SPH-A540 Series

P O R T A B L E

T r i - M o d e

T E L E P H O N E

User Guide

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

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Your consumer package

Your consumer package contains the following items:

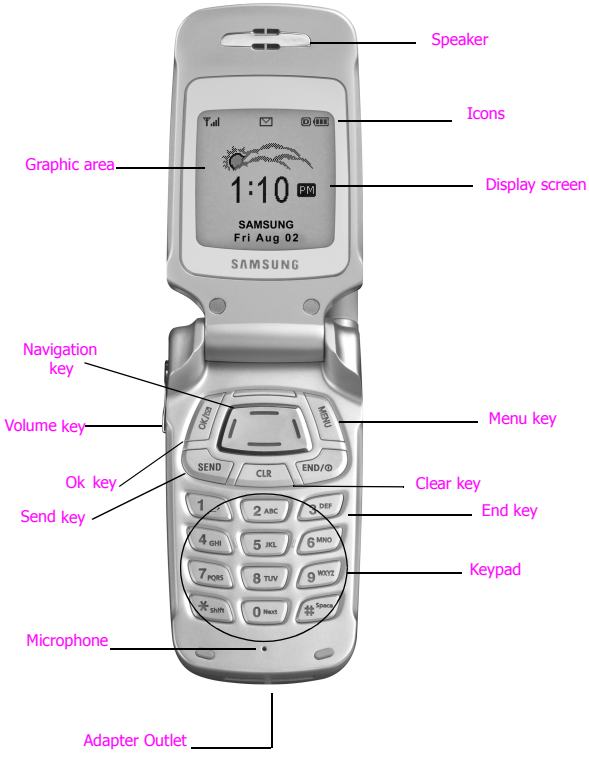
- Samsung SPH-A540 phone with hand strap
- Samsung Standard Li-Ion battery
- Samsung travel adaptor
- User guide







Front view of the SPH-A540



Getting to know your phone

Antenna

The antenna is a device for transmitting and receiving signals. The shape and size of the antenna is determined, in part, by the frequency of the signals that they receive. An antenna makes the call sound clearer when it is fully extended. Use only in the normal position and do not touch the antenna unnecessarily when the phone is active.

Backlight features

Your keypad has user settable backlighting for easy visibility.

Clear key

The 

key is used to erase/clear numbers or characters that may have been incorrectly entered. Or, you can use it to return to a previous screen.

- If you enter an incorrect number or character on the display screen, press 

once briefly.
- To erase all digits or characters from the display screen, press 

for two seconds.
- To back up one menu level, press 

once briefly.
- To return to standby mode from any menu, press 

for two seconds.

End key

This 

key is utilized in several ways:

- Press and hold 

to turn on your phone.
- Press and hold 

to turn off your phone.
- Press 

once to disconnect a call, return to standby mode, or cancel any input.

Headset connector

This is where the optional hands-free headset is connected. The headset includes an earbud and microphone in a convenient, lightweight unit so you can talk without using your hands.

- Before inserting the hands-free headset connector to your phone, gently pry open the top of the cover to expose the headset connector.

LED indicator

The LED indicator flashes to indicate an incoming call or message. When you have the phone ringer set to off, the LED indicator notifies you of an incoming call or message.

- The LED indicator lights momentarily when you power up the phone.

Menu key

Press  to enter the menu selection.

Microphone

The microphone is used for conversation and recording.

Keypad

Use these keys to enter text, numbers, and special characters.

OK/Message key

The  key stores information that you enter. When in standby mode,  functions as a **Message** menu access key to send messages and review received messages.

Speaker

The speaker is for listening to voice conversations.

Send key

The SEND key performs several useful functions:

- Press SEND once to answer calls.
- Enter a number and press SEND once to connect a call.
- Press SEND twice in standby mode to redial the last outgoing number.

Navigation

The Navigation key allows you to locate different menu options by pressing in the appropriate direction.

When in standby mode the navigation key also acts as a hot key.

Display screen

Your phone has two display screens:

The display screen on the front of your phone is comprised of three areas:

- **An upper line of stationary icons**
- **The middle area showing the time of day**
- **The lower line showing the date**

The display screen on the inside of your phone is comprised of three areas:

- **An upper line of stationary icons**
- **The graphic area in the middle**
- **A lower line of text information**

The top line of icons on the liquid crystal display (LCD), appear according to the phone's operating mode.

Display screen icons



Signal strength: This icon always appears when your phone is on. It shows your current signal strength. More lines indicate more signal strength.



Service indicator: This icon indicates a call is in progress. When the phone is calling a number, this icon will flash until the call is connected.



No service indicator: This icon indicates your phone cannot find a signal because you're outside a service area. You cannot make or receive calls. Wait a little while for a signal or move into an open area.

Note: The no service indicator icon will always appear when you turn on your phone. As soon as service is located, the indicator will disappear.



Roaming: This icon is your extended roaming indicator.



Analog: Indicates you are on an analog system.



Digital mode: This icon indicates your phone is operating in digital mode. Your phone has some features that work only in a digital service area; these services include the Web Browser and certain other message(s) services. If this icon is absent, your phone is operating in analog mode.



Vibrate mode: This icon indicates that an incoming call will make the phone vibrate rather than ring.



Battery strength: This icon always displays when your phone is active, it displays your battery charge level. The more black bars you see, the greater the charge. When the battery becomes very low, a flashing empty battery icon displays and the phone sounds an audible alert; this indicates that your phone is about to turn itself off.



New message: This icon displays when you have a message waiting.



Alarm clock: This icon displays when you have your alarm clock set.



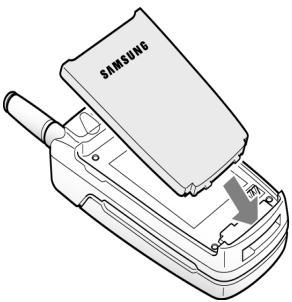
Ringer silent: This icon displays while in standby mode when your phones ringer is set to silent.

Installing the battery

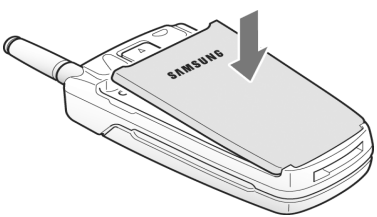
Note: Your phone comes packaged with a partially charged rechargeable standard Li-Ion battery and travel adapter. The phone can be used while the battery is charging, but must be fully charged the first time you use your phone otherwise the battery could be damaged.

To attach the battery to your phone:

1. Gently place the battery into the provided slots on the underside of the phone.



2. Gently push the top end of the battery down (The top end of the battery displays the word Samsung in raised letters.) until you hear it click into place.

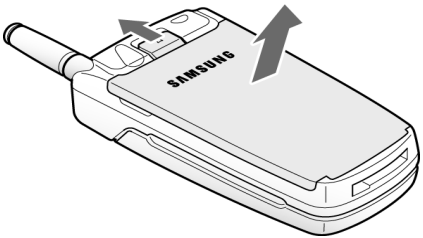


Removing the battery

To remove the battery from your phone:

1. Turn the phone off by pressing and holding 

.
2. Push the battery release latch up and pull the battery away from the latch.
3. Lift the battery away from the phone.



Charging the battery

Your phone is powered by a rechargeable standard Li-Ion battery. Only use Samsung-approved travel adaptors and batteries. These adaptors are designed to maximize battery life. **Using other adaptors may invalidate your warranty and may cause damage.**

When the phone has finished charging it can be disconnected.

Travel adapter

Use the adaptor outlet to connect your phone to a wireless data device or a hands-free car kit (both sold separately). The dual-slot adaptor outlet is located at the bottom of the phone.

Using the travel adaptor

The travel adaptor allows you to charge your phone's battery from any standard 110/220 free volt AC wall outlet. Also, using the travel adaptor allows you to make a phone call while the battery is charging.

Follow these steps to use you travel adapter:

1. With the battery in position in the phone, attach the cord from the travel adaptor by plugging it into the adaptor outlet at the bottom of the phone.
2. Connect the adaptor to a standard 110/220 free volt AC wall outlet. The battery will begin charging immediately, and the LED (located at the top of your phone) will light and remain red.
3. The LED indicates the status of the battery being charged.
   - **Red** indicates that the battery is charging.
   - **Green** indicates that the battery is fully charged.
4. You can make a phone call when the phone is plugged into the travel adaptor. The adaptor will continue to charge the battery even when you are making the call.

Note: The battery charges faster when the phone is turned off.

Low battery indicator

You can tell whether or not your battery needs to be recharged by checking the battery indicator (this icon  is located in the upper-right corner of the display screen). The presence of all three bars indicate a full charge. No bars (the battery icon is empty) means your battery must be charged.

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 (), and sounding a tone. If you continue to operate the phone without charging the battery, the phone will automatically turn off. If this happens, your wireless call will be terminated. However, if you plug into a charging device, you can continue your call. Be sure to monitor the battery strength icon and make certain your battery is adequately charged.

Your phone's modes

Answer mode

With this option activated, you can select how you want to answer your phone when you receive an incoming call.

Digital mode

Some of your phones features work only in digital service areas, the  icon indicates that your phone is operating in digital mode. If the digital icon is absent, your phone is operating in analog mode.

Input mode

Use input mode to enter text, numbers and symbols into various screens.

Lock mode

When you lock your phone using the Lock Mode menu option, you restrict phone usage. You can receive messages and calls, but you cannot make an outgoing call until your phone is unlocked. You can unlock your phone, by following the prompts and entering the lock code.

Power save mode

Your phone comes with a power save feature that automatically activates 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 automatically rechecks periodically for a signal. To manually force the phone to recheck for a signal, press any key. A message on the display screen will inform you when your phone is operating in the power save mode.

Silent mode

The Silent Mode feature allows you to silence the ringer when in standby mode.

- With the phone in standby mode, press and hold  for 2 seconds. **Entering Silent Mode** displays briefly.
- To exit from Silent Mode press and hold  for 2 seconds. The screen prompt **Exit Silent Mode** displays, and your phone automatically reactivates the previous ringer volume setting. (The silent mode icon is removed from the standby screen.)

Standby mode

Standby mode is the fundamental state of your phone once your phone has found service.

