

SPH-T100 Series

USER GUIDE



SAMSUNG



SPH-T100 Series

**D U A L - B A N D
T R I - M O D E
D I G I T A L
T E L E P H O N E**

User Guide

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

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Introduction To Your Samsung T100 Series Phone

Congratulations on the purchase of your Samsung T100 Series Phone. Using the latest digital technology, the Samsung T100 Series Phone operates similar to other wireless phones, while providing superior resonance and tone quality.

Your Samsung T100 Tri-Mode phone is packed with productive features that are easy to use. Here are some of them:

- ◆ operates in 1900 MHz digital CDMA, 800 MHz digital CDMA, and 800 MHz analog networks.
- ◆ Voice Dialing - 20 Locations
- ◆ Answer and hang up calls just by opening the phone
- ◆ User friendly display with dedicated icons for signal strength, service, roaming, messages, vibrator, and battery
- ◆ 9 Ring Types, 4 Melody Tones, and Vibrator Alert
- ◆ Distinctive ringer types for voice, message, and alarm calls
- ◆ Distinctive ringer volumes for voice, message, and alarm calls
- ◆ Phone Book Memory - 229 Locations
- ◆ Call Logs - 10 Locations each for outgoing, incoming, and missed calls. These 30 numbers are all easy to redial.
- ◆ Short Message Services (SMS) and Voicemail notification
- ◆ Internet MiniBrowser
- ◆ Pause Dialing for tele-services
- ◆ Fast Ringer Mute during Incoming Call
- ◆ Alarm clock with three programmable alarms
- ◆ Last number redial - last 10 Numbers
- ◆ One-touch Turbo dialing - 9 Locations
- ◆ Two-touch Turbo dialing - 90 Locations
- ◆ Three-touch Turbo dialing - 130 locations
- ◆ Easily mute the microphone during conversation
- ◆ Security features including Call Restriction, Secret Number capability, and Lock mode
- ◆ Voice Memo recorder - up to 2 minutes
- ◆ Fax and Data capability
- ◆ Easily change from English to French user interface
- ◆ Interactive manual available at samsungwirelesscanada.com

How To Use This Manual

This user guide explains your Samsung T100 phone operations through easy-to-follow instructions and illustrations. Check out “Getting to Know Your Phone” on page 2 to get started understanding the functions of your phone. You’ll find much of what you need to know about using your new Samsung T100 Series Phone right here.

We’ve included some important safety and usage information that you should know before using your phone. You’ll find this information in “Usage Guidelines: All about Performance and Safety” on page 104.

If you still have questions, we’ll be happy to answer them. Just call our Samsung Customer Care Center toll-free at 1.888.987.HELP (4357).

We hope you enjoy using your new Samsung T100 Series Phone, and thanks for choosing Samsung.



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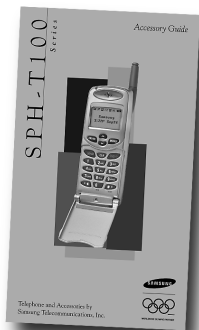
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Your Consumer Package

Your consumer package contains the following items:

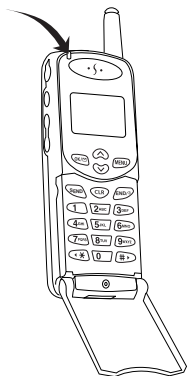
- ◆ Samsung SPH-T100 Phone with Hand Strap
- ◆ Samsung Extended Lithium-Ion Battery
- ◆ Samsung Travel Charger
- ◆ User Guide and Accessory Card



Getting to Know Your Phone

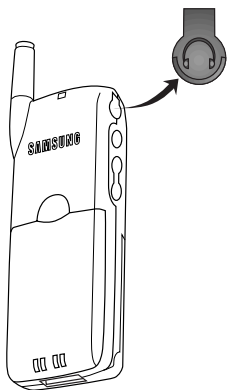


Getting to Know Your Phone (continued)



1. **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.

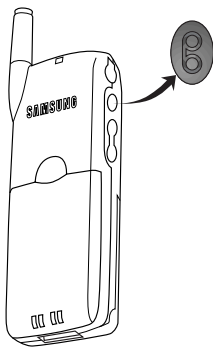
- ◆ Lights up (flashes) for a few seconds when you turn on the phone.



2. **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.

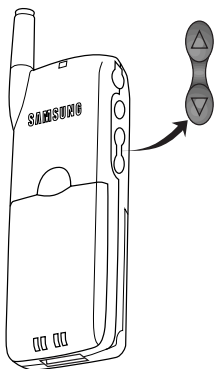
- ◆ What you see in the illustration to the left is really the cover for the headset connector. Gently pry open the top of the cover to expose the headset connector.

Getting to Know Your Phone (continued)



3. **Voice Memo Key:** From Standby mode:

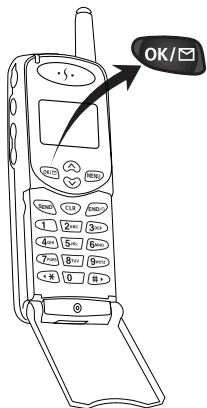
- ◆ Press and hold it to record up to 60 seconds of audio.
- ◆ A total of two minutes of audio can be recorded in two separate Voice Memos. Each Voice Memo can be stored indefinitely or erased.
- ◆ From Standby mode, press briefly to view the Voice Memo menu.
- ◆ Press to mute the ringer during an incoming call.



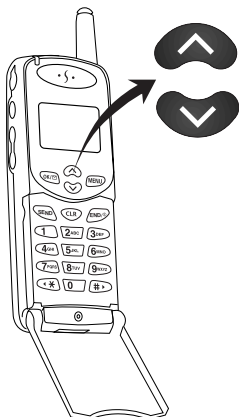
4. **Volume/Scroll Key:** This key is actually two keys (one up and one down) that are used to set the ringer volume, set audio volume levels, navigate through the menus, and change menu settings. Press the volume/scroll key to:

- ◆ Adjust voice volume during conversation.
- ◆ Adjust ringer volume in Standby mode.
- ◆ Mute the ringer during an incoming call.
- ◆ Scroll up or down a page at a time in a menu or in the MiniBrowser.
- ◆ Choose settings in the menus.

Getting to Know Your Phone (continued)

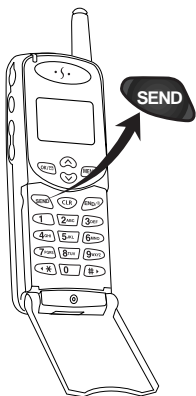


5. **OK / Messages Key:** This key performs several useful functions:
- ◆ From Standby or Talk mode, press it briefly to access the Messages menu.
 - ◆ From Standby mode, press and hold it to access your Voicemail.
 - ◆ When entering a phone number, press it once to save the number to the Phone Book (then follow the prompts).
 - ◆ When navigating a menu, press it to select the highlighted item.
 - ◆ When the alarm sounds, press it to silence the alarm.



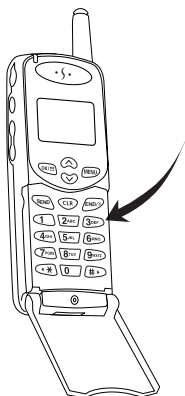
6. **Up / Down Navigation Keys:** These two keys allow you to scroll when viewing menus, the Mini-Browser, the Phone Book, etc. Also, both of these keys have a special one-touch function that it performs:
- ◆ In Standby or Talk mode, press the up key to view your Phone Book (in numerical order).
 - ◆ In Standby or Talk mode, press the down key to view your Phone Book (in alphabetical order).

Getting to Know Your Phone (continued)



7. **SEND Key:** This key performs several useful functions.

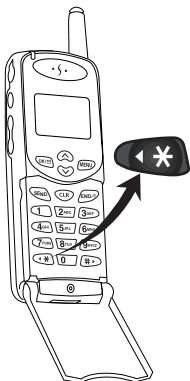
- ◆ Press it to answer calls.
- ◆ Dial a number and press it to connect.
- ◆ Press it twice in Standby mode to redial the last outgoing number.
- ◆ Press and hold to use voice dialing (this depends on your setting; see “Voice Dialing Setup Options” on page 52).
- ◆ During conversation, press it to initiate Three-Way Calling.
- ◆ During conversation, press it to answer a Call Waiting call.
- ◆ Press it once in Standby mode to quickly access a list of your last five incoming, outgoing, and missed Call Logs.



8. **Backlit Keypad:** Your keypad has backlighting for easy visibility.

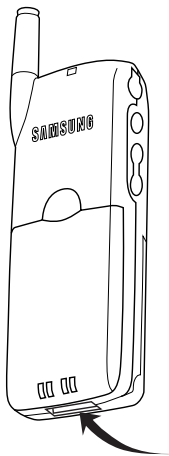
- ◆ The backlight for the keypad and the display can be easily set to one of four settings: Always On, 30 Seconds, 8 Seconds, or Off. See “Backlight Control” on page 42 to make this setting.

Getting to Know Your Phone (continued)



9. * / Shift / Scroll Key:

- ◆ When entering text, this key selects capital letters, lower case letters or initial capital letters (see “Entering Text, Numbers, or Symbols” on page 38).
- ◆ Allows scrolling when viewing menus, the Phone Book, the MiniBrowser, the Calendar, etc.
- ◆ Press (*) for special star calling features.



10. Accessories Connector:

This is where you connect your charging device. It is also used to connect your phone to a wireless data device or hands-free car kit (both sold separately).

- ◆ Remove the rubber plug before first use.

Getting to Know Your Phone (continued)



11. Active Flip: Closing your phone ends a call and turns off the back-light. There are several options you can set when you open the phone:

- ◆ Answer an incoming call. To set this option, see “Answering a Call” on page 22.
- ◆ Voice dial someone. To set this option, see “Voice Dialing Setup Options” on page 52.
- ◆ Control the backlight. To set this option, see “Backlight Control” on page 42.

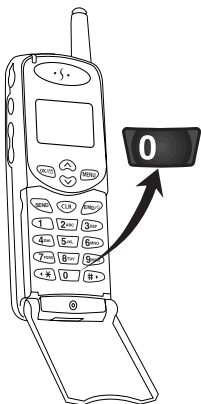


12. Microphone: Your typical voice microphone for conversation, but also accepts your voice commands for Voice Dialing and speech for voice memos.

- ◆ You can mute the microphone during a call by simply pressing

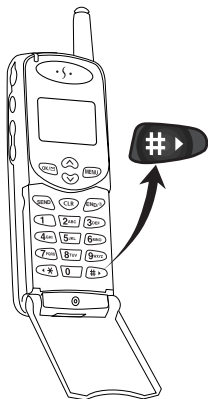
MENU **1** or **MENU** **OK/Ⓜ**

Getting to Know Your Phone (continued)



13. 0 / Next Key :

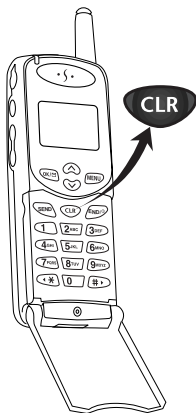
- ◆ This key functions as a normal “0” key when dialing or entering numbers, and
- ◆ displays the “Next” matching word when entering text in T9 Text Entry mode. See “Entering Text, Numbers, or Symbols” on page 38 for text entry information.



14. # / Space Key: This key has several useful functions:

- ◆ This is the pound key. It’s used at various times when you dial, especially when using automated telephone services.
- ◆ When entering text, press it to create a space.

Getting to Know Your Phone (continued)



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

- ◆ To erase an incorrect digit or character from the display screen, briefly press it once.
- ◆ To erase all digits or characters from the screen, hold it down for one second.
- ◆ To back up one menu level, press it once.
- ◆ To return to Standby mode from any menu, hold it down for one second.



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

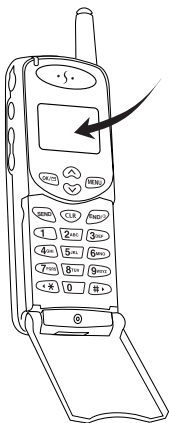
- ◆ Press to turn on your phone.
- ◆ Press and hold to turn off your phone.
- ◆ Press this key to disconnect a call or to return to Standby mode from any menu.
- ◆ If the phone is already open, and you receive an incoming call, you can mute the ringer by pressing once.

Getting to Know Your Phone (continued)



17. MENU Key: When in Standby or Talk mode, press this key to access menu items, and continue pressing it to scroll through menu items. When you reach the menu item you want, press **OK/Ⓜ**. Several other menus can be accessed by pressing this key (see “Menus” on page 101).

