# SCH-a530 Series

**D I G I T A L**

**D U A L - B A N D**

**T E L E P H O N E**

# User Guide

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

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## Introduction to the SCH-a530 phone

Congratulations on the purchase of your SCH-a530 phone. Using the latest digital technology, your new phone operates on the same basis as other wireless phones while providing superior resonance and tone quality.

The SCH-a530 phone is packed with productive features that are easy to use. Here are some of them:

- Operates in 1900 MHz digital PCS and 800 MHz digital CDMA.
- Voice Dialing – 20 locations
- Whisper mode feature
- Fetures Get it Now

- User friendly display with dedicated icons for signal strength, service, roaming, messages, vibrator, location service, and battery states.
- Monotone ring types - 5, melody tones -10.
- Distinctive ringer types for voice, message, and alarm calls
- Distinctive ringer volumes for voice, message, and alarm calls
- Phone Book Memory - 999 Locations
- Call Logs - 20 Locations each for outgoing, incoming, and missed calls
- Internet MiniBrowser
- Pause dialing for tele-services
- Fast ringer mute during incoming call
- Alarm clock with programmable alarm
- One, Two, and Three-touch dialing
- Easily mute the microphone during conversation
- Security features including call restriction, emergency/secret number capability, and lock mode
- Fax and Data capability
- External LCD display
- Selectable English/Spanish user interface

## How To Use This User Guide

This user guide explains your Samsung SCH-a530 phone operations through easy-to-follow instructions and illustrations.

We've included some important safety and usage information that you should know before using your phone.

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

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# 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 ⬤ⁱCLR 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 CLR once briefly.**
- **To erase all digits or characters from the display screen, press CLR for two seconds.**
- **To back up one menu level, press CLR once briefly.**
- **To return to standby mode from any menu, press CLR for two seconds.**

## End key

This END/☉ key is utilized in several ways:

- **Press and hold END/☉ to turn on your phone.**
- **Press and hold END/☉ to turn off your phone.**
- **Press END/☉ 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 (located on the front cover towards the bottom of your phone) 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.**

# Right soft key

Press 🖉 to do the following:

> •**View message**
> •**Select option**
> •**Save/ok key**

# Left soft key

Press 🖺 to enter the **Main menu**.

# Microphone

The microphone is used for conversation and recording.

# Numeric keypad

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

# Speaker

The speaker is for listening to voice conversations.

# Send key

The ![key] key performs several useful functions:

- •**Press ![key] once to answer calls.**
- •**Enter a number and press ![key] once to connect a call.**
- •**Press ![key] twice in standby mode to redial the last recent call number.**

# Navigation

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

# Get it now

**To access Get it Now:**

1. Press the **Get it Now** button.

2. The **Shopping Cart** icon appears.

3. Press the **Get it Now** button again. The following logo and start option appears:

   get it now·

4. Press the **Get it Now** button. The following **Get it Now** options appear:

   - •**Get Games**
   - •**Get Tones**
   - •**Get Going**
   - •**Get Fun**
   - •**Get Mail**
   - •**Get Pix**

5. Highlight the category of your choice.

6. Press the **Get it Now** button.

7. Select the application you want to download and follow the instructions on the screen.

# Display screens

**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**
> •**The lower line of text shows left and right softkey options**

# Liquid crystal display

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

> •**Lower area of the LCD: Displays date, time, and in-use information.**
> •**Folder open: Press any key, the LCD will dim for 8 seconds then go off**
> •**During conversation: While talking, the LCD will dim for 1 minute then go off.**
> •**Power save mode: The LCD will be dim for 15 seconds then go off.**

> **Note:** Your front LCD backlight will darken while in standby mode when your folder is closed. Press and hold the side volume key to turn on the display backlight.

# 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.

**Roam:** This icon is your extended roaming indicator. Roaming occurs when you use your phone outside your home area. While roaming, another service provider's system handles your call, so the service rate for the call may be higher than the rate for calls made within your home area. Please refer to the price plan information from your carrier for more detail regarding your service rates.

**New Message:** This icon appears when a new voice, text, page or web alert message is received.

**High speed data:** This icon indicates that your phone is sending or receiving data at a high speed.

**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.

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

| | |
|---|---|
| ♫ | **Ringer silent:** This icon indicates that your phones ringer is set to silent. |
| ⊕ | **GPS (911 only):** This icon represents Global Positioning Service (GPS) for 911. |
| ⊕)) | **GPS:** This icon indicates GPS is on for location. |
| ▰ | **Silent mode:** This is the icon for silent mode. |

# 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 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 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 [III] 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.

## 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. 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.

1.  With the phone in standby mode, press and hold ⌗ for 2 seconds. Entering Silent Mode displays briefly. (The silent mode icon displays on the standby screen.)

2.  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 ![icon] 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 ![icon] to make a call**
>   •**Press ![icon] to view and dial Recent calls**

Press ![icon] at any time to return to standby mode, but be careful; if you are on a call when you press ![icon], 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 ![icon].

# 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 ![icon] 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 ![icon].

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: **Silent, 1 beep, Vibrate, Vib+Ring**, **Level 1, Level 2, Level 3, Level 4, and Level 5.**

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 𝗫 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 (END/O) for more than two seconds.

2. The display screen and the backlight go off.

> **Note:** If your phone is on, and (END/O) 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 Unavailable No".

**There are several ways to answer an incoming call.**

- •Press (SEND)
- •Press any key
- •Open folder
- •Voice answer
- •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 Logs
        1:Outgoing
        2:Incoming
        3:Missed
        4:All Calls
    5:Call Timer
        1:Last Call
        2:Total
        3:LifeTime
        4:Erase Total

2:Phone Book
    1:Find
    2:Add
    3:Rename Group
        1:Friend
        2:Family
        3:Colleague
        4:VIP
        5:No Name
    4:My Phone#
    5:Memory

3:Message
    1:Send New Msg
    2:Voice
    3:Inbox
    4:Outbox
    5:Draft Msg
    6:Saved Msg
    7Web Alert
    8:Msg Setting
        1:New Message
            1:Save In Outbox
            2:Callback #
            3:Entry Mode
            4:Delivery Ack
            5:My Signature
        2:Msg. Alert
            1:Volume/Vibrate
            2:Type
                1:Voice Mail
                2:Page
                3:Text
                4:Web Alert

```
                              5:Fade
                              6:Roam
                              7:Privacy
                     5:Power On/Off
                     6:Roam Ringer
                     7:Whisper Mode
8:Voice Kit
                     1:Voice Dial
                              1:Record
                              2:Review
                              3:Erase All
                              4:Set Active
                     2:Voice Memo
                              1:Record
                              2:Review
                              3:Erase All
                     3:Call Screen
                              1:On/Off
                              2:Inbox
                              3:Greeting
                                       1:Record
                                       2:Play
                                       3:Select
                              4:Call sound
                              5:Wait Time
9:Setup
                     1:Location
                     2:Network
                              1:Set NAM
                              2:Roam Option
                     3:Data/Fax
                              1:Auto Detect
                              2:Baud Rate
                     4:Security
                              1:Lock Phone
                              2:Change Lock
                              3:Emergency #
                              4:Voice Privacy
                              5:Restriction
                                       1:Outgoing
                                       2:Incoming
                                       3:Phone Book
                              6:Erase Memory
                              7:Reset Phone
                     5:Call Answer
                     6:Auto Answer
                     7:Auto Retry
                     8:Language
                     9:Clock Set
                              1:Main Clock
                              2:Dual Clock
                     0:Version
In-Use Menu (Can be opened only when on a call)
                     1:Mute/Unmute
                     2:Calls
```

3:Phone Book
                       1:Find
                       2:Add
                       3:Rename Group
                       4:My Phone#
                       5:Memory
                    4:Silent/Quit
                    5:Send Tel #
                    6:My Phone #
                    7:Version
                    8:Voice Privacy
                    9:Location
                    0:Send DTMF

# Accessing menus using the navigation key

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

**Menu options are numbered but can also be accessed by using the
navigation key:**

- Press right to activate **Wireless Web.**

- Press down to activate **Voice Memo.**

- Press left to activate the **Scheduler.**

- Press up to search your **Phone Book** by name.

