. Press 8TUV for System Sel.
4. Press the scroll keys to select the desired system. Choices are Standard, Home Only, A Only, or B Only.
5. When the desired option displays, press OK to save the setting.

How to Setup For a Voice, Data, or Fax Call

When you want to receive a data or fax call, you must set the phone to do this. When you are done with your data or fax call, you must change this setting back to voice to receive voice calls again. It's easy. Here's how to do it:

1. Press MENU to display the Main Menu.
2. Press 8TUV for Phone Setup.
3. Press 9WXYZ for Data / Fax.
4. Press the scroll keys to select Incoming Data Only, Incoming Fax Only, or Off: Voice Call Only.
5. When the desired option displays, press OK to save the setting. If you have chosen to receive fax or data, then the phone will first display "No incoming voice calls can be received", and then return to Standby mode with the words "Data Only" or "Fax Only" displayed under the banner.

How to Setup the Web Browser Prompts

Your phone has the capability to inform you when you start and end a Web Browser session. See "To Setup the Web Browser Prompts" on page 99 to set this option.

Audible Alerts

Your phone gives audible alerts (beeps) at certain times to inform you that certain things have happened. There are four of these beep alerts and they only occur in your earpiece so the other party does not hear them. You can turn each of these alerts off if you like. The alerts are: Minute Beep, Service Alert, Connect Alert, and Disconnect Alert. Following is a description of each beep and a simple procedure to turn it on or off.

Minute Beep

When you are on a call, the Minute Beep sounds an alert 10 seconds before each elapsed minute. This beep can help you keep track of the length of your calls. To turn the Minute Beep on or off:

1. Press MENU to display the Main Menu.
2. Press 6 for User Setup.
3. Press 4 for Alerts.
4. Press 1 for Minute Beep.
5. Press the scroll keys to select On or Off.
6. When the desired option displays, press OK to save the setting.

Service Alert

The Service Alert beep occurs when you leave a service area and when you enter a service area. To turn the Service Alert beep on or off:

1. Press MENU to display the Main Menu in Standby mode before placing the call.

2. Press 6 for User Setup.
3. Press 4 for Alerts.
4. Press 2 for SVC Alert.
5. Press the scroll keys to select On or Off.
6. When the desired option displays, press OK to save the setting.

Connect Alert

The Connect Alert tone sounds when your outgoing call is connected to the system. To turn the Connect Alert tone on or off:

1. Press MENU to display the Main Menu in Standby mode before placing the call.
2. Press 6 for User Setup.
3. Press 4 for Alerts.
4. Press 3 for Connect.
5. Press the scroll keys to select On or Off.
6. When the desired option displays, press OK to save the setting.

Disconnect Alert

The Disconnect Alert tone sounds when your call is disconnected from the network. To turn the Disconnect Alert tone on or off:

1. Press MENU to display the Main Menu in Standby Mode before placing the call.
2. Press 6 for User Setup.
3. Press 4 for Alerts.

4. Press 4 for Disconnect.

5. Press the scroll keys to select On or Off.

6. When the desired option displays, press OK to save the setting.

Display Options

Your Samsung Phone provides the following display options:

Backlight Control

You have several options for setting how the LCD backlight operates. When the phone is closed, the backlight remains off thus conserving battery power. When the phone is open, the length of time that the backlight remains on can be set as explained below. Remember that backlight use drains your battery faster.

To select backlight options:

1. Press MENU to display the Main Menu.

2. Press 6 for User Setup.

3. Press 1 for Display.

4. Press 1 for BackLight.

5. Press the scroll keys to scan the options:
   Flip Open, 10 (after last keypress), 30 Seconds (after last keypress), or Off.

6. When the desired option displays, press OK to save the setting.

Note: When the phone is attached to the optional Hands-Free Car Kit, the backlight remains on (when the phone is on and opened). Closing the phone while it is attached to the hands-free kit turns the backlight off.

Personal Greeting

You can create and display a 12-character personal greeting that displays in Standby mode and when you turn on the phone.

To create a personal greeting:

1. Press MENU to display the Main Menu.
2. Press 6 MNO for User Setup.

   Press 1 for Display.
3. Press 2 ABC for Greeting. The current greeting is displayed.

Note: The text entry on your greeting screen defaults to T9 as shown in the lower right of the display. Press MENU to view your text input modes. Select one of the other three options (Alpha, Symbol, or Number) or leave it in T9 input mode. For a description of T9, see "T9® Text Input" on page 104.

4. Enter your personal greeting by pressing the alphanumeric keys on the keypad.
5. Press OK to save the setting.

Animation Display

Your phone displays graphics images when it is turned on or off. This setting is just for fun and grins so have fun with it. You have a few graphics to select from for these power on and off images. Here's how to do it:

1. Press MENU to display the Main Menu.
2. Press 6 MNO for User Setup.

   Press 1 for Display.
3. Press 3 DEF for Animation.
4. Press 1 for the power on image or 2 ABC for the power off image.

5. Use the scroll keys to select the image. Power on images can be "Flawless", "Space", or Earth Spin". Power off images can be "Wink" or "ByeBye".
6. Press OK to save the setting.

Displaying your own Phone Number

Your phone number displays every time you turn on the phone (unless you set it to hide; see "Hiding your Phone Number" on page 79). From Standby mode, or when you are on the phone, you can display your phone number from the Main Menu.

To view your phone number from Standby mode:

1. Press MENU to display the Main Menu.
2. Press 6 MNO for User Setup.

   Press 1 for Display.
3. Press 4 GHI for My Phone #. Your phone number and the NAM you are currently using display.
4. Press OK to return to the previous screen.

To view your phone number while using the phone:

1. Press MENU 6 MNO.

Setting the Language of the Display

You can set your phone to display in English or Spanish. It's quick and easy and very convenient for bi-lingual families or friends. Here's how to do it:

1. Press MENU to display the Main Menu.
2. Press 6 MNO for User Setup.

   Press 1 for Display.
3. Press 5 JKL for Language.
4. Use the scroll keys to select English or Chinese.

5. Press OK to save the setting. The change is immediate and affects all menus and screens.

Displaying your phone's Hardware and Software Version

You can view the software and hardware versions of your phone during conversation or in Standby mode. This feature is helpful if you have to call customer care.

To view the versions in Standby mode:

1. Press MENU to display the Main Menu.
2. Press 6 for User Setup.

   Press 1 for Display.
3. Press 6 for Version. Information about your phone's hardware and software displays.
4. Press CLR to return to the previous screen.

To view the versions in Conversation mode:

1. Press MENU 7.

Alarm

Your Samsung Phone has an alarm clock inside of it. In addition to functioning as a normal alarm clock, the alarm can also be used to remind you to call a certain person or phone number. Keep in mind that if your phone is off at the alarm set time, the alarm will not sound.

Note: Analog service areas can cause problems with your clock which can cause problems with your alarm. When you are in an analog service area and you want the alarm to work, make sure that the time is properly set. The time should appear on your display; if it does not, then see "Setting the Time" on page 36.

Setting the Alarm

The alarm can be set to go off daily or one time.

To set the alarm:

1. Press MENU to display the Main Menu.
2. Press 6 for Sounds.
3. Press 5 for Alarm.
4. Press 1 for Set.
5. Use the scroll keys to select "Daily" or "One Time" and press OK.
6. For a "One Time" alarm, enter the time date and time by pressing the digit keys; for a "Daily" alarm you must only enter the amount of time until the alarm sounds. To correct a digit entered incorrectly, Slide OK to the left, and then enter the correct digit.
7. Press OK to save the setting. The phone returns to Standby mode with "Alarm On" in the display.

8. At the appointed time, the alarm sounds (a classical music melody) and the LED flashes.

◆ To silence the alarm and return to Standby mode, press END/⏻.

To Change the Alarm Setting

You can change the alarm easily. Here it is:

1. Press MENU to display the Main Menu.
2. Press 6MNO for User Setup.
3. Press 5JKL for Alarm.
4. Press 1 for Set.
5. Use the scroll keys to select "Daily" or "One Time" and press OK.

◆ If "Daily" was selected then the current date and time display along with the current alarm time.

◆ If "One Time" was selected then the date and time display along with the current alarm date and time.

6. Simply type over the alarm time settings as you desire and press OK. The phone returns to Standby mode with "Alarm On" in the display.

To Cancel the Alarm

You can cancel the alarm at any time. It's easy. Here it is:

1. Press MENU to display the Main Menu.
2. Press 6MNO for Sounds.
3. Press 5JKL for Alarm.
4. Press 2ABC for Release.
5. Press OK to "release" or cancel the alarm.

Sounds

Your phone makes many different sounds at different times. These sounds include:

◆ Ringer settings; see "Ringer Options" on page 50.

◆ Alerts settings; see "Audible Alerts" on page 40.

◆ a built in Alarm; see "Alarm" on page 47.

◆ a differential ring feature; see "Differential Ring" on page 53.