Your phone goes into standby mode:

1. After you power it on.
2. When you press  after a call, if your phone is on.

When in standby mode, you will see:

1. The month/date, and time.
2. All other active icons.

While in standby mode, enter a phone number, and press  to call.

Press END/⏻ at any time to return to standby mode, but be careful; if you are on a call when you press END/⏻, you will return to standby mode and disconnect your call.

Messages can also be received when in standby mode, the alert tone will sound when a new message is received. The menu is accessed when you are in standby mode by pressing MENU .

Talk mode

You can place and answer calls only when your phone is turned on. When you are on a call your phone is in Talk mode. Pressing MENU will display a list of the In-Use menu options.

Vibrate mode

In standby mode:

1. Press the down arrow located on the left side of your phone to adjust the ringer volume  .
2. The vibrate icon  appears on the display.

To change the setting:

1. Press the down arrow located on the left side of your phone to adjust the ringer volume.
2. Your options are: **Off, vibrate, 1 beep, level 1, level 2, level 3, level 4, level 5, level 6, level 7, level 8, and High+Vib.**

   Note: Downloadable ring tones and images may also be available.
3. The vibrate icon no longer appears on the display screen.

Getting Started

Getting service

You must contact your service provider and follow their instructions for obtaining service for your phone. We suggest that you read this user guide to fully understand the services that your phone supports.

Turning your phone on

To turn your phone on:

1. Fully extend the antenna for the clearest reception.
2. Press and hold  for more than two seconds.

   Note: Your phone has a built-in antenna. As with any other radio-transmitting device, do not touch the antenna as it affects call quality and can cause the phone to operate at a higher power level than is necessary.
3. The LED indicator lights and a power-up alert sounds. The name of your service provider momentarily appears on the display screen.
4. The phone begins searching for a network signal. When a signal is found, the date, day, and time appears.
5. Your phone is now ready to place and receive calls.

If the phone is outside of your carrier's coverage or roaming area the  icon displays. If this happens you cannot place or receive calls. You must try later when service becomes available.

Turning your phone off

To turn your phone off:

1. Press and hold  for more than two seconds.
2. The display screen and the backlight go off.

Note: If your phone is on, and  is pressed for less than one second, the phone will not power off. This feature prevents your phone from being turned off accidentally.

Several ways to answer a call

When you receive a call:

- If the caller can be identified, the phone displays "Call from caller's phone number, (or name if pre-stored in your Phone Book)".
- If the caller cannot be identified, the phone displays "Call from Unknown ID".

There are several ways to answer an incoming call.

- Press 
- Press any key
- Open folder
- Set the Auto Answer feature

List of main and sub menus

This list displays the Main menu structure and Message features. It shows the individual sub menus and features assigned to each main menu option.

1. Calls
    - 1:Outgoing
    - 2:Incoming
    - 3:Missed
    - 4:Erase History
        - 1:Outgoing
        - 2:Incoming
        - 3:Missed
        - 4:All Calls
    - 5:Air Time
        - 1:Last Call
        - 2:Total
        - 3:Erase All
        - 4:Lifetime
2. Phone Book
    - 1:Find Name
    - 2:Add New Entry
    - 3:My Phone#
    - 4:Find Entry
    - 5:Group Search
    - 6:Add email
3. WirelessWeb
    - 1:Downloads
        - 1:Get New
        - 2:Manage
            - 1:Ringtones
            - 2:Images
    - 2:Start Browser
    - 3:Prompt
    - 4:Connection
4. Message
    - 1:New Message
    - 2:Inbox
        - 1:Voice
        - 2:Text
        - 3:Web
    - 3:Outbox
        - 1:Sent
        - 2:Stored
    - 4:Delivery
    - 5:MSG Setup

1:General
1:Scroll Timer
2:Msg. Remind
2:New Message
1:Call Back #
2:Save Message
3:Entry Method
4:Delivery Ack
5:Canned Msg.
3:Erase
1:Voice Notif.
2:Received
3:Sent
4:Stored
5:All

5. Voice Dial
1:Record
2:Review
3:Erase All
4:Set Active

6. Calendar
1:Today
2:Month View
3:Jump To Date
4:Task List
5:Countdown
6:Alarm Clock
7:Set Time

7. Roaming
1:Set Mode
2:Set NAM
3:Call Guard

8. Sounds
1:Ringer Volume
1:Calls
2:Messages
3:Alarm
2:Ringer Type
1:Voice Calls
1:with Caller ID
2:No Caller ID
2:Messages
1:Voice Mail
2:Text
3:Web Alerts

- 3:Alarm
- 4:Data/Fax In
- 5:Schedule

3:Key Beep
4:Tone Length
5:Alerts
- 1:Minute Beep
- 2:Service
- 3:Connect
- 4:Disconnect

6:Voice Volume
7:Roam Ringer
8:Power On/Off

9 Setup
1:Display
- 1:Idle Screen
- 2:Backlight
- 3:Banner
- 4:Auto Hyphen
- 5:Contrast
  - 1:Main LCD
  - 2:Front LCD
- 6:Version

2:Security
- 1:Lock Phone
- 2:Change Lock
- 3:Special #s
- 4:Erase PBook
- 5:Reset Phone

3:Call Answer
4:Auto Answer
5:Language
6:Calculator

0. Games
1:Push Push
2:Fly Ribbon
3:Spider Hunter

In Use
1:Mute
2:Calls
3:Phonebook
4:3-Way Call
5:Messages
6:Calendar
7:Version

Using your phone's menus

Your phone offers a range of functions that allow you to tailor the phone to your personal requirements. These functions are arranged in menus and submenus.

The menus and submenus can be accessed by using the navigation key or using shortcuts.

Accessing menus using the navigation key

- Menu options are numbered but can also be accessed by using the navigation key.
- Press right to view the **WirelessWeb** options.
- Press down for the **Find Name** option.
- Press left for **Month View**.
- Press up for the **Find Entry** option.

Returning to the previous menu

When using the navigation key you can return to the previous menu at anytime. To do this:

- Press 

to return to the previous menu.
- Press

to exit the menu without saving the setting.

Accessing menus using shortcut numbers

All main menus, menu levels, and menu content items are assigned numbers. All menus and their contents can be accessed using these "Shortcut" numbers.

The following steps are a sample exercise to access games:

1. In standby mode, press  to access the main menu.
2. Press  for **Games**.
3. Press  for **Push Push**.
4. Press  to start.

Calls

Outgoing

To place a call press  to power on your phone. The phone first shows an animated sequence and the icons discussed earlier display, this indicates your phone is on. (No dial tone will be heard). This is called standby mode.

1. Enter the phone number you want to call (up to 32 digits), by pressing the number keys. The phone numbers display from left to right.
2. Press  to place a call to the entered phone number.

Incoming

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

- An animation message
- The backlight illuminates
- The red LED indicator 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
- The calling party ends the call
- The call is sent to voicemail

Your phone provides the following voice call notification features:

- Eight ring volume settings including 1- beep, vibrate, or silent.
- Ring types and melody tones
- Name display with Caller ID. (If the caller's name is programmed into your Phone Book.)
- Automatic storage of an incoming call's information to a call log. (The last 10 calls you answered are stored in an Incoming call log list and the last 10 calls you missed are stored in a Missed call log list)

Missed

Your phone keeps a list of calls that you did not answer when the phone was active and service available. The phone indicates a missed call by displaying a text notification on the screen. Additionally, if caller information is available, a Missed call entry is created, and the screen displays the phone number of the most recent missed call.

Your phone has several convenient options for when you miss a call:

- Press 

to call the displayed number.
- Press 

to clear the Missed Call message from the display.
- View your Missed calls log.

Erase history

You can erase any one of the call directories (Outgoing, Incoming, or Missed), or you can erase all three directories.

To erase all directories:

1. In standby mode, press MENU to display the main menu.
2. Press 1 for the **Calls** menu.
3. Press 4 GHI for **Erase History**. The available options are:
   - **Outgoing**
   - **Incoming**
   - **Missed**
   - **All Calls**
4. Press 4 GHI for **All Calls**.
5. Press left for **Yes** to erase all your call directories, or right for **No**.
6. Press OK to save.
7. Press CLR to return to the previous menu.

Reviewing calls

To review your calls:

1. In standby mode, press MENU to display the main menu.
2. Press 1 for **Calls**.
3. Press the number associated with the call log 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 **Erase History**.
   - Press 5 JKL for **Air Time**.

4. When the call log option displays, press  to locate the call information you require. If there is a Phone Book match, the name displays. If there is no Phone Book match, only the phone number will display.

5. When your selection is highlighted you can:

   - Press  to be connected to that party.
   - Press  to review all the available call information (name and phone number [if available] and time/date stamp.)
   - Press  for more options.

6. Press  to exit, and return to the previous screen.

Keeping track of call activity

Your phone saves a record of calling activity that permits you to easily return calls.

Your phone retains the following call directories in memory:

- **Outgoing:** The last 10 calls placed from your phone.
- **Incoming:** The last 10 calls placed to your phone.
- **Missed:** The last 10 calls placed to your phone that you did not answer.
- **Erase History:** The last 10 calls you chose to erase from your call log.
- **Air Time:** The talk time spent on your calls.

Air time

Your phone records (or history), the amount of air time, or talk time used for all calls.

To view Air Time from standby mode:

1. In standby mode, press  to display the main menu.
2. Press  for **Calls**.
3. Press  for **Air Time**.

4. Press  to highlight an option. The available options are:

   - **Last Call**
   - **Total**
   - **Erase All**
   - **LifeTime**

5. Press  to open an option, or press  to cancel, and return to the previous screen.

Last call

Last call allows you to review the amount of time spent on the last call you made.

1. In standby mode, press  to display the main menu.
2. Press  for **Calls**.
3. Press  for **Air Time**.
4. Press  for **Last Call**. The amount of time spent on your last call displays.
5. Press  to return to the previous display screen.

Total

Total air time is the cumulative amount of time the phone has been used since the total air time was last erased. Air time for all incoming and outgoing calls is saved here. This feature is not intended for billing purposes.

1. In standby mode, press  to display the main menu.
2. Press  for **Calls**.
3. Press  for **Air Time**.
4. Press  for **Total**.