# 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 your planner:**

1.  In standby mode, press ▤ to access the **Main menu**.

2.  Press <sub>JKL</sub> 5 for **Planner.**

3.  Press 1 for **Today.**

4.  Press <sub>GHI</sub> 4 to see the event list or nothing stored.

# 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 numeric 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:**

> •**Nine ring volume settings including 1- beep, vibrate, vib+ring, or silent.**
> •**Five ring types and Ten 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 20 calls you answered are stored in an Incoming call log

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list and the last 20 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 <img_icon> to call the displayed number.
- •Press <img_icon> to clear the Missed Call message from the
  display.
- •View your Missed calls log.

# Erase log

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 <img_icon> to display the **Main menu**.

2. Press <img_icon> for the **Calls** menu.

3. Press <img_icon> for **Erase Log**. The available options are:

    - •**Outgoing**
    - •**Incoming**
    - •**Missed**
    - •**All Calls**

4. Press <img_icon> highlight **All Calls**.

5. Press <img_icon> to erase all your call directories.

6. Press <img_icon> to cancel the action and return to the previous menu.

# Reviewing calls

When a call log is displayed, press the number associated with the call log to be connected.

1. In standby mode, press ⬚ to display the **Main menu**.

2. Press ⬚ for **Calls.**

3. Press the number associated with the call log to select an option:

   • Press ⬚ for **Outgoing** calls.
   • Press ⬚ for **Incoming** calls.
   • Press ⬚ for **Missed** calls.
   • Press ⬚ for **Erase Logs**.
   • Press ⬚ for **Call Timer**.

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 20 calls placed from your phone.
   • **Incoming:** The last 20 calls placed to your phone.
   • **Missed:** The last 20 calls placed to your phone that you did not answer.

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- **Erase Logs:** The last 20 calls you chose to erase from your call log.
- **Call Timer:** The talk time spent on your calls.

# Call timer

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

**To view Call Timer from standby mode:**

1. In standby mode, press :: to display the **Main menu**.
2. Press ➀ for **Calls.**
3. Press ➄ for **Call Timer.**
4. Press ▦ to highlight an option. The available options are:

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

5. Press :: to open an option, or press ᶜᴸᴿ 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 ➀ for **Calls.**
3. Press ➄ for **Call Timer.**
4. Press ➀ for **Last Call.** The amount of time spent on your last call displays.
5. Press ᶜᴸᴿ 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 1 for **Calls.**
3. Press 5 for **Call Timer.**
4. Press 2 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 Total** option.)

5. Press CLR to 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 🔋 to display the **Main menu**.
2. Press 1 for **Calls.**
3. Press 5 for **Call Timer.**
4. Press 3 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.

## Erase total

If you choose the Erase Total 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  to display the **Main menu**.
2. Press  for **Calls.**
3. Press  for **Call Timer.**
4. Press  for **Erase Total.**
5. Press  to highlight **Yes** or **No.**
6. With **Yes** highlighted, press  to erase the total airtime and return to previous display, or press  to cancel the operation and return to the previous display screen.

## Call waiting

Your phone beeps when another call is coming in.

**To answer this call:**

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

You are now connected to your original call. You can press  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 ✱ ⁶ᴹᴺᴼ ⁷ᴾ🅀ᴿˢ .

2. Enter the phone number and press ⌕ .

   **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 ⌕ . When connected, ask them to remain on the line, press ⌕ and they will be placed on hold.

2. Call the second phone number, and press ⌕ .

3. When the second party answers, press ⌕ 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 999 numbers and names in the Phone Book. Each entry can have up to 5 associated phone numbers and two e-mail addresses. 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.

> **Note:** You cannot store numbers in locations 311, 411, 611, or 911 of your Phone Book.

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 🔲 for the **Main menu**.

2. Press $\frac{ABC}{2}$ for **Phone Book.**

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

## Find by 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 🔲 to display the **Main menu**.

2. Press $\frac{ABC}{2}$ for **Phone Book.**

3. Press 1 for **Find.**

4. Press 🔲 to highlight **By name.**

5. Press 🔲 to select the name. The display screen shows the phone number and E-mail address (if available) associated with the name.

6. Press 🔲 to place the call.

7. Pressing <kbd>CLR</kbd> returns you to the previous screen.

## Find by entry

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

1. In standby mode, press <kbd>⋮</kbd> to display the **Main menu**.
2. Press <kbd>ABC 2</kbd> for the **Phone Book.**
3. Press <kbd>1</kbd> for **Find.**
4. Press <kbd>⋮</kbd> to highlight **by Entry.**
5. Press <kbd>⋮</kbd> to select the entry. The entry information is displayed.
6. Press <kbd>⋮</kbd> to highlight the phone number.
7. Press <kbd>SEND</kbd> to call the number.

## Find by group

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

1. In standby mode, press <kbd>⋮</kbd> to display the **Main menu**.
2. Press <kbd>ABC 2</kbd> for the **Phone Book.**
3. Press <kbd>1</kbd> for **Find.**
4. Press <kbd>⋮</kbd> to highlight **by Group.**
5. Press <kbd>⋮</kbd> to select the entry. The entry information is displayed.
6. Press <kbd>⋮</kbd> to highlight the phone number.
7. Press <kbd>SEND</kbd> to call the number.

## Renaming a group

Use this option to rename or edit a group in your phone book.

1. In standby mode, press <kbd>⋮</kbd> to display the **Main menu**.
2. Press <kbd>ABC 2</kbd> for the **Phone Book.**
3. Press <kbd>DEF 3</kbd> for **Rename Group.**

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4. Press [key] up or down to locate the group you are renaming.

5. Press [key].

6. Press [key] to select **T9 word, ABC, Symbol** or **123**.

7. Press [CLR] to erase the old group name.

8. Use the keypad to enter new group name.

9. Press [key].

## Add

This menu allows you to add information to your Phone Book.

**With the phone in standby mode:**

1. Press [key] for the **Main menu**.

2. Press [2 ABC] for **Phone Book.**

3. Press [2 ABC] for **Add.** The **Phone Book** display screen prompts you to confirm **Number** or **E-mail.**

4. Press [key] . Enter the phone number or e-mail address. For pause options press [key].

5. Press [key] to save in **New Entry**.

6. Press [key] to highlight one of the following fields:

   •**Home**
   •**Office**
   •**Mobile**
   •**Pager**
   •**Fax**

7. Using the keypad, enter the name that is associated with the number.

   **Note:** This step is optional

8. Press [key] to save the entry.

# 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 [icon] to display the **Main menu**.

2. Press [2 ABC] for **Phone Book.**

3. Press [1] for **Find.**

4. Press [icon] to highlight the entry requiring editing.

5. Press [icon] . The existing phone number is highlighted.

6. Press [icon] and [icon] to highlight the **Edit** option.

7. Press [icon] . The **Phone Book** (option) screen displays.

8. Press [icon] 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 [icon] to highlight an existing name or number field. When highlighted, press [icon] and [icon] to highlight the **Edit** option.

2. Press [icon] .

3. To overwrite, press [CLR] , until you clear the existing name or number.

4. Enter the new information.

5. Press [icon] 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.**

> **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 🔊 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 ⓘ to display the pause **Menu** options. Press ⬚ to locate the pause option of choice and press ⓘ to activate. Continue in this manner until you enter the complete number with pause(s).

3.   Press 🔊 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 ⓘ 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 ⓘ .

5.   Press ⓘ to display the following menu options:

   •**Talk**
   •**Edit**
   •**Erase**

6.   Press ⬚ to highlight the **Erase** option.

7. Press 🔢. The phone prompts **Yes** or **No.**

8. Press 🔘 to highlight your option.

9. Press 🔢 to confirm (Yes) and erase the **Phone Book** entry, or press ⌫ 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 🔢 to display the **Main menu**.