- ◆ This key also functions as the right soft key when using the MiniBrowser. See “How the Keys Work in the MiniBrowser” on page 94.



18. Backlit Display Screen: The display screen contains two areas:

- ◆ The top line display indicators appear based on your phone's operating mode (see “The Top Line of the Display” on page 15).
- ◆ The lower area displays:
 - ◆ In-use information such as the other party's number, the call timer, the name and number of the other party (if available), Mute, Call Waiting, etc.
 - ◆ Menus and sub-menus.

Getting to Know Your Phone (continued)



19. **Speaker:** Speaker for listening to voice conversations.




20. **Antenna:** Makes the call sound clearest when it's fully extended.

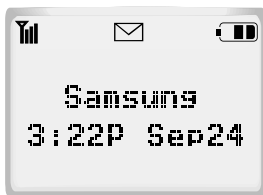
Turning your Phone On and Off



Turning It On

When you're ready to turn your phone on, fully extend the antenna for best reception. Simply press **END/⓪** and three things happen:

- ◆ The LED indicator flashes,
- ◆ the phone beeps, and
- ◆ the start-up graphics begin to play.

The phone will then begin searching for a network signal. When a signal is found, the  icon appears and your phone enters Standby mode. The Standby mode screen is shown below and always contains the following four things:



- ◆ Signal strength indicator .
- ◆ Battery strength indicator .
- ◆ Greeting (here the greeting is “Samsung” but you can easily create your own).
- ◆ Time and date.

You can make and receive calls now.

Turning It Off

To turn your phone off, press and hold **END/⓪** until the power off graphics begin to play. The power off sounds will then play and the display goes blank. Notice that when the phone is off, nothing is displayed on the screen, and the backlight is off.

Note: If your phone is on and **END/⓪** is pressed for less than one second, the phone will not turn off. This feature helps keep your phone from being accidentally turned off.

Your Phone's Modes

Standby Mode

Standby is the most basic state of your phone. The phone goes into Standby mode soon after you turn it on, or if your phone is on, whenever you briefly press **END/Ⓢ**. When your phone is in Standby mode, you will see the greeting (the message displayed when you turn on your phone), the time/date and the active top line icons. While in Standby mode, you can enter a phone number, 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, but be careful; if you're on a call when you press **END/Ⓢ**, you'll return to Standby mode but you'll also disconnect the call. Press **CLR** several times or hold it down to return to Standby mode without ending a call.

The Main Menu is accessed when you are in Standby mode by pressing **MENU**. See "Your Phone's Main Menu" on page 102 for a listing of the Main Menu items.

Talk Mode

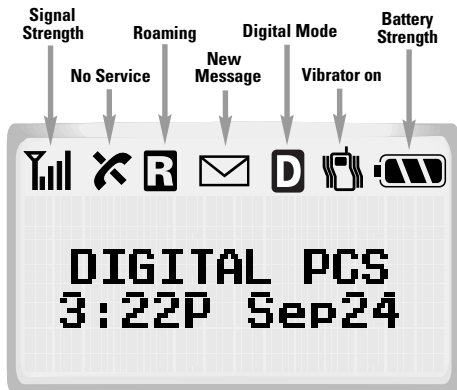
You can place and answer calls only when your phone is powered on. During a call, the phone is in Talk mode. While you are in Talk mode, pressing **MENU** gives you a list of options referred to as "In-Use options. See "Menus" on page 101.

Power Save Mode

Your phone comes with a Power Save feature that will automatically be activated if your phone is unable to find a signal after 15 minutes of searching. While this feature is active, the phone's battery charge is conserved. The phone will automatically recheck for a signal periodically. A message on the display will let you know when your phone is operating in Power Save mode.

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 will always appear, but other icons appear based 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 more 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.



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 appear when you turn on your phone. As soon as service is found, the indicator disappears.



Roaming: This icon displays when the phone is outside your carrier's coverage area and receiving service from another carrier's network. If you are:

- ◆ in your home service area, this indicator will not display.
- ◆ in a preferred analog or digital roaming area (where your service provider has a roaming agreement in place), this indicator will be steady on, but not flashing.
- ◆ in an analog or digital coverage area that is not covered by your service provider, this indicator will be on.



Message indicator: This icon indicates you have message(s) waiting. The message(s) can be a voicemail notification (VMN), page, text, or Browser message(s). Press  to see the Messages Menu, or press and hold  to be connected to your voicemail.



Digital mode: This icon indicates your phone is operating in digital mode. When in analog mode, no icon displays here. Your phone has some features that work only in a digital service area; these services include Voice Memo, Voice Dialing, the Web Browser, and certain messages services.



Vibrating Ringer: 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 is always displayed when your phone is on, and 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 your phone is about to turn itself off.

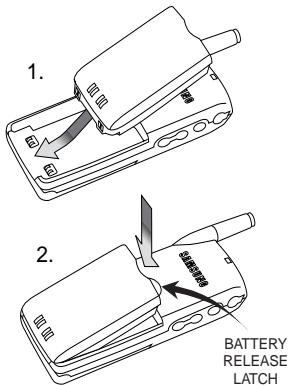
Using the Battery

Your phone comes packaged with a partially charged, rechargeable Lithium Ion (Li-Ion) battery so that you can use your phone immediately after it is activated.

Installing the Battery

The battery attaches to the phone very easily:

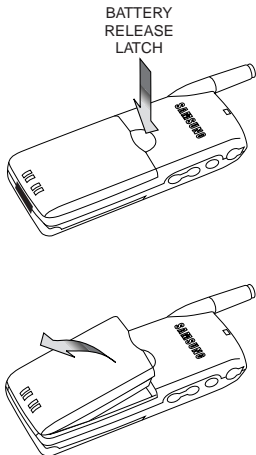
1. Gently lay the battery into the slot making sure that the bottom of the battery is snug with the bottom of the phone.
2. The top portion of the battery (next to the battery release latch) can now be easily pushed in. You're done.



Removing the Battery


To remove the battery from your phone:


1. Turn the phone off (by pressing and holding **END/Ⓢ** for about 2 seconds).
2. Press the battery release latch in (see illustration). The battery will easily lift out or fall away from the phone.




Charging the Battery

Note: Only use Samsung-approved chargers. These chargers are designed to maximize battery life. Using other chargers will invalidate your warranty and may cause damage as well.

You can tell whether or not your battery needs to be recharged by checking the  indicator (it's located in the upper-right corner of the display). The 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 is almost empty, the battery sensor blinks an empty battery icon () and sounds a tone.

The Empty Battery Icon

Two to three minutes before the battery charge level gets too low to operate the phone, the battery sensor will let you know by blinking an empty battery icon (), sounding a tone, and displaying a warning message. If you continue to operate the phone without charging, the phone will turn off automatically (after the two to three minute delay). If this happens, your wireless call will be ended. But if you plug into a charging device, you can continue your call. Be sure to monitor the battery strength icon and make sure your battery is adequately charged.

Charging with the Travel Charger

The travel charger allows you to charge your phone's battery from a standard wall outlet. Also, using the travel charger allows you to make a phone call while the battery is charging.

The travel charger will fully charge an "empty" standard battery in about 3 hours, and an "empty" extended battery in about 4 hours.

Here's how to do it:

1. Make sure the battery is installed onto the phone.
2. Plug the two-pronged connector on the travel charger into the wall and the other end of the cable into the accessory connector (it's at the bottom of the phone). The battery will begin charging. That's it; you're done.
3. Now all you need to know is how the LED on the travel charger indicates the status of the battery charge. Here it is:
 - ◆ red indicates that the battery is charging.
 - ◆ green indicates that the battery is fully charged.
 - ◆ yellow indicates that the battery is operating at a temperature that is too high or too low, or that the charger is not plugged in correctly. Please check the charger and battery.
4. Make a phone call anytime you'd like. The travel charger will continue charging the battery even when you are making phone calls !
5. For the absolute fastest charging time, turn the phone off while the battery is charging. The battery charges fastest when the phone is turned off.



Note: Your charger may look slightly different.

Basic Voice Call Functions

Note: Your phone makes several kinds of calls (voice, fax, and data). This section explains voice calling only.

Making a Voice Call

To place a voice call:

1. Press **END/Ⓟ** to power on your 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 left to right.
3. Press **SEND**. The phone places the call to the entered phone number.

You can also make voice calls:

- ◆ From your Phone Book (see “Shortcuts to Memory Dialing” on page 65).
- ◆ From your Call Logs list (see “Reviewing Outgoing, Incoming, or Missed Calls” on page 88).
- ◆ By using One-, Two- or Three-Touch Dialing (see “Shortcuts to Memory Dialing” on page 65).
- ◆ By using Voice Activated Dialing (see “Voice Dialing Setup Options” on page 52).

Ending a Call


To end a call, close the phone or press **END/Ⓟ**. If you end a call by pressing **END/Ⓟ**, the call time (length of the call) displays, along with the name and number of the called party (if available). Also, if the number is not stored in your Phone Book, your phone prompts you to save the number by pressing the **OK/☑** key. If you do nothing, the phone automatically returns to Standby mode after approximately ten seconds.

Incoming Call Notification

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

- ◆ The backlight illuminates.
- ◆ The red LED on the top of the handset flashes.
- ◆ The ringer sounds (unless you have set the ringer to Vibrate or Off).


Incoming call notification continues until one of the following events occurs:

- ◆ You answer the call.
- ◆ You press  to silence the ringer before answering the call.
- ◆ You press the volume keys to silence the ringer (when the phone is closed).
- ◆ The calling party ends the call.
- ◆ The call is sent to Voicemail.

Your phone provides the following voice call notification features.

- ◆ Six ring volume settings including Vibrate, Off, and 1-Beep.
- ◆ Nine unique ring types and four melody tones (see “Ringer Type Setting for Voice Calls” on page 44).
- ◆ Name display with Caller ID (if the name is programmed into your Phone Book).
- ◆ Automatic storage of an incoming call’s information in the Call Logs (the last 10 calls you answered are stored in the Incoming Call logs and the last 10 calls you missed are stored in the Missed Call Logs). See “Missed Calls” on page 30.

Redialing Calls

To redial the last call you made, press  twice.

You can also easily redial any of your last ten incoming, outgoing or missed calls by accessing the Call Logs listings (see “Reviewing Outgoing, Incoming, or Missed Calls” on page 88).

Correcting Dialing Mistakes

To correct a misdialed digit:

- ◆ 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.

Answering a Call

There are three ways to answer an incoming call. They're all easy.

- ◆ Press **SEND** if the phone is already open.
- ◆ Open the phone (when the Flip Open Option is set in the Main Menu).
- ◆ Press any key except **END/Ⓟ** (when the Any Key Answer option is selected in the Main Menu).


Your phone is preset to answer when you press **SEND**. You can easily change how your phone answers by setting the Call Answer feature as explained here:

1. Press **MENU** to display the Main Menu.
2. Press **8TUV** for Setup.
3. Press **5JKL** for Call Answer.
4. Use the scroll keys to toggle between "Flip Open", "Any key", or "SEND key".
5. Press **OK/☑** to save the setting.


Automatic Call Answer

Your phone contains an automatic answer feature for use with the optional Hands-Free Car Kit. If your phone is installed in the Hands-Free Car Kit cradle, and this feature is turned on, then an incoming call will be answered automatically. Here's how to set this feature:


1. Press **MENU** to display the Main Menu.
2. Press **8TUV** for Setup.
3. Press **6MNO** for Auto Answer.

- Use the scroll keys to toggle between:
 - ◆ Car Kit Only Yes - an incoming call will be answered automatically after two rings.
 - ◆ Car Kit Only No - an incoming call must be answered manually.
- Press  to save the setting.

Adjusting Voice Volume During a Call

You can adjust the earpiece volume during a call using the volume key () on the side of your phone. Briefly press the volume key to increase or decrease the volume.




Adjusting Ring Volume (the fast way)

From the Standby mode, you can quickly adjust the volume of the ringer by pressing the volume key () on the side of the phone (the available settings are High, Med, Low, 1-Beep, Vibrate, and Off). If the flip is open while you are making this setting, leave it open until the phone returns to Standby mode (this allows the phone time to store the setting). You can also change the settings for your phone's ring volume from the Main Menu (see "Ringer Options" on page 44).


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 Mute is active, "MUTE" displays. The phone resets this condition to the default (Un)Mute setting at the end of your call.

To mute the microphone during a call:

- During a conversation, press  to display the In-Use Menu.
- Press  (or ) to mute the microphone. You will hear the other party's conversation, but they will not hear your conversation. "MUTE" displays on the screen.
- To "unmute" the microphone during the same conversation, repeat steps 1 and 2. Selecting the (Un)Mute option toggles Mute on and off.