The screen displays the total number of calls, and the total air time for calls made and received since you last set the **Total** air time to zero (by using the **Erase All** option.)

5. Press CLR to return to the previous display screen.

Erase All

If you choose the Erase All option, the counter for all air times with the exception of LifeTime, will be set to zero. The counter will begin counting the next time you make or receive a call.

To erase your total air time:

1. In standby mode, press MENU to display the main menu.
2. Press 1 for **Calls**.
3. Press 5 for **Air Time**.
4. Press 3 for **Erase All**.
5. Press to highlight **Yes** or **No**.
6. With **Yes** highlighted, press OK to erase all airtime and return to standby mode, or press CLR to cancel the operation and return to the previous display screen.

LifeTime

LifeTime air time is the amount of time the phone has been used since it was first activated. Air time for all incoming and outgoing calls is saved here. This feature is not intended for billing purposes.

Note: You cannot erase any information created by this option.

1. In standby mode, press MENU to display the main menu.
2. Press 1 for **Calls**.
3. Press 5 for **Air Time**.

4. Press 4 GHI for **LifeTime**.

The screen displays the total number of calls made from this phone, and the total amount of air time used since this phone was set-up. This information cannot be erased.

5. Press CLR to return to the previous display screen.

Call waiting

Your phone beeps when another call is coming in.

To answer this call:

1. Press SEND. When connected, ask them to remain on the line or, request to call back later.
2. Press SEND and they will be placed on hold.

You are now connected to your original call. You can press SEND to alternate between calls.

Caller I.D.

This feature allows you to see who is calling you by displaying the callers number when the phone rings. If the callers name and number are stored in the phone book, the name also displays. You can also block your number from being displayed on another phone by enabling the call block feature.

To activate call block:

1. Press * Shift 6 MNO 7 PQRS.
2. Enter the phone number and press SEND.

Note: To block your number permanently, contact your service provider.

Three way calling

To place a three way call:

1. Call the first party, and press SEND. When connected, ask them to remain on the line, press SEND and they will be placed on hold.
2. Call the second phone number, and press SEND.
3. When the second party answers, press SEND and all parties will be connected.

> **Note:** You may need to contact your service carrier to set up Call waiting, Caller I.D., and Three way calling.

Phone Book

Your phone permits you to store up to 500 numbers and names in the Phone Book. Each entry can have up to 6 associated phone numbers and one e-mail address. Each entry can contain up to 32 digits including hard pauses, with an associated name of up to 12 characters. (Name entry is optional). You can specify the memory location of your choice for each entry. Memory locations can be marked Secret preventing unauthorized viewing.

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.

To access your Phone Book:

1. Press MENU for the main menu.
2. Press 2 ABC for **Phone Book**.

Use the instructions given in the following subsections to manipulate your Phone Book.

Find name

This option allows you to find a stored name (alphabetically) in the Phone Book and place a call to that name.

1. In standby mode, press MENU to display the main menu.
2. Press 2 ABC for **Phone Book**.
3. Press 1 for **Find**.
4. Press to highlight the name.
5. Press OK to select the name. The display screen shows the phone number and E-mail address (if available) associated with the name.
6. Press SEND to place the call.
7. Pressing CLR returns you to the previous screen.

Add new entry

To add a new entry:

1. In standby mode, press MENU to display the main menu.
2. Press 2 ABC for the **Phone Book**.
3. Press 2 ABC for **Add new entry**.
4. Input your information and press OK .
5. You can press CLR to return to the previous menu at any time.

My phone

To display your phone's number:

1. In standby mode, press MENU to display the main menu.
2. Press 2 ABC for the **Phone Book**.
3. Press 3 DEF for **My Phone #**. The phone's number displays.
4. You can press CLR to return to the previous menu at any time.

Find entry

This option allows you to find a stored entry by location number.

1. In standby mode, press  to display the main menu.
2. Press  for the **Phone Book.**
3. Press  for **Find Entry.**
4. Press  to highlight by **Entry.**
5. Press  to select the entry. The entry information is displayed.
6. Press  to highlight the phone number.
7. Press  to call the number.

Group search

This option allows you to find a stored entry in a related group.

1. In standby mode, press  to display the main menu.
2. Press  for the **Phone Book**.
3. Press  for **Group Search**.
4. Press  to highlight a Group**.**
5. Press  to select the entry. The entry information is displayed.
6. Press  to highlight the phone number.
7. Press  to call the number.

Setting secret

This feature allows you to keep certain numbers in your **Phone Book** confidential so that others cannot access them.

1. From the **Phone Book** (option) screen, press  to highlight **Secret**.
2. Press  to highlight **Secret On** or **Secret Off**.
3. Press  .

Note: All Phone Book entries can be made secret. If you access the entry later, you will be prompted to enter your 4-digit user lock code.

Editing phone book numbers

Once stored in the Phone Book, an entry can be changed quite easily.

To change a Phone Book entry:

1. In standby mode, press MENU to display the main menu.
2. Press 2 ABC for **Phone Book**.
3. Press 1 for **Find**.
4. Press to highlight the entry requiring editing.
5. Press OK . The existing phone number is highlighted.
6. Press MENU and to highlight the **Edit** option.
7. Press OK . The **Phone Book** (option) screen displays.
8. Press OK to save your changes.

Note: Press CLR until the existing number is deleted. Enter the new number. (You can enter up to 32 digits.)

Overwriting existing name and number information

You can overwrite existing information using separate actions in both the name and number fields. Follow these instructions:

1. At the **Phone Book** (options) screen, press the to highlight an existing name or number field. When highlighted, press MENU .
2. To overwrite, press CLR , until you clear the existing name or number.
3. Enter the new information.
4. Press OK again to save your entry.

Adding pauses

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.

- **P pause:** A hard pause stops the calling sequence.
- **T pause:** A 2 second pause stops the calling sequence for 2 seconds and then automatically sends the remaining digits.
- **Hyphen:** Places a hyphen between characters.

Note: Multiple 2 second pauses can be entered to extend the length of a pause. For example, 2 consecutive 2 second pauses cause a total pause time of 4 seconds. However, keep in mind that pauses count as digits towards the 32 digit calling 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 

. The pause menu options display.
3. Press  to highlight one of the three pause menu options offered.
4. Press 

to select an option.
5. When the number and pauses are complete, press 

to store the number in your **Phone Book**.

Pause dialing from a stored entry

To pause dial from the Phone Book:

1. If you stored the number using (2 second) T pause(s), simply call the number from the Phone Book.
2. If you stored the number using (hard) P pause(s), call 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.).
3. Press SEND to call the number.

Manual pause calling

To manually call a number with pause(s) without storing to the Phone Book:

1. Enter the phone number of the service you want to call (such as a bank's teleservice phone number). Begin by entering the number 1.
2. Press MENU to display the pause **Menu** options. Press to locate the pause option of choice and press OK to activate. Continue in this manner until you enter the complete number with pause(s).
3. Press SEND to call the number.

Note: Storing pauses is convenient if you plan to call the number frequently.

Erasing individual phone book entries

To erase an existing entry from either the **Find by Name** or **Find by Entry** option.

1. In standby mode, press MENU to display the main menu.
2. Press 2 ABC for **Phone Book.**
3. Press 1 for **Find.**
4. Press to highlight the information and press OK .

5. Press MENU to display the following menu options:

   - **Send**
   - **Add Phone#**
   - **Edit**
   - **Prepend**
   - **Erase**
   - **Send MSG.**

6. Press to highlight the **Erase** option.
7. Press OK . The phone prompts **Yes** or **No**.
8. Press to highlight your option.
9. Press OK to confirm (Yes) and erase the **Phone Book** entry, or press CLR to cancel (No) the **Erase** command.

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 need to erase all of your phone numbers.

1. In standby mode, press MENU to display the main menu.
2. Press 9 WXYZ 2 ABC for **Security**. Enter your current 4-digit lock code.
3. Press 4 GHI for **Erase PBook**. A confirmation message displays asking if you still want to **Erase**.
4. Select **Yes** and press OK to erase the **Phone Book entirely,** or press CLR to cancel the operation. **Erasing Phone Book** displays. The phone then returns to standby mode.

Editing an existing e-mail address

To edit an existing e-mail address:

1. In standby mode, press MENU to display the main menu.
2. Press 2 ABC for **Phone Book**.
3. Press 1 for **Find**. The **Phone Book** displays.
4. Press ▼ to highlight the entry and press OK .
5. Press MENU , and select the **Edit** option. The Phone Book (options) screen displays. Edit the existing E-mail address.
6. Press OK to save.

Setting speed dial

For each name entered in the Phone Book, the option of designating a Speed Dial number is available.

1. In standby mode, press MENU to display the main menu.
2. Press 2 ABC for **Phone Book**.
3. Press 1 for the **Find**.
4. Press ▼ to highlight your entry.
5. Press OK to display that entry's phone number.
6. Press MENU for options.
7. Press ▼ to highlight the **Edit** option.
8. Press OK . The **Phone Book** (options) screen displays.
9. Use the keypad to enter the associated **Speed dial** number.
10. Press OK to continue, following the prompts, or press CLR to cancel and return to the previous screen.

Storing incoming 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 unavailable, then the store option will also be unavailable.

1. Once you have pressed END/⏻ to end your call, the screen displays the call time (length of call), phone number and name of the party (if available).
2. Press OK .
3. Follow the prompts to save the number.

Storing phone numbers from call logs

To store a phone number from the call logs:

1. In standby mode, press MENU to display the main menu.
2. Press 1 for **Calls**.
3. Press 1 for **Outgoing**, 2 ABC for **Incoming**, or 3 DEF for **Missed calls**.
4. Highlight the number you want stored in the **Phone Book** and press OK .
5. Press MENU for menu options, navigate to highlight **Save.**
6. Press 6 MNO to store the phone number to the **Phone Book**.

Shortcuts to storing phone numbers

You can store a phone number by entering the number, and pressing OK . Follow the screen prompts to designate other information. You can also save a number after an incoming or outgoing call.

One-touch dialing

Memory locations 001 through 009 are special One-Touch locations. You can call the phone numbers stored in the Phone Book memory from 001 through 009 by pressing one key. For example, for location number 001. Press and hold 1 until the name and number are displayed and called.