2. Press ⁹ ⁴ for **Security.** Enter your current 4-digit lock code.

3. Press ⁶ for **Erase Memory.** A confirmation message displays asking if you still want to **Erase.**

4. Select **Yes** and press 🔢 to erase the **Phone Book** entirely, or press ⌫ to cancel the operation. **Erasing Phone Book** and **Voice Dial** 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 🔢 to display the **Main menu**.

2. Press ² for **Phone Book.**

3. Press ¹ for **Find.** The **Phone Book** displays.

4. Press 🔘 to highlight the entry and press 🔢 .

5. Press 🔢 , and select the **Edit** option. The Phone Book (options) screen displays. Edit the existing E-mail address.

6. Press 🔢 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 ⬚ to display the **Main menu**.

2. Press $\overset{ABC}{2}$ for **Phone Book.**

3. Press ⬚ for the **Find.**

4. Press ⬚ to highlight your entry.

5. Press ⬚ to display that entry's phone number.

6. Press ⬚ for options.

7. Press ⬚ to highlight the **Edit** option.

8. Press ⬚. The **Phone Book** (options) screen displays.

9. Use the keypad to enter the associated **Speed dial** number.

10. Press ⬚ to continue, following the prompts, or press ⬚ 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 press ⬚ to end your call, the screen displays the call time (length of call), phone number, and name of the party (if available).

2. Press ⬚ .

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 📱 to display the **Main menu**.

2. Press 1̄ for **Calls**.

3. Press 1̄ for **Outgoing,** 2̄ᴬᴮᶜ for **Incoming,** or 3̄ᴰᴱꜰ for **Missed calls.**

4. Highlight the number you want stored in the **Phone Book** and press 📱.

5. Press 📱 for menu options, navigate to highlight **Save.**

6. Press 📱 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 📱.
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 1̄ 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 1̄ and hold down 3̄ᴰᴱꜰ 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 999 are three-Touch locations. For example, for location number 113, press 1̄ 1̄ and hold 3̄ᴰᴱꜰ 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 and hold the last digit of your speed dial number for your call to go through.

**Navigating to the number:**

1. From standby mode, press 🔋 for **Main menu**.

2. Press ²ᴬᴮᶜ for **Phone Book.**

3. Press 1 for **Find.**

4. Use the navigation key to highlight the entry.

5. Press 🔲 to call that entry's **Speed Dial** number.

# My phone #

**To display your phone's number:**

1. In standby mode, press 🔋 to display the **Main menu**.

2. Press ²ᴬᴮᶜ for the **Phone Book.**

3. Press 4ᴳᴴᴵ for **My Phone #.** The phone's number displays.

4. You can press ᶜᴸᴿ to return to the previous menu at any time.

# Memory

This features saves voice and dial calls in memory. You can save up to 999 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. You can store 50 incoming, 50 outgoing. 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 $\begin{smallmatrix}\vdots\end{smallmatrix}$ $\overset{DEF}{3}$ (press $\begin{smallmatrix}\vdots\end{smallmatrix}$ when in-use) to display **Message.**

2. Press $\overset{-'}{1}$ for **Send New Msg.** The screen displays **Send To:.**

3. Press $\begin{smallmatrix}\vdots\end{smallmatrix}$ to select from options. (**Phone Book, T9 Word, ABC, Symbol, 123, edu, net, com,** and **Save Address**).

4. Press $\begin{smallmatrix}\vdots\end{smallmatrix}$ to highlight an option.

5. Press $\begin{smallmatrix}\vdots\end{smallmatrix}$.

6. Enter the message using the keypad and selected method of entry.

7. When finished, press $\begin{smallmatrix}\vdots\end{smallmatrix}$. The phone will send you a delivery acknowledgement about 20 seconds after delivery.

**To continue, select from the following two menus:**

8. Pressing $\overset{JKL}{5}$ opens the **Options** menu. Select from the following:

• **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.

      **•None**
      **•30 min.**
      **•1 hour**
      **•2 hours**
      **•12 hours**
      **•1 day**
      **•2 days**
      **•3 days**

## 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 Word**
      **•ABC**
      **•Symbol**
      **•123**
      **•Canned Msg**

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.

- **ABC:** This is the text entry mode.

- **T9 Word:** This is the predictive word entry mode. You can quickly and easily enter frequently used words.

- **Symbol:** Symbol entry is used with numeric keys and associated symbols.

- **123:** This is the number entry mode.

- **Canned Msg:** These are messages you can send that are already in your phone.

## 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

Numeric 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® word text entry

T9 Word, or T9 for text on 9 keys, requires only one key press per letter, and recognizes the most commonly used word of a numeric sequence.

For example, to enter the word hello, you can spell out the word by pressing only five keys, 4-3-5-5-6. T9 Text Input recognizes the most commonly used word for that numeric sequence is hello. If two or more words share the same numeric sequence, T9 provides the most commonly used word, with the ability to navigate to the next most commonly used word by pressing ⬚.

Press ⬚ 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 numeric 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 ⬚ ⬚ (press ⬚ when in-use) to display **Message.**

2. Press ⬚ for **Send New Msg.**

3. The screen displays **Send To:**

4. Pressing 📱 permits selection from the options: **Phone Book, T9 Word, ABC, Symbol, com, edu, net, Save Address, and 123.**

5. After finding and entering the **Send To:** information, press 📱 to go to the **Message** menu.

6. Enter your message data, (press 📱 to select your text entry mode), when finished, press 📱 to return to the **Send New Msg** menu.

7. If the same message is to be sent to multiple recipients, press 📱 to go to the **Send 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 **Send 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. Use 📱 to highlight the message you want to view.

4. Press 📱. The phone displays the message contents.

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

   • **Forward**
   • **Delete**
   • **Save Text**
   • **Save addr**
   • **To Saved Msg.**

# Outbox

Your phone stores messages in Outbox, regardless of whether the message was successfully transmitted. If Do Not 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 $\boxed{\vdots}$ $\overset{DEF}{\underset{3}{\boxed{\phantom{x}}}}$ (press $\boxed{\vdots}$ when in-use) to display the **Message** menu.

2. Press $\overset{GHI}{\underset{4}{\boxed{\phantom{x}}}}$ for **Outbox.** A list of messages displays.

3. Using the $\boxed{\phantom{x}}$, highlight the message you want to review and press $\boxed{\vdots}$ to select it.

4. Press $\boxed{\mathbb{Q}}$ for further options. A **Sent Msg** menu will display.

- Select **Re-send** to resend the message, press $\boxed{\vdots}$ to resend with the same message settings.

- Select **Save Msg** to save your message.

- Select **Cancel** to cancel your message.

- Select **Delete** to delete the message from **Outbox**.

## Message memory capacity

Your phone can store up to 130 messages (Inbox 50, Outbox 50 Draft msg 15, Saved msg 15). 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.

# Draft message

Your phone can store draft messages that are yet to be sent in the Draft Msg folder. You can access this folder at a later time to edit and send the message.

**To view messages:**

1. In standby mode, press $\text{\small ❐} \quad \overset{DEF}{\underset{3}{\boxed{3}}}$ (press $\text{\small ❐}$ when in-use) to display the **Message** menu.

2. Press $\overset{JKL}{\underset{5}{\boxed{5}}}$ for **Draft Msg.**

3. Press $\text{\small ❐}$ to view messages.

**To access unsent messages and continue editing:**

1. In standby mode, press $\text{\small ❐} \quad \overset{DEF}{\underset{3}{\boxed{3}}}$ (press $\text{\small ❐}$ when in-use) to display the **Message** menu.

2. Press $\overset{JKL}{\underset{5}{\boxed{5}}}$ for **Draft Msg.** The number of pending messages display next to the **Draft Msg** text. The filed messages will display in order.