Silencing the Ringer During an Incoming Call

When the phone is open and ringing, press  to silence (or mute) the ringer. When the phone is closed and ringing, press the volume keys to quickly silence the ringer.

You can also set the ringer to remain off. From Standby mode, press the down volume key until “Ring Volume Off” is displayed, or use the Main Menu (see “Ringer Type Setting for Voice Calls” on page 44).

Where You Can Use Your Phone

Your phone is dual-band tri-mode, which means you can use it to make and receive calls in many places.

- ◆ In any city where your service provider provides service.
- ◆ On other CDMA networks and conventional analog cellular networks where your service provider has implemented roaming agreements.

Note: Always dial using 11 digits (1+ area code + number) when calling from outside your Home Service Area.

When you use your phone outside your service provider’s network, it’s called roaming. If you’re roaming in areas where your service provider has agreements in place with digital CDMA or conventional analog cellular providers, you will pay the roaming rate plus long-distance charges, where they apply.

Note: In areas where your service provider does not have roaming agreements in place, you will still be able to make (but not receive) calls using a credit card. This is called manual roaming.

Setting Your Phone’s Roaming Ability

You can operate your Samsung T100 phone in one of four roaming modes (see below). The **D** and **R** icons indicate your roaming status and the type of network you are in. When you are in a digital network, the **D** icon displays. The **R** icon displays when you are roaming in either digital or analog.

Note: Remember, your phone has two NAMs (numerical assignment modules - a.k.a. a phone number) and each NAM has its own roaming settings. For more information on this, see “Setting Your NAM” on page 115.

The four roaming modes are:

- ◆ **Automatic:** The phone adjusts automatically between Digital and Analog mode, and will roam on either type of service. When this setting is used and you are in a digital network, the **D** icon displays. When this setting is used and you are roaming (in a digital or analog network) the **R** icon displays.
- ◆ **Analog Home Only:** The phone operates only in Analog mode, and does not roam. The **D** and **R** icons do not display when this setting is used.
- ◆ **Home Only:** The phone operates in Digital mode, if available, or Analog mode if Digital service is not available. The phone will not roam outside of your home service area when this setting is used. When this setting is used and you are in a digital network, the **D** icon displays. When this setting is used and you are in an analog network no icon displays.
- ◆ **Analog:** The phone operates in Analog mode only, and roams in Analog mode. When this setting is used and you are not roaming, the **D** and **R** icons do not display. When this setting is used and you are roaming, the **R** icon displays.

To select the Roaming mode:

1. Press **MENU** to display the Main Menu.
2. Press **4^{GHI}** for Roaming.
3. Press the scroll keys to select your option.
4. When the desired service mode displays, press **OK/☐** to save the setting or **CLR** to exit without saving.

Using Caller ID

Note: You may need to contact your service provider to setup the Caller ID service. Your Samsung phone will support Caller ID as explained below.





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 is displayed on their phone.

To block your phone number from being displayed on your next outgoing call, follow these steps:

1. Press    .
2. Enter the phone number, and then press  .

To activate Block Own Number permanently contact your service provider.

Some service providers allow you to temporarily unblock a permanently blocked number. To temporarily unblock the number:

1. Press  ,  ,  .
2. Enter the phone number and then press  .



Call Waiting

Note: You may need to contact your service provider to setup the Call Waiting service. Your Samsung phone will support Call Waiting as explained below.

Call Waiting lets you receive a second call during conversation. When a Call Waiting call comes in, the incoming call alert sounds (this sound is audible to you but not your first caller), and a text notification displays.

Answering a Call Waiting Call

To answer a Call Waiting call:

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

Note: If you do not respond to a Call Waiting notification, the phone logs the call in the Missed Calls Log and then sends the call to your voicemail.

Using Three-Way Calling




Note: You may need to contact your service provider to setup the Three-Way Calling service. Your Samsung phone will support Three-Way Calling as explained below.

Three-Way Calling lets you talk with two different people at the same time. When you use this feature, you will be charged normal airtime rates for each of the two calls you make. The phone records each called party in the Outgoing Calls Log.





During a three-way call, if one of the callers hangs up, you and the remaining caller will stay connected. If you initiated the call and you hang up first, all three parties are disconnected.

There are two methods for making a three-way call; the SEND key method and by using the In-Use Menu.

Using the SEND key to place a three-way call:

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

Using the In-Use Menu to place a three-way call:





1. During a conversation, simply press  and  for Three-Way Calling.
2. Next, enter the number for the third party, and press . The phone places the current call on hold.
3. When you're connected to the third party, press  again to begin your three-way call.

Using Call Forwarding

Note: You may need to contact your service provider to setup the Call Forwarding service. Your Samsung phone will support Call Forwarding as explained below.

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 used, you can still make calls from your phone.

To use Call Forwarding:

1. Press , , .
2. Enter the 11-digit phone number (1+ area code + phone number) to which your calls should be forwarded.
3. Press . You will hear a tone (or message) that confirms you've enabled Call Forwarding.





To Disable Call Forwarding

Press , , , ,  (or your service provider's code) to disable Call Forwarding. Once again, you'll hear a tone (or message) confirming that Call Forwarding is disabled.




Displaying Your Phone Number

The phone number of your phone displays every time you turn on your phone. You can easily display your phone number by two methods.

To view your phone number from Standby mode:

1. Press  to display the Main Menu.
2. Press  for Phone Book.
3. Press  for My Phone #.
4. Press  to return to the previous screen.

To view your phone number while in a conversation:

1. Press  to display the In-Use Menu.
2. Press  for Phone Book menu.
3. Press  for My Phone #.

Missed Calls

Your phone keeps a list of calls that you do not answer when the phone is on and service is available. The phone indicates a missed call by displaying a text notification on the screen.

Additionally, if caller information is available, a Missed Call Log entry is created, and the screen displays the phone number of the most recent missed call.

Your phone gives you two very convenient options when you have missed a call:

- ◆ Press **SEND** to call the displayed number.
- ◆ Press **OK/☑** to save the number in the Phone Book.

To view a list of your missed calls, see “Reviewing Outgoing, Incoming, or Missed Calls” on page 88.

- ◆ Press **CLR** to clear the “Missed Call” message from the display and return to Standby mode.

Dropped Calls

A dropped call can occur during a conversation in response to a signal fade. In this case, the call ends and “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”.

Cancel the call attempt and return to Standby mode by pressing **END/Ⓢ** or **CLR** and try the call again later.

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 three 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 **8^{TUV}** for Setup.
3. Press **1** for Sounds.
4. Press **3^{DEF}** for Key Beep.
5. Press the scroll keys to view and listen to the key beep volume options: High, Med, Low, or Off.
6. When the desired volume level displays, press **OK/☑** to save the setting.

Advanced Voice Calling Features

Prepend Dialing

The Prepend option lets you add digits such as area codes and network feature activation codes to a phone number that is stored in your Phone Book or Call Logs. To prepend existing phone numbers in the Phone Book:

1. Press **MENU** to display the Main Menu.
2. Press **2^{ABC}** for Phone Book.
 - ◆ Or remember, by simply pressing the **^** or **v** key, you can access the Phone Book. Press **^** to search the Phone Book numerically, or **v** to search the Phone Book alphabetically.
3. Find the number that you want to prepend; press **1** to Find Name or press **4^{GHI}** to Find Entry.
4. Using the navigation keys, scroll to the number/person you want to prepend and press **OK/☑**.
5. Press **OK/☑** or **MENU** for more options.
6. Press **4^{GHI}** for Prepend.
7. Enter the prepend digits (area code or feature activation code) by pressing the digit keys. For feature calls, press **←*** before dialing the feature code.
8. Press **SEND** to call the prepended number.

To prepend a phone number from your Call Logs:

1. Press **MENU** to display the Main Menu.
2. Press **1** for Calls.
3. Press:
 - ◆ **1** to prepend a number in the Outgoing Call Log
 - ◆ **2^{ABC}** to prepend a number in the Incoming Call Log
 - ◆ **3^{DEF}** to prepend a number in the Missed Call Log.
4. Using the navigation keys, scroll to the number/person you want to prepend and press **OK/☑**.

5. Press **OK/☑** or **MENU** for more options.
6. Press **3^{DEF}** to Prepend.
7. Enter the area code or feature activation code by pressing the digit keys. For feature calls, press **⬅*** before dialing the feature code.
8. Press **SEND** to call the prepended number.

Tone Length Setting

The tone length setting enables you to select short or long DTMF (dual-tone multi-frequency) tones. DTMF tones are sent by your phone to access teleservices (such as a bank account or voicemail system). The system used by the bank or other service determines if you need short or long DTMF. If the service is digital, short DTMF tones will almost always work. However, some new systems and almost all older (analog) systems require you to use long DTMF tones.

To set tone length:

1. Press **MENU** to display the Main Menu.
2. Press **8^{TUV}** for Setup.
3. Press **1** for Sounds.
4. Press **4^{GH}** for Tone Length.
5. Press the scroll keys to toggle between Short and Long.
6. When the desired option displays, press **OK/☑** to save the setting.

Automatic Hyphenation

Automatic hyphenation follows the North American Numbering Plan, which hyphenates numbers as follows:

◆ 123-456-7890

Digits following a pause are not hyphenated (see “Pause Dialing” on page 35).


Four-digit Network Dialing




See “Dialing Abbreviated Phone Numbers” on page 66 for an explanation of this feature.

Finding and Dialing a Stored Phone Book Number using Four Digits

This feature allows you to enter any four consecutive digits of a stored phone number, have your phone remember the rest of the number, and then dial the entire number for you. This feature is convenient if you have the number memorized, but you have forgotten what Phone Book location the number is stored in.

To find the stored number and place a call using this method:

1. Dial any four consecutive digits of a phone number that you have stored in your Phone Book. The stored phone number can be any length up to 32 digits.
2. Press . The phone automatically dials the entire number.

Note: If your Phone Book has more than one phone number stored that contains the four digits, then “Wait” displays, and all the numbers containing those four consecutive digits will be listed. If this happens, simply scroll (using the  and  keys) through the listed phone numbers to display the desired number, and then press  to be connected.

Pause Dialing

When you call automated systems (like banking services), you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Phone Book, separated by special characters called pauses.

There are two kinds of pauses that can be entered on your phone:

- ◆ **Hard pause** - A hard pause stops the dialing sequence until you press the **SEND** button.
- ◆ **Two second pause** - A two second pause stops the dialing sequence for two seconds and then automatically sends the remaining digits.

Your phone has two pause dialing methods: pause dialing from the Phone Book (see “Pause Dialing from a Stored Phone Book Entry” on page 36), and manual pause dialing (see “Manual Pause Dialing” on page 36).

Note: Multiple two second pauses can be entered to extend the length of a pause. For example, two consecutive two second pauses cause a total pause time of four seconds. However, keep in mind that pauses count as digits towards the 32 digit dialing maximum.

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 store (such as the bank’s teleservice phone number).
2. Press **MENU**. More options display. Press **4GHI** or **5JKL** to enter the desired pause.
 - ◆ Press **4GHI** to enter a Hard Pause. The letter “p” displays in the number, meaning that a hard pause will occur at that point in the dialing sequence. Enter the digits that need to follow the pause (such as your account number).

- ◆ Press **5_{JKL}** to enter a two second pause. The letter “T” displays in the number, meaning that a “Timed” pause will occur at that point in the dialing sequence. Enter the digits that need to follow the pause (such as your account number).
- 3. Store the number in your Phone Book as you normally would by pressing the **OK/☑** key and following the screen prompts.

Pause Dialing from a Stored Phone Book Entry

Pause dialing from the Phone Book is easy:

1. If you stored the number using a two second pause(s), simply dial the number from the Phone Book. The phone transmits the number that follows the “T” pause two seconds after connection. “SENDING DTMF” flashes on the screen (the transmitted tones are audible).
2. If you stored the number using a hard pause(s), simply dial the number from the Phone Book and wait for the appropriate prompt from the number you are calling (credit card number, bank account number, etc.). When prompted, press **SEND** to send the DTMF number that follows your hard pause. “SENDING DTMF” flashes on the screen (the transmitted tones are audible).