Two-touch dialing

Memory locations 010 through 099 are special Two-Touch locations. For example, for location number 013, press 1 and hold 3 DEF until the name and number are displayed and called. To dial the number 100, Three Touch dialing is required.

Three-touch dialing

Memory locations 100 through 500 are three-Touch locations. For example, for location number 113, press 1 1 and hold 3 DEF until the name and number are displayed and called. To dial the number 100, Three Touch dialing is required.

Shortcuts to memory dialing

Speed Dialing:

1. From standby mode, enter the entry's **Speed Dial** number.
2. Press SEND to call.

Navigating to the number:

1. From standby mode, press MENU for main menu.
2. Press 2 ABC for **Phone Book**.
3. Press 1 for **Find**.
4. Use the navigation key to highlight the entry.
5. Press SEND to call that entry's **Speed Dial** number.

Memory

This features saves voice and dial calls in memory. You can save up to 500 automatic dial in your Phone Book and up to 20 in Voice Dial.

Messages

Your phone comes equipped with several ways to send and receive messages.

Mobile originating SMS text messaging

Note: Check with your service provider to confirm availability of this service.

Your phone is able to send and receive text messages. When a message is received, your phone will sound an alert tone (unless turned off) and a new message pop-up window displays on the screen.

Note: This memory is shared between all messages. 16KB of memory is available for messages. The number of messages that can be stored is dependent upon the length of the messages. Messages that you send can contain a total of 160 characters.

Creating SMS text messages

1. In standby mode, press MENU 4 GHI (press 5 JKL when in-use) to display **Message.**
2. Press 1 for **New Messages**. The screen displays **Message To:**.
3. Enter the destination phone number and press OK.
4. Enter the message using the keypad and selected method of entry. When finished, press OK.
5. Press:
   - SEND to send the SMS message.
   - OK to Save the SMS message.
   - CLR to edit the SMS message.
   - END/⏻ to discard and quit.

To continue, select from the following two menus:

6. Press  .

7. Press  to highlight the **Options** menu and press  . Select from the following options:

- **Priority:** Allows you to assign a priority to your messages.
  - **Urgent**
  - **Normal**
- **Validity:** Allows you to select the period of time you want the message to be available to the recipient.
  - **Always**
  - **30 min.**
  - **1 hour**
  - **2 hours**
  - **12 hours**
  - **1 day**
  - **2 days**
  - **3 days**
- **Send Later:** Allows you decide when you want your message sent.
  - **Now**
  - **30 min.**
  - **1 hour**
  - **2 hours**
  - **12 hours**
  - **1 day**
  - **2 days**
  - **3 days**
- **Delivery Acknowledge:** If this is set on, **Message Save** will notify you if the message was successfully delivered.
- **Message Save:** Provides options on how your message is saved.
  - **Save Outbox**
  - **No Save**

8. Press  to highlight the **Action** menu and press  . Select from the following options:

- **Send:** Allows you to send the message.
- **OK:** Allows you to save the message.
- **CLR:** Allows you to return to the previous menu.
- **END:** Allows you to cancel the message and end the session.

Entering text, numbers, and/or symbols

At various times when using your phone, you will need to enter text in the display screen. Some examples would be: adding an E-mail address, storing a name in the Phone Book, entering events in the Scheduler, or inputting text messages. If you want to enter text on the display screen.

1. When you are entering events, numbers, or text in your phone select  to view the menu options:

   - **T9(English)**
   - **Alpha**
   - **Symbol**
   - **Number**
   - **.COM**
   - **.NET**
   - **Exit**

2. After you are in the correct menu, use the navigation key to highlight your option, then press  to save. Enter your information. You can:

- Press  to insert a space.
- Press  to clear the last number, letter, or symbol, or Press and hold  to completely clear the input field.

To change the input mode again:

1. Press  to view the options.
2. Press  to highlight your choice.
3. Press  to save.

- **T9(English):** This is the predictive word entry mode. You can quickly and easily enter frequently used words.
- **Alpha:** This is the text entry mode.
- **Symbol:** Symbol entry is used with number keys and associated symbols.
- **Number:** This is the number entry mode.
- **.COM** and **.NET:** These are used URL's

Alphabetical text entry

Alphabetical text entry characters may be entered in ABC mode, by pressing the corresponding key to the letter 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  .

Entering numbers

This mode enables you to enter numbers into a text message.

Symbol entry

Symbol mode enables you to enter symbols into a text message. Use  to display the options, then press the navigation key up/down to select the symbol option. When displayed, use the navigation key to manipulate the symbols. When in Symbol input mode, press the key shown on the display under the required symbol.

T9® English text entry

T9 English, or T9 for text on 9 keys, requires only one key press per letter, and recognizes the most commonly used word of a number 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 recognizes the most commonly used word for that number sequence is hello. If two or more words share the same number sequence, T9 provides the most commonly used word, with the ability to navigate to the next most commonly used word by pressing 0 Next.

Press 0 Next repeatedly to display all of the available words that T9 knows. When the word you need displays, continue to enter text in the same way, or change to another text or character entry mode.

Note: To type words not found in the T9 mode, change the text input mode to ABC mode. You can include numbers between letters without exiting the T9 input mode by pressing and holding the desired number key.

New messages

You can create text or e-mail messages to send to another party. Each message can be sent to up to 10 numbers or E-mail addresses at a time. Message options allow you to set a priority, validate a time period, or send a message after a specified time. You can also file draft messages yet to be sent, into a folder, or save sent messages to the Outbox to review their delivery status.

Note: Sending messages is only supported in digital networks. This feature will only be available if your service provider's network supports it.

Note: Once you begin entering data, the number of characters available will be displayed on the screen.

1. In standby mode, press MENU 4 GHI (press 5 JKL when in-use) to display **Message.**
2. Press 1 for **New Messages**.
3. The screen displays **Message To:**
4. Press MENU to view your text entry options.
5. After finding and entering the **Message To:** information, press OK to go to the **Message** body.

6. Enter your message data, (press  to select your text entry mode), when finished, press  to return to the **New Message** menu.
7. If the same message is to be sent to multiple recipients, press  to go to the **Message To** menu.
8. Press  and enter the number you want to send.
9. Press  when finished.
10. To add additional recipient addresses, repeat the above steps. The multiple destinations entered will be updated on the **Message To** screen.
11. Press  at any time to despatch the information.

Inbox

Your phone can store text messages in your inbox.

To view your messages:

1. In standby mode, press   (press  when in-use).
2. Press  to open the Inbox
3. Highlight the message you want to view using the  .
4. Press  . The phone displays the message contents.

5. While viewing your message press  to access the following options:

- **Callback**
- **Reply**
- **Forward**
- **Save addr**
- **Erase**
- **Detail**
- **Save cb#**

Outbox

Your phone stores messages in Outbox, regardless of whether the message was successfully transmitted. If No Save was not set in the Save Message setting under Msg Setup, you can review, resend, or delete any message stored in the Outbox. You can also verify if a message or E-Mail was successfully transmitted, and at what date and time by opening the Delivery Acknowledgement feature.

Reviewing outbox

To review outgoing messages:

1. In standby mode, press  (press when in-use) to display the **Message** menu.
2. Press  for **Outbox**. A list of messages displays.
3. Using the  , highlight the message you want to review and press  to select it.
4. Press  for further options. A **Sent Msg** menu will display.

- Select **Re-send** to resend the message, press  to resend with the same message settings.
- Select **Erase** to delete the message from **Outbox**.

Message memory capacity

Your phone can store up to 16K or 94 messages. The storage capacity includes all received, sent, filed message types, VMN (Voicemail Notification), and text messages. The number of messages stored, depends upon the length of each message. When message memory reaches over 75% capacity, the screen displays a text notification. At 100% capacity, the screen displays a text notification and rejects additional incoming messages until you erase the stored messages from Inbox, Outbox or Filed Msg.

Messages and lock mode

Incoming messages are received even when your phone is in Lock Mode. 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.

Web

Your phone alerts you with incoming browser messages. When a new message arrives, your phone will display a text notification together with an audible alert.

You can access Web Alert from the Message menu:

1. In standby mode, press MENU 4 GHI (press 5 JKL when in-use) to display the **Message** menu.
2. Press 2 ABC 3 DEF for **Web**.
3. Press OK to complete the action.

Note: Contact your service provider for availability.

Erase message

1. In standby mode, press MENU 4 GHI (press 5 JKL when in-use) to display the **Message** menu.
2. Press 5 JKL 3 DEF for **Erase Msg**.
3. Press ⊟ to highlight an option.
4. Press OK to complete the action.

Message setup

1. In standby mode, press MENU 4 GHI (press 5 JKL when in-use) to display the **Message** menu.
2. Press 5 JKL for **Message setup**.

You can preset a number of options for general settings or new messages. The message indicator is displayed and remains on the screen until you listen to the new voicemail message, read the **New BrowserMsg** or **Text Msg.**

Scroll timer

Scroll Timer allows you to select the amount of time you would like your scroll to be available before closing.

Msg. Remind

Message Reminder allows you to select the number of times you would like to be reminded that you have a message.

New message

Offers a number of options. Each option offers different features.

Callback #

Press SEND to automatically call the number displayed on the screen.

Save Message

You are offered two options. Select OK to save the setting.

Auto Save On/Off - automatically saves the created message to the **Outbox** after the message is transmitted.

Entry Method

You can navigate between **Alphabet** and **T9 Word** (predictive keypad) for the default setting. Select OK to save the setting.

Canned Msg.

Canned messages are pre-programmed into your phone. You can select the number that is associated with each canned message, and press MENU to edit.

Once you are done editing your **canned message**, press OK to save.

Receiving a message in standby mode

When your phone receives incoming messages in standby mode, the ringer sounds, (unless it is turned off), and the screen displays: **New Voicemail**, **New Text**, **New Page** or **New BrowserMsg**. The message icon is displayed, and remains on display until you listen to, or read, the new message.

Receiving a message while on a call

You can easily review the new message while on the call by just pressing OK. Your call will not be disconnected, and you can ask the other party to wait while you review the message.

Reviewing voice mails and text messages

When a message arrives, you can recall the sender's call back number if it is available, by pressing SEND. To review the message, press OK. The **Inbox Msg** list provides options for reviewing the sender's name, number, date and time information, and the message.