3. Press $\boxed{\cdots}$ to highlight the message, and press $\text{\small ❐}$ to open.

4. Press $\text{\small ❐}$ for the options.

5. Use the navigation key to highlight **Edit** or **Delete**.

6. Press $\text{\small ❐}$ to view and select from the available options.

7. Enter the **Send To:** information and press $\text{\small ❐}$. The **Message** screen displays.

8. Press $\overset{ABC}{2}$ for **Edit text**.

9. Enter a message, when finished press $\vdots$ , the **New Messages** screen displays.

10. Press $\overset{DEF}{3}$ for **Save in Draft.**

## Web Alert

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 $\vdots$ $\overset{DEF}{3}$ (press $\vdots$ when in-use) to display the **Message** menu.

2. Press $\overset{PQRS}{7}$ for **Web Alert.**

3. Press $\vdots$ to complete the action.

> **Note:** Contact your service provider for availability.

## Erase message

1. In standby mode, press $\vdots$ $\overset{DEF}{3}$ (press $\vdots$ when in-use) to display the **Message** menu.

2. Press $\overset{WXYZ}{9}$ for **Erase Msg.**

3. Press to highlight an option.

4. Press $\vdots$ to complete the action.

## Message setting

1. In standby mode, press $\vdots$ $\overset{DEF}{3}$ (press $\vdots$ when in-use) to display the **Message** menu.

2. Press $\overset{TUV}{8}$ for **Message setting.**

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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. reminder

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

## Voice mail #

Voice Mail # allows you to input numbers for Voice Mail.

## New message

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

### *Callback #*

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

### *Delivery ack.*

Confirms delivery of your message.

### *My Signatures*

Allows you to apply your signature to outgoing messages.

### *Save in outbox*

You are offered three options. Press 📱 to save the setting.

**Prompt** - saves the message.

**Not Save** - does not save the message.

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

*Entry Mode*

You can navigate between **Alphabet** and **T9 Word** (predictive keypad) for the default setting. Press [icon] to save the setting.

## Auto delete

This option allows you to have your message automatically deleted after viewing it. Or, you can choose to be warned before your message is deleted.

## Canned Msg.

Canned messages are pre-programmed into your phone. You can select the number that is associated with each canned message, and press [icon] to edit. Once you are done editing your canned message, press [icon] to save.

## Msg alert

While setting up your messages you can adjust the message volume. To do this press [icon] [3 DEF] [8 TUV] for **Message setting.** Press [2 ABC] for **Msg alert**. Your options are:

> •**Volume/Vibrate**
> •**Type**
> •**Reminder**

Use the Navigation key to highlight your volume level, and press [icon] 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

When you receive a message while you are on a call, the **Send New Msg** screen displays two options: **Ignore** and **View**. The closed envelope icon ✉ is displayed.

You can easily review the new message while on the call by just pressing ⚏. Your call will not be disconnected, and you can ask the other party to wait while you review the message. If you want to ignore the message, just select that option and continue with your call.

# 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 ⚏. To review the message, press ⚏. 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 ⚏, to display the **Message** menu. The number of received or sent messages displays next to the associated message type in the menu.

2.  Press ⚏ 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 ⚏ to call your mail box directly to review voice mails.**
    •**You can press ⚏ for the Inbox**.

3.  Use the ⚏ to highlight the message you want to review, press ⚏ to open it.

    •**While reviewing the message, you can press ⚏ 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.**

  •**To review other messages, press** [icon] **to the right to review the next message, or to the left to review the previous message.**

4.  Pressing [CLR] returns you to the previous screen.

> **Note:** Press [icon] for further options when reviewing a message. When in standby mode, press and hold [icon] 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 [icon] [icon 3 DEF] (press [icon] 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 press [icon] to locate the message you want to review, press [icon] to open.

3.  Press [icon] to view the following options:

  •**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.
  •**Delete:** to delete the message from the Inbox.
  •**Save text:** to save text and send at a later date.
  •**To saved Msg:** to save your message.
  •**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.

4.  Pressing [CLR] returns you to the previous **Inbox** messages list screen.

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## Ringer type — message

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

1. In standby mode, press [icon] to display the **Main menu**.

2. Press $\frac{DEF}{3}$ for **Message**.

3. Press $\frac{TUV}{8}$ for **Msg Setting**.

4. Press $\frac{ABC}{2}$ for **Msg Alert.**

5. Make your selection from the following options:

   - **Volume/Vibrate**
   - **Type**
   - **Reminder**

6. Press [icon] to highlight your option.

7. Use the [icon] to hear tones. Each tone plays as you navigate through the options.

8. When the desired ringer type plays, press [icon] to save the setting.

   **Note:** You can press [CLR] 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.

## Launching the minibrowser

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.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 [icon], or [icon] [icon].

2.   Press [icon] for **Get in Web.**

3.   Press the left soft key image. Your phone will begin its search to launch the MiniBrowser.

4.   Once connected, the Home Page (or the last page visited), will be displayed. Press and hold [icon] 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, press [icon].

## Exiting the web/minibrowser

Press [icon] to exit the Web.

If the **Prompt to end** or **Prompt both** option is selected in the MiniBrowser press [icon] [icon] [icon], 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 or press GHI 4 for **Mobile Web.**

2. Press ABC 2 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 numeric input**
   - **Links (embedded in content)**
   - **Numbered options (some options may not be numbered)**
   - **Simple text**

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

# How the minibrowser keys work

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

**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.

**OK / message** key for selecting a highlighted item.

## 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.

# Planner

The Planner 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 $\overset{JKL}{5}$ for **Planner.**

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

   •**Today**
   •**Scheduler**
   •**Jump To Date**
   •**To Do List**
   •**Memo Pad**
   •**Count Down**
   •**Alarm Clock**
   •**World Time**
   •**Calculator**

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.

## How to add, edit, or erase an event

1. In standby mode, press  $\overset{JKL}{5}$ for the **Planner.**

2. Press $\overset{'}{1}$ 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
- **Erase all:** Allows you to erase all scheduled events

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 underlined.

### How to view an event

1. In standby mode, press 🔢 to display the **Main menu**.
2. Press <sup>JKL</sup>5 for **Planner.**
3. Press <sup>ABC</sup>2 for **Scheduler.**
4. A current calendar screen displays. The current date is highlighted.
5. Press 🔲 right/left to select a new date.
6. Press 🔲 up/down to view a new week.
7. Press the ┃ to view a new month.
8. Pressing 🔢 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 🔢 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 🔢 .

2. Press $\overset{\text{JKL}}{\boxed{5}}$ for **Planner.**

3. Press $\overset{\text{DEF}}{\boxed{3}}$ for **Jump To Date.**

4. Enter the date you want then press $\boxed{\vdots}$ .

# To do list

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

**Creating a to do list item:**

1. In standby mode, press $\boxed{\vdots}$ $\overset{\text{JKL}}{\boxed{5}}$ for the **Planner.**

2. Press $\overset{\text{GHI}}{\boxed{4}}$ for **To Do List**. An **Add To Do** screen displays.

3. Use the navigation key to set the priority for a **To Do List** item. Your choices are **High** and **Low.**

# Memo pad

1. In standby mode, press $\boxed{\vdots}$ to display the **Main menu**.

2. Press $\overset{\text{JKL}}{\boxed{5}}$ for **Planner**

3. Press $\overset{\text{JKL}}{\boxed{5}}$ for **Memo Pad.**

4. Press $\boxed{\vdots}$ to view old memos.

5. Press $\boxed{\vdots}$ to view the following options:

> •**Add new**
> •**Edit**
> •**Erase**
> •**Erase All**

6. Choose your option and press $\boxed{\vdots}$ .

7. Press $\boxed{\vdots}$ to view the following options:

> •**T9 Word**
> •**ABC**
> •**Symbol**
> •**123**

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8.   Press ⌨ to highlight an option.

9.   Press ⌨ to select the option.

## 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 1981 and 2099.

1.   In standby mode, press ⌨   ⌨ for the **Planner.**

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, 2002 and you want to know how many months, days, and hours remain before 7:00 P.M. February 14th 2003, enter the time 07:00 P.M. and the date 02/14/2003.