Manual Pause Dialing

To perform manual pause dialing without first storing the number in the Phone Book, enter pauses 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 call (such as a bank’s teleservice phone number). For example, your bank’s teleservice phone number might be an 800 number.
2. Press **MENU** to display digit dialing options.
3. Press the associated digit key to select an option:

- ◆ Press **4^{GHI}** for a Hard Pause. The screen displays a “p” indicating a hard pause. Enter the number to be sent after the pause by pressing the digit keys, and then press **SEND**. After connecting, press **SEND** again to transmit the additional number.
- ◆ Press **5^{JKL}** for a two Second Pause. The screen displays a “T” indicating a timed pause. The screen prompts for the number to be sent after the pause. Enter the number to be sent after the pause by pressing the digit keys, and then press **SEND**. The phone transmits the number that follows the pause two seconds after connection.

Note: Storing numbers is convenient if you plan to dial the number often.

Entering Text, Numbers, or Symbols

At various times when using your phone, you will need to enter text. For example, when storing a name in the Phone Book, entering events in your Calendar, or creating a bookmark in the Minibrowser.

When you are prompted to enter text, the current text entry mode will appear on the above the **MENU** key as T9word, alpha, symbol, or numeric. To change the Input Mode, press the **MENU** key and select one of the following four options:

- ◆ T9 English
- ◆ Alpha
- ◆ Symbol
- ◆ Number

When entering text, numbers, or symbols;

- ◆ press **# >** to insert a space.
- ◆ press **CLR** to clear the last number, letter, or symbol. Press and hold **CLR** to completely clear the input field.
- ◆ press **< *** to change or “Shift” the case (initial capital, all lowercase, or all capital letters).
- ◆ press **0** to cycle through candidate T9 words matched.

Alphabetical Text Entry

Alphabetical text characters may be entered in the 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. To change capitalization formats while entering text, press the **< *** key.

Number Entry

The numbers on your keypad can be entered when in “Alpha” text entry mode. If you want to enter all numbers, you can do so easily by selecting the “Number” Input Mode.

Symbol Entry

Symbols are entered by changing to the “Symbol” Input Mode and pressing the soft key (1 through 9) for the symbol you want. The symbols are mapped to the number keys

When in Symbol input mode, press the key shown on the screen under the symbol that you desire to enter.

T9® Text Entry

T9word, 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**. Press **0** 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 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.

Audible Alerts

Your phone will beep at you from time to time to let you know that certain things have happened. You can easily turn these beeps off or on. Following is a description and a simple procedure to turn them on or off.

Service Alert

A service alert is two short beeps that sound when:

- ◆ The phone experiences a dropped call or a failed call.
- ◆ The phone enters or leaves a service area.

To set the service alerts on or off:

1. Press **MENU** to display the Main Menu.
2. Press **8^{TUV}** for Setup.
3. Press **1** for Sounds.
4. Press **5^{JKL}** for Alert.
5. Press **2^{ABC}** for Service.
6. Press the scroll keys to toggle between On / Off. When the desired setting displays, press **OK/☐** to save.

Minute Beep

You can set the minute beep option to sound an alert 10 seconds before each elapsed minute to remind you of the length of the current call.

To turn minute beep on or off:

1. Press **MENU** to display the Main Menu.
2. Press **8^{TUV}** for Setup.
3. Press **1** for Sounds.
4. Press **5^{JKL}** for Alert.
5. Press **1** for Minute Beep.
6. Press the scroll keys to toggle between On / Off. When the desired setting displays, press **OK/☐** to save.





Display Options

Your phone has several easy-to-use display options. These allow you to:




- ◆ Display your own phone number.
- ◆ Control when and how long your backlight is on.
- ◆ Define a personal greeting of up to 12 characters.
- ◆ Set the language (English or French) used on your screen.
- ◆ View the hardware and software versions of your phone.

Displaying My Phone Number

To display the phone number of your phone from Standby mode:






1. Press  to display the Main Menu.
2. Press  for Phone Book.
3. Press  for My Phone#.
4. Press  to return to Standby mode.

To view your phone number while in a conversation:

1. Press  to display the In-Use menu.
2. Press  for Phone Book menu.
3. Press  for My Phone #.

Backlight Control





You have several options for setting how the backlight turns on and off. When the phone is closed, the backlight always remains off, thus conserving battery power. When the flip 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  to display the Main Menu.
2. Press  for Setup.
3. Press  for Display.
4. Press  for Backlight.
5. Press the scroll keys to scan menu options: Always On, 8 or 30 Seconds (after last keypress), or Off.
6. When the desired option displays, press  to save the setting.

Note: The Backlight options work the same as described above when the phone is attached to the optional hands-free car kit.

Setting the Language of Your Phone

Your phone can display all menus and messages in either English or French. It's quick, easy and very convenient for bilingual families or friends. Here's how to do it:

1. Press  to display the Main Menu.
2. Press  for Setup.
3. Press  for Language.
4. Press the scroll keys to select English or Français.
5. When the desired option displays, press  to save the setting. The change is immediate and affects all menus and screens.

Personal Greeting

Your phone comes from your service provider programmed with a greeting. This greeting displays in Standby mode. You can personalize this greeting with anything you want up to 12 characters. Here's how to do it:

To modify your personal greeting:

1. Press **MENU** to display the Main Menu.
2. Press **8^{TUV}** for Setup.
3. Press **2^{ABC}** for Display.
4. Press **2^{ABC}** for Greeting. Your current greeting displays.
5. Enter a new personal greeting by pressing the alphanumeric keys on the keypad. When entering your greeting, the phone defaults to alpha text (lower case) input mode. Press the **MENU** key for more text entry options.
6. Press **OK/☐** to save your personal greeting.

Displaying your Phone's Software and Hardware Versions

You can view the software and hardware versions of your phone. This feature is helpful if you need to call customer care (or client care). Here's how to do it:

1. Press **MENU** to display the Main Menu.
2. Press **8^{TUV}** for Setup.
3. Press **2^{ABC}** for Display.
4. Press **3^{DEF}** for Version. Information about your phone's hardware and software displays.
5. Press **OK/☐** to return to the previous screen.

Ringer Options

Your phone provides a variety of ringer options in the Sounds menu. These options allow you to customize your ringer type and ringer volume settings so that you can easily recognize when a certain type of call is coming in.

Note: To quickly adjust your ringer volume (for example, to quickly turn it off or to vibrate before you enter a meeting, concert, etc) see “Adjusting Ring Volume (the fast way)” on page 23.

Ringer Type Setting for Voice Calls

This option enables you to set a unique ringer type for incoming voice calls. Also, incoming voice calls which have Caller ID can be distinguished from those that do not by selecting different tones.

To set the ringer type for voice calls:

1. Press **MENU** to display the Main Menu.
2. Press **8^{TUV}** for Setup.
3. Press **1** for Sounds.
4. Press **2^{ABC}** for Ringer Type.
5. Press **1** for Voice Calls.
6. Press **1** to set the ringer type for calls that have Caller ID info or **2^{ABC}** for calls without Caller ID info.
7. Press the scroll keys to scan nine ringer types and four melody tones. Each tone sounds as you scroll the options.
8. When the desired ringer type sounds, press **OK/☑** to save the setting.

Ringer Volume Setting for Voice and Fax Calls

There are two ways to set the ringer volume for voice and fax calls:


- ◆ From Standby mode, press the volume keys until the desired volume is reached. The options are High, Med, Low, Vibrate, 1-Beep, or Off.
- ◆ In the Main Menu:
 1. Press **MENU** to display the Main Menu.
 2. Press **8TUV** for Setup.
 3. Press **1** for Sounds.
 4. Press **1** for Ringer Volume.
 5. Press **1** for Calls.
 6. Press the scroll keys to High, Med, Low, 1-Beep, Vibrate or Off.
 7. When the desired ringer volume setting displays, press **OK/☑** to save the setting.

Ringer Type Setting for Message Calls

This option enables you to set a unique ringer type for incoming message calls. This means you can have distinct ringer types for Voicemail notifications, Text messages, numeric pages, and MiniBrowser messages.

To set the ringer type for voice calls:







1. Press **MENU** to display the Main Menu.
2. Press **8TUV** for Setup.
3. Press **1** for Sounds.
4. Press **2ABC** for Ringer Type.
5. Press **2ABC** for Messages.
6. Press **1** for Voicemail, **2ABC** for Page, **3DEF** for Text, or **4GHI** for BrowserMsg.

7. Press the scroll keys to scan nine ring types and four melody tones. Each tone sounds as you scan the options.
8. When the desired ring type sounds, press  to save the setting.

Ringer Volume Setting for Message Calls

This feature enables you to select a unique ringer volume for incoming message calls. This volume setting applies to incoming voicemail notifications, text messages, and numeric pages.






To set the ringer volume for message calls:

1. Press  to display the Main Menu.
2. Press  for Setup.
3. Press  for Sounds.
4. Press  for Ringer Volume.
5. Press  for Messages.
6. Press the scroll keys to High, Med, Low, 1-Beep, Vibrate, or Off.
7. When the desired volume setting displays, press  to save the setting.

Ringer Type Setting for Your Alarm

This option enables you to set a unique ringer type for your alarm.

To set the ringer type for the alarm:

1. Press  to display the Main Menu.
2. Press  for Setup.
3. Press  for Sounds.
4. Press  for Ringer Type.
5. Press  for Alarm.

6. Press the scroll keys to scan nine ring types and four melody tones. Each tone sounds as you scan the options.
7. When the desired ring type sounds, press **OK/☑** to save the setting.

Ringer Volume Setting for Your Alarm

This feature enables you to select a unique ringer volume for your alarm.

To set the ringer volume for your alarm:

1. Press **MENU** to display the Main Menu.
2. Press **8^{TUV}** for Setup.
3. Press **1** for Sounds.
4. Press **1** for Ringer Volume.
5. Press **3^{DEF}** for Alarm.
6. Press the scroll keys to select High, Med, Low, or Off.
7. When the desired volume setting displays, press **OK/☑** to save the setting.

Ringer Type Setting for Data and Fax Calls

This option enables you to set a unique ringer type for data/fax calls.

To set the ringer type for data/fax calls:

1. Press **MENU** to display the Main Menu.
2. Press **8^{TUV}** for Setup.
3. Press **1** for Sounds.
4. Press **2^{ABC}** for Ringer Type.
5. Press **4^{GHI}** for Data/Fax In.
6. Press the scroll keys to scan nine ring types and four melody tones. Each tone sounds as you scan the options.
7. When the desired ringer type sounds, press **OK/☑** to save the setting.

Ringer Type Setting for Roaming Calls


This option enables you to select a distinctive ringer type for incoming roaming calls (this feature is on by default).

To set a distinctive ringer for incoming roaming calls:

1. Press **MENU** to display the Main Menu.
2. Press **8^{TUV}** for Setup.
3. Press **1** for Sounds.
4. Press **6^{MNO}** for Roam Ringer.
5. Press the scroll keys to choose Distinctive or Normal.
6. When the desired ringer type displays, press **OK/☑** to save the setting.

Voice Memo











Your phone can record two separate voice memos. Each voice memo can be up to one minute in length. When recording, a 60-second timer displays and an alert sounds to indicate when recording time expires.

Note: The phone must be in a digital network to record a voice memo. When you are in a digital network, the  icon is displayed.

Note: Before using the Voice Memo feature, refer to “Your Phone's Voice Memo Feature” on page 110.


Recording a Voice Memo in Standby Mode

To record a Voice memo in Standby mode:

1. Press and hold the  key on the side of the phone. The message “Recording” displays, along with the timer. You must continue to hold down the  key to record (recording is stopped when the key is released).
2. Record the voice memo by speaking into the microphone.
3. To stop recording, release the  key. A menu for the current voice memo becomes available.
4. To save the voice memo with the default date / time stamp, press  or do nothing. Your phone will automatically save the voice memo stamped with the date and time after about one minute. Other options on the current voice memo include:
 - ◆  for Add Label. The default label for a voice memo is the date / time stamp. You can create your own label using the alphanumeric keys. Just start entering your label and press  when you are ready to save it.
 - ◆  for Continue. Press and hold  to continue recording. You can add to the voice memo, but you must do it before you save the voice memo.
 - ◆  for Erase. Press  to erase the voice memo.










Recording a Voice Conversation

CAUTION: RECORDING A PHONE CONVERSATION MAY BE ILLEGAL IN SOME STATES AND/OR TERRITORIES. PLEASE READ AND UNDERSTAND THE PARAGRAPH TITLED “YOUR PHONE’S VOICE MEMO FEATURE” ON PAGE 110 BEFORE USING THIS FEATURE.

This feature is very convenient. For instance say a friend you are on a call with wants to give you directions somewhere. Just hold down the  key and the phone will record it ! Note that your voice is not recorded - only the other party(s) on the call. The other parties will hear a loud tone every few seconds when you are recording the call.