Reviewing stored voicemail and text messages in standby mode

1. In standby mode, press MENU 4 GHI, to display the **Message** menu. The number of received or sent messages displays next to the associated message type in the menu.
2. Press 2 ABC 1 for **Voice**. The date and time for the last voice mail message received display with a notification of the number of new voice mail messages.
   - You can press SEND to call your mail box directly to review voice mails.
   - You can press 2 ABC for **Inbox**. A list of messages displays.
   - An exclamation point (!) next to an entry number indicates an urgent message.
   - An asterisk (*) next to an entry number indicates that the message has not been read.
3. Use the to highlight the message you want to review, press OK to open it.
   - While reviewing the message, you can press the to locate message information such as: date and time, sender's call back number, senders number, E-Mail address, and message. However, if you wait a few seconds the phone will automatically scroll through the display.
4. Pressing CLR returns you to the previous screen.

Note: Press MENU for further options when reviewing a message. When in standby mode, press and hold 0 + to automatically dial voice mail.

Message options

When reviewing Messages, the menu provides a number of options. You can return a call or text message to the phone number, or e-mail address in that message, or you can forward the message to another.

1. In standby mode, press MENU 4 GHI (press 5 JKL when in-use) to display the **Message** menu. A number of received or sent messages displays next to the associated message type in the menu.
2. For **Text** messages use the navigation key to locate the message you want to review, press OK to open.
3. Press MENU to view the following options:
   - **Call Back:** Automatically calls the number found in the message.
   - **Reply:** to reply to the sender. The phone accesses the New Message menu and copies the sender's originating address to the Send To field.
   - **Forward:** to forward the message to another. The phone accesses the New Message menu, and copies the sender's message (body) to the Message field.
   - **Save addr:** to save the sender's e-mail address to the Phone Book. The address is automatically copied into the Add Entry or E-mail Entry field.
   - **Erase:** to delete the message from the Inbox.
   - **Detail:** Displays the date and time the message was sent and received. Also displays the encoding information.
   - **Save cb#:** to save the call back number to the Phone Book. The number is automatically copied to the Add Entry field.
4. Pressing CLR returns you to the previous **Inbox** messages list screen.

Ringer type — Message

To activate, view or change the ringer type for messages:

1. In standby mode, press MENU to display the main menu.
2. Press for 8 TUV **Sounds**.
3. Press 2 ABC **Ringer Type**.
4. Press 2 ABC **Messages**.
5. Press 1 for Voicemail, 2 ABC for Text, or 3 DEF for Web Alerts.

6. Press  the to highlight the message ringer type you are changing.
7. Press  .
8. Use  the to hear tones. Each tone plays as you navigate through the options.
9. When the desired ringer is played, press  to save the setting.

Note: You can press to return to the previous menu at any time.

Mobile web

Your phone comes equipped with Wireless Web Internet access through a MiniBrowser. The MiniBrowser displays immediate information through your phone. You can view specially designed versions of popular sites which include sports, weather, news, stock quotes, etc. Browsing the Web through your phone is not the same as using your PC since site providers have only selected certain aspects of the available sites to present to the 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 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. For further information contact your service provider.

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 automatically be re-connected to the Internet.

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

Launching the minibrowser

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

Note: When the security key is initially sent to the carrier, a unique value is created. If the phone is reset for any reason, you must contact the carrier to reset the security key. The original key is no longer valid and will not allow the MiniBrowser to operate.

To launch the MiniBrowser.

1. In standby mode, press  to the right, or press   . You will see the following options:

   - **Downloads:** To downloads images and ring tones.
   - **Start Browser:** To go directly to the browser.
   - **Prompt:** Provides options on whether you want to be prompted before you enter the web, at the end of your session, both, or not at all.
   - **Connection:** This option allows you to setup your phone for incoming fax only, incoming fax once only, incoming data once only, data only or to turn the data/fax off for voice calls only.

2. Once connected, the Home Page (or the last page visited), displays. Press and hold  to access the MiniBrowser. An example of a **Home Page** is shown below:

WEB HOME PAGE

1. Financial
2. Traffic
3. Travel
4. Weather
5. Sports
6. Entertainment
7. Games
8. Shopping
9. Portals

Note: What appears in the display window is dependent upon the service provider content. To view additional text, use the  .

Exiting the web/minibrowser

Press  to exit the Web.

If the **Prompt to end** or **Prompt both** option is selected in the MiniBrowser setup (  ), a prompt asking if you want to end the MiniBrowser call is displayed.

The minibrowser start and end prompts

Your phone can be set to view a prompt each time you start or end a MiniBrowser session. You have the option to change this default prompt setting. The default setting may differ as it is based upon the carrier's requirement.

To change the settings:

1. In standby mode, press the  or press   for **Mobile Web.**
2. Press  for **Prompt**.
3. Press  to highlight your option:
   - **None:** This prompt is never displayed.
   - **To Start:** You will see this prompt when you enter the browser, but not when you exit it.
   - **To End:** You will see this prompt only when you exit the browser.
   - **Both:** You will be prompted when you enter or exit the browser.
4. Press  to save your setting or press  to cancel.

The minibrowser soft keys

At the bottom of the MiniBrowser display is a solid bar which contains the browser commands. The "soft" keys (OK HOME) appear below the solid bar and 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 web

When you use the MiniBrowser, some of the keys on your keypad will operate differently than during a normal phone call.

The MiniBrowser presents on-screen items in any of the following ways:

- Text or number input
- Links (embedded in content)
- Numbered options (some options may not be numbered)
- Simple text

You can act on the options or links by using the soft keys.

How the minibrowser keys work



Navigation key: Use this key to find and select all of your options.



OK / message: This key is used primarily for selecting the highlighted item.



CLR: This key performs two functions:

- It is used as a browser back-up key. Pressing it once backs you up one page. Pressing and holding it down backs you up to the carrier's **Home Page**.
- It also clears entered text or numbers. When entering numbers or text, press it to clear the last number, letter, or symbol. Press and hold it down to completely clear the input field.



Asterisk / Shift: Press this key before entering text to create upper case characters. You can also use this key to move back one space on the display screen.



0/Next: Press this key to enter a 0, or to move to the next word when in T9 predictive word entry mode.



Pound/Space: Press this key to insert a space when entering text.



Numbers 1 - 9: If items on a menu are numbered, these keys can be used to select them.



END: Press this key to exit the MiniBrowser and return the phone to standby mode.



MENU: This key can be used to enter the MiniBrowser menu at any time.



SEND: This key can be used to send a call.

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 call the number. In most cases you can also use 

to call 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.

Data/fax

Your phone is capable of sending and receiving digital data and fax calls when connected to a computing device (laptop, desktop, hand held, palmtop, etc.) running the Windows or Windows NT operating system. Your 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 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 phone with your computing device.

To set up Data/Fax calls:

1. In standby mode, press 

to display the main menu.
2. Press 

for **Wireless Web**.
3. Press 

for **Connection**. The **Data Mode** screen displays.
4. Use  to select an option. The options are:
   Voice Calls Only, Fax One Time, Fax Only, Data One Time, and **Data Only.**

5. Press OK to save your option of choice.
6. Pressing CLR returns you to the previous screen.

- **Voice Calls Only:** No incoming Data/Fax calls can be received.
- **Fax One Time:** Waiting for Fax call. No voice calls can be received for next 10 minutes.
- **Fax Only:** No Voice Calls can be received.
- **Data One Time:** Waiting for data call. No voice calls can be received.
- **Data Only:** No voice calls can be received.

Note: The phone must be on a digital network to receive or send faxes and data. When you are in a digital network, the D icon is displayed.

Receiving a fax

1. In standby mode, press MENU to display the main menu.
2. Press 3 DEF for **Wireless Web**.
3. Press 4 GHI for **Connection**.
4. Use the navigation key to highlight **Fax Only.**
5. Press OK to save this option.

In the Fax program on your PC set up **Answer Mode**. Click on Receive and select either **Automatic Receive** (recommended), or **Manual Receive**. Your phone is now ready to receive an incoming fax.

Note: Once you have set your phone's mode to fax for next call, you cannot receive regular voice calls until you change back to voice calls only, or a fax is received.

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.

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 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

To change your phone back to voice calling:

1. In standby mode, press  to display the main menu.
2. Press  for **Wireless Web**.
3. Press  for **Connection.**
4. Use  to highlight **Voice Call Only.**
5. Press  to save this option. The screen displays **No incoming Data/ Fax calls can be received.**

Calendar

The Calendar allows you to add events in a calendar. They can be viewed at anytime. You can also set an alert to remind you of your plans.

1. In standby mode, press  to display the main menu.
2. Press  for **Calendar**.
3. Press  to highlight an option. The available options are:
   - **Today**
   - **Month View**
   - **Jump To Date**
   - **Task List**
   - **Count Down**
   - **Alarm Clock**
   - **Set Time**
4. Press  to open that option**.**

Today

You can schedule up to 9 events for the current day by indicating each event's start and end time. You can be alerted by an alarm before an event is to commence. Events that are scheduled for future dates automatically appear on your Today events schedule on that particular day.

Month View

Scheduler functions allow you to schedule personal events and view them in an easily read format.

How to schedule an event

1. In standby mode, press  to display the main menu.
2. Press  for **Calendar.**
3. Press  for **Month View**.
4. Press  to select **View,** or **Add New**.

5. Press  to view your options.
6. Press  to highlight an option.
7. Press  to select that option.

   Note: Press and hold  to navigate between text entry modes and number icons, making it easier to enter information in the correct format.

8. Enter the event. (Up to 32 characters can be entered.)
9. Press  to continue. The **Time/Date** screen displays.
10. Add the start time and date using the keypad.
11. Press  to display the next screen. Add the end time and date.
12. Press  , an alarm screen is displayed. Use the navigation key to highlight an alarm to notify you of your event. The options are: **No alarm, On time, 10Min before, 30Min before, 1Hour before.**
13. Use the  to locate the option and press  to save. The phone prompts that the information is **Stored**.