5.   Press ⌨ to store the **Count Down** timer.

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

1.   In standby mode, press ⌨   ⌨ for the **Planner.**

2.   Press ⌨ 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 ⌨ to open the options.

4.   Press ⌨ to select the option. Use the navigation key to find the item you want to change and follow the prompts.

5.   Press ⌨ at any time to exit the exercise.

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# 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  to display the **Main menu**.

2.  Press  for **Planner.**

3.  Press  for **Alarm Clock.**

4.  Press  to the option you want to use.

5.  Press  . The **Alarm Clock** menu opens.

6.  Using the keypad, enter the time for the alarm to activate. Press  to store the setting, or press  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.

# World time

Informs you of the time of day, or night in another part of the world. World Time displays the time in 12 different time zones around the world, in one or more major cities, states, regions or countries. It should be noted that World Time does not support Daylight Savings Time for countries other than the USA.

# Checking current time world wide

1. In standby mode, press 📋 ⑤ for the **Planner.**

2. Press ⑧ for **World Time**. The screen displays a world map. The city, country, time and date are indicated by a longitude indicator. You can navigate up/down, left/right to reach the city and time you need.

| | | |
|---|---|---|
| • Alaska | • San Francisco | • Denver |
| • Chicago | • New York | • Caracas |
| • Brasilia | • Mid Atlantic | • Cape Verde |
| • London | • Paris | • Athens |
| • Moscow | • Abu Dhabi | • Tashkent |
| • Alma-ata | • Bangkok | • Hongkong |
| • Seoul | • Guam | • Okhotsk |
| • Wellington | • Samoa | • Honolulu |

# 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 📋 ⑤ for the **Planner.**

2. Press ⑨ 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.

# Display

Press and hold the 🔘 key to turn on your phone.

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

- **Animation**
- **Banner**
- **Backlight**
- **Contrast**
- **Auto Hyphen**

**Note:** Your front display will darken while in standby mode. Press and hold the side volume key to turn on the display backlight.

## Animation

This feature allows you to choose from animations already available on your phone:

**To display an animated image:**

1. In standby mode, press 🔲 to display the **Main menu**.
2. Press 🔘 for **Display.**
3. Press 🔘 for **Animation.**
4. Press 🔘 to change one or all of the following options:
   - **Opening**
   - **Closing**
   - **Wallpaper**
   - **Front display**
5. Make your selection and press 🔳 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 🔳 for **T9 Word, ABC, symbols** and **123** options respectively

**Note:** The ⬦⭐ 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 🔳 to display the **Main menu**.

2. Press ⬚MNO⬚6 for **Display.**

3. Press ⬚ABC⬚2 for **Banner.**

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

4. Enter your new banner (Up to 12 characters).

5. Press 🔳 to save.

## 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 🔳 to display the **Main menu**.

2. Press ⬚MNO⬚6 for **Display.**

3. Press ⬚DEF⬚3 for **Backlight.**

4. Press ⬚ to go through the menu options:

   •**Power save**
   •**5 seconds**
   •**10 seconds**
   •**15 seconds**
   •**Folder open**

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

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If your phone is unable to find a signal after 15 minutes of searching, the Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key. Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

## Contrast

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

**To set the LCD contrast:**

1. Press <img_ref id="1" /> to display the menu.
2. Press <img_ref id="2" /> for **Display**.
3. Press <img_ref id="3" /> for **Contrast**.
4. Scroll between the contrast settings to determine what contrast is most visible to you.
5. When the desired contrast setting displays, press <img_ref id="4" /> to save.

## Auto hyphen

With the option set to **Yes**, your phone automatically hyphenates numbers. For example: 972-761-0000.

**To set the Auto Hyphen option:**

1. In standby mode, press <img_ref id="5" /> to display the **Main menu**.
2. Press <img_ref id="6" /> for **Display.**
3. Press <img_ref id="7" /> for **Auto Hyphen**. The **Yes** and **No** options display.
4. Press <img_ref id="8" /> to highlight an option.
5. Press <img_ref id="9" /> to save.

    Note: Press <img_ref id="10" /> to return to the previous menu at any time.

# 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, Vib+Ring, silent, or volume levels 1-5 using the ⌷ .

## Adjusting voice volume during a call

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

## Ringer volume

**To adjust the volume using the Sounds ringer volume option:**

1.  In standby mode, press ⌷ to display the **Main menu**.

2.  Press ⁷ for **Sounds.**

3.  Press ¹ for **Volume/Vibrate.**

4.  Highlight your option and press ⌷ .

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 ⌷ to save.

6.  Press ⁽ᶜᴸᴿ⁾ to return to the previous menu at any time.

# Ringer type

Five 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 🔍 to display the **Main menu**.

2. Press ⁷ for **Sounds.**

3. Press ² for **Ringer Type.**

4. Press ¹ for **Calls.**

5. Use the ⁀ to navigate through the 5 monotone ringer types and 10 melody tones. Each tone plays as you navigate through the options.

    > **Note:** When the lowest volume setting is reached, the phone automatically goes into vibrate mode, physically alerting you to this option.

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 — alarm

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

1. In standby mode, press 🔍 to display the **Main menu**.

2. Press ⁷ for **Sounds.**

3. Press ² for **Ringer Type.**

4. Press ² for **Alarm.**

5. Press 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 — data/fax incoming

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

1. In standby mode, press the menu key to display the **Main menu**.
2. Press `7` for **Sounds.**
3. Press `2` for **Ringer Type.**
4. Press `3` for **Data/Fax In.**
5. Use the navigation key to hear tones. Each tone plays as you navigate through the options.
6. When the desired ringer type plays, press the menu key 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 the menu key to display the **Main menu**.
2. Press `7` for **Sounds.**
3. Press `2` for **Ringer Type.**
4. Press `4` for **Planner.**
5. Use the navigation key to hear tones. Each tone plays as you navigate through the options.
6. When the desired ringer type plays, press the menu key 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 🔍 to display the **Main menu**.
2. Press ⁷ for **Sounds.**
3. Press ³ for **Key Beep.**
4. Press ¹ for **Volume**, or press ² for **Tone Length**.
5. Press the ⬍ to adjust level or tone.
6. When the desired level or tone is reached, press 🔲 to save the setting.

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

## To mute DTMF:

1. Press 🔍 .
2. Press ⁷ for **Sound.**
3. Press ³ for **Key beep.**
4. Press ¹ for **Volume**.
5. Use the ⬍ or 🔲 to **Silence tones**.
6. Press 🔲 . Your key beeps are now silenced during your call.

## To mute DTMF while using Earpiece/Headset:

1. Press 🔍 .
2. Press ⁷ for **Sound**.
3. Press ³ for **Key beep.**
4. Press ¹ for **Volume**.
5. Use the ⬍ or 🔲 to **Silence tones**.
6. Press 🔲 . Your key beeps are now silenced during your call.

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# 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**, **Disconnect**, **Fade**, **Roam**, and **Privacy**.

## 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 📱 to display the **Main menu**.
2. Press ⁷ for **Sounds.**
3. Press ⁴ 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 [CLR] to return to the previous menu at any time. When a call experiences a failed or dropped call, a text message will display. Press [CLR] 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 [SEND] twice.

### Alerts —fade

When this option is set to **On**, the phone sounds an alert when a dropped call occurs during conversation in response to a signal fade.

### Alerts — roam

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

### Alerts — privacy

The Privacy option allows you to set the security level of your phone to avoid eavesdropping. You will hear a tone when this option is set to **On**.

## 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 [7 PQRS] for **Sounds.**

3.  Press [5 JKL] 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 $\overset{\text{PQRS}}{7}$ for **Sounds.**

3.  Press $\overset{\text{MNO}}{6}$ for **Roam Ringer**.

4.  Press the ⬒ to choose between **On** or **Off.**

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

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

## Whisper mode

This feature allows you to whisper when you are talking to a caller.

1.  In standby mode, press ⫶ to display the **Main menu**.

2.  Press $\overset{\text{PQRS}}{7}$ for **Sounds.**

3.  Press $\overset{\text{PQRS}}{7}$ for **Whisper Mode.**

4.  Press ⬒ to choose between **On** or **Off.**

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

# Voice kit

You can call up to 20 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 📱 to display the **Main menu**.