Reviewing a Voice Memo

To review a Voice memo:

1. Press  to display the Voice Memo menu.
2. Press  for Review. The phone displays the label for voice memo 1, begins to play voice memo 1 and displays a list of four reviewing options. All voice memos will play in order until you press ,  or select one of the following options:
 - ◆ Press  to Replay the voice memo.
 - ◆ Press  to Erase the voice memo.
 - ◆ Press  to listen to the next voice memo.
 - ◆ Press  to listen to the previous voice memo.
3. After reviewing the voice memos, press  to return to Standby mode.

Voice Dialing

Your phone features Voice dialing. When on a digital network, you can call up to 20 stored names simply by speaking the name into the microphone. Using the voice dialing option requires that you first program the phone to recognize the name of the person you are calling. It's very easy to program.

Note: The phone must be in a digital network to use voice dialing. When you are in a digital network, the **D** icon is displayed.

Tips on Recording Names

- ◆ Avoid recording similar names phonetically. If you record a similar name to one that is already stored in a voice-dial memory, the phone requests another name.
- ◆ Avoid recording in a noisy place.
- ◆ Speak clearly and naturally.
- ◆ 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.

Programming Names for Voice Dialing

Programming your phone for Voice dialing is very easy. The phone provides voice prompts and screen displays to guide you through the recording process.

To program the phone for voice dialing:

1. Press **MENU** to display the Main Menu.
2. Press **7 PQRS** 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 at least two syllables, or use both a first and last name. The phone stores the name as a “first” sample, and then prompts you to say the name again.

5. Respond to the prompt by repeating the name after the beep exactly as you did the first time. The phone stores the name as a second sample and then requests the phone number.
6. Enter the phone number on the key pad.
7. To store the phone number, press **OK/☑**. The number you entered displays, along with the notification "Recorded". If the number you entered matches a name/number already stored in your Phone Book, then the name also displays.
8. The screen then returns to the Voice Dial menu.

Note: For Voice dialing in Hands-Free mode, refer to the optional HKT021 hands-free car kit manual.

Voice Dialing Setup Options

Voice dialing is always on once you have programmed the phone to accept voice dialing entries. To place voice dialing calls, press and hold **SEND**. Then say the name into the phone after you hear the voice prompt and the beep.

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

To change voice dialing setup options:

1. Press **MENU** to display the Main Menu.
2. Press **7 PORS** for Voice Dial.
3. Press **4 GHI** for Set Active.
4. Press the scroll keys to toggle between options:
 - ◆ **SEND Only:** Enables voice dialing by pressing and holding **SEND**.
 - ◆ **SEND / Flip:** Enables voice dialing by pressing and holding **SEND** (when the phone is open), or by simply opening the flip.
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 **SEND** or open the phone (if set in the Main Menu).
2. At the voice prompt, say the name into the phone.
 - ◆ If the phone recognizes the name, then it says the name to you and then connects your call.
 - ◆ 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, it says “The name cannot be recognized.” and the following message displays: “Cannot recognize name. Please check name.”. The phone returns to Standby mode automatically, 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 your stored voice dial numbers display (the names also display if stored in the Phone Book).
4. Press the digit key to select the desired entry or scroll to the desired entry and press **OK/☑**. The recorded name plays audibly. You can quickly scroll entries without having to listen to each one, or you can listen to them all as they play in order.
5. Press **CLR** to return to the previous screen.

Erasing Voice Dialing Entries

To erase an individual voice dialing entry:

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.
4. Press the digit key to select the desired entry, or scroll to the desired entry and press **OK/☑**. The recorded name plays audibly and you are prompted with “OK: Erase”.
5. Press **OK/☑** to erase that entry. If this is not the entry you wanted to erase, you can quickly scroll to another entry.



To erase all Voice Dialing entries:

1. Press **MENU** to display the Main Menu.
2. Press **7 PQRS** for Voice Dial.
3. Press **3 DEF** for Erase All. You are given a confirmation screen and a confirmation voice prompt.
4. Press **OK/☑** to erase all voice dialing entries or **CLR** to return to Standby mode.


Keyguard

To avoid accidental key presses, you can enable the KeyGuard feature. However, you'll still be able to receive incoming calls and messages. This feature also prevents needless battery usage because the phone does not respond to any key presses and turns off the backlight.

To activate KeyGuard:

1. Press  to display the Main Menu.
2. Press  for KeyGuard. The keypad locks and “KeyGuard” displays.

To Deactivate KeyGuard:

1. Press and hold  to deactivate KeyGuard, or simply open the flip to turn on the backlight and *temporarily* disable KeyGuard.

Other things to know about Keyguard

- ◆ If you have an incoming call, open the flip to answer it. When you are done with the call, close the flip and KeyGuard is automatically turned on.
- ◆ KeyGuard works only when the flip is closed. To enhance usability, Keyguard is automatically turned off when you open the flip and automatically turned back on when you close the flip.
- ◆ If your battery is getting very low and you have Keyguard turned on, you may see a message “low battery cannot disable keyguard”. To make the message go away, open and close the flip. If the message persists, then you better go ahead and charge your battery.
- ◆ If you have Keyguard turned on, then the word “Keyguard” displays, however occasionally a message may be written over this (for example a “Missed Call” will cause this to happen). This is normal, and within a few seconds “Keyguard” will reappear on the display.

Emergency Dialing

You can place calls to 911 even if your phone is locked (see “Lock Mode” on page 83). 911 calls can be made in analog service areas outside of your service provider’s network.

Calling 911

1. Dial    .
2. Press  .

Note: Even if your account is restricted, you can still dial 911, but no other emergency numbers.

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 911 or for any other essential or emergency communications.

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

Phone Book

Your phone lets you store up to 229 numbers and names in the Phone Book. Each 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 dialing from your Phone Book makes it easy to call a phone number stored in your Phone Book. See "Shortcuts to Memory Dialing" on page 65.

Viewing Stored Entries

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

Viewing stored entries in one step

The up/down navigation keys allow you to view your entire Phone Book in alphabetical order of the names (a-z), or by numerical order (1-229) from Standby or Talk mode.

1. Simply press  or , to access the Phone Book. Press  to access the Phone Book numerically, or  to access the Phone Book alphabetically. After either key is pressed, you may enter a location number or letter to quickly access a particular entry.
2. Press  or  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  key.

Finding stored entries by name

1. Press **MENU** to display the Main menu.
2. Press **2_{ABC}** 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 two 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 **2_{ABC}** for Phone Book.
3. Press **4_{GHI}** for Find Entry.
4. Press the corresponding digit keys to enter and display your desired location or use the navigation keys to locate an entry, make sure it is highlighted and then press **OK/☑** to display the selected entry.

Storing Phone Numbers and Names

To store phone numbers and names:

1. Press **MENU** to display the Main menu.
2. Press **2^{ABC}** for Phone Book.
3. Press **2^{ABC}** for Add New Entry.
4. The screen prompts for the phone number. (You can enter up to 32 digits.) Press the digit keys to enter the phone number. The number displays from left to right.
5. Press **MENU** to enter a hard or two second pause or press **OK/☐** for the next prompt.
6. Select a Label for your new entry, your choices are:
 - ◆ Press **1** for Home
 - ◆ Press **2^{ABC}** for Work
 - ◆ Press **3^{DEF}** for Mobile
 - ◆ Press **4^{GHI}** for Pager
 - ◆ Press **5^{JKL}** for Fax
 - ◆ Press **6^{MNO}** for No Label

The phone prompts for a name.

7. Press **OK/☐** to select <Add New Name> and create a new Phone Book entry. You will add a name to the new entry later.
8. Enter the name at the screen prompt and press **OK/☐**.
(The text entry mode default is Alpha).

Note: If you need more information on how to enter a name for your phone book entry see “Entering Text, Numbers, or Symbols” on page 38.

9. To accept the displayed location, press **OK/☐** or to select another location press the navigation keys to scroll to the desired location and press **OK/☐**.

To Add a New Phone Number to an Existing Entry

To store phone numbers and names:

1. Press **MENU** to display the Main menu.
2. Press **2^{ABC}** for Phone Book.
3. Press **2^{ABC}** for Add New Entry.
4. The screen prompts for the phone number. (You can enter up to 32 digits.) Press the digit keys to enter the phone number. The number displays from left to right.
5. Press **MENU** to enter a hard or two second pause or press **OK/☐** for the next prompt.
6. Select a Label for your new entry, your choices are:
 - ◆ Press **1** for Home
 - ◆ Press **2^{ABC}** for Work
 - ◆ Press **3^{DEF}** for Mobile
 - ◆ Press **4^{GHI}** for Pager
 - ◆ Press **5^{JKL}** for Fax
 - ◆ Press **6^{MNO}** for No Label
7. At the Name? prompt, use the navigation keys to scroll to the Phone Book entry that you are adding a number to. Press **OK/☐** to store the new phone number.

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**. You can only use each label one time for each stored name (for example, you can only have one number labeled Work for a name entry).

Shortcuts to Storing Phone Numbers

You can store a phone number quickly by entering the number, and then pressing **OK/☑**. Then follow the prompts to designate the label, name and entry. You can quickly save a number after an incoming or outgoing call. See the next page for “Storing phone numbers at the end of a call.”

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. Once you have pressed **END/Ⓣ** to end your 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 procedure at this point is the same as “To store phone numbers and names:” on page 59.

Prepend a Phone Number

Your phone includes a Prepend feature. This feature lets you add a temporary prefix (for example, an area code) to telephone numbers stored in the Phone Book.

To Prepend a stored phone number:

1. Press **MENU** to display the Main menu.
2. Press **2ABC** for Phone Book.
3. Find the number you want to Prepend using one of the search methods described under “Viewing Stored Entries” on page 57 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 13 different ringers (four melodies and nine 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 **2ABC** 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 57, and then press **OK/☑**.
4. Press **MENU** to display options.
5. Press **6MNO** to add a Name Ringer.
6. Your phone displays the current ringer setting. Use the scroll key to listen to available ringers and melodies.
7. Press **OK/☑** to save your ringer 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 Phone Book entry that you want to change by pressing the  or  key and then scrolling to the name or number.
2. Press the  key to display the name and number.
3. Press the  key for options.
4. Press  for Edit. Your edit options display. If the number has been designated as Secret you are prompted to enter the Lock Code.
 - ◆ Press  to change the number.
 - ◆ Press  to change the name.
 - ◆ Press  to move the number to a different location.
 - ◆ Press  to make the number secret.
 - ◆ Press  to Set Speed Dial number.

Erasing Phone Book Entries

To erase an entry in the Phone Book:

1. From Standby mode, find the Phone Book entry that you want to change by pressing the  or  key and then scrolling to the name or number.
2. Press the  key to display the name and number.
3. Press the  key for options.
4. Press  for Erase.
5. Press  to erase. Your phone will prompt you for confirmation. Press  to confirm and erase the Phone Book entry, or press  to cancel the erase and return to the Phone Book options menu.

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

Secret Phone Book Numbers









Your 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 "Editing Phone Book Numbers" on page 63. When you have made the number secret, the phone will not allow anyone to view information on the number unless they enter your four-digit lock code.

Erasing the Phone Book

See "Erasing Your Phone Book" on page 87.

Set Speed Dial






For each name entered in the Phone Book, one of the programmed numbers should be designated as the speed dial number.

1. From Standby mode, find the number that you want to change by pressing the  or  key and then scrolling to the name or number.
2. Press the  key to display the name and number.
3. Press the  key for options.
4. Press  for Edit.
5. Press  for Set Speed Dial.
6. Press  to Set Speed Dial. The message "Speed Dial Saved" displays. To cancel press  to return to the previous menu.

Dialing numbers from the Phone Book


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



Shortcuts to Memory Dialing

- Scroll to the number: From Standby mode, press the  or  key to enter your Phone Book list. Scroll until you find the desired person or number, and then press the  key.
- One-Touch Dialing: Press and hold the associated digit key for the location (applies to memory locations 1 through 9).
- Two-Touch Dialing: Press and release the first associated digit key, and then press and hold the second digit key (applies to two-digit memory locations 10 through 99).
- Three-Touch Dialing: 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 three-digit memory locations 100 through 229).
- Speed Dialing: From Standby mode, enter the number of the memory location, and press  .
- 4-Digit Phone Book: From Standby mode, enter four consecutive digits of a number that you have stored in your phone book (for example, these digits could be the last four digits of your office phone). Then just press  . Note this is not the same as Abbreviated Dialing. For information on abbreviated dialing, see “Dialing Abbreviated Phone Numbers” on page 66.