How to add, edit, or erase an event

1. In standby mode, press   for the **Calendar**.
2. Press  to display **Today.**
3. Press  .
4. Press  for the following options:

   - **Add New:** Allows you to add an event
   - **Edit:** Allows you to edit an event
   - **Erase:** Allows you to erase an event

5. Press  to select the option of choice, and complete the exercise by following the prompts.

Scheduler

Scheduler allows you to view in calendar format the current month, a past month or a future month. In Scheduler, the current date is highlighted on the calendar. Days with scheduled events are marked with an asterisk(*).

How to view an event

1. In standby mode, press MENU to display the main menu.
2. Press 6 MNO for **Calendar.**
3. Press 2 ABC for **Month View.**
4. A current calendar screen displays. The current date is highlighted.
5. Press the navigation key right/left to select a new date.
6. Press the navigation key up/down to view a new week.
7. Press the navigation key to view a new month.
8. Pressing MENU at a selected date, offers the following options:
   - **View:** Permits you to view the previous entries for that date
   - **Add New:** Permits you to add a new entry for that date.
9. Use the navigation key to highlight **Add New.**
10. Press OK to enter the option.

Jump to date

Jump To Date allows you to specify the calendar date you want to view. You can enter, edit, and/or erase events in your calendar.

Using jump to date:

1. In standby mode, press MENU.
2. Press 6 MNO for **Calendar.**
3. Press 3 DEF for **Jump To Date**.
4. Enter the date you want and press OK.

Task list

The Task List allows you to compile a list of items to be completed. Your phone can store, prioritize and manage twenty Task List items.

Creating a task list item:

1. In standby mode, press  for the **Calendar**.
2. Press  for **Task List**. An **Add To Do** screen displays.
3. Use the navigation key to set the priority for a **Task List** item. Your choices are **High** and **Low**.

How to view, edit, add, or erase a task list item

1. In standby mode, press  for the **Calendar.**
2. Press  for **Task List**. Press  to locate the event you want to change.
3. Press  . Your options are: **Add new, Edit**, and **Erase**. Complete the exercise by following the prompts.

Count down

Count Down allows you to find out how much time will elapse between the time entered and a scheduled event. You can create up to twenty Countdown timers.

-   and  are equal to A.M. and P.M.
- Countdowns can be entered for dates between the years 1980 and 2099.

1. In standby mode, press  for the **Calendar**.
2. Press  for **Count Down**. The screen prompts for a new **Count Down**. Enter a name for your new **Count Down** timer.
3. Press  .

4. Enter the date and time you want to "**Count Down**" to. For example: if today's date is April 1, 2001 and you want to know how many months, days, and hours remain before 7:00 P.M. February 14th 2002, enter the time 07:00 P.M. and the date 02/14/2002.
5. Press OK to store the **Count Down** timer.

How to view, edit, add or erase a count down timer

1. In standby mode, press MENU 6 MNO for the **Calendar**.
2. Press 5 JKL for **Count Down**. Countdown timers display in order of the least amount of time passed since the countdown commenced, and least amount of time remaining until the specified date.
3. Press MENU to open the options.
4. Press OK to select the option. Use the navigation key to find the item you want to change and follow the prompts.
5. Press CLR at any time to exit the exercise.

Alarm clock

Your phone has an Alarm Clock that can be set to go off once, or daily at a specified time.

Once set, the Alarm Clock is easy to change or turn off completely.

To set the Alarm Clock:

1. In standby mode, press MENU 6 MNO for the **Calendar**.
2. Press 6 MNO for **Alarm Clock**.
3. Press — to the option you want to use.
4. Press OK. The **Alarm Clock** menu opens.
5. Using the keypad, enter the time for the alarm to activate. Press OK to store the setting, or press CLR to return to the previous alarm options menu.

Your phone only supports a 12 hour time display, it is necessary to press either  , or  . These keys represent A.M. and P.M. respectively.

Note: Once an alarm is set, an alarm clock icon  displays on the screen in standby mode. When the alarm is turned off the alarm clock icon  is removed.

Calculator

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

To perform a calculation:

Use  to enter a decimal point, and  to change the sign for a number to a negative.

1. In standby mode, press   for **Setup**.
2. Press  for **Calculator**. The Calculator screen displays.
3. Use the keypad to enter the first number in your calculator. (Numbers can be up to 9 digits long.)
4. Use the navigation key to set the operation for your calculator. Your choices are:
   - **[+] Addition**
   - **[-] Subtraction**
   - **[x] Multiplication**
   - **[/] Division**
5. Use the keypad to enter the second number into your calculator.

6. Press  to perform the calculation and view the result, or continue to calculate with the same operator, or change the operator and continue. Every time you change the operator, the previous calculation is performed and the result is displayed as the bottom number on the display screen.

7. Press  to perform the calculation and view the result.

Setup

The following features allow you to personalize your phone.

Display

The following features offered under the Display menu allow you to customize your phone.

- **Idle Screen**
- **Backlight**
- **Banner**
- **Auto Hyphen**
- **Contrast**
- **Version**

Backlight

There are several options for setting the Backlight features.

Press any key and the backlight comes on.

Note: Backlight usage drains your battery faster.

To set the Backlight:

1. In standby mode, press MENU to display the main menu.
2. Press 9 wxyz 1 .,-' for **Display.**
3. Press 2 abc for **Backlight**.
4. Press the (—) to go through the menu options:

   - **Folder open**
   - **30 seconds**
   - **8 seconds**
   - **Off**

5. When the desired setting is reached, press OK to save.

Banner

This option allows you to edit and personalize a banner to display on your phone while in Standby Mode.

Note: Enter the personal greeting using the keypad, Press MENU for **T9(English), Alpha, symbols** and **Number** options respectively

Note: The * Shift key also navigates through the same options in identical order, and can be pressed for upper case characters.

To create a banner:

1. In standby mode, press MENU to display the main menu.
2. Press 9 wxyz 1 .,-' for **Display**.
3. Press 3 def for **Banner**.

   Note: Press and hold CLR to erase an existing banner.

4. Enter your new banner (Up to 12 characters).
5. Press OK to save.

Contrast

The LCD has contrast setting that can help you see the screen better in different lighting conditions.

To set the LCD contrast:

1. In standby mode, press  to display the main menu.
2. Press  for **Display**.
3. Press  for LCD **Contrast**.
4. Scroll between the contrast settings to determine what contrast is most visible to you.
5. When the desired contrast setting displays, press  to save.

Auto hyphen

With the option set to **Yes**, your phone automatically hyphenates numbers. For example: 555-555-5555.

To set the Auto Hyphen option:

1. In standby mode, press  to display the main menu.
2. Press  for **Display.**
3. Press  for **Auto Hyphen**. The **On** and **Off** options display.
4. Press  to highlight an option.
5. Press  to save.

Note: You can press  to return to the previous menu at any time.

Version

You can view both the software version and hardware version running on your phone. This feature is helpful if you need to call your carrier.

Note: You can press  to return to the previous menu at any time.

1. In standby mode, press  to display the main menu.
2. Press   for **Display**.
3. Press  for **Version**. The hardware and software information is displayed.
4. Press  to return to standby mode.

Sounds

Ringer options

Your phone provides a variety of ringer options through the Sounds menu. These options allow you to customize your ringer type and ringer volume settings in order to easily recognize a certain type of incoming call, message or scheduled event.

Adjusting ringer volume (rapidly)

From standby mode, you can adjust the ringer to vibrate, 1-beep, silent, or volume levels 1-8, High+Vibrate using the  key.

Adjusting voice volume during a call

You can adjust the handset as well as the (optional) headset volume during a call by using the  .

Voice volume

To adjust the voice volume option:

1. In standby mode, press MENU to display the main menu.
2. Press 8 TUV for **Sounds**.
3. Press 6 MNO for **Voice Volume**.
4. Highlight your volume choice and press OK .
5. The screen immediately displays the volume icon  the bars of which will change according to the setting chosen, you can also press the  down to change the setting. When the desired setting is reached, press OK to save.
6. Press CLR to return to the previous menu at any time.

Ringer volume

To adjust the volume using the Sounds ringer volume option:

1. In standby mode, press MENU to display the main menu.
2. Press 8 TUV for **Sounds**.
3. Press 1 for **Ringer Volume**.
4. Highlight your option and press OK .
5. The screen immediately displays the volume icon  the bars of which will change according to the setting chosen, you can also press the  down to change the setting. When the desired setting is reached, press OK to save.
6. Press CLR to return to the previous menu at any time.

Ringer type

Ten monotone ringer types and ten melody tones can be found under the ringer type option in the Sounds menu.

Ringer type — Calls

To activate, view or change the ringer type for calls:

1. In standby mode, press MENU to display the main menu.
2. Press 8 TUV for **Sounds**.
3. Press 2 ABC for **Ringer Type**.
4. Press 1 for **Calls**.
5. Use the navigation key to navigate through the 10 monotone ringer types and 10 melody tones. Each tone plays as you navigate through the options.
6. When the desired ringer type plays, press OK to save the setting.

Note: You can press CLR to return to the previous menu at any time.

Ringer type — Alarm

To activate, view or change the ringer type for the alarm:

1. In standby mode, press MENU to display the main menu.
2. Press 8 TUV for **Sounds**.
3. Press 2 ABC for **Ringer Type.**
4. Press 3 DEF for **Alarm.**
5. Press the navigation key to hear tones. Each tone plays as you navigate through the options.
6. When the desired ringer type plays, press OK to save the setting.

Note: You can press CLR to return to the previous menu at any time.

Ringer type — data/fax incoming

To activate, view or change the ringer type for incoming data/fax calls:

1. In standby mode, press MENU to display the main menu.

2. Press 8 TUV for **Sounds**.
3. Press 2 ABC for **Ringer Type**
4. Press 4 GHI for **Data/Fax In**.
5. Use the  to hear tones. Each tone plays as you navigate through the options.
6. When the desired ringer type plays, press  to save the setting.

Note: You can press CLR to return to the previous menu at any time.

Ringer type — planner

To activate, view or change the ringer type for your planner:

1. In standby mode, press MENU to display the main menu.
2. Press 8 TUV for **Sounds**.
3. Press 2 ABC for **Ringer Type**
4. Press 5 JKL for **Schedule**.
5. Use the  to hear tones. Each tone plays as you navigate through the options.
6. When the desired ringer type plays, press  to save the setting.

Note: You can press CLR to return to the previous menu at any time.