2. Press ⁸ₜᵤᵥ for **Voice kit.**

3.   Press 🔢 for **Voice Dial.**

4.   Press 🔢 for **Record**. The phone will prompt you to say the name you want to record.

5.   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.

6.   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.

7.   Enter the phone number using the keypad.

8.   Press 📱 to save the number.

9.   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 kit.**

3.   Press 🔢 for **Voice Dial.**

4.   Press 🔢 for **Review.** A list of stored names and numbers display.

5.   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 kit.**

3. Press $\overline{1}$ for **Voice Dial.**

4. Press $\overset{DEF}{3}$ for **Erase All.**

5. 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.

6. Press `CLR` at any time to exit without removing any voice entries.

## Set active - voice dial

Voice dialing is always active once you have programmed the phone to accept voice entries and the associated 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 $\overset{TUV}{8}$ for **Voice kit.**

3. Press $\overline{1}$ for **Voice Dial.**

4. Press $\overset{GHI}{4}$ to set **Set Active.**

   • **[*]Only**
   • **[*]/Folder**
   • **[*]/EarMic**

# Voice Memo

**Use the following to create a Voice Memo to be heard at a later date:**

1. In standby mode, press 🔋 to display the **Main menu**.

2. Press $\overset{TUV}{8}$ for **Voice kit.**

3. Press $\overset{ABC}{2}$ for **Voice Memo.**

4. Press $\overline{1}$ for **Record.** The phone will prompt you to say what you want to record.

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5. Press $\boxed{\vdots}$ to confirm your memo.

# Call Screen

The Call Screen feature allows you to listen to voice messages as they're being recorded, so that you can choose to accept urgent calls only (similar to screening calls on your home phone answering machine). Up to 4 minutes can be recorded using the Call Screen feature. When Call Screen is enabled or Call Screen message is recorded, an icon will appear on your main display banner line.

**Note:** Voice memo usage reduces call screening time available.

- **On/Off** - You can set Call Screen to On or Off. When set to On, Call Screen will answer your calls and record messages.
- **Inbox** - Your recorded messages are stored in the Inbox.
- **Greeting** - Callers hear this when Call Screen is activated. You can create your own greeting. The default greeting is, "Please record after tone".
- **Call Sound (Enable/Disable)** - You can listen to callers messages while they are being recorded when this option is enabled.
- **Wait Time** - You can set a time for Call Screening to begin. For example, if you set it for "after 3 sec", Call Screen is activated three seconds after the call has begun.

**Use the following to have an incoming call automatically answered and heard at a later date:**

1. In standby mode, press $\boxed{\vdots}$ for **Menu**.
2. Press $\boxed{\overset{TUV}{8}}$ for **Voice kit.**
3. Press $\boxed{\overset{DEF}{3}}$ for **Call Screen.**

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4. Press $\overset{\text{DEF}}{\cancel{3}}$ for **Greeting** and $\overset{\text{DEF}}{\cancel{3}}$ again to select a default greeting or press $\overset{\text{-'}}{\cancel{1}}$ to record a personal greeting.

5. Press $\boxed{\text{CLR}}$ to return to the **Call Screen** menu.

6. Press $\overset{\text{-'}}{\cancel{1}}$ to view the **Call Screen** options and highlight **Enable** using the navigation or side volume keys and press $\boxed{\text{:}}$ to save.

7. While **Call Screen** is enabled, you will hear your callers' messages as they are recorded and can hit the send button to "pick up" the important call.

> **Note:** Be sure to disable the Call Screen feature, once you no longer want to screen your calls or messages.

**The following options appear:**

> •**On/Off**
> •**Inbox**
> •**Greeting**
> •**Call Sound**
> •**Wait Time**

8. Use the $\boxed{\text{⬆⬇}}$ to highlight the option you want to change.

9. Press $\boxed{\text{:}}$ to confirm your memo.

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# Setup

The following features allow you to personalize your phone.

## Location

The settings allow you to turn the Location ON or 911 Only. When you first use your phone this option is set to 911 Only. This option is automatically turned ON when you place a call to 911. However, this option is turned back OFF when your 911 call is completed.

> **Note:** Check with your service provider to determine if/when/where location-based services are available.

**To turn Location ON or 911 Only:**

1. Press $\overset{\vdots}{\boxed{\phantom{x}}}$ for **Main Menu.**

2. Press $\overset{WXYZ}{\boxed{9}}$ $\overset{-'}{\boxed{1}}$ for **Location.**

3. Press $\overset{\vdots}{\boxed{\phantom{x}}}$ to display the Setting screen.

4. Use $\boxed{\phantom{x}}$ to select an option.

5. Press $\overset{\vdots}{\boxed{\phantom{x}}}$ to Save and exit.

## Network

Your phone allows you to set the preferred system. Contact your service provider to determine the best networking methods for you.

**To select the network you want to use:**

1. In standby mode, press $\overset{\vdots}{\boxed{\phantom{x}}}$ to display the **Main menu**.

2. Press $\overset{WXYZ}{\boxed{9}}$ for **Setup.**

3. Press $\overset{ABC}{\boxed{2}}$ for **Network.**

4. Use $\boxed{\phantom{x}}$ to select an option:

    •**Set Nam**
    •**Roam Option**

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5.  Press 🔋 to save.

6.  Pressing `CLR` returns you to the **Setup menu.**

## 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 Windows 95, Windows 98, Windows 2000, Windows ME, Windows XP, or Windows NT. 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 ⁹ for Setup.
3.  Press ³ for **Data/Fax.**
4.  Press ¹ for **Auto Detect.** The Auto Detect screen displays.
5.  Use ▤ to select an option. The options are:
    **data/fax off, fax for next call, fax until powered off, data for next call,** and **data until powered off.**
6.  Press 🔋 to save your option of choice.
7.  Pressing `CLR` returns you to the previous screen.

*   **data/fax off:** No incoming Data/Fax calls can be received.
*   **fax for next call:** Waiting for Fax Call. No Voice Calls can be received for next 10 minutes.

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- **fax until powered off:** No Voice Calls can be received.
- **data for next call:** Waiting for data call. No voice calls can be received.
- **data until powered off:** No voice calls can be received.

## Receiving a fax

1. In standby mode, press :book: to display the **Main menu**.
2. Press :nine: for **Setup.**
3. Press :three: for **Data/Fax.**
4. Press :one: for **Auto Detect.**
5. Use :updown: to highlight fax for next call.
6. Press :book: 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 data/fax off, 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 [key] to display the **Main menu**.

2. Press [9 WXYZ] for **Setup.**

3. Press [3 DEF] for **Data/Fax.**

4. Press [1] for **Auto Detect.**

5. Use [key] to highlight **data/fax off.**

6. Press [key] to save this option. The screen displays **No incoming Data/ Fax calls can be received.**

## 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 [key] [9 WXYZ] [4 GHI].

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**
> •**Emergency #**
> •**Voice Privacy**
> •**Restriction**
> •**Erase Memory**
> •**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.  In standby mode, press  to display the **Main menu**.

2.  Press    for **Security** and enter your current lock code.

3.  Press  for **Lock Phone.**

4.  Press the  to select your option.

    - **Never:** The phone remains unlocked.
    - **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.

    **Note:** If you change your NAM1 setting after you have set your phone to lock on power-up, and you did not program a number into NAM2 you will not be able to access your phone. You must call the Service Center to unlock your phone.

5.  Press  to save the setting.

### Unlocking the phone

Enter your phone's lock code (last four digits of the phone number), 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 [SEND].

## Restricting the use of your phone

This feature allows you to restrict the use of your phone.

1.   In standby mode, press [:] to display the **Main menu**.
2.   Press [9] [4] for **Security.** Enter your current lock code.
3.   Press [5] for the **Restriction** options.
4.   Use the [key] to restrict the use of your Outgoing calls, Incoming calls, and your Phone Book.
5.   Press [:] .
6.   Use the [key] to select **Yes** or **NO**.
7.   Press [:] to save.