Dialing Abbreviated Phone Numbers

From Standby mode, your phone allows you to dial a short digit string (four digits for example) and be immediately connected (if supported by your service provider).

Five and six digit strings will be immediately connected - simply dial the digits and press . To dial a smaller digit string (that is, 1, 2, 3, or 4 digits) is also very easy - it just requires a little extra button pushing. Here's how to do it:

1. Dial the desired digits (1, 2, 3, or 4 digits).
2. Press  to display the Digit Dial menu.
3. Press  for Send. The abbreviated number is immediately dialed.

Calendar

Your phone features a Calendar 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 Calendar press **MENU** **5JKL** . Press the associated digit key to access one of the Calendar options or navigate to the option you want and press **OK/☐** to access that option. Calendar has the following options:

- ◆ 1: Today
- ◆ 2: Month View
- ◆ 3: Jump To Date
- ◆ 4: To Do List
- ◆ 5: Countdown
- ◆ 6: Alarm Clock
- ◆ 7: World Clock

Note: All of your Calendar functions are available when you are on a call by pressing **MENU** **6MNO** . This means you can easily check your schedule while talking to someone.

Today

You can schedule up to nine events for the current day indicating each event's start and end time. You can even have your phone's Calendar alert you before an event is to start. Events scheduled for future dates automatically appear on your Today events schedule on that day.

Here's how to enter an event:

1. Press **MENU** to display the Main menu.
2. Press **5JKL** for Calendar.
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 38.

5. Press **OK/☑** to accept your entry.
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, No Alarm and On Time.

To view an event:






1. Press **MENU** to display the Main menu.
2. Press **5JKL** for Calendar.
3. Press **1** for Today.
4. Use the navigation keys to display all of an events information. If you have more than one event use the navigation keys to display more events.

To Add, Edit or Erase Events:




1. Press **MENU** to display the Main menu.
2. Press **5JKL** for Calendar.
3. Press **1** for Today. If you have more than one event scheduled press **▲** or **▼** to scroll your events one at a time.
4. To add a New Event for Today press **MENU** **1** .
5. To Edit an Event, navigate to the Event to be edited and press **MENU** **2ABC** .
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.

Month View








Month view 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. Days with scheduled events are underlined. In month view, the scroll keys work like this:

- ◆ Up/down keys  or  move up or down the Calendar by one week.
- ◆ Right/left keys   move right or left one day.
- ◆ To display the next or previous month press  .

Access Month View as follows:

1. Press  to display the Main menu.
2. Press  for Calendar.
3. Press  for Month View.
 - ◆ Remember, the current date is highlighted.
 - ◆ Use the navigation keys to select the month and day.

To view a scheduled event, add a new event, edit or erase an event on your Calendar:

1. Press  to display the Main menu.
2. Press  for Calendar.
3. Press  for Month View.
 - ◆ The current date is highlighted.
 - ◆ Use the navigation keys to select the month and day.
4. Press  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.
 - ◆ If more than one event is scheduled for Today, use the navigation keys to view all events for the day you selected.
5. Press  or  to return to the Calendar.
6. Press  to display the Options menu. Choose what you want to do: 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 calendar.

Using Jump To Date:

1. Press **MENU** to display the Main menu.
2. Press **5_{JKL}** for Calendar.
3. Press **3_{DEF}** for Jump To Date.
4. Enter the date using the digit keys.
5. Press **OK/☑** to display the Calendar and jump to the date you selected.

To add, edit or erase events refer to “Month View” on page 69.

To Do List

Your To Do list can help you keep track of and prioritize the things you need to do. 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_{JKL}** for Calendar.
3. Press **4_{GHI}** 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 38.
5. Press **OK/☑** .
6. Enter the time and date and press **OK/☑** .
7. Using the navigation keys, set the priority for a To Do List item. Your choices are High and Low.
8. Press **OK/☑** to save your prioritized To Do List item.

To view, edit, add, or erase To Do List items

1. Press **MENU** for the Main menu.
2. Press **5_{JKL}** for Calendar.

3. Press **4^{GHI}** for To Do List.
4. Using the navigation keys find the To Do List item you want to change and press **MENU**.
5. Press the digit key corresponding to the action that you want. Your choices are New Item, Edit Item, Erase Item and Exit.
6. Continue to add a new item, edit an existing item or erase an existing item by following the prompts.

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? The Count Down option can help you answer these questions. You can create up to 5 Count Down timers using the Count Down feature in Calendar.

If no countdown timers are programmed:

Use this procedure the first time you program a countdown timer or if you've erased them all.

1. Press **MENU** to display the Main menu.
2. Press **5^{JKL}** for Calendar.
3. Press **5^{JKL}** for Countdown.
4. The screen prompts for a name. Enter the name of your new countdown timer. To input text and characters refer to "Entering Text, Numbers, or Symbols" on page 38. Press **OK/☑** when complete.
5. Enter the date and time that you want to count down to or from. For example, if today's date is November 23, 2000 and you want to know how many months, days, and hours are left before 7:00PM February 14, 2001 enter the time 07:00PM and the date 02/14/2001.
 - ◆ Press the volume key to toggle between AM and PM or press **2^{ABC}** for AM or **7^{PQRS}** for PM.
 - ◆ countdown timers can be entered for dates up to 2099.

6. Press **OK/☑** to store the countdown timer.

To view, add, edit, or erase a programmed count down:

Use this procedure if you have a countdown timer(s) already programmed.

1. Press **MENU** to display the Main menu.
2. Press **5JKL** for Calendar.
3. Press **5JKL** for Countdown.
 - ◆ countdown timers display in order of least amount of time passed since the countdown was started, and least amount of time remaining until the specified date.
4. Press **MENU** to display options.
 - ◆ Press **1** for New Item. Follow the screen prompts to enter a new countdown timer.
 - ◆ Press **2ABC** for Edit Item. Follow the screen prompts to edit the timer.
 - ◆ Press **3DEF** for Erase Item. The selected timer is erased.
 - ◆ Press **4GHI** for Exit. This returns the screen to viewing the already programmed countdown timer(s).

Alarm Clock

Your phone has an alarm clock inside of it with three separate alarms. Each alarm can be set to go off one time or to go off daily at a time that you have programmed. Once you set an alarm, it is easy to change it's time or to turn it off.

To set the Alarm:

1. Press **MENU** to display the Main menu.
2. Press **5JKL** for Calendar.
3. Press **6MNO** for Alarm Clock.
4. Select the alarm you want to set by pressing **1** , **2ABC** , or **3DEF** .
5. Choose “Daily” or “No Repeat” for the alarm.

6. Enter the date and time for the alarm. Use the volume key on the side of the phone to select AM or PM or press **2**_{ABC} for AM or **7**_{PQRS} for PM. Note that no date setting is available for a Daily alarm.
7. Press **OK/☐** to save the alarm setting. Your phone returns to the Alarm menu showing the date and time of each alarm that is set.

To edit or erase a programmed Alarm:

1. Press **MENU** to display the Main menu.
2. Press **5**_{JKL} for Calendar.
3. Press **6**_{MNO} for Alarm Clock.
4. Select the alarm you want to set by pressing **1** , **2**_{ABC} , or **3**_{DEF} .
5. In the Options screen, press **1** for Edit or **2**_{ABC} for Erase. If you chose Erase, the alarm is immediately erased and you are returned to the Alarm menu. You can also choose **3**_{DEF} (Exit) if you change your mind.
6. If you chose Edit, then choose “Daily” or “No Repeat” for the alarm, and enter the new date and time for the alarm. Use the volume keys on the side of the phone to select AM or PM or press **2**_{ABC} for AM or **7**_{PQRS} for PM.
7. Press **OK/☐** to save the new alarm setting. Your phone returns to the Alarm menu showing the date and time of each alarm that is set.

World Clock

Have you ever wanted to call a friend in another part of the world but wondered what time of the day it is there? To know what time it is before you call, use the World Clock function of the Calendar. World Clock will tell you what time it is in twenty-four different time zones around the world along with one or more major cities, states, regions or countries in a time zone.

Checking the current time in another city or country:










1. Press **MENU** to display the Main menu.
2. Press **5** JKL for Calendar.
3. Press **7** PQRS for World Clock.
4. Use the navigation keys to find the current time in one of the following 24 time zones (time zones are identified by one or more cities, states, regions or countries in a time zone):
 - San Francisco
 - Chicago, Mexico
 - Caracas
 - Mid Atlantic
 - London, Madrid
 - Athens, Helsinki
 - Abu Dabi
 - Alma-ata
 - 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 **CLR** to return to Calendar, or **END/Ⓜ** to return to Standby mode.

Note: The World Clock does not adjust for Daylight Savings Time.

Calculator

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

To perform a calculation:

1. Press  to display the Main menu.
2. Press  for Setup.
3. Press  for Calculator.
4. Press digit keys to enter the first number in your calculation. Numbers can be up to 9 digits long.
 - ◆ Press  to enter a decimal point.
 - ◆ Press  to change the sign of a number to a negative (-).
5. Use the up / down keys ( ) 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  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 is displayed as the top number in the display.
9. Press  to perform the calculation and see the result.

Voicemail

Setting up your Voicemail Box



Contact your service provider for information on setting up your voicemail service.

Reviewing Voicemail Messages

Accessing your voicemail service is very easy with your Samsung phone. From Standby mode, use One-Touch Access (see below) or:


1. Press **OK/☐** to display the Messages menu. If you have new voicemail message(s), the screen displays “Voicemail New” and the time, date, and number of new messages.
2. Press **SEND** and your voicemail is immediately dialed.






To reset the voicemail indicator

The voicemail system should automatically clear the  indicator after you have listened to all voicemail messages. If the  indicator is not automatically cleared (that is, reset), follow this easy procedure to manually clear it.

1. From Standby mode, press **OK/☐** to display the Messages menu.
2. Press **1** for Voicemail.
3. Press **MENU** for more options.
4. Press **2_{ABC}** for Reset. The message indicator resets (that is, it goes away).

One-Touch Access to Your Voicemail Box

One-Touch Access to your voicemail box is done by pressing and holding . However, you must perform a simple setup procedure in order for this feature to work. It's easy, here it is:

1. From Standby mode, enter the number that will dial your voicemail service. This number is determined by your voicemail provider, but normally it is your phone number, or your phone number with the “#” sign in front of it.
2. Once you have typed in the correct number and it appears on the screen, press .
3. The screen prompts for a Label. Choose any option 1 through 6.
4. The screen prompts you for a name. Press  to add a new name.
5. Enter “Voicemail” for the name and press .
6. The screen prompts with the next available phone book location. IMPORTANT - type in 229. The screen displays “#229 is empty”. Press .
7. You've now stored your voicemail access number into memory location 229. From now on, when you press and hold the  key, your phone will connect to your voicemail box.

Note: Do not store any other number into memory location 229, or this One-Touch Access feature will no longer work.


Messaging

Your phone receives four kinds of messages: voicemail, text, numeric pages, and Browser messages.


Incoming Messages

Your phone receives incoming messages in both Standby and Talk modes. When you are on a call and receive a message, your phone automatically mutes the ringer and provides the call waiting tone (this is to avoid ringing in your ear while you are trying to talk).



Receiving a Message in Standby Mode

When your phone receives a message in Standby mode, the ringer sounds (unless turned off), and the screen displays (“New Voicemail”, “New Text”, “New Page” or “New BrowserMsg”). The message indicator () displays and remains on the screen until you listen to the new voicemail message, or read the new Browser message, text message or numeric page.







Receiving a Message While on a Call


If you receive a new text message or numeric page while on a voice call, the Call Waiting tone sounds and a message header displays. You can easily review the new message while on the call by just pressing  . Your call will not be disconnected, and you can ask the other party to wait while you review the message. If you are using the optional hands-free headset, then you can read the message while continuing your conversation.


Reviewing Numeric Pages, Text Messages, and Browser Messages

When a message arrives, you can immediately review it by pressing , or store the message for later review by pressing . The Messages menu provides options for reviewing the sender's name, phone number, time / date stamp and the message.

To review a stored (or old) numeric page, text message, or Browser message from Standby mode:

1. Press  to display the Messages menu. The number of new (unread) messages displays next to the associated message type in the menu.
2. Press  for Page/Text or  for Browser Msg. A 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 the message.
3. Use the scroll keys to scroll the list of messages.
4. When the message displays, press  to review the message. While reviewing the message the scroll keys operate like this:
 - ◆ Press  to scroll up or  to scroll down to the next message.

Note: While reviewing a message, you can press  for more options. See “Message Options” on page 80.