In addition to the above "Sound" features, your phone allows you to set the loudness that the keys beep when you press them. Here's how to do it.

Key Beep Volume Setting

The keys on your phone beep when they are pressed. The volume of the beeps can be easily set to one of eight levels. If you don't want the keys to beep at all, you can turn them off.

To set the key beep volume:

1. Press MENU to display the Main Menu.
2. Press 6MNO for User Setup.
3. Press 3DEF for Key Volume.

4. Repeatedly press the volume keys or scroll keys to adjust to one of eight levels. You'll see a graphical indication as you change it and you will hear the actual beep and how loud it will be. The illustration shows all eight bars (the loudest setting). No bars indicates the key beeps are turned off.
5. When the desired volume level sounds, press OK to save the setting or do nothing and your phone will automatically save it.

Ringer Options

Your Samsung phone provides a variety of ringer options. These ringer options allow you to customize the type of ring (vibrate, bell, or lamp) and the volume of the selected ring type. Also, the Differential Ring feature alows you to know when someone important is calling you.

One-Touch Vibrate Ringer

You can quickly set your phone to vibrate instead of ring when an incoming call or message arrives. When in Standby mode, press and hold the # Space to turn the vibrate ringer on or off. When vibrate ring is on, the icon appears in the top line of the display and the message "-Vibrate-" displays. When turned off neither of these indicators display.

Fast Ringer Mute

Mute the ringer during an incoming call by pressing the volume key (/) once. At the end of your call, your saved ring volume setting is automatically restored.

Ring Type Setting for Voice and Message Calls

This option enables you to set a unique ring type for incoming voice and message calls.

To set the ring type for voice calls:

1. Press MENU to display the Main Menu.
2. Press 6 MNO for User Setup.
3. Press 2 ABC for Ring.
4. Press 2 ABC for Ring Type.

5. Press the scroll keys to scan the available options (BELL, LAMP, VIBRATE, and VIB+BELL).
6. When the desired ring type sounds, press OK to save the setting. If you chose VIBRATE or VIB+BELL, the phone vibrates and returns to Standby mode. Otherwise it just returns to Standby mode.

Ring type setting for Data and Fax Calls

This option enables you to set a unique ring type for incoming data and fax calls.

To set the ring type for data and fax calls:

1. Press MENU to display the Main Menu.
2. Press 6 MNO for User Setup.
3. Press 8 TUV for Data/Fax Alert. The current setting sounds.
4. Press the scroll keys to scan nine ring types and four melody tones. Each tone sounds as you scan the options.
5. When the desired ring type sounds, press OK to save the setting.

Ring Volume Setting for all Incoming Calls

The volume of your ring will be the same whether you receive a voice, message, or data/fax call. There are nine volume levels for the ringer including off. You can set the ring volume from Standby mode or in the Main Menu.

◆ From Standby mode,

1. Repeatedly press the volume keys or scroll keys to adjust to one of nine levels. You'll see the graphical indication (shown here) as you change the volume level, but you

won't hear the ringer - this is so you can avoid disturbing people when you are in a quiet area. The illustration shows all eight bars (the loudest setting). No bars indicates the ringer is turned off.

2. When the desired ring volume setting displays, stop pushing and the phone returns to Standby mode automatically.

◆ In the Main Menu:

1. Press MENU to display the Main Menu.
2. Press 6 for User Setup.
3. Press 2 for Ring.
4. Press 1 for Ring Vol.
5. Press either the scroll or volume keys until the desired volume level is reached. You'll see the graphical indication (shown here) as you change the volume level, and the ringer auditions each volume level for you.

6. When the desired ring volume setting displays, stop pushing and the phone returns to Standby mode automatically.

Note: When the ringer is set to off, there are no audible tones to indicate incoming calls or messages.

Differential Ring

This feature enables you to set a unique ring type for up to 5 different callers. When set, if you receive a call from a number identified in Differential Ring, the tone or melody associated with that phone number rings.

To set the ring type for voice calls:

1. Press MENU to display the Main Menu.
2. Press 6 for Sounds.
3. Press 6 for Differential Ring.
4. Press the corresponding digit key (1~5) to select the desired storage location.
5. Enter the phone number of the desired party by pressing the digit keys.
6. To store the number, press OK.
7. Press the navigate keys to audition the list of ring tones and melody tones. Each tone sounds as you scroll the options.
8. When the desired tone or melody sounds, press OK to save the setting.

Voice-Activated Dialing

Your phone features Voice-Activated Dialing. When your phone is in digital mode, you can call up to 20 stored entries by speaking the name into the microphone. Using the Voice-Activated Dialing option requires that you first train the phone to recognize the name of the person you are calling.

Tips on Recording Names

- Avoid recording similar names phonetically. If you record a similar name to one that is already in memory, the phone requests another name.
- Avoid recording in a noisy place.
- Speak clearly and naturally.
- The person who will use the phone should record the name. The phone does not recognize anyone else's voice.
- Avoid very long or very short names. Names with two to five syllables are recommended.
- If a voice dial entry does not properly connect, you may need to record the name and number again.

Program the Phone for Voice-Activated Dialing

Programming your phone for Voice-Activated Dialing is easy. The phone provides voice prompts and screen displays to guide you through the recording process. To program the phone for Voice-Activated Dialing, first make sure you are in a fairly quiet environment, then:

1. Press MENU to display the Main Menu.
2. Press 7PQRS for Voice Dial.
3. Press 1 for Record. The phone will prompt you to say the name you want to program.
4. Wait for the beep and then say the name. For best results, use names with two to five syllables, or use both a first and last name. The phone stores the name as a sample first, and then prompts for the name again.
5. Respond to the prompt by repeating the name after the beep. The phone stores the name as a second sample and then requests the phone number.
6. Enter the phone number by pressing the digit keys.
7. To store the phone number, press OK. The name (if it is already in the Phone Book) and number display, along with the notification "Recorded". The screen then returns to the Voice Dialing menu.

Note: For Voice-Activated Dialing in Hands-Free mode, refer to the Hands-Free Car Kit Manual.

Voice Dialing Activation

Voice dialing is always active once you have programmed the phone to accept voice dialing entries. By default, pressing and holding * Shift will activate a voice dial call.

You can also initiate a voice dialing call by opening the phone, when you select this option through the Main Menu.

To change how a voice dialing call is activated:

1. Press MENU to display the Main Menu.
2. Press 7 PQRS for Voice Dial.
3. Press 4 GHI for Set Active.
4. Press the scroll keys to toggle between options:

◆ [*] Only: Enables voice dialing by pressing and holding * Shift.

◆ [*] / Flip: Enables voice dialing by pressing and holding * Shift, or by opening the phone.

5. When the desired option displays, press OK to save the setting.

Placing a Call using Voice Dialing

To place a call using voice dialing:

1. Press and hold * Shift, or open the phone, depending on the setting. The phone prompts you to say the name. Wait for the beep.
2. After the beep, say the name into the phone. Say the name as much like your original recording as possible.

◆ The phone places the call if it recognizes the name.

◆ If the phone does not recognize the name, it prompts for the name again.

◆ If the phone is unable to recognize the name after two attempts, the following message displays: "Cannot recognize name. Please check name.". The phone also says "cannot recognize name.". Then the phone returns to Standby mode and you can try the call again later.

Reviewing Voice Dialing Entries

To review voice dialing entries:

1. Press MENU to display the Main Menu.
2. Press 7 PQRS for Voice Dial.
3. Press 2 ABC for Review. A list of entries displays.

◆ Press the digit key to select the desired entry, or

◆ press the scroll keys to select an entry and press OK.

4. The recorded name plays, and if you do nothing, your entire voice dial list is scrolled and each entry played. When the last entry is played, the phone returns to Standby mode.
5. While listening, you can press CLR to return to the Voice Dial menu or END/⏻ to return to Standby mode.

Erasing Voice Dialing Entries

To erase an individual voice dialing entry:

1. Press MENU to display the Main Menu.
2. Press 7 for Voice Dial.
3. Press 2 for Review. A list of entries displays.
4. Press the digit key to select the desired entry, or press the scroll keys to scan entries. The recorded names play audibly as you scroll through the list.
5. When the desired entry displays, press OK to erase that entry.

To erase all Voice Dialing entries:

1. Press MENU to display the Main Menu.
2. Press 7 for Voice Dial.
3. Press 3 for Erase All.
4. Press OK to erase all Voice Dialing entries.

Message Services

Your Samsung Phone can receive short messages. The phone can receive four kinds of messages: voicemail notification (VMN), text, numeric pages, and Web Browser messages.

Incoming Messages

Your phone receives incoming messages in both Standby and Conversation modes.

When your phone receives a message, an alert sounds, and the screen displays ("New Voice", "New Text", "New Page" or "BrowserMsg") and the name / phone number of the caller if available. The message indicator (✉) remains on the screen until you listen to the new voicemail message, or read the new text, numeric page, or Web Browser message.