## 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.   In standby mode, press [:] to display the **Main menu**.
2.   Press [9] [4] for **Security**. Enter your current lock code.

3.   Press $\overset{ABC}{\boxed{2}}$ for **Change Lock**. The screen prompts **ENTER NEW CODE**. Enter a new, 4-digit lock code by pressing the keypad. You will be prompted to **RE-ENTER NEW CODE.** Enter the same 4-digit lock code.

> **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.

# Emergency number

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 $\boxed{\text{SEND}}$ 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 emergency numbers

**To store emergency numbers:**

1. In standby mode, press 📱 to display the **Main menu**.

2. Press ⁹ᵂˣʸᶻ for **Setup.**

3. Press ⁴ᴳᴴᴵ for **Security.**

4. Enter your current lock code.

5. Press ³ᴰᴱᶠ for **Emergency #.**

6. Press ¹⁻ , ²ᴬᴮᶜ , or ³ᴰᴱᶠ to select from the three entry openings.

7. Enter the emergency number. Up to 32 digits can be entered for each number.

8. Press 📱 to save the number entered.

9. Press ᶜᴸᴿ to exit and return to the previous menu.

## Calling emergency numbers in lock mode

**To call emergency numbers in lock mode:**

1. In standby mode, use the keypad to enter the emergency number.

2. Press 📞 to place the call.

# Erase memory

Erase memory erases your Phone Book and Voice Dial recordings. Personal settings (the call log, Messages, Schedules, or other phone feature settings), are unaffected by erasing 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 erase your phone's memory:**

1. In standby mode, press 📱 to display the **Main menu**.

2. Press ⁹ᵂˣʸᶻ ⁴ᴳᴴᴵ for **Security.** Enter your current lock code.

3. Press ⁶ᴹᴺᴼ for **Erase Memory.** A confirmation prompt will display.

4.   Press 🔲 to erase 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.   In standby mode, press 🔲 to display the **Main menu**.

2.   Press ⟨9⟩ ⟨4⟩ for **Setup** and **Security**

3.   Enter your current lock code.

4.   Press ⟨7⟩ for **Reset Phone**. A confirmation prompt displays asking if you want to **Proceed.**

5.   Press 🔲 to reset the phone or press ⟨CLR⟩ 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 ⟨SEND⟩ .
> •**Any key:** You can answer the call by pressing any key except ⟨END⟩ .
> •**Folder open:** Opening your phone will answer your call.

**To set Call answer:**

1.   In standby mode, press 🔲 to display the **Main menu**.

2.   Press ⟨9⟩ for **Setup.**

3.   Press ⟨5⟩ for **Call Answer.** The **Call Answer** screen displays.

4.   Use ⟨⟩ to highlight an option. Press 🔲 to save your option.

5.   Pressing ⟨CLR⟩ 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 options is useful when driving.

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. In standby mode, press  to display the **Main menu**.
2. Press  for **Setup.**
3. Press  for **Auto Answer.** The **Auto Answer** screen displays.
4. Press  to highlight one of the available options:

   •**off**
   •**after 1 sec**
   •**after 3 sec**
   •**after 5 sec**
5. Press  to save.
6. Pressing  returns you to the previous screen.

## Auto retry

With this option activated, your phone automatically dials the number when a connection fails. Dependent upon your location, the number of times your phone automatically dials the number may vary.

**To enable Auto Retry.**

1. In standby mode, press  to display the **Main menu**.
2. Press  for **Setup.**
3. Press  for **Auto Retry**. The **Auto Retry** screen displays.
4. Press  to highlight an option. The options are:
   **off, every 10 seconds, every 30 seconds and every 60 seconds.**

5. Press ![key] to save your option.

6. Pressing ![CLR] 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. In standby mode, press ![key] to display the **Main menu**.

2. Press ![9 WXYZ] for **Setup.**

3. Press ![8 TUV] for **Language.**

4. Press ![key] to highlight the language required.

5. Press ![key] to save.

> **Note:** You can press ![CLR] to return to the previous menu at any time.

# Clock set

Your phone is equipped with a standard clock and a dual clock for seeing time in multiple cities or countries. Your phone automatically displays the time and date when in digital mode. This same information is unavailable on the screen when your phone is out of service or when powered up.

**To manually set the time and date:**

1. In standby mode, press ![key] to display the **Main menu**.

2. Press ![9 WXYZ] for the **Setup.**

3. Press ![9 WXYZ] for **Clock Set.** The **Main Clock** and **Dual Clock** options display.

**To set Main Clock:**

1.  Press the 🔘 to highlight **Main Clock.** Press 🔢 .

2.  Enter the time (using the 12 hour format) and date. Use $\overset{ABC}{2}$ for A.M. and $\overset{PQRS}{7}$ for P.M.

3.  When the desired setting displays, press 🔢 to save.

    **Note:** You can press $\boxed{\text{CLR}}$ to return to the previous menu at any time.

**To set Dual Clock:**

1.  Press the 🔘 to highlight **Dual Clock.** Press 🔢 .

2.  Press the 🔘 left or right to select from the following:

    •**Location** - Allows you to choose the country/city.
    •**Summer Time** - To accommodate for Daylight savings time you must manually set this option **On** or **Off** for each country/city offered in **Location**.

3.  Use the 🔘 set each option.

4.  When the desired setting displays, press 🔢 to save.

    **Note:** You can press $\boxed{\text{CLR}}$ 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 $\boxed{\text{CLR}}$ to return to the previous menu at any time.

1.  In standby mode, press 🔍 to display the **Main menu**.

2.  Press $\overset{WXYZ}{9}$ for **Setup.**

3.  Press $\overset{\diamond}{0}$ for **Version.** The hardware and software information displays.

4.  Press 🔢 to return to standby mode.

# 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/Unmute** - Mutes or (Un)mutes your end of a phone conversation so that the recipient can hear nothing except key tone.

- **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.

- **Silent/Quit** - Activates or deactivates the Silent keypad feature. When set to the silent mode, your keypad's tone is not sent out to the calling party. However, this feature should not be used when you access automated services that require you to select options, or enter numbers using the keypad.

- **Send Tel #** - Sends your phone number to the calling party or automated services.

- **My Phone #** - Displays the phone's own number.

- **Version -** Displays the version of the software and hardware that is being used on the phone.

- **Voice Privacy** - Gives you the option of having enhanced or standard privacy.

- **Location** - Displays whether GPS is set to On or 911 only.

- **Send DTMF** - This menu item allows the user to manipulate the audible keypad tones.

# Usage guidelines:
# All about performance and safety

## Getting the Most Out of Your Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

### Understanding the Power Save Feature

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key. Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

### Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

### Knowing Radio Frequency Safety

The design of your phone complies with updated NCRP standards described below.

In 1991-92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government

health agencies and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

## Maintaining Your Phone's Peak Performance

> **Note:** For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- Hold the phone with the antenna raised, fully-extended and over your shoulder.

- Try not to hold, bend or twist the phone's antenna.

- Don't use the phone if the antenna is damaged.

- Speak directly into the phone's receiver.

- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it's inoperable, return it to a an authorized service provider or call Customer Care for service.

# Maintaining Safe Use of and Access to Your Phone

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN THE U.S.A., USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

## Using Your Phone While Driving

Talking on your phone while driving is illegal in some states. Even where it's not, it can divert your attention from driving. Remember that safety always comes first.

When using your phone in the car:

• Get to know your phone and its features, such as speed dial and redial.

• When available, use a hands-free device.

• Position your phone within easy reach.

• Let the person you are speaking to know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.

• Do not take notes or look up phone numbers while driving.

• Dial sensibly and assess the traffic; if possible, place calls when you stationary or before pulling into traffic.

• Do not engage in stressful or emotional conversations that may divert your attention from the road.

• Dial $\overset{WXYZ}{9}$ $\overset{-'}{1}$ $\overset{-'}{1}$ to report serious emergencies. It's free from your wireless phone.