5. Press  to return to the previous screen.

Message Options

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, scroll to the next or previous message, or extract a phone number that is included in the message.

1. While reviewing a message, press **MENU** for options:
 - ◆ Press **1** for Talk (to call the phone number).
 - ◆ Press **2_{ABC}** to Save the number (if there is no Phone Book match).
 - ◆ Press **3_{DEF}** to Erase the message.
 - ◆ Press **4_{GHI}** to review the Next message.
 - ◆ Press **5_{JKL}** to review the Previous message.
 - ◆ Press **6_{MNO}** to extract a phone number that was included by the sender of the message. If more than one number was included by the sender then a list of the numbers is presented to you, and you can extract the one you want.
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 (5) Extract.

Message Ringing

Your phone allows you to set a unique ring type for each type of incoming message: voicemail, Browser, text or numeric page (see “Ringer Type Setting for Message Calls” on page 45).

Message Time

You can select one of three time stamps to be used on your incoming messages. The time stamps to choose from are:

- ◆ UTC (Universal Time Coordinated). This setting causes your messages to be stamped with the time that the message center sent the message to your phone. This time stamp is based on Greenwich Mean Time.
- ◆ Local Time. This setting causes your messages to be stamped with the local time that the message center received the message.
- ◆ Time Received: This setting causes your messages to be stamped with the time that your phone received the message in your home time zone. This setting may not work in some analog coverage areas.

To select the message time stamp:

1. Press **OK/☐** to display the Messages Menu.
2. Press **5_{JKL}** for Msg Time.
3. Press the scroll keys to select UTC, Time Rcvd, or Local Time.
4. Press **OK/☐** when the desired setting appears.

Erasing Individual Messages

You can erase an individual text message, numeric page, or Browser message after reviewing it.

To erase a text message, numeric page, or Browser message:

1. Press **OK/☐** to display the Messages Menu.
2. Press **2_{ABC}** for Page/Text or **3_{DEF}** for Browser Msg.
3. Use the navigation keys to scroll to the message you want to erase.
4. When the message is highlighted, press **OK/☐**. The message header and body will display.
5. Press **MENU** for more options.
6. Press **3_{DEF}** to erase the message or **CLR** to return to the Messages menu.

Erasing all Page/Text or Browser Messages

You can erase all text/numeric page messages or all Browser messages.

To erase all Page/Text messages or all MiniBrowser messages:

1. Press **OK/☐** to display the Messages menu.
2. Press **4GHI** for Erase.
3. Press **1** for Page/Text or **2ABC** for BrowserMsg.
4. A confirmation displays. Press **OK/☐** to erase all messages or **CLR** to return to the previous screen.

Message Memory Capacity

Your phone can store up to 99 messages. This storage capacity includes all message types; numeric page, VMN (voicemail notification), text, and browser. The number of messages that can be stored also depends 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.

Messages and Lock Mode

Incoming messages are received even when your phone is in Lock mode. However, the screen will display the time and date of the message but you cannot access the message. To access the message, unlock the phone to proceed.

Your Phone's Security Features

Your phone provides security options, including a user-programmable lock code and special phone number features. To access the Security menu in Standby mode, press **MENU**, **8^{TUV}**, **4^{GHI}** and then enter the four-digit lock code (normally the lock code is the last four digits of your phone number). Press the associated digit key to access one of the following Security options:

1. Lock phone
2. Change lock
3. Special numbers
4. ErasePhonebook
5. Reset Phone

Lock Mode

Locking the phone limits all outgoing calls except calls to the three hard-coded emergency numbers (911, *911 and #911), the three user-programmable special numbers.

You can lock the phone manually during use, or set the phone to lock automatically when it is turned on. When the phone is in Lock mode, you can answer incoming calls, but you must unlock the phone to place outgoing calls (except to emergency and special numbers).

Lock Code Setting

The default lock code for your phone is generally 0000 or the last four digits of your phone number. You can enter a personal lock code and later 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 **8^{TUV}** for Setup.
3. Press **4^{GHI}** for Security and enter your current lock code.

4. Press **2^{ABC}** for Change Lock. The current lock code displays.
5. Enter a new, four-digit lock code by pressing the digit keys.
6. 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.

Locking the Phone

The Security menu allows you to lock the phone manually or automatically when powering on your phone or to leave the phone unlocked.

To lock the phone:

1. Press **MENU** to display the Main menu.
2. Press **8^{TUV}** for Setup.
3. Press **4^{GHI}** for Security and enter your current lock code.
4. Press **1** for Lock Phone.
5. Press the scroll keys to select an option:
 - ◆ Unlocked: The phone remains unlocked.
 - ◆ Lock 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 powered on and stays locked until the lock code is entered.
6. Press **OK/☑** to save the setting.

Unlocking the Phone

This is very easy. When the phone is locked, it displays “MENU: Unlock:”. Just press **MENU** and the phone prompts for the lock code. Enter the lock code and the phone is immediately unlocked.

Dialing in Lock Mode

You can place calls to emergency and special numbers 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 special number, enter the number and then press **SEND**.
- ◆ 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**.

Special Numbers

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

All three special numbers can be manually dialed at any time even when your phone is locked. This can be a useful feature for controlling what numbers can be dialed from your phone.

Storing Special Numbers

To store special numbers:

1. Press **MENU** to display the Main menu.
2. Press **8^{TUV}** for Setup.
3. Press **4^{GHI}** for Security and enter your current lock code.
4. Press **3^{DEF}** for Special #.
5. Press **1**, **2^{ABC}** or **3^{DEF}** to select a location for the special number.
6. Enter the special number by pressing the digit keys. Special numbers can be up to ten digits long.
7. Press **OK/☑** to save the number in the selected location.

Dialing Special Numbers in Lock Mode

To dial special numbers in Lock mode:

1. Enter the special number by dialing it as you normally would using the digit keys.
2. Press **SEND** to place the call.

Resetting Your Phone

Resetting the phone returns all setup options to the factory default settings and erases your Call Logs. All of your important personal settings (Phone Book, Voice Dial recordings, Voice Memos, Messages, and Calendar) are not affected by resetting your phone.

To reset the phone:

1. Press **MENU** to display the Main menu.
2. Press **8^{TUV}** for Setup.
3. Press **4^{GHI}** for Security and enter your current lock code.
4. Press **5^{JKL}** for Reset Phone. A confirmation displays explaining that you will reset the phone to factory defaults.
5. Press **OK/☐** to reset the phone or press **CLR** to cancel the operation.
6. The phone reboots (turns itself off and back on), restores the default settings, erases your messages and then returns to Standby mode.

Erasing Your Phone Book

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

1. Press **MENU** to display the Main menu.
2. Press **8^{TUV}** for Setup.
3. Press **4^{GHI}** for Security and enter your current lock code.
4. Press **4^{GHI}** for Erase Phone Book. A confirmation message displays explaining that you will erase the entire Phone Book.
5. Press **OK/☐** to erase the Phone Book or press **CLR** to cancel the operation.
6. "Erasing Phone Book" displays first and when the operation is complete "Phone Book Erased" displays. The phone then returns to Standby mode.

Keeping Track of Your Calls

Your phone does a great job of telling you about its calling activity and lets you easily return these calls.



Your phone retains these three call lists in memory:

- ◆ Incoming - the last 10 calls placed to your phone.
- ◆ Outgoing - the last 10 calls placed from your phone.
- ◆ Missed - the last 10 calls placed to your phone that you did not answer.


Each entry in the three lists is referred to as a Call Log. Each Call 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 log lists easily (see “Erasing Call Logs” on page 89).

In addition to the Incoming, Outgoing, and Missed calls lists, your phone maintains an airtime log. See “Reviewing Airtime” on page 90 for information on this useful feature.

Note: You can quickly access your last five incoming, outgoing, and missed call logs from Standby Mode by pressing . Then just use the scroll keys to review your calls. If you find one that you want to call back, press  again to be immediately connected.

Reviewing Outgoing, Incoming, or Missed Calls

When displaying a Call Log, press  to be immediately connected.

1. Press  to display the Main menu.
2. Press  for Call Logs.
 - ◆ Press the associated digit key to select an option:
 - ◆ Press  for Outgoing calls.
 - ◆ Press  for Incoming calls.
 - ◆ Press  for Missed calls.

3. When the list of calls displays, press the scroll keys to scan the logs. The time / date stamp displays for each log. If there is a Phone Book match, the name displays. If there is not a Phone Book match, only the phone number displays.
4. When a log is highlighted you can press:
 - ◆ **SEND** to be connected to that party.
 - ◆ **OK/☑** to review information available on that call (name and phone number (if available) and time/date stamp). When you are viewing this information you can press **MENU** for more options (talk, save to your phone book, or prepend the number).
5. Press **CLR** to exit the Call Logs list and return to the previous screen.

Erasing Call Logs

You can erase any of the three lists (Outgoing, Incoming or Missed calls) or you can easily erase all three lists at once. Here's how to do it:

1. Press **MENU** to display the Main menu.
2. Press **1** for Call Logs.
3. Press **4^{GHI}** for Erase History.
 - ◆ Press the associated digit key to select an option:
 - ◆ Press **1** for Outgoing calls.
 - ◆ Press **2^{ABC}** for Incoming calls.
 - ◆ Press **3^{DEF}** for Missed calls.
 - ◆ Press **4^{GHI}** for All Calls.
4. Press **OK/☑** to erase or press **CLR** to cancel the operation and return to the previous screen.

Reviewing Airtime

Your phone records (or logs) the amount of airtime or talk time used. The “Total” measurement lists the number of calls made to or from your phone, and the total time in hours and minutes for these calls. This airtime measurement can easily be erased by you at any time and therefore is convenient for approximating your usage on a daily, weekly, monthly, etc. basis. This feature is not intended for billing purposes.

To view or erase your Total airtime measurement:

1. Press **MENU** to display the Main menu.
2. Press **1** for Calls.
3. Press **5_{JKL}** for Air Time.
4. Press:
 - ◆ **1** for Total. The screen displays the total number of calls and the total airtime for all calls since you set this total to zero (by using the “Erase Total” option). Press **CLR** to return to the previous screen.
 - ◆ **2_{ABC}** for Erase Total. Press **OK/☑** to erase the “Total” airtime measurement, or press **CLR** to cancel the operation and return to the previous screen. If you choose this option, then the counter will be set to “zero” and will begin counting up the next time you make or receive a call.

Keeping track of your calls while the phone is in-use

You can view the incoming, outgoing, and missed calls logs while you are on a call, as well as erase the call log history and display and erase air time information. Here’s how to do it:


1. Press **MENU** to display the Main menu.
2. Press **3_{DEF}** for Calls. The following options are available:
 - ◆ 1: Outgoing
 - ◆ 2: Incoming
 - ◆ 3: Missed
 - ◆ 4: Erase History
 - ◆ 5: Air Time

The MiniBrowser


Your phone comes equipped with a MiniBrowser which makes it possible for you to use wireless internet services.



The MiniBrowser allows you to access up-to-the-minute information through your phone. View specially designed text versions of popular Internet sites which may include news, sports, weather, stock quotes, etc. Browsing the web through your phone is unlike using your personal computer in that 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 launch the MiniBrowser, the phone will connect to the Internet and the service indicator icon () will appear on the display. Any time the service indicator icon is visible on the display, you are connected to the Internet and will be invoiced accordingly. Rates and pricing vary according to your service option.

The MiniBrowser will end an internet connection after a certain period of inactivity, however some information from your session remains stored in the phone, and (if you leave your phone turned on) you can access this information without reconnecting to the internet. If you are viewing this stored information, and you select a link to a site that was not accessed in your last session, then you will be automatically re-connected to the internet. For this reason, you may find that you are billed for several network connections within a single session. This is normal and is designed to minimize your bill.

Note: The phone must be in a digital network to use the MiniBrowser. When you are in a digital network, the  icon is displayed.

Launching the MiniBrowser

Note: The first time you use the MiniBrowser, you will be required to go through a security setup process that takes approximately three to five 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.

To launch the MiniBrowser:

1. From Standby mode, press **MENU** **6MNO** .
Your phone will launch the MiniBrowser.

Note: A reminder of the charge may appear (depending on your prompt setting - see “The MiniBrowser Start and End Prompts” on page 93). To dismiss the prompt, simply answer yes (**OK/☑**) or no (**MENU**). If no prompt appears, you will be immediately connected and you can start surfing.

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 MiniBrowser, press and hold **CLR** . An example of a Home Page is shown below:

Home Page
1 ► Phone.com
2 Yahoo !
3 Weather
4 Portfolio
5 More Internet

Note: What appears on the display when accessing the MiniBrowser is dependent on the service provider content. To view additional text, use the scroll keys.