Note: If you are on a conversation, and you receive an incoming message, your phone automatically mutes the ringer (this is to avoid ringing in your ear while you are trying to converse).

Incoming Message Memory Capacity

Your Samsung Phone can store up to 100 incoming messages, depending on the length of the messages. When message memory reaches 75% capacity, the screen displays "Memory is 75% full. Erase old messages." At 100% capacity, the screen displays a text notification and rejects additional incoming messages until you erase the stored messages.

Reviewing Incoming Page, Text, or Browser Messages

You can review an incoming message upon notification, or store the message for later review. The Messages Menu provides options for reviewing the sender's name / phone number, time / date stamp and the message.

Note: To review a voicemail see "Reviewing Voicemail Messages" on page 63.

To review a numeric page, text message, or Web Browser message:

1. Press OK to display the Messages Menu.
2. Press 1 for Inbox. The number of new messages displays next to the associated message type in the menu.
3. Press 2 for Page, 3 for Text, or 4 for Web Browser. An indexed list of messages displays. An exclamation point next to an entry indicates an urgent message. A check mark next to an entry indicates that you have read and stored the message.
4. Use the scroll keys to scan messages, or press the associated digit key to select a message by its entry number.
5. When the message displays, use the scroll keys to review and re-review the message(s).
6. Press CLR to return to the previous screen.

Incoming Message Ringer

You can also set how often you want to be "alerted" or "told" that you have a message. To set this option:

1. Press OK to display the Messages Menu.
2. Press 1 for Inbox.
3. Press 5 for Alert.
4. Use the scroll keys to select one of the following options:

- ONCE - when you receive a message, your phone will ring one time.
- EVERY 2 MIN - when you receive a message, your phone will ring every two minutes until answered.
- OFF - when you receive a message, the phone will not ring, but the ✉ indicator will display when a message is waiting,

5. When the desired option displays, press OK to save the setting.

Incoming Messages and Lock Mode

Incoming messages are received even when your phone is in Lock mode. However, the screen will not display information about the message. To access a message, or to return a call other than an emergency or special number, unlock the phone to proceed.

Options when Reviewing Incoming Messages

The Messages menu provides a number of options while you are reviewing text messages. You can return a call to the phone number in the message, save or erase the message, and scroll to the next or previous message. Here's how to do it:

1. While reviewing a message, press MENU for options:

- Press 1 for Talk (to call the phone number).
- Press 2 to Save the number (if there is no Internal Phone Book match).
- Press 3 to Erase the message.
- Press 4 to review the Next message.
- Press 5 to review the Previous message.

2. Press CLR to return to the previous screen.

Note: If the message you are reviewing contains a phone number that is already stored in the Phone Book, the Save option does not display, and the available menu options will be: (1) Talk, (2) Erase, (3) Next Msg, (4) Previous Msg.

Erasing Inbox Messages

You can erase an individual text message, numeric page, or browser message after reviewing it, or erase all stored messages in your Inbox at one time (this does not include voicemail messages).

To erase all messages in your Inbox:

1. Press OK to display the Messages Menu.
2. Press 1 for Inbox.
3. Press 6 for Erase All.
4. Press OK to erase all text messages, numeric pages, and browser messages, or CLR to return to the Messages Menu.

To erase a message after reviewing it, refer to the previous section.

Voicemail

Setting up your Voicemail

Contact your service provider to setup your voice mail.

Reviewing Voicemail Messages

To review voicemail messages:

1. Press OK to display the Messages Menu. The number of new messages displays next to the associated message type in the menu.
2. Press 1 for Inbox. An indexed list of messages displays. An exclamation point next to an entry indicates an urgent message. A check mark next to an entry indicates that you have read and stored the message.
3. Press 1 for Voicemail.
4. Use the scroll keys to scan messages, or press the associated digit key to select a message by its entry number.
5. When the message displays, use the scroll keys to review and re-review the message(s).
6. Press CLR to return to the previous screen.

The Phone Book

Your Samsung phone lets you store up to 229 locations and names in the Phone Book. Each Phone Book name entry can have up to 6 associated phone numbers. Each entry can contain up to 32 digits including hard pauses, with an associated name of up to 12 characters. Name entry is optional. Stored phone numbers can be categorized as one of six categories - Home, Work, Mobile, Pager, Fax, and No-label. You can even specify the memory location of your choice for each entry. Memory locations can be marked "Secret" preventing the unauthorized from seeing the telephone number.

One-touch, two-touch, and three-touch Turbo Dialing makes it easy to call a phone number stored in your Phone Book. See "Memory Dialing Shortcuts" on page 72.

When entering names in the Phone Book, text entry defaults to alpha initial caps (press MENU to select other text entry options).

Viewing Stored Entries

You can locate and view your Phone Book entries 3 different ways:

Viewing Stored Entries in One Step

The OK key allows you to view your entire Phone Book in alphabetical order of the names (a-z), or by numerical order (1-229) from Standby or Conversation mode.

1. Slide the OK key up or down to access the Phone Book. Slide it up to access numerically and down key to access alphabetically).
2. Slide OK to navigate through your stored entries.

◆ You can place a call by finding the name or number that you want to call using this One Step Phone Book access and pressing the SEND key.

Finding Stored Entries by Name

1. Press MENU to display the main menu.
2. Press 4 GHI for Phone Book.
3. Press 1 for Find Name.

◆ Stored names display in an alphabetical list.

4. Using the alphanumeric keys enter the first character of the name that you want to find in your phone book. The phone searches for and displays the first Phone Book entry beginning with the character you entered. You can enter the second character of the name and your phone will display name entries beginning with the 2 characters you entered. You can also scroll through Phone Book entries using the navigation keys.
5. When you find your desired entry, make sure it is highlighted, and then press SEND to place a call, or OK to edit the entry.

Finding Stored Entries by Location

1. Press MENU to display the Main Menu.
2. Press 4 GHI for Phone Book.
3. Press 3 DEF for Find Entry.
4. Enter the location by pressing the associated digit keys, or use the navigation keys to located an entry and press OK to display the selected entry.

5. When you find your desired entry, make sure it is highlighted, and then press SEND to place a call, or OK to edit the entry.

Storing Phone Numbers and Names

To store phone numbers and names:

1. Press MENU to display the Main Menu.
2. Press 4GHI for Phone Book.
3. Press 2ABC for Add Entry. The screen prompts for the phone number. (You can enter up to 32 digits.)
4. Enter the phone number by pressing the digit keys. The number displays from left to right.
5. To store the phone number, press OK. The screen displays Select Name. At this point you can select <New Name> to create a new Phone Book entry, you will enter the name of the Phone Book entry later, or you can associate the new number with an exiting phone book entry.

To add the new phone number to an existing name

6. Use the navigation keys to select the name you want to add the new number to then press OK.

To create a new Phone Book entry <New Name>

7. To create a new Phone Book entry press OK.
8. Select Label for your new entry, your choices are:

◆ Press 1 Home

◆ Press 2ABC Work

◆ Press 3DEF Mobile

◆ Press 4GHI Pager

◆ Press 5JKL Fax

◆ Press 6MNO No Label

9. To accept the displayed location, press OK. To select another location, press the navigation keys to scroll to the desired location, or enter the location number by pressing the digit keys, and then press OK.
10. To include a name with the phone number entry, enter the name at the screen prompt.
11. Press OK to save the entry.

Note: If the desired memory location already contains an entry, the phone displays a message asking if you want to replace the current entry. To replace the entry, press OK. To return to the previous screen and select another location, press CLR.

Storing phone numbers shortcuts

You can store a phone number quickly by entering the number, and then pressing OK. Then follow the prompts to designate the memory location and to enter the associated name. You can quickly save a number after an incoming or outgoing call. See below in "Storing phone numbers at the end of a call" on page 67.

Storing phone numbers at the end of a call

To store a phone number after ending a call:

Note: If the call was incoming, and Caller ID information was not available, then the store option will not be available.

1. Press END/O to end the call. The screen displays the call time (length of call), phone number of the party (if available), and the "OK: Save" option.
2. To store the phone number, press OK. The first available location displays.
3. To accept the location, press OK. To select another location, press the scroll keys to scroll to the desired location, or enter the location number by pressing the digit keys, and then press OK.
4. To include a name with the phone number entry, enter the name at the screen prompt.
5. Press OK to save the entry.

Prepend a Phone Number

Your phone includes a Prepend feature. This feature lets you add a temporary prefix to telephone numbers stored in the Phone Book.

To Prepend a stored phone book number:

1. Press MENU to display the Main Menu.
2. Press 4GHI for Phone Book.
3. Find the number you want to Prepend using one of the search methods described under "Viewing Stored Entries" on page 64, and then press OK.
4. Press MENU to display options.
5. Press 4GHI to Prepend the number.
6. The screen displays "Prepending". Use the digit keys to enter the calling prefix and then press SEND to place the call.