Key beep

Key Beep allows you to adjust the tone length and volume level that the keypad generates each time you press a key. The display icon shows up to 5 levels (the loudest setting). No bars indicate that the key beep function is silenced.

1. In standby mode, press MENU to display the main menu.
2. Press 8 TUV for **Sounds.**
3. Press 3 DEF for **Key Beep**.
4. Press the ▲▼ to adjust level or tone.
5. When the desired level or tone is reached, press OK to save the setting.

Note: You can press CLR to return to the previous menu at any time.

Tone Length

1. In standby mode, press MENU 8 TUV for **Sounds**.
2. Press 4 GHI for **Tone Length**.
3. Select **Long** or **Short** using ◄► and press OK.

Alerts

Your phone will beep from time to time, this beep is called an alert beep. Alert beeps can easily be turned on or off. This feature offers the following options: **Minute beep, Service, Connect, and Disconnect.**

Alerts — 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. In standby mode, press MENU to display the main menu.
2. Press 8 TUV for **Sounds**.
3. Press 5 JKL for **Alerts**.

4. In this exercise select the **Minute beep** option. (For other **Alerts** exercises to work correctly, select the appropriate option.)
5. Press the  to choose between **On** or **Off**.
6. When the desired setting is reached, press  to save the setting.

Note: You can press  to return to the previous menu at any time.

Alerts — service

You can set the service alert option to sound an alert when the phone goes in and out of service coverage areas.

Alerts — connect

With this option set to **On**, the phone sounds an alert when your call is connected.

Alerts — disconnect

When this option is set to **On**, the phone sounds an alert when the phone experiences a dropped or a failed call.

Note: You can press  to return to the previous menu at any time. When a call experiences a failed or dropped call, a text message will display. Press  to clear the prompt and return to standby mode. If the dropped call was an outgoing call from your phone, you can redial the number automatically by pressing  twice.

Alerts — roam

When this option is set to **On**, the phone sounds a unique tone when you leave your home service area.

Power on/off

Using this feature you can choose to have sound when you power on and off.

1. In standby mode, press  to display the main menu.
2. Press 8 TUV for **Sounds**.
3. Press 8 TUV for **Power On/Off.**
4. Press  to choose between **On** or **Off**.
5. When the desired setting is reached, press  to save the setting.

Roam ringer

When this option is set to **On**, your phone sounds a unique tone when a call is received in a network service area. This feature is set to **On** by default.

To set the Roam Ringer alert on or off:

1. In standby mode, press  to display the main menu.
2. Press 8 TUV for **Sounds.**
3. Press 7 PQRS for **Roam Ringer**.
4. Press the  to choose between **Normal** or **Distinctive**.
5. When the desired setting is reached, press  to save the setting.

Note: You can press  to return to the previous menu at any time.

Voice

You can call up to 10 stored names simply by speaking one of the names into the microphone.

Voice dial

Your phone features Voice Dial(ing). Using the Voice Dialing feature requires that you first program the phone to recognize the name of the person you are calling.

> **Note:** You can store only one voice dial entry per stored name. You **CANNOT** store multiple entries for a stored name.

Tips on recording names

- Avoid recording similar names phonetically. If you record a name similar to one already stored in voice 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 entry does not properly connect, you may need to record the name and number again.

Record

The phone provides voice prompts and screen displays to guide you through the recording process.

To program the phone for voice calling:

1. In standby mode, press MENU to display the main menu.
2. Press 5 for **Voice Dial.**
3. Press 1 for **Record**. The phone will prompt you to say the name you want to record.

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 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 using the keypad.
7. Press  to save the number.
8. The screen then returns to the **Voice Dial** menu.

Review

To review voice calling entries:

1. In standby mode, press  to display the main menu.
2. Press  for **Voice Dial.**
3. Press  for **Review**. A list of stored names and numbers display.
4. Press  to highlight the desired entry and press  . The recorded name is vocalized.

Erase all

To erase all voice calling entries

1. In standby mode, press  to display the main menu.
2. Press  for **Voice Dial**.
3. Press  for **Erase All.**
4. At the voice and screen prompt, press  to confirm that you want to **Erase All** of the entries. A screen prompt will display when the entries have been erased.

5. Press  at any time to exit without removing any voice entries.

Set active

Voice dialing is always active once you have programmed the phone to accept voice entries and associated the phone numbers. To place voice activated calls, press and hold  . After you hear the voice prompt and the beep, say the name of the person you are calling into the phone or earbud microphone.

1. While in standby, press  to display the main menu
2. Press  for **Voice Dial**.
3. Press  for **Set Active.**

Games

Your phone's software allows you to play the following games:

- Push Push
- Fly Ribbon
- Spider Hunter

Note: Games are also available on-line by launching your minibrowser. Contact your service provider for details.

Key commands

 - Press up repeatedly to go up or forward. Press left to go left. Press right to go right. Press down repeatedly to go backward.

 - Press to begin the game.

 - Press to end the game.

 - Press to end the game.

Push Push

To open Push Push:

1. Press MENU.
2. Press 0 Next for **Games.**
3. Press 1 for **Push Push.**
4. Press OK to start or press MENU for help.

Object

The object of the game is to push the balls into the little house. The ball can be pushed left, right, up, or down. It cannot however, be pushed backwards. There must always be a space to push the ball forward or else the ball is stuck and the level cannot be completed. Two balls cannot be pushed together, only one ball at a time may be pushed. Once the ball has been pushed into the house, another ball can push the house if another house is located behind it. You can go back one move by pressing MENU.

Fly Ribbon

To open Fly Ribbon:

1. Press MENU.
2. Press 0 Next for **Games.**
3. Press 2 ABC for **Fly Ribbon.**
4. Press OK to view **Help**, then press OK to start.

Object

The object of the game is to fly the ribbon through a maze of obstacles. Use the navigation key to control the path of the ribbon. Move the flight path of the ribbon up or down to avoid the wall. The longer the distance, the faster the ribbon goes.

Spider Hunter

To open Spider Hunter:

1. Press MENU to display the menu.
2. Press 0 Next for **Games.**
3. Press 3 DEF for **Spider Hunter**.
4. Press OK to start the game.
5. Select the level by pressing 1 for easy or 2 ABC for hard.

Object

The object of the game is to drop the potted plants on the spiders from the top of the wall. Press 5 to drop the plants. The spiders will attempt to reach the top of the wall. You start out with three hearts. If a spider reaches the top, you loose one heart. When you loose all three, the game is over. A high score is recorded each time you play.

Security

Your phone provides security options, including a user-programmable lock code and emergency/secret phone number features.

To access the Security menu in standby mode:

1. Press MENU 9 WXYZ 2 ABC .
2. Enter the 4-digit lock code **(normally the lock code is the last 4-digits of your phone number)**.
3. Make your selection from the following options:

   - **Lock Phone**
   - **Change Lock**
   - **Special #s**
   - **Erase PBook**
   - **Reset Phone**

Lock phone

Locking the phone limits all outgoing calls except calls to 911 emergency and the three user-programmable emergency/secret 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 secret numbers).

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 9 WXYZ 2 ABC for **Security** and enter your current lock code.
2. Press 1 for **Lock Phone**.
3. Press the to select your 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.
4. Press OK to save the setting.

Unlocking the phone

Enter your phone's lock code (last four digits of the phone number or 0000), and the phone is immediately unlocked.

Calling in lock mode

You can place emergency calls using confidential numbers you program in lock mode.

To place an outgoing call in lock mode:

To call 911 or a confidential number, enter the number and then press 

.

Lock code

The default lock code for your phone is generally 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 





for **Security**. Enter your current lock code.
2. Press 

for **Change Lock**. The screen prompts **Lock code**. Enter a new, 4-digit lock code by pressing the keypad. You will be prompted to **Re-Enter.** Enter the same 4-digit lock code.
3. Press 

to save the new lock code, or press 

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 or memorize the new code.

Special #s

Your phone provides the option of storing three emergency numbers. Each number can be up to 32 digits.

All emergency numbers can be manually called at any time even when your phone is locked or restricted. This can be a useful feature for controlling what numbers can be called from your phone.

> **Note:** Emergency number 911 is hard-coded into your phone. You can dial these numbers and press  at any time, even when the phone is locked or restricted. If you call 911 an audible tone is heard and an **Emergency** prompt is displayed during the duration of the call.

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 calling 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.

Storing Special #s

To store emergency numbers:

1. Press    for **Security**. Enter your current lock code.
2. Press  for **Special #s**.
3. Press   or  to select from the three entry openings.
4. Enter the special number. Up to 32 digits can be entered for each number.

5. Press OK/SEND to save the number entered.
6. Press CLR to exit and return to the previous menu.

Calling Special #s in lock mode

To call special numbers in lock mode:

1. In standby mode, use the keypad to enter the special number.
2. Press SEND to place the call.

Erase PBook

Erase PBook erases your Phone Book. Personal settings (the call log, Messages, Schedules, or other phone feature settings), are unaffected by clearing the memory on your phone. This feature is useful if you want to give your phone to a friend or family member, or if you want to erase all of your phone numbers.

To clear your phone's memory:

1. Press MENU 9 WXYZ 2 ABC for **Security**. Enter your current lock code.
2. Press 4 GHI for Erase PBook. A confirmation prompt will display.
3. Press OK/SEND to clear the phone's memory, or press CLR to cancel the operation.

Note: After a few seconds, a prompt Erased message will display and the phone will return to standby mode.

Resetting your phone

Resetting the phone returns all setup options to the factory default settings.

To reset the phone:

1. Press    for **Security**. Enter your current lock code.
2. Press  for **Reset Phone**. A confirmation prompt displays asking if you want to **Proceed**.
3. Press  to reset the phone or press  to cancel the operation.

Call answer

With this option activated, your phone will allow you to select a specific answer mode when you receive an incoming call. Your phone can be preset to answer when you do any of the following:

- **SEND key:** You can answer the phone by pressing  .
- **Any key:** You can answer the call by pressing any key.
- **Folder open:** Opening your phone will answer your call.

To set Call answer:

1. Press    for **Call Answer**. The **Call Answer** screen displays.
2. Use  to highlight an option.
3. Press  to save your option.
4. Pressing  returns you to the previous screen.