The MiniBrowser Start and End Prompts

Your phone can be set so that you view a prompt each time you start or end a MiniBrowser 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 **8 TUV** for Setup.
3. Press **7 PQRS** for MiniBrowser.
4. Use the scroll keys to select one of the four options:
 - ◆ Prompt None (This is the default setting. You will never see the prompt.)
 - ◆ Prompt To Start (You will see the prompt when you enter the browser, but not when you exit it.)
 - ◆ Prompt Both (You will be prompted when you enter or exit the browser.)
 - ◆ Prompt To End (You will see the prompt only when you exit the browser.)
5. Press **OK/☐** to save your setting or **CLR** to cancel.

To End the MiniBrowser Session

Simply press **END/Ⓢ** to exit the MiniBrowser. If the "Prompt to end" or "Prompt both" option is selected in the MiniBrowser Setup (**MENU** **8 TUV** **7 PQRS**), you will be prompted whether you want to end the MiniBrowser call.



The MiniBrowser Soft Keys

At the bottom of the MiniBrowser display is a solid bar which contains browser commands. "Soft" keys (**OK/☐** and **MENU**) below the solid 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 MiniBrowser software.

Navigating the MiniBrowser

When you use the MiniBrowser, some keys on your phone operate differently than during a normal phone call. These keys are explained below. The MiniBrowser 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 ( and ) are located below the bottom line of the display.












How the Keys Work in the MiniBrowser



- 1. Up/Down Navigation Keys:** Use the navigation keys to scroll to and select minibrowser options. The currently selected option is indicated by “▶”. You can also use the navigation keys to move the cursor when editing text.




- 2. Volume Key:** This key allows you to scroll up or down by a page.

-  3. **OK / Messages Key:** This is the left soft key. The left soft key is used primarily for selecting the highlighted item, but its function may change depending on what you are doing (see “The MiniBrowser Soft Keys” on page 93).
-  4. **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.
-  5. **Asterisk / Shift Key:** This is the shift key. Press before entering text to create upper case letters. This key is also used to scroll down or up a line at a time.
-  6. **0 / Next Key:** Enters a 0. Moves to the next word in T9 mode.
-  7. **Pound / Space Key:** This is the space key. Press to insert a space when entering text. This key is also used to scroll down or up a line at a time.
8. **Numbered Keys 0 - 9:** If the items on a page are numbered, you can use these keys to select them.
-  9. **END Key:** Exits the MiniBrowser and returns the phone to Standby mode.
-  10. **MENU Key:** This is the right soft key. The right soft key is used to access secondary options, or a menu of secondary options.

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.


Creating a Bookmark

1. Go to the page that you want to mark.
2. Press and hold . 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.

Note: If you need more information on how to enter a name for your bookmark see “Entering Text, Numbers, or Symbols” on page 38.

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

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.


Making a Phone Call While Using the MiniBrowser

You may initiate a phone call from the MiniBrowser if the site you are using supports this feature (the phone number may be highlighted and the left soft key will appear as "Call."). Pressing the "Call" soft key will dial the number. The internet connection will be terminated when you initiate the call. After you end the call, your phone will return to Standby mode.





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 or fax services 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. When you are in a digital network, the  icon is displayed.

Receiving a Data File

1. Ensure that your phone is connected to your PC and is powered on.
2. Press  to display the Main menu.
3. Press  for Setup.
4. Press  for Data / Fax In.
5. Use the scroll keys to select “Incoming Data Only”.
6. Press  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.

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 **8^{TUV}** for Setup.
4. Press **3^{DEF}** for Data / Fax In.
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.

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 as a wireless modem to send the fax or data file to the number designated by your PC software.

Changing your Phone Back to Voice Calling

1. Press **MENU** to display the Main menu.
2. Press **8 TUV** for Setup.
3. Press **3 DEF** for Data/Fax In.
4. Use the scroll keys to select “Voice Call Only”.
5. Press **OK/☐** to save the setting. The screen displays “No incoming data/fax calls can be received”. Your phone then returns to Standby mode.

Ending a Fax or Data call

Some of the normal ways to end a call, like closing the phone, will not end a fax or data call. Always close the connection through the application on your computer. Your phone will return to Standby mode. Disconnecting the data cable or turning off your phone will also end a data or fax call, but may disrupt your computer.

Menus

Your phone includes both a Main menu and an In-Use menu.

Main Menu



The Main menu in Standby mode contains eight primary options, all of which contain sub-menus (see “Your Phone’s Main Menu” on page 102).

In Use Menu

The In Use menu options are available in Talk mode:

1. (Un)Mute
2. 3 way call
3. Calls
4. Messages
5. Phone Book
6. Calendar

Menu Navigation

To access a menu option, press  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  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 return you to Standby mode from any menu. Also, 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	Menu Level 1	Menu Level 2
1. Calls ⇨	1. Outgoing 2. Incoming 3. Missed 4. Erase History	1. Outgoing 2. Incoming 3. Missed 4. All Calls
	5. Air Time ⇨	1. Total 2. Erase Total
2. Phone Book ⇨	1. Find Name 2. Add New Entry 3. My Phone # 4. Find Entry	
3. Messages ⇨	1. Voicemail 2. Page/Text 3. Browser Msg 4. Erase 5. Msg Time	↑ Time Rcvd Local Time ↓ UTC
4. Roaming ⇨	↑ Automatic Analog Home Only Home Only ↓ Analog	
5. Calendar ⇨	1. Today 2. Month View 3. Jump to Date 4. To Do List 5. Countdown 6. Alarm Clock 7. World Clock	
6. MiniBrowse ⇨	MiniBrowser contents are controlled by your service provider.	

Your Phone's Main Menu (continued)


Main Menu	Menu Level 1	Menu Level 2	
7. Voice Dial ⇨	1. Record		
	2. Review		
	3. Erase All		
	4. Set Active ⇨	↑ SEND Only ↓ SEND / Flip	
8. Setup ⇨	1. Sounds ⇨	1. Ringer Volume	
		2. Ringer Type	
		3. Key Beep	
		4. Tone Length	
		5. Alerts	
		6. Roam Ringer	
		2. Display ⇨	1. Backlight
			2. Greeting
		3. Version	
		4. Set NAM	
	3. Data/Fax In	↑ Voice Call Only Incoming Fax Only	
		↓ Incoming Data Only	
	4. Security ⇨	1. Lock Phone	
		2. Change Lock	
		3. Special #	
		4. ErasePhoneBook	
		5. Reset Phone	
	5. Call Answer	↑ Any Key SEND Key	
		↓ Flip Open	
	6. Auto Answer	↑ Car Kit Only Yes	
		↓ Car Kit Only No	
	7. MiniBrowser	↑ To Start Both To End	
		↓ None	
		↑ English	
	8. Language	↓ Français	
	9. Calculator		

9. Key Guard

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 you of the current strength by displaying a number of bars next to the signal strength 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 15 minutes. If your phone is on, it will periodically recheck service availability, or you can do so 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 and Industry Canada 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 without 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 unnecessarily 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 any other telephone, and keep the antenna pointed up and over your shoulder.
- ◆ Use of hands-free devices will further limit RF exposure.

Emergency Calls

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 911 or 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.

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, states, and jurisdictions. 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) and Canadian Department of Transportation 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 and require that your phone must be turned off.

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 bill.

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 shielded, 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 anti-skid or anti-lock braking 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.

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.

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 and Industry Canada Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC and Industry Canada can require you to stop using the telephone if such interference cannot be eliminated. If you need assistance, contact your service provider.

Liquefied Petroleum Gas

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58) and Canadian Gas Association (CAN/CGS-B149.2). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn.: Publication Sales Division. For a copy of the Canadian standard, contact Canadian Standards Association, 178 Rexdale Blvd., Etobicoke, ON M9W 1R3, Attn: Standard Sales Dept.

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.

Turn off Your Phone in Dangerous or Posted Areas

You must turn off your phone in dangerous areas or any area where posted notices so require. For example, 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.

Your Phone's Voice Memo Feature

The Voice Memo feature of your phone is intended to let you record information when a pencil and paper may not be available. Before using this feature to record any part of a telephone conversation, you should make sure that the recording will not be made or used for any wrongful or unlawful purpose and that you have the consent of other parties to the call if required by law or under your service agreement. Under the laws of some states, for example, recording any part of a telephone call is illegal unless every person on the call consents to your making of the recording. State and federal law may impose serious criminal penalties, in addition to possible civil liability, for unlawful recording of a telephone call or for disclosure of an illegally recorded conversation. Check to be sure that your intended use of this feature will comply with all applicable laws before recording or playing back a telephone conversation.

Information To User

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

- ◆ 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 different 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.

Battery and Phone Specifications

Protecting Your Battery

For best battery performance, you should follow these guidelines:

- ◆ Use your battery for its intended purpose only.
- ◆ Only use Samsung-approved batteries and 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)

Note: Damage can occur to Lithium Ion (Li-Ion) batteries if left uncharged. Li-Ion batteries should not be left with a charge level below 30%. Fully charge your Li-Ion battery prior to storing and periodically recharge your Li-Ion batteries.

Battery Disposal and Recycling

You must follow these instructions when disposing of or recycling the battery:

- ◆ Do not dispose of the battery in a fire; the cell may explode. You must follow the regulations in your area regarding disposal of batteries.
- ◆ 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.
- ◆ Return unwanted Samsung Lithium Ion batteries to your nearest Samsung Service Center. (Call toll free 1-888-987-HELP (4357) in the U.S.)

Samsung Phone and Battery Specifications

Dual-Band / Tri-Mode:	CDMA 1.9 GHz CDMA 800 MHz AMPS 800 MHz
Display Screen:	Graphical LCD (with 1 dedicated Icon Line)
Battery Type:	Standard: 1000 mAh Lithium-Ion Extended: 1400 mAh Lithium-Ion
Antenna:	retractable, user-replaceable

Samsung Phone with:	Standard Battery	Extended Battery
Dimensions (H x W x D):	4.4 x 1.7 x 0.71 inch 114 x 45 x 18 mm	4.4 x 1.7 x 0.78 inch 114 x 45 x 20 mm
Weight:	4.2 oz. (121 g)	4.5 oz. (130 g)
Volume:	93 cc	102 cc
Talk Time CDMA 1900:	up to 170 mins	up to 220 mins
Talk Time CDMA 800:	up to 170 mins	up to 220 mins
* Talk Time AMPS:	up to 130 mins or	up to 170 mins or
Standby Time CDMA 1900:	up to 130 hours	up to 170 hours
Standby Time CDMA 800:	up to 130 hours	up to 170 hours
Standby Time AMPS:	up to 16 hours	up to 20 hours

* Actual AMPS mode talk times will vary based on network coverage conditions.

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 MiniBrowser, and to take advantage of all of the other services and features available 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 of information and messages to your phone. You may think of this as an over the air service to your phone. During an over-the-air programming session, your phone may display the following messages:

- ◆ “Search ... Download” - this message means the phone is looking for the data to download.
- ◆ “Progress Download” - this message means the phone is downloading data. *Do not turn your phone off while this is occurring.* See the CAUTION below.
- ◆ “Download Success” - this message means that your phone has been successfully reprogrammed. You can now continue to use your phone as you normally do.
- ◆ “Download Failed” - if this message appears contact your service provider.

CAUTION: 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.

Setting Your NAM

Your Samsung phone can store two NAMs (NAM stands for Numerical Assignment Module, and is essentially your phone number). This means that 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 Roaming settings. See “Setting Your Phone’s Roaming Ability” on page 24 for information on these settings.

Here is how you select the NAM you want to use:

1. Press **MENU** to display the Main Menu.
2. Press **8^{TUV}** for Setup.
3. Press **2^{ABC}** for Display.
4. Press **4^{GHI}** for Set NAM.
5. Use the scroll keys to select NAM-1 or NAM-2.
6. When the desired option displays, press **OK/☑** to save the setting, or **CLR** to exit without saving. If you change your NAM, then the phone automatically reboots and acquires service using the new NAM.

LIMITED WARRANTY

1. What is Covered and For How Long? SAMSUNG TELECOMMUNICATIONS AMERICA, INC. ("SAMSUNG") warrants the original purchaser that SAMSUNG's Phones and accessories are free from defects in material and workmanship under normal use and service for a period commencing on the date of purchase and continuing for the specified period of time after that date:

Samsung Phone	1Year
Batteries	1Year
Leather Cases	Defect-free at time of purchase
Other Phone Accessories	1 Year

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