Adding a Name Ringer

You can associate one of 21 different ringers (11 melodies and 10 tones) to numbers stored in your Phone Book. When you receive an incoming call from a number matching an entry in your Phone Book your phone will sound the associated ringer to announce the call.

Note: If the Caller ID information was not available for an incoming call then the Name Ringer option will not be available.

To add a Name Ringer to a Phone Book entry:

1. Press MENU to display the main menu.
2. Press 4GHI for Phone Book.
3. Find the number you want to add a Name Ringer to using one of the search methods described under "Viewing Stored Entries" on page 64, and then press OK.
4. Press MENU to display options.
5. Press 6MNO to add a Name Ringer.
6. Your phone will begin to play the ringer if set for the number. If a Name Ringer is not set, then "Off" displays. Use the navigation keys to listen to the ringers (you have 10 tones and 11 melodies to select from). When the desired ringer sounds, press OK to save your selection.

Changing Your Phone Book

Editing Phone Book numbers

Once you have stored a number in the Phone Book you can easily change it. To change a Phone Book entry:

1. From Standby mode, find the number that you want to change by Sliding the key and then scrolling to the number.
2. Press the key to display the name and number.
3. Press the MENU key for options.
4. Press 3 for Edit. Your edit options display. If the number has been designated as Secret you are prompted to enter the Lock Code.

◆ Press 1 to change the number

◆ Press 2 to change the name.

◆ Press 3 to move the number to a different location.

◆ Press 4 to make the number secret.

◆ Press 5 to Set Speed Dial number.

Secret Phone Book numbers

Your Samsung Phone allows you to hide a confidential number so that only a person with your phone's lock code can view the number and name. To make a number secret, see the previous paragraph. When you have made the number secret, the phone will not allow anyone to view information on the number unless they enter your 4-digit lock code.

Erasing Phone Book Entries

To erase a Phone Book entry:

1. Press MENU to display the Main Menu.
2. Press 4 for Phone Book.
3. Access the desired entry using the methods described under "Viewing Stored Entries" on page 64.
4. Select the Phone Book entry to be deleted and press .
5. When the Phone Book entry displays press MENU 5 . The screen prompts for confirmation.
6. Press to erase the displayed entry.

The "Erased" notification displays along with the name, number, and location of the erased entry.

Erasing the Phone Book

To erase the entire Phone Book:

1. Press MENU to display the Main Menu.
2. Press 0 for Security and enter the lock code.
3. Press 6 for Clear Memory.

◆ Press to Erase. In a moment the message "All Entries are Cleared" displays.

◆ Press CLR to Cancel.

Set Speed Dial

Set 1 of the 6 possible numbers stored with a name to be the speed dial number for that person.

Dialing numbers from your Phone Book

Dialing numbers from your Phone Book is quick and easy. There are five methods explained below.

Memory Dialing Shortcuts

Scroll to the number:	From Standby mode, Slide the key to enter your Phone Book list. Scroll until you find the desired person or number, and then press the SEND key.
1-Touch Turbo Dialing:	From Standby mode, press and hold the associated digit key for the location (applies to memory locations 1 through 9).
2-Touch Turbo Dialing:	From Standby mode, press and release the first associated digit key, and then press and hold the second digit key (applies to memory locations 10 through 99).
3-Touch Turbo Dialing:	From Standby mode, press and release the first associated digit key, then press and release the second digit key, then press and hold the third digit key (applies to memory locations 100 through 229).
Speed Dialing:	From Standby mode, enter the number of the memory location, and press SEND.

Your Phone's Security Features

Your phone provides many security options, including a user-programmable lock code and call restriction features. To access the Security menu from Standby mode, press MENU, 0 Next, and then enter the four-digit lock code (the lock code is set at the factory to "0000"). Press the associated digit key to access one of the following Security options:

- 1 - Lock
- 2 - Restrict
- 3 - Lock Code
- 4 - Priority #
- 5 - PIN
- 6 - Clr Memory
- 7 - Hide My #
- 8 - Vocoder
- 0 - Reset Phone

Lock Mode

When the phone is in Lock mode, you can answer incoming calls, but you cannot place outgoing calls (except to 999, 911, and 110, and to the seven user-programmable Priority numbers).

You can lock the phone manually during use, or set the phone to lock automatically when it is turned on.

Dialing in Lock Mode

You can place calls to emergency services and priority numbers while your phone is in Lock mode. To place normal outgoing calls in Lock mode, enter the lock code to unlock the phone, and then dial the phone number.

To place an outgoing call in Lock mode:

- To call an emergency or priority number, enter the number and then press SEND. You must dial the number exactly as it is stored or you will get an error message; "Priority # Dialing Only".
- To place normal outgoing calls, press MENU to display the Lock Code screen, and then enter the lock code. When the Standby screen displays, enter the phone number, and then press SEND.

Locking the Phone

The Security menu allows you to lock the phone

- manually at any time, or
- automatically the next time that the phone is turned on. This setting is convenient in that you can turn your phone off at night, knowing that if someone unauthorized attempts to turn it on and use it, they will not be able to do so because the phone will power up in lock mode.

To lock the phone:

1. Press MENU to display the Main Menu.
2. Press 0 for Security and enter the lock code.
3. Press 1 for Lock Phone.
4. Press the navigation keys to select an option:

- OFF: The phone unlocks immediately.
- NOW: The phone locks immediately and stays locked until the lock code is entered.

- ON POWER-UP: The phone locks automatically the next time your phone is turned on and stays locked until the lock code is entered.

5. Press OK to save the setting.

Unlocking the Phone

To unlock the phone, press MENU and enter the lock code. The phone returns to Standby mode.

Call Restriction Options

Your phone allows call restriction by three methods. You can use any of the following options alone or in any combination:

- Phone Book - restricts use and viewing of all phone book entries. However, note that manual keypad dialing is unlimited (even to numbers stored in the Phone Book).
- Incoming - restricts all incoming calls.
- Outgoing - restricts all outgoing calls (except to the seven priority numbers, 999, 911, and 110 - calling to these numbers can never be restricted). See "Priority Numbers" on page 77.

To set call restriction options:

1. Press MENU to display the Main Menu.
2. Press 0 for Security and enter the Lock Code.
3. Press 2 for Restrict.
4. Press the associated digit key to select an option:

- Press 1 for Phone Book calls.
- Press 2 for Incoming calls.
- Press 3 for Outgoing calls.

5. Use the navigation keys to select RESTRICT or UNRESTRICT for the option.
6. Press OK to save the setting or CLR to exit without saving.

Lock Code Setting

The default lock code for your phone is 0000. You can enter a personal lock code, and then change the lock code as often as you like.

To enter a new lock code:

1. Press MENU to display the Main Menu.
2. Press 0 Next for Security and enter your current lock code.
3. Press 3 DEF for Lock Code. The current lock code displays.
4. Enter a new, four-digit lock code by pressing the digit keys.
5. Press OK to save the new lock code or END/⏻ to exit.

Note: Your phone does not allow viewing of the lock code unless you know the lock code (this is for obvious security reasons). So, if you change the lock code, be sure to write down the new code and keep it for your reference.

Priority Numbers

Your phone provides the option of storing seven priority numbers. Each priority number can be up to ten digits long.

All seven priority numbers can be manually dialed at any time even when your phone is locked or all outgoing calls are limited. This can be a useful feature for controlling what numbers can be dialed from your phone (for instance if you only want your child to call home).

Storing a Priority Number

To store a priority number:

1. Press MENU to display the Main menu.
2. Press 0 Next for Security and enter the four-digit lock code.
3. Press 4 GH for Priority #.
4. Select one of the seven locations by pressing a digit key (1 - 7) or scrolling to the location and pressing OK.
5. Enter the priority number by pressing the digit keys. Priority numbers can be up to ten digits long. If a number is already stored in the location, it is automatically deleted when you enter the new number.
6. Press OK to save the priority number in the selected location.
7. Press END/⏻ to return to Standby mode.

Dialing Priority Numbers in Lock Mode

To dial priority numbers in Lock mode:

1. Enter the priority number by dialing it as you normally would using the digit keys. You must dial the number exactly as it is stored or you will get an error message; "Priority # Dialing Only".
2. Press SEND to place the call.

Personal Identification Number (PIN)

Note: Your service provider must enable this feature and assign you a PIN in order for this feature to work.

This feature prevents your phone from being used by unauthorized persons. Contact your service provider for complete information on this feature. Your PIN is programmable and can be up to 24 digits. To set when your PIN is sent:

1. Press MENU to display the Main menu.
2. Press 0 Next for Security and enter the four-digit lock code.
3. Press 5 JKL for PIN.
4. Press 1 for Send PIN.
5. Use the scroll keys to select Prompt or Never.
6. Press OK to save the setting.

To set your PIN code:

1. Press MENU to display the Main menu.
2. Press 0 Next for Security and enter the four-digit lock code.
3. Press 5 JKL for PIN.
4. Press 2 ABC for PIN Code.
5. The current PIN code displays. Enter a new PIN code by pressing the appropriate digit keys.
6. Press OK to save the setting.