Auto answer

With this option activated, your phone will automatically answer calls after the specified number of seconds. This option is useful when driving. (This function only works when the handset is connected to the Hands-Free Car Kit.)

If Auto Answer is set to Off the phone will not answer an incoming call. If you do not answer the call it is automatically stored in the Missed Call log.

To enable Auto Answer:

1. Press    for **Auto Answer**. The **Auto Answer** screen displays.
2. Press  to highlight one of the available options:
   - **Yes**
   - **No**
3. Press  to save.
4. Pressing  returns you to the previous screen.

Language

The language option on your phone can change the language of voice prompts, menus, and key-input.

To change the language:

1. Press    for **Language**.
2. Press  to highlight the language required.
3. Press  to save.

Note: You can press  to return to the previous menu at any time.

Roaming

Roaming on other digital networks

When you're roaming on other digital networks, your call quality and security will be similar to the quality you receive when making calls while on your home network. You may not be able to access certain calling features, such as Wireless Web.

Roaming on analog networks

When you roam on analog networks, you will experience a similar quality provided by other analog carriers today. Although some calling features, such as Wireless Web, may be unavailable, you can still make and receive calls.

You will experience a few differences including:

- You are more likely to experience static, cross-talk, fade-out and dropped calls.
- Some calling features which are standard on your home Network, such as Call Waiting, Wireless Web and direct international dialing, are unavailable.
- There are security and privacy risks, such as eavesdropping and cloning, that exist with conventional analog services today.
- Your battery needs recharging sooner when you use your phone for analog roaming.

> **Note:** If you're on a call when you leave your home network and enter an area where roaming is available (whether digital or analog), your call is dropped. If your call is dropped in an area where you think the service is available, turn your phone off and on again to reconnect to your home network.

Setting your phone's roam mode

Your phone allows you to control your ability to roam. By using the **Roaming** menu option, you determine which signals your phone accepts.

Set mode

Choose from three different settings on your dual-band mode phone to control your roaming experience:

1. Press  for **Roaming**.
2. Press  for **Set Mode.** To select an option, scroll to select **Automatic**, **Home Only,** or **Analog.**

- **Automatic:** This setting seeks automatically the Telus service. When the service is unavailable, it searches for an alternative system.
- **Home Only:** This setting allows you to select Telus Home SID network (both Digital and Analog)
- **Analog:** This setting allows you to select the Analog network for 10 minutes or to use Analog for the first call. After that, the setting reverts back to the previously set mode.

3. Press  to **Save**.
4. **Set NAM:** This setting allows you to associate your mobile identification number (MIN) to your phone's electronic serial number (ESN).

Setting an alert when roam charges apply (call guard)

In addition to the roaming icon, Call Guard alerts you when roaming charges apply. This feature makes it easy to manage your roaming charges by reminding you when you make or receive roaming calls. It also requires you to take additional steps before placing or answering a roaming call. These additional steps are not required when you make or receive calls while on your network.

To turn the Call Guard feature on or off:

1. Press MENU 7 PQRS 3 DEF for **Call Guard**. Wait briefly until a message prompt displays and then disappears from the display screen.
2. Select **Yes** or **No**, and press OK.

- If the **Yes** option is chosen, an extra step is required to make or take roaming calls.
- If the **No** option is chosen, no extra step is required to make or take roaming calls.

To place roaming calls with Call Guard on:

1. From Standby mode, enter 1 + area code + the seven-digit number. You can also initiate a call from the internal Phone Book, Call History or Web Messages.
2. Press SEND. A message is displayed indicating that roaming rate applies.
3. Press 1 to place the call.

To Answer incoming roaming calls with Call Guard on:

Remember if the Call Guard feature is set to On, you need to take extra steps to make and receive roaming calls.

> **Note:** The time and date are set automatically by the network. If you are outside your coverage area and are in analog mode, the time and date are not automatically updated.

Setting ringer for roaming calls

You can select a distinctive ringer type for incoming roaming calls.

1. Press MENU 8 TUV 7 PQRS for **Roam Ringer**.
2. Press the navigation keys to choose **Distinctive** or **Normal.**
3. Press OK.

In-use menu

Your phone includes both a standby menu and an In-Use menu. The In-Use menu is displayed by pressing 

while the phone is being used during a call.

The In-Use menu options are:

- **Mute** - Mutes or (Un)mutes your end of a phone conversation so that the recipient can hear nothing.
- **Calls** - Checks your call log for outgoing, incoming, and missed calls. You can also erase the logs from this menu.
- **Phone Book** - Accesses the Phone Book menu options.
- **3-way call** - Allows you to call a third person while on a call.
- **Messages** - Accesses the Mail Kit menu options.
- **Calendar** - Accesses the Calendar menu options.
- **Version** - Displays the version of the software and hardware that is being used on the phone.

Usage guidelines: all about performance and safety

Understanding Signal Strength

The quality of each call you make or receive, is dependent upon the signal strength in your area. Your phone informs you of the current signal strength by displaying a icon. The more bars displayed, the stronger the signal. The signal strength indicator () displays in the upper left corner of your display screen. The voice quality of your phone is always clearest when the antenna is fully raised. If you're inside a building, reception may be better near a window.

Understanding the Power Save Mode

If you are trying to use your phone in an area where the signal is too weak, the Power Save feature automatically activates to conserve battery power when you have been unable to pick up a signal for 15 minutes. If your phone is on, it periodically rechecks service availability. To manually check, press any key. A message is displayed on the screen any time you activate Power Save. When a signal is found, your phone returns to standby mode.

Understanding how Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it is 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 power can range from 0.006 watts to 0.2 watts in digital mode.

Specifications are 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.

Exposure To Radio Frequency Signals

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also transmits radio frequency (RF) signals

In August, 1996. the Federal Communications Commission (FCC) adopted RF exposer guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

- ANSI C95.1 (1992)
- NCRP Report 86 (1986)
- ICNIRP (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards).

Body-worn Operation

To maintain compliance with FCC RF exposure guidelines, if you wear a handset on your body, use a Samsung supplied or approved carrying case, holster or other body-worn accessory. If you do not use a body-worn accessory, ensure the antenna is at least one inch (2.5 centimeters) from your body when transmitting. Use of non-Samsung approved accessories may violate FCC RF exposure guidelines.

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone Operation

NORMAL POSITION: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

Tips on Efficient Operation

For your phone to operate most efficiently:

- Extend your antenna fully.
- Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Operating a Motor Vehicle

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

- Give full attention to driving - driving safely is your first responsibility.
- Use hands free operation, if available.

Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless

phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference;
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone Off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

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

Posted Facilities

Turn your phone Off in any facility where posted notices so require.

Aircraft

FCC regulations prohibit using your phone while in the air. Switch Off your phone before boarding an aircraft.

Blasting Areas

To avoid interfering with blasting operations, turn your phone Off when in a "blasting area" or in areas posted: "Turn off two-way radio". Obey all signs and instructions.

Potentially Explosive Atmospheres

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

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

For Vehicles Equipped with an Air bag

An air bag inflates with tremendous force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

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.

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 the minibrowser, and to take advantage of all of the other services and features available when your phone is used with your service provider.

Your phone will always try your call using your home system, but if this is unavailable, then the phone will use the preferred roaming system.

If you cannot roam, your call will not be connected and the R icon is displayed. In some service areas, an operator may come on the line asking you how you would like to pay for the call.

To make all of the features available to you, your phone is designed by Samsung and your service provider to allow your service provider to send (at any time) a variety or information and messages to your phone. You may think of this as an over the air service to your phone. 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 features) may not work properly in the network. If this happens don't worry, contact your service provider for help in correcting the problem.

Acknowledging Special Precautions and Industry Canada Notice

Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and will invalidate the phone warranty if said accessories cause damage or a defect to the phone.

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

Information to User

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

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

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

Samsung Phone and Battery Specifications

Dual Band/Tri Mode:CDMA 1.9GHz / CDMA 800 MHz/AMPS 800 MHz
Display Screen:Graphical LCD up to 5 lines w/1 dedicated Icon Line)
Battery Type:Standard: Lithium-Ion
PCS Antenna:Retractable, user-replaceable

Owner's Record

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

Model:

Serial No.:

User Guide Proprietary Notice

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5,506,8655,544,1965,657,4205,101,501

5,267,2615,414,7965,504,7735,535,239

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5,710,7845,056,109 5,568,4835,659,569

5,490,1655,511,073

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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 ("Products") 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 the date:

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

2. **What is not covered?**

   The limited warranty is conditioned upon proper use of Product by Purchaser. This limited warranty does not cover:

   - Defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical, or electromechanical stress, modifications of any part of the Product, including antenna or cosmetic damage.
   - Equipment that has the serial number removed or made illegible.
   - All plastic surfaces and other externally exposed parts that are scratched or damaged due to normal usage.
   - Malfunctions resulting from the use of Product in conjunction with the accessories, products, ancillary, or peripheral equipment not furnished or approved by Samsung.

- Defects or damage from improper testing, operation, maintenance, installation, adjustment and service of products.
- The limited warranty covers batteries only if the battery falls below 80% of rated capacity or the battery leaks and this limited warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by Samsung for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the Samsung phone for which it is specified.

3. **What are Samsung's Obligations?**

During the applicable warranty period, Samsung will repair or replace at Samsung's sole option, without charge to purchaser, any defective component part of the phone or accessory. To obtain service under this limited warranty, purchaser must return Product to an authorized Samsung phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable proof of sale showing the date of purchase, the serial number of Product, and the seller's name and address. To obtain information on where to deliver the phone or accessory, call your service provider or Samsung Customer Care at (888) 987-4357. Upon receipt, Samsung will promptly repair the defective product. Samsung may, at Samsung's sole option, use rebuilt, reconditioned, or new parts or components when repairing any product or replace a product with a rebuilt, reconditioned, or new product. Repaired products will be warranted for a period equal to the remainder of the original limited warranty on the original product or for 90 days, whatever is longer. All replaced parts, components, boards, and equipment becomes the property of Samsung. If Samsung determines that any product is not covered by this limited warranty, purchaser must pay all parts, shipping, and labor charges for the repair or return of said product.

4. **What are the limits of SAMSUNG's liability?**
EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

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

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