• Use your phone to help others in emergencies.

• Call special non-emergency wireless number when necessary.

## Following Safety Guidelines

> **Note:** Always turn off the phone in health care facilities and request permission before using the phone near medical equipment.

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

## Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, RF signals from wireless phones may affect inadequately shielded electronic equipment.

RF signals may affect improperly installed or inadequately shielded electronic operating systems and/or entertainment systems in motor vehicles. Check with the manufacturer or their representative to determine if these systems are adequately shielded from external RF signals. Also check with the manufacturer regarding any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices, such as pacemakers and hearing aids, to determine if they are adequately shielded from external RF signals.

## Turning Off Your Phone Before Flying

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

## Turning Off Your Phone in Dangerous Areas

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

**Note:** Never transport or store flammable gas, liquid or explosives in the compartment of your vehicle that contains your phone or accessories.

Turn off your phone when you're in any area that has a potentially explosive atmosphere. Although it's rare, your phone or its accessories could generate sparks. Sparks could cause an explosion or a fire resulting in bodily injury or even death. These areas are often, but not always, clearly marked. They include:

• Fueling areas such as gas stations.

• Below deck on boats.

• Fuel or chemical transfer or storage facilities.

• Areas where the air contains chemicals or particles such as grain, dust or metal powders.

• Any other area where you would normally be advised to turn off your vehicle's engine.

### Restricting Children's Access to your Phone

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

## Caring for the Battery

The guidelines listed below help you get the most out of your battery's performance.

• Use only Samsung-approved batteries and desktop chargers. These chargers are designed to maximize battery life. Using other batteries or chargers voids your warranty and may cause damage.

• In order to avoid damage, charge the battery only in temperatures that range from 32º F to 104º F
(0º C to 40º C).

- Don't use the battery charger in direct sunlight or in high humidity areas, such as the bathroom.

- Never dispose of the battery by incineration.

- Keep the metal contacts on top of the battery clean.

- Don't attempt to disassemble or short-circuit the battery.

- The battery may need recharging if it has not been used for a long period of time.

- It's best to replace the battery when it no longer provides acceptable performance. It can be recharged hundreds of times before it needs replacing.

Don't store the battery in high temperature areas for long periods of time. It's best to follow these storage rules:

Less than one month:

32º F to 131º F (0º C to 55º C)

More than one month:

32º F to 104º F (0º C to 40º C)

**Disposal of Lithium Ion (Li-Ion) Batteries**

**Note:** For safety, do not handle a damaged or leaking Li-Ion battery.

For safe disposal options of your Li-Ion batteries, contact your nearest Samsung-authorized service center.

**Special Note:** Be sure to dispose of your battery properly. In some areas, the disposal of batteries in household or business trash may be prohibited.

# Acknowledging Special Precautions and FCC

## FCC Notice

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

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

## Cautions

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

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

## Body-Worn Operation

To maintain compliance with FCC RF exposure guidelines, if you wear a handset on your body, use the Samsung supplied or approved carrying case, holster or other body-worn accessory. If you do not use a body-worn accessory, ensure that 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.

For more information about RF exposure, please visit the FCC website at www.fcc.gov.

# Specific Absorption Rates (SAR) for Wireless Phones

The SAR is a value that corresponds to the relative amount of RF energy absorbed in the head of a user of a wireless handset.

The SAR value of a phone is the result of an extensive testing, measuring and calculation process. It does not represent how much RF the phone emits. All phone models are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a phone can be substantially less that the level reported to the FCC. This is because of a variety of factors including its proximity to a base station antenna, phone design and other factors. What is important to remember is that each phone meets strict federal guidelines. Variations in SARs do not represent a variation in safety.

All phones must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in SAR values between different model phones do not mean variations in safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

This wireless portable device has been shown to be capable of compliance for localized specific absorption rate (SAR) for uncontrolled environment/general population exposure limits specified in ANSI/IEEE Std. C95.1-1999 and has been tested in accordance with the measurement procedures specified in ANSI/IEEE Std. C95.3-1992.

Part 24 CDMA 1900 MHz (PCS Mode) - Head max: 1.44 W/Kg, Body Max: 1.39 W/Kg

Part 22 CDMA 800 MHz - Head max: 1.47 W/Kg, Body Max: 1.10 W/Kg

# FDA Consumer Update

## Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

## What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

• Support needed research into possible biological effects of RF of the type emitted by wireless phones;

- Design wireless phones in a way that minimizes any RF exposure to the user that it is not necessary for device function; and

- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to a interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health

- Environmental Protection Agency

- Federal Communications Committee

- Occupational Safety and Health Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities about wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the wireless exposures that people get from these base stations are typically thousands of times lower than those they get from wireless phones. Base stations are thus not the subject of the safety questions discussed in this document.

## What kinds of phones are the subject of this update?

The term "wireless phones" refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS". These types of wireless phones can expose the user to measurable radio frequency energy

(RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones" which have a base unit connected to the phone wiring in a house, typically operate at far lower per levels, and thus produce RF exposures far below the FCC safety limits.

## What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could Accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glaucoma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures. However, none of the studies can

answer questions about long-term exposures, since average period of phone use in these studies was around three years.

## What research is needed to decide whether RF exposure from wireless phones poses a health threat?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

## What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of tis work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs

around the world. The project has also helped develop a series of public information documents on EMF issues.

FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

## How can I find out how much radio frequency energy exposure I can get by using my wireless phone?

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit radio frequency energy (RF) exposures. FCC established these guidelines in consultation with FDA and other federal health and safety agencies. The FCC limit for exposure from wireless telephones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissue that absorb energy from the wireless phone and is set well below levels known to have effects.

Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website (http://www.fcc.gov/oet/rfsafety) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

## What has FDA done to measure the radio frequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the radio frequency energy (RF) exposure from wireless phones and other wireless hand sets with the participation and leadership of FDA scientists and engineers. The standard, "Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques," sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

## What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products--and at this point we do not know that there is--it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could

use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

## What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measured described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

## What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint

effort by FDA, medical device manufacturers, and many other groups, was completed on late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI.

FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a "compatible" phone and a "compatible" hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

### Where can I find additional information?

For additional information, please refer to the following resources:

- FDA web page on wireless phones (http://www.fda.gov/cdrh/phones/index.html)

- Federal Communications Commission FCC) RF Safety Program (http://www.fda.gov/oet/rfsafety)

- International Commission on Non-Ionizing Radiation Protection (http://www.icnirp.de)

- World Health Organization (WHO) International EMF Project (http://www.who.int/emf)

- National Radiological Protection Board (UK) (http://www.nrpb.org.uk)

## CTIA Safety Information

### Exposure to radio frequency signals

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

In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure 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 standard 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).

### Antenna care

Use only the specified of 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.

## Driving

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 safety is your first responsibility.

• Use hands-free operation, if available.

• Pull off the road and park before making or answering a call if driving
conditions so require.

## Electronic devices

Most modern electronic equipment is shielded from RF signals. However,
certain electronic equipment may not be shielded against 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 hand-held 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 pacemaker 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.

### Hearing aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives.) *Optional for each phone manufacturer.*

### 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 has been added 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 potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury of 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 transfer or storage facilities; vehicles using liguefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

## For vehicles equipped with an airbag

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

## 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

CDMA Technology is licensed by QUALCOMM Incorporated under one or more of the following patents:

4,901,3075,109,3905,267,2625,416,797

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

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

5,600,7545,778,338 5,228,054 5,337,338

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, L.P. ("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:

   - **Phone - 1 year**
   - **Batteries - 1 year**
   - **Leather Cases/Pouch - 90 Days**
   - **Holster - 90 Days**
   - **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: (a) 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; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal usage; (d) malfunctions resulting from the use of Product in conjunction with the accessories, products, ancillary, or peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of product, or (g) Product used or purchased outside the United States or Canada. This Limited Warranty covers batteries only if the battery falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not

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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 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.

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- 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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