Erasing Your Phone Book (Clear Memory)

You can erase all the numbers stored in your Phone Book. This is useful is you want to give your phone to a friend or family member, or if you decide to lose all of your friend's phone numbers ! Here's how to do it:

1. Press MENU to display the Main menu.
2. Press 0 Next for Security and enter the four-digit lock code.
3. Press 6 MNO for Clr Memory. A confirmation screen displays.
4. Press OK to erase your Phone Book, or press CLR to cancel the operation.

Hiding your Phone Number

When this feature is turned on, your phone number is hidden from view in three ways:

- When you turn the phone on, your phone number will not display during the power up sequence.
- From Standby mode, when using MENU 6 MNO 1 4 GHI, rather than displaying your number, the phone responds "# Hidden".
- From Conversation mode, when using MENU 6 MNO, rather than displaying your number, the phone responds "# Hidden".

To set this feature:

1. Press MENU to display the Main Menu.
2. Press 0 Next for Security and enter the Lock Code.
3. Press 7 PQRS for Hide My #.
4. Use the scroll keys to select ON or OFF.
5. Press OK to save your setting.

Vocoder

In the Vocoder mode, users can choose the way to process voice signals on the phone. With default setting of EVRC Forced, noises made with voice signals are minimized so that users may be clearly heard even at noisy places.

To set the Vocoder mode

1. Press MENU to display the Main Menu.
2. Press 0 Next for Security and enter the Lock Code.
3. Press 8 TUV for Vocoder mode.
4. Use the scroll keys to select a mode.
5. Press OK to save your setting.

Resetting Your Phone

Resetting the phone erases all of your saved options and returns them to the factory default settings. Resetting the phone does not affect your Phone Book, Call Logs, or SMS messages.

To reset the phone:

1. Press MENU to display the Main Menu.
2. Press 0 Next for Security and enter the Lock Code.
3. Press 0 Next for Reset Phone. A confirmation screen displays.
4. Press OK to reset the phone, or press CLR to cancel the operation.
5. The phone reboots (turns itself off then on), restores the default settings, and then returns to Standby mode.

Keeping Track of Your Calls

Your phone does a great job of telling you about it's calling activity, and lets you return these calls easily.

Your phone retains in non-volatile memory two lists:

◆ one list for the last 10 calls placed to your phone, and

◆ one list for the last 10 calls placed from your phone

Each entry in the lists is referred to as a Call Log. Each log contains the name and phone number (if available), and a time/date stamp. In case of duplicate entries back-to-back, the phone consolidates those logs and stores only the most recent call from or to the same number.

You can also erase your call logs lists easily (see "Erasing Call Logs" on page 83).

In addition to the Incoming and Outgoing Call Logs lists, your phone maintains several Airtime logs. See "Reviewing Air Time" on page 84 for information on this useful feature.

Displaying Your Call Logs

When displaying a Call Log, you can conveniently press SEND to be immediately connected. To display your call logs:

1. Press MENU to display the Main Menu.
2. Press 3 DEF for Call Logs.
3. Press:

◆ 1 for Outgoing calls.

◆ 2 ABC for Incoming calls.

4. When the list of calls displays, press the scroll keys to scan the logs. You can press SEND to be immediately connected, or press OK to view the time / date stamp for each log, and the name (if there is a Phone Book match). If there is not a Phone Book match, only the phone number and time/date display.
5. When looking at a call log, you can press MENU for more options. Press:

◆ 1 to call the number.

◆ 2 ABC to show the phone book entry for the caller (if the caller is in your phone book). If the caller is not in your phone book, then this option will be "Store" and pressing it will allow you to store the number into your phone book.

◆ 3 DEF to Prepend the number with a feature code or area code before calling or saving the number.

6. Press CLR to exit Call Logs and return to the previous screen or END/⏻ to return to Standby mode.

Erasing Call Logs

You can erase your incoming and outgoing call lists easily. Here's how to do it:

1. Press MENU to display the Main Menu.
2. Press 3 DEF for Call Logs.
3. Press the associated digit key to select an option:

◆ Press 1 for Outgoing calls.

◆ Press 2 ABC for Incoming calls.

◆ Press 3 DEF for All.

4. A confirmation screen displays to make sure you want to erase. Press OK to erase or CLR to cancel.

Reviewing Air Time

Your phone stores three airtime measurements:

- Last Call - the date, time, and length of your last call.
- Total - the total number of calls and total airtime. This log can easily be erased by you and is very convenient for tracking your calls on a monthly basis. You can get a good idea (although not exact) of how much airtime should appear on your monthly bill.
- Life Time - the entire airtime for your phone since it was purchased. This airtime log is kept for historical and maintenance reasons, and cannot be erased.

To review airtime:

1. Press MENU to display the Main Menu.
2. Press 3 DEF for Call Logs.
3. Press 4 GHI for Air Time.
4. Press:

- 1 for Last Call. The screen displays the phone number of the last call, along with the airtime and the time / date stamp. Press CLR to return to the previous screen.
- 2 ABC for Total. The screen displays the total number of calls and the airtime for all calls since the last time this number was restarted (or erased). Press CLR to return to the previous screen.
- 3 DEF for Erase Total. Erasing this will cause the "Total" airtime log to be set to "0". This is a good method to measure how much airtime you log in the time frame of your choice (say a week or a month or a day).

Press OK to erase the total airtime, or press CLR to cancel the operation and return to the previous screen.

- 4 GHI for LifeTime. The screen displays the combined airtime of every phone call that has been made on your phone.

Scheduler

Your Samsung Phone features a Scheduler to help you keep track of important dates and events, create To Do Lists, set a Count Down alarm, check the time in another part of the world and perform numerical calculations. To access your Scheduler press MENU 5. Press the associated digit key to access one of the Scheduler options or navigate to the option you want and press OK to access that option. Scheduler has the following options:

- 1: Today
- 2: View Month
- 3: Jump To Date
- 4: To Do List
- 5: Count Down
- 6: World Time
- 7: Calculator
- 8: Game

When entering events in the Scheduler, text entry defaults to T9® Word initial caps (press MENU to select other text entry options).

Today

You can schedule up to 9 events for the current day, Today, indicating each events start and end time. You can even have your telephones Scheduler alert you before an event is to start. Events scheduled for future dates automatically appear on your Today events schedule on that day. For one key access to Today events, slide OK to the left.

Here's how to enter an event:

1. Press MENU to display the Main Menu.
2. Press 5 for Scheduler.

3. Press 1 for Today.
4. Enter your event information, you can enter up to 32 characters. For more information on Text and Symbol Entry refer to "Entering text, numbers, or symbols" on page 101.
5. Press OK.
6. Enter the Start Time and Date, and press OK.
7. Enter the End Time and Date, and press OK.
8. Select an alarm to notify you of your event. Your Alarm options are: 10 minutes Before, 30 minutes Before, 1 hour Before, On Time, and No Alarm.

To View an Event:

1. Press MENU to display the Main Menu.
2. Press 5 for Scheduler.
3. Press 1 for Today.
4. Use the navigation key (OK) to view all of the Event information. If you have more than one event use the navigation key OK to display more events.

To Add, Edit, or Erase Events:

1. Press MENU to display the Main Menu.
2. Press 5 for Scheduler.
3. Press 1 for Today.
4. To add a New Event for Today press MENU and 1.
5. To Edit an Event, navigate to the Event to be edited and press MENU 2.

6. To Erase an Event, navigate to the Event you want to erase and press MENU 3DEF.

7. Press MENU 4GHI to Exit the Options menu.

View Month

View Month allows you to view in calendar format the current month or a past or future month. In Month View the current date is highlighted on the calendar (reverse video). Days with scheduled Events are underlined. When in month view, the scroll keys work like this:

◆ To move up or down the calendar by one week with sliding OK up or down.

◆ To move right or left one day with sliding OK left or right.

◆ the volume keys move up or down one month at a time.

Access View Month as follows:

1. Press MENU to display the Main Menu.
2. Press 5JKL for Scheduler.
3. Press 2ABC for Month View.

◆ Remember, the current date is highlighted.

◆ Use the navigation key (OK) to select the month and day.

To View a scheduled Event, to add a New Event, or to Edit or Erase an Event on your schedule:

1. Press MENU to display the Main Menu.
2. Press 5JKL for Scheduler.
3. Press 2ABC for Month View.

◆ The current date is highlighted.

◆ Use the navigation key (OK) to select the month and day.

4. Press OK to display Events for the selected day. If no Events are scheduled for your selected day (the date is not underlined) your phone will automatically go to the New Event function.

◆ Use the Navigation key OK to view all events for the day you selected.

5. Press OK to return to the calendar.
6. Press MENU to display the Options menu. Choose what you want to do from the Options: New Event, Edit Event, Erase Event, and Exit. All of these options work as described above.

Jump To Date

Jump To Date allows you to specify the calendar date you want to view. Once at your desired date you can Enter, Edit, and Erase events in your scheduler.

To Jump To Date enter your Scheduler:

1. Press MENU to display the Main Menu.
2. Press 5JKL for Scheduler.
3. Press 3DEF for Jump To Date.
4. Enter the date using the digit keys.
5. Press OK to display the calendar and the date you jumped to. The date you jumped to is highlighted (reverse video).

To add, edit, or erase events refer to "View Month" on page 86.

To Do List

Your telephones Scheduler can help you keep track of and prioritize the things you need to do, your To Do List. You can enter and prioritize up to 20 items on your to do list.

Here's how to create a To Do List:

1. Press MENU to display the Main Menu.
2. Press 5 for Scheduler.
3. Press 4 for To Do List.
4. Enter the item you need to do. To input text and characters refer to "Entering text, numbers, or symbols" on page 104.
5. Press OK.
6. Enter the time and date.
7. Press OK.
8. Using the navigation key (OK) set the priority for To Do List item. Your choices are High or Low.
9. Press OK to save your prioritized To Do List item.

To view, Edit, Add, or Delete To Do List items

1. Press MENU.
2. Press 5 for Scheduler.
3. Press 4 for To Do List.

If you have more than one To Do List item use the navigation keys to navigate through your To Do List.

4. Using the navigation key (OK) find the To Do List item you want to change and press MENU.

5. Press the navigation keys or a digit key to select one of the available Options. Your choices are New Event, Edit Event, Erase Event and Exit.
6. Press OK.

Count Down

Have you ever wanted to know how much time it takes you to do something, or how many minutes, hours, days and months until a special event? Your telephones Count Down option can help you answer these questions. You can create up to 5 Count Down timers using the Count Down of Scheduler.

To enter a Count Down:

1. Press MENU to display the Main Menu.
2. Press 5 for Scheduler.
3. Press 5 for Count Down.

◆ Your telephone is programmed at the factory to Count Down the time remaining until Jnu 1, 2002, World Cup.

4. Press MENU OK or MENU 1 to enter a new Count Down.
5. Enter the name of your new Count Down. To input text and characters refer to "Entering text, numbers, or symbols" on page 101.
6. Press OK.
7. Enter the time and date that you want to Count Down from or Count Down to.

◆ Press the volume key to toggle between AM and PM, or press 2 for AM or 7 for PM.

◆ Count Downs can be entered for dates between the years 1980 and 2099.

8. Press OK.

To view Add, Edit, or Erase a Count Down:

1. Press MENU to display the Main Menu.
2. Press 5 for Scheduler.
3. Press 5 for Count Down.

◆ Count Down timers display in order of least amount of time passed since the Count Down was started and least amount of time remaining until the specified date.

◆ Use the navigation keys to view all Count Down entries.

4. Using the navigation key (OK) select the Count Down you want to change and press MENU. You can add a new Count Down by pressing MENU OK.
5. Using the navigation key OK select one of the Options, New Event, Edit Event, Erase Event, or Exit and press OK. Remember, you can also press the digit corresponding to one of the Options to select that Option.

World Time

Are you wanting call a friend in another part of the world are you wondering what time of the day it is there? To know what time it is before you call use the World Time function of Scheduler. World Time will tell you what time it is in 24 different time zones around the world along with one or more major cities, states or countries in a time zone.

To check the current time in another city or country:

1. Press MENU to display the Main Menu.
2. Press 5 for Scheduler.
3. Press 6 for World Time.
4. Use the navigation key (OK) to find the current time in one of these cities, states, countries time zone:

- San Francisco
- Chicago, Mexico
- Caracas
- Mid Atlantic
- London, Madrid
- Athens, Helsinki
- Abu Dabi
- Alma-ate
- Hong Kong, Beijing
- Guam, Sydney
- Wellington
- Honolulu, Hawaii
- Denver, Arizona
- New York, D.C.
- Buenos Aires
- Cape Verde
- Paris, Berlin
- Moscow
- Tashkent
- Bangkok, Jakarta
- Seoul, Tokyo
- Okhotsk
- Samoa, Midway
- Alaska

5. Press END.

Calculator

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

To perform a calculation:

1. Press MENU to display the Main Menu.
2. Press 5 JKL for Scheduler.
3. Press 7 PQRS for Calculator.
4. Press digit keys to enter the first number in your calculation. Numbers can be up to 9 digits in long.

◆ Press * Shift to enter a decimal point.

◆ Press # Space to change the sign of a number to a negative (-).

5. Use the navigation key (OK) to set the operator for your calculation, your choices are:

◆ [+] addition

◆ [-] subtraction

◆ [x] multiplication

◆ [/] division

6. Press digit keys to enter the second number of your calculation.
7. Press OK to perform the calculation and see the result, or:
8. You can continue to perform calculations with the same operator or change the operator and continue your calculations. Every time that you change the operator the previous calculation is performed and the result displayed as the top number in the display.
9. Press OK to perform the calculation and see the result.

Game

You can enjoy games with the phone.

To perfomm a game:

1. Press MENU to display the Main Menu.
2. Press 5 JKL for Scheduler.
3. Press 8 TUV for Game.
4. Scroll to the desired game and press the OK key.

◆ Press MENU to display the Game Menu.

◆ Press OK to select.

◆ Press CLR to cancel.

◆ Press END/⏻ to exit.

Fax and Data Calls

Your Samsung phone is capable of sending and receiving digital data and fax calls when connected to a computing device (laptop, desktop, handheld, palmtop, etc.) running Windows 95, Windows 98, or Windows NT. Your Samsung phone functions just like a typical modem on your PC, enabling you to use wireless data involving a wide variety of Windows software applications.

To use digital data with your Samsung phone, you will need to obtain a digital data/fax kit from your service provider. This kit will contain the necessary cables, software, and documentation required for you to connect and use your Samsung phone with your computing device.

Note: The phone must be on a digital network to receive or send faxes and data.

Receiving a Fax

1. Ensure that your phone is connected to your PC and is powered on.
2. Press MENU to display the Main Menu.
3. Press 8TUV for Setup.
4. Press 9WXYZ for Data / Fax.
5. Use the scroll keys to select "Incoming Fax Only".
6. Press OK to save the setting. The screen displays "No incoming voice calls can be received". Your phone then returns to Standby mode and displays " * Fax Only * " above the greeting.

Note: Once you have set your phone's mode to "Incoming Fax Only", you cannot receive regular voice calls until you change back to "Voice".

7. In the Fax program on your PC, setup the Answer mode. Click on "Receive" and select one of the following:

◆ Automatic Receive (recommended)

◆ Manual Receive

Your phone is now ready to receive an incoming fax.

Receiving a Data File

1. Ensure that your phone is connected to your PC and is powered on.
2. Press MENU to display the Main Menu.
3. Press 8TUV for Setup.
4. Press 9WXYZ for Data / Fax.
5. Use the scroll keys to select "Incoming Data Only".
6. Press OK to save the setting. The screen displays "No incoming voice calls can be received". Your phone then returns to Standby mode and displays " * Data Only * " above the greeting.

Note: Once you have set your phone's mode to "Incoming Data Only", you cannot receive regular voice calls until you change back to "Voice".

Your phone is now ready to receive an incoming data call.

Sending a Fax or Data File

When connected to a computing device, your phone allows wireless fax and data transmissions. Your computing device software initiates the call to the destination phone number. Your Samsung phone functions acts as a wireless modem to send the fax or data file to the number designated by your pc software.

The Web Browser(WAP)

The Web Browser allows you to access certain information such as stock quotes and weather via the Internet. Browsing the web via the phone is not like using your home computer. Site providers have selected only the critical aspects of their site to present to wireless phone users, and have removed most graphics.

Each time you start the Web Browser, the phone will connect to your browser service, and the service indicator icon ( ) will appear on the display. Any time the service indicator icon is visible on the display, your phone is connected to the network and you will be billed accordingly. Rates will vary according to your billing plan.

The Web Browser will end the connection after a certain period of network inactivity and will automatically re-connect as necessary. This is normal and is designed to minimize your bill.

To Setup the Web Browser Prompts

Your phone can be set so that you view a prompt each time you start or end a Web Browser session. You have the option to change when these start and end prompts appear. The default setting is no start or end prompt. Here's how to change the settings:

1. Press MENU to display the Main Menu.
2. Press 8TUV for Setup.
3. Press 0Next for Web Browser.
4. Use the scroll keys to select one of the four options:

◆ Prompt to start. (You will see the prompt when you enter the browser, but not when you exit it.)

- Prompt to end (You will see the prompt only when you exit the browser.)
- Prompt both (You will be prompted when you enter or exit the browser.)
- Prompt none (The default setting. You will never see the prompt.)

5. Press OK to save your setting or CLR to cancel.

Launching the Web Browser

Note: The first time you use the Web Browser, you will go through a security setup process that takes 3 to 5 minutes. Please follow the on-screen prompts to complete the security setup process. This initial setup process occurs only the first time you access the service.

1. Press MENU 1 to access the Web Browser.

Note: A reminder of the charge will appear. Using the soft keys, simply answer yes by sliding OK left or no by sliding OK right.

2. Once connected, the Home page (or the last page visited) will be displayed. To access the Home menu page from any other menu in the Web Browser, press CLR.
3. What appears on the display when accessing the Web Browser is dependent on the service provider content. To view additional text, use the scroll keys.

To exit the Web Browser

Simply press END/⏻ to exit the Web Browser. If the "Prompt to end" or "Prompt both" option is set in the Web Browser Setup (END/⏻ 8TUV 6MNO), you will be prompted whether you want to end the browser call.

The Web Browser Soft Keys

At the bottom of the Web Browser display is a solid bar which contains browser commands. "Soft" keys below the slide bar are used to execute the commands. These two keys are called soft keys because their function changes depending on where you are in the Web Browser software.

Navigating the Web Browser

When you use the Web Browser, some keys on your phone operate differently than on a normal phone call. These keys are explained below. The Web Browser presents on-screen items in one of the following ways:

- text or numeric input
- links (embedded in content)
- numbered options (some options may not be numbered)
- simple text

You can act on the options or links by making use of the soft keys. The soft keys are located below the bottom line of the display.

Here's how the keys work in the Web Browser:

1. **OK / Soft Keys:** This is left or right soft key. When you slide this key left it will be a left soft key, or slide right it will be a right soft key. If you press OK to select the highlighted item.

2. **OK/Navigation key:** Use the navigation key (OK) to scroll to and select brower options by sliding left, right, up or down. The currently selected option is indicated by "". You can also use the navigation keys to move the cursor when editing text.

3. **Volume Key:**

   - Allows you to scroll up or down by a page.

4. **SEND Key:** Press this key to receive a call while in a Web Browser session. For more information on this feature see "Receiving a phone call while in the Web Browser" on page 105.

5. **CLR Key:** This key performs two functions:

   - Backs you up in the browser. Pressing it once backs you up one page. Pressing and holding it backs you up to the Home page.
   - Clears out entered text or numbers. When entering numbers or text, press to clear the last number, letter, or symbol. Press and hold to completely clear the input field.

6. **Numbered Keys 0 - 9:** If the items on a page are numbered, you can use these keys to select them.

7. **Asterisk Key:** This is the shift key. Press before entering text to create upper case letters.

8. **0 Key:** Enters a 0. Moves to the next word in T9 mode.

9. **Pound Key:** This is the space key. Press to insert a space.

10. **END Key:** Exits the Web Browser and returns the phone to Standby mode.

11. **MENU Key:** Press this key to display browser Menu.

Entering text, numbers, or symbols

When you are prompted to enter text, the current text entry method will appear on the right soft key as T9word, alpha, SYM1 or NUM. To change the Input Mode, press the MENU soft key.

T9® Text Input

T9 Text Input enables you to easily enter text. T9 (for "text on 9 keys") requires only one key press per letter, and quickly recognizes the most commonly used word of a numeric sequence. For example, to enter the word "hello," you can spell out the word by pressing only five keys, 4-3-5-5-6. T9 Text Input knows the most commonly used sequence for that numeric sequence is "hello". If two or more words share the same numeric sequence, T9 software provides the most commonly used word, with the ability to scroll to the next most commonly used word by pressing the 0 Next. Press 0 Next repeatedly to display all of the available words that T9 knows. When the word you want displays continue to enter text in the same way or you can change to another text or character entry mode. If the word you want to enter is not known by T9 press MENU to change the Input Mode.

Alphabetical Text Entry

Text characters may be entered in alpha Input Mode by pressing the key corresponding to the letter that you want to enter. Press the same key repeatedly to change between the characters represented by each key.

Numbers and Symbol Entry

Numbers and symbols are entered by changing to the appropriate Input Mode and pressing the soft key for the symbol you want, or the digit key of the number you want.

Using Links

Links have several purposes, including jumping to a different page, jumping to a different site, or even initiating a phone call from some sites. Links are shown inside of brackets

([ ]), and you can normally use the left soft key to select a link when it is highlighted.

Initiating a Phone Call during a Web Browser Session

You may initiate a phone call from the Web Browser if the site you are using supports this feature (the phone number may be highlighted and the left soft key will appear as "Call."). In most cases, you can also use the SEND key to call the number. The browser connection will be terminated when you initiate the call. After you end the call, your phone will return to Standby mode.

Receiving a phone call while in the Web Browser

You can receive phone calls while in a Web Browser session. During a Web Browser session your phone and your service provider pass information back and forth in packets, this is done for efficiency and it reduces your service access cost. Your phone is connected to the service provider only during the exchange of a packet; the Service Indicator will be present when a packet is being exchanged. Your phone stores this information contained in a packet in memory for you to use. Whenever packets, or information, is not being exchanged your phone can receive calls. To answer a call while in the Web Browser press the SEND key. When you complete your call you are automatically returned to your Web Browser session where you were when you answered your call.

Using Bookmarks

You can bookmark many individual pages for easy access at a later time. Bookmarks save you time by reducing the number of steps it takes to access a desired page.

To Create a Bookmark

1. Go to the page that you want to mark.
2. Press MENU. A list of options appears.
3. Select Mark Site.
4. If the page has a title, it will be automatically used for the name of the bookmark. You can also change the bookmark name. Selecting Save will save the name and add the page to your list of bookmarks.
5. A message will appear confirming that the bookmark was added to the list. Select OK to return to the screen that you marked to resume navigation within the Web Browser.
6. The new bookmark is added to the bottom of your bookmark list.

Finding a Bookmark

1. From the Home Page, select Bookmarks.
2. Select the bookmark you want and press OK.

Or

1. From the Home Page, press and hold the number associated with the bookmark in the bookmark list.

Orange Menu

You can use the Phone Tool kit service's features in your phone.

To use this service. Press MENU, 2ABC.

For more information, please contact with your local provider.

Menus

Your phone includes both a Main Menu and an In Use Menu.

Main Menu

The Main Menu contains nine primary options, most of which contain sub-menus (see "Your Phone's Main Menu" on page 109).

In Use Menu

The In Use Menu options are available in Conversation mode:

1. Mute / (Un)mute
2. Calls
3. Phone Book
4. Silent Key
5. Send Tel #
6. My Phone #
7. Version

SND: Send DTMF

Navigating Menus

To access a menu option, press MENU, and then press the scroll keys to scan menu options. Press the associated digit key to select the desired option. If you know the number of the option you want to select, simply press MENU, and then press the associated digit key to select the desired option. (You do not have to scroll through the list or display an option in order to select it.)

Note: Closing the phone will cancel any menu operation. The phone will automatically return to Standby mode from any menu if you don't touch a key for 60 seconds.

Your Phone's Main Menu

Main Menu	Main Menu 1	Main Menu 2
1. WAP ➪	1. Help	
	2. Home	
	3. Mark Site	
	4. Show URL	
	5. Restart	
	6. Phone. con	
	7. Advanced	
2. Orange		
3. Calls ➪	1. Outgoing	
	2. Incoming	
	3. Erase Logs ➪	1. Outgoing
		2. Incoming
		3. All
	4. Air Time ➪	1. Last Call
		2. Total
		3. Erase Total
		4. Life Time
4. PhoneBook ➪	1. Find Name	
	2. Add Entry	
	3. Find Entry	
5. Scheduler ➪	1. Today	
	2. View Month	
	3. Jump To Date	
	4. To Do List	
	5. Count Down	
	6. World Time	
	7. Calculator	
	8. Game	
6. User Setup ➪	1. Display ➪	1. Backlight
		2. Greeting
		3. Animation
		4. My Phone #
		5. Language
		6. Version
	2. Ring ➪	1. Ring Vol
		2. Ring Type
		3. Ring Tone
	3. Key Volume	
	4. Alerts ➪	1. Minute Beep
		2. SVC Alert
		3. Connect
		4. Disconnect
	5. Alarm ➪	1. Set
		2. Release
	6. Diff. Ring	
	7. Power on / off	
	8. Data / Fax Alert	
7. Voice Dial	1. Record	
	2. Review	
	3. Erase All	
	4. Set Active	
8. Phone Setup	1. Auto Retry	
	2. Auto Answer	
	3. Auto Hyphen	
	4. Anykey Answer	
	5. Tone Length	
	6. Set Time	
	7. Set NAM	
	8. System Sel	
	9. Data / Fax	
	0. Web Browser	
0. Security	1. Lock	
	2. Restrict	
	3. Lock Code	
	4. Priority #	
	5. PIN	
	6. Clr Memory	
	7. Hide My #	
	8. Vocoder	
	0. Reset Phone	

Usage Guidelines: All about Performance and Safety

Understanding Signal Strength

The voice quality of your phone will always be at its best when the antenna is fully raised. If you're inside a building, reception may be better near a window.

The quality of each call you make or receive depends on the signal strength in your area. Your phone will inform your of the current signal strength by displaying a number of bars next to the signal strenght icon. The more bars displayed, the stronger the signal. The signal strength indicator ( ) displays in the upper left corner of your display.

Understanding Power Save Mode

If you're trying to use your phone in an area where the signal is too weak, the Power Save feature will automatically activate to conserve battery power when you've been unable to pick up a signal for 10 minutes. If your phone is on, it will periodically recheck service availability (about every three minutes), or you can do it yourself manually by pressing any key. A message will be displayed on the screen any time Power Save has been activated.

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 your phone is in use, the system handling your call controls the power level. This product meets all FCC requirements for RF power output levels for this handset type.

Specifications Subject to Change

The information contained in this manual is believed to be correct at the time of printing, however, Samsung reserves the right to change or modify any of the specifications wihtout notice or obligation to update existing units.

Radio Frequency Safety

In 1991—1992, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers, and physicians from universities, government health agencies, and industry developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted a hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

The design of the phone complies with these updated standards. Of course, if you want to limit RF exposure even further than the updated standard, you can choose to control the duration of your calls and operate your phone in the most power-efficient manner.

- You should not touch the antenna unneccessarily when using the phone.
- Touching the antenna may affect the call quality and may cause the unit to operate at higher power than it would need otherwise.
- When using the handset, hold the handset just as you would hold and other telephone, and keep the antenna pointed up and over your shoulder.
- Use of hands-free devices will further limit RF exposure.

Emergency Calls IMPORTNAT NOTICE! PLEASE READ!

Because of various transmission methods, network parameters, and user settings used to complete a call from your wireless phone, a connection cannot always be guaranteed.

Therefore, emergency calling may not be available on all wireless networks at all times.

DO NOT depend on this phone as a primary method of dialing 999 or for any other essential or emergency communications.

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

Maintaining Your Phone's Peak Performance

To operate your phone properly — that is, to maintain safe and satisfactory service — you should follow these rules:

- For best reception, extend the antenna fully.
- Hold the phone with the antenna up and over your shoulder.
- Do not hold, bend, or twist the phone antenna at any time.
- Close the phone antenna when not on a call.
- Do not use the phone with a damaged antenna.
- Speak directly into the microphone.
- Avoid exposing your phone and accessories to rain or liquid
- Only Samsung authorized personnel should service your phone and its accessories.

Protecting Your Battery

For best battery performance, you should follow these guidelines:

- Use your battery only for its intended purpose.
- Only use Samsung-approved batteries and desktop chargers. These chargers are designed to maximize battery life. Using other batteries or chargers will invalidate your warranty and may cause damage as well.
- You must never use a battery charger that is damaged in any way or worn out.
- To avoid damage, only charge the battery in temperatures that range from 32° F to 104° F.

- Do not use the battery charger in direct sunlight or in high humidity areas (such as a bathroom).
- When a battery charger is not in use, disconnect it from the power source.
- Never dispose of the battery by incineration (fire).
- Keep the metal contacts at the battery base clean.
- Do not attempt to disassemble or short-circuit the battery, as injuries or burns may result.
- You may need to recharge the battery if it has not been used for a long period of time.
- Replace the battery when it no longer provides acceptable performance. It can be charged hundreds of times before it will need to be replaced.
- Do not allow metal objects or liquids to contact or short-circuit the battery terminals, as injuries or burns may result.
- To avoid damage, store the battery in temperatures ranging from -4° F to 185° F, and avoid leaving the battery unused for very long periods. Follow these storage rules:
    - Less than one month:
      -4° F to 140° F (-20° C to 50° C)
    - More than one month:
      -4° F to 113° F (-20° C to 35° C)

Battery Disposal and Recycling

Please follow these guidelines when disposing of or recycling the battery:

- Do not dispose of the battery in a fire; the cell may explode. Check the regulations in your area for special disposal instructions.
- Do not open or puncture the battery; the released electrolyte is corrosive and may cause damage to the eyes and skin, and can be toxic if swallowed.
- Charge the battery in accordance with the instructions specified in this user guide (see "Charging the Battery" on page 19).

Operating a Motor Vehicle

IMPORTANT NOTICE! PLEASE READ!

FAILURE TO FOLLOW THESE INSTRUCTIONS MAY LEAD TO SERIOUS PERSONAL INJURY AND PROPERTY DAMAGE.

You should never use a hand-held phone while operating a motor vehicle. It may divert your attention away from driving and may be illegal in some cities and states. You should park your vehicle legally before using your hand-held phone. Remember, safety comes first.

- Your hand-held phone should be stored in a secure place so that, in the event of a sudden stop or collision with another vehicle, the phone will not damage property or injure anyone. For example, airbags inflate very quickly and with great force. Serious injury may result if you have placed your phone in the area of deployment of an air bag and the bag inflates.

Following Safety Guidelines

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

Turn Off Your Phone Before Flying

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

Restricting Children's Access to Your Phone

Your phone should not be played with by children. They could hurt themselves and others, damage the phone, or make calls that increase your phone bill.

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 will invalidate the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of hardware and can be broken. Use common-sense guidelines to avoid dropping, hitting, bending, or sitting on it.

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 telephone if such interference cannot be eliminated.

Storing Your Phone

You must not store or carry your phone, its parts, or accessories in the same compartment or other area where

there flammable liquids, gases, or explosive or flammable materials.

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, some electronic equipment may not be shielded, or adequately shielede, from RF signals RF signals from wireless telephones may affect such equipment.

RF signals from your phone may affect systems in your vehicle, including improperly installed or inadequately shielded electronic operating and entertainment systems in motor vehicles (such as electronic ignition systems, electronic speed control systems, electronic snti-skid or antilock braking systems, electronic speed control systems, and air bag systems). You should check with the manufacturer of your vehicle (and the manufacturers of any equipment added to your vehicle) to determine whether its systems are adequately shielded from external RF signals and to determine appropriate safety precautions.

You must consult the manufacturer of any personal medical devices (such as pacemakers and hearing aids) to determine if they are adequately shielded from external RF signals and the appropriate safety precautions to take with such devices For example safety instructions for pacemakers may include minimum distances that the phone should be kept from the pacemaker, areas where the phone should not be kept (for example, the breast pocket), use of the ear opposite the pacemaker, and other such safety instructions. The advice from the manufacturers may change from time to time. If at any time you suspect any such interference, turn off your phone immediately.

Turn off the phone in healthcare facilities and request permission before using the phone near medical equipment.

FCC Compliance Information

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

Liquefied Petroleum Gas

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.

Turn Off Your Phone in Dangerous Areas or Posted Areas

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

Turn off your phone when you are in any area with a potentially explosive atmosphere. It is rare, but your phone or its accessories could generate sparks. Sparks could cause an explosion or a fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always clearly marked. They include fueling areas such as gas stations; below deck on boats; fuel or chemical transfer or storage facilities; areas where the air contains chemical 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.

Do not transport or store flammable gas, liquid, or explosives in the compartment of any vehicle that contains your phone or accessories.

Your Phone as a Network Device

Your telephone requires a service provider to send and receive calls. Your phone is only one part of a system or "network" of devices that makes it possible for you to send and receive calls, text messages, voice message, access the Internet using Web Browser and to take advantage of all of the other services and features avaliable when your phone is used with your service provider. To make all of the features available to you, your phone is designed by Samsung and your service provider to allow your service provider to send (at any time) a variety or information and messages to your

Phone. You may think of this as an over the air service to your phone. While this is taking place your phone's display reads "Programming in Progress". If you see the "Programming in Progress" message do not turn off your phone. If you turn off your phone during a download your phone or some of it's features may not work properly in the network. If this happens don't worry, contact your service provider for help in correcting the problem.

When complete your phone displays "Programming Successful". The service on your phone was successful and you can continue to use your phone as normally do.

Information To User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This ewuipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- 1. Reorient/Relocate the receiving antenna.
- 2. Increase the separation between the equipment and receiver.
- 3. Connect the equipment into an outlet on a circuit difference from that to which the receiver is connected.
- 4. Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Accessories

Batteries

Two types of Li Ion batteries are available for use with your SAMSUNG phone:

- Standard Battery
- Extended Battery

Desktop Charger

The Dual - Slot Desktop Charger charges the battery at your home or office.

The Socket - outlet shall be installed near the equipment and shall be easily accesible.

Car Charger Kit

The Cigarette Lighter Adapter charges your SAMSUNG phone in a vehicle while you drive and enables you to operate the phone from a vehicle cigarette lighter socket.

Hands-Free Car Kit

The Hands-Free Car Kit provides safety, freedom and convenience in your vehicle. (Kit includes Cradle and Microphone.)

Travel Adapter

The Travel Charger plugs into a wall outlet and enables you to charge a single battery at your home or office or while traveling